

Engineering Report

**Former Landfill IRM
Former IFG Facility
(Site No. 7-34-057)
Syracuse, NY**

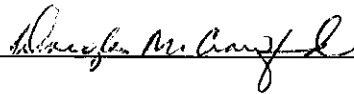
General Motors Corporation
Syracuse, NY

November 2006

Engineering Report

Former Landfill
Interim Remedial Measure
Former IFG Facility
(Site No. 7-34-057)
Syracuse, NY

General Motors Corporation
Syracuse, NY



Douglas M. Crawford, P.E.
Vice President

November 2006



Contents

List of Tables	iii
List of Figures.....	iii
List of Appendices.....	iv
List of Exhibits	iv
List of acronyms and abbreviations located within the text	v
1. Introduction.....	1
1.1. Site description	1
1.2. Site history.....	2
1.3. Summary of historic and pre-design investigative activities	4
1.3.1. Historic investigations.....	4
1.3.2. Supplemental remedial investigation	5
1.3.3. Miscellaneous sampling events	5
1.3.4. Pre-design investigations.....	6
1.4. Summary of pre-construction investigations	7
1.4.1. NIMO power structure sampling.....	7
1.5. Summary of data.....	8
1.5.1. Extent of fill	8
1.5.2. Extent of hot spots.....	9
1.5.3. Geotechnical data	10
1.6. Interim remedial measure objectives	10
1.7. Interim remedial measure summary	10
1.8. Interim remedial measure documents.....	10
1.9. Interim remedial measure chronology of events	11
2. Interim remedial measure.....	15
2.1. Hot spot removal	15
2.1.1. Surface soils	15
2.1.2. Subsurface soils.....	18
2.1.3. Northwest Debris Pile #2 (NW DP-2).....	20
2.2. Off-site disposal.....	20
2.3. Site grading.....	21
2.4. Access roads	21
2.4.1. Gravel access roads	21
2.4.2. Asphalt access road	22
2.5. Low permeability cover system.....	22
2.5.1. Low permeability vegetative cover	23
2.5.2. Asphalt parking lot	24
2.5.3. Access roads.....	25
2.5.4. Asphalt resurfacing.....	25
2.5.5. Rip-rap slopes.....	25
2.6. Vegetative cover.....	26

2.7. Storm water conveyance system.....	26
2.8. Ditch restoration on Niagara Mohawk property	26
3. Health and safety requirements.....	29
4. Sampling and analysis requirements	31
5. Construction quality assurance/construction quality control (CQA/CQC).....	33
5.1. Soil bedding layer.....	33
5.2. Geomembrane.....	33
5.3. Tri-planar geonet	40
5.4. Barrier protection layer.....	42
5.5. Topsoil.....	43
5.6. Fertilization and seeding.....	43
5.7. Rip-rap.....	44
5.8. Geotextile filter fabric	44
5.9. Geotextile stabilization fabric.....	46
5.10. Low permeability material.....	47
5.11. Electrical/materials/equipment	50
6. Inspections	51
7. Institutional controls	53
8. Record drawings/as-builts.....	55
9. Summary of project costs.....	57
10. Observations and lessons learned.....	59
11. Remedial action contact information	61
12. Operation, maintenance and monitoring.....	63
13. Certification.....	65
References.....	67

List of Tables

Within text

1-1	Former Landfill IRM chronology of events	11
5-1	MQC of geomembrane raw materials by the manufacturer at the plant	32
5-2	MQC of geomembrane physical properties by the manufacturer at the plant	33
5-3	CQC of geomembrane if field tests pass	37
5-4	CQC of tri-planar geonet prior to construction	38
5-5	CQC of barrier protection layer prior to construction	40
5-6	CQC of barrier protection layer during construction	41
5-7	CQC for geotextile filter fabric prior to construction	43
5-8	CQC of geotextile stabilization fabric prior to construction	44
5-9	CQC of low permeability material layer prior to construction	46
5-10	CQC of low permeability material layer prior to construction	47
5-11	CQC of low permeability material layer during construction	48

End of Report

1	Hot spot confirmation and informational samples result summary
2	Soil originating from Former Drainage Swale IRM used during construction of the Former Landfill IRM
3	Soil and material originating from SPDES Treatment System IRM used during construction of the Former Landfill IRM
4	Soil and material originating from Redevelopment Activities used during construction of the Former Landfill IRM

List of Figures

1-1	Site location map
1-2	Facility plan

List of Appendices

- A 2002 test pit photo logs
- B Data usability summary reports
- C Analytical data results
- D Record drawings

List of Exhibits

- A Geotechnical borings
- B TSCA waste shipment manifests and summary table
- C Technical variances
 - C-1 - Technical Variance #1 – Soil bedding Layer
 - C-2 - Technical Variance #2 – Woven Geotextile on western rip-
rap slope
 - C-3 - Technical Variance #3/5 – Seed mixture
 - C-4 - Technical Variance #4 – Stone Access Road Detail
- D MQC & CQC documentation
 - D-1 - Geomembrane MQC - Raw material QC documentation,
test results, and physical properties
 - D-2 - Geomembrane CQC – Friction testing
 - D-3 - Geomembrane CQC – Installer subgrade acceptance
 - D-4 - Geomembrane CQC – As-built geomembrane panel layout
 - D-5 - Geomembrane CQC – Non-destructive and destructive
seam testing results
 - D-6 - Tri-planar geonet MQC – Test results
 - D-7 - Barrier protection CQC – Test results and non-hazardous
waste documentation
 - D-8 - Rip-rap characteristics
 - D-9 - Geotextile filter fabric CQC – Physical properties
 - D-10 - Geotextile stabilization fabric CQC – Physical properties
 - D-11 - Fertilizer and seed information
 - D-12 - Asphalt testing results and specification information
 - D-13 - Low permeability material – Test results and non-
hazardous waste documentation
 - D-14 – Electrical submittals
- E As-builts.

List of acronyms and abbreviations located within the text

ASTM	American Standard Test Method
CBR	California bearing ratio
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CQA	Construction quality assurance
CQC	Construction quality control
CRA	Conestoga-Rovers & Associates
CWM	Chemical Waste Management
DUSR	Data usability summary report
ESA	Environmental site assessment
fbg	Feet below grade
FTMS	Federal Test Method Standard
GM	General Motors Corporation
IFG	Inland Fisher Guide
IRM	Interim remedial measure
IWTP	industrial wastewater treatment plant
LLDPE	Linear low-density polyethylene
MQA	Manufacturer's quality assurance
MQC	Manufacturer's quality control
NCP	National Oil and Hazardous Substances Contingency Plan
NIMO	Niagara Mohawk – A National Grid Company
NPL	National Priorities List
NSF	National Sanitation Foundation
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
PAOC	Potential area of concern
PCBs	Polychlorinated biphenyls
PDI	Pre-design investigation
RI/FS	Remedial investigation/feasibility study
RCP	Reinforced concrete pipe
ROD	Record of decision
SARA	Superfund Amendments and Reauthorization Act
SPDES	State pollutant discharge elimination system
SVOC	Semivolatle organic compound
TCLP	Toxicity characteristic leaching procedure
TSCA	Toxic Substance Control Act
TSDF	Transportation, storage and disposal facility
USEPA	United States Environmental Protection Agency
VOC	Volatile organic compound

1. Introduction

This engineering report documents the construction of the Interim Remedial Measure (IRM) for the Former Landfill at the General Motors Corporation (GM) Former Inland Fisher Guide (IFG) Facility and Ley Creek Deferred Media (collectively designated the Site). This report has been prepared by O'Brien & Gere Engineers, Inc. in accordance with the requirements set forth in paragraph VI. C of the Administrative Order on Consent (Index # D-7-0001-97-06; Order) between GM and the New York State Department of Environmental Conservation (NYSDEC), which became effective September 25, 1997.

Between August of 2001 and December of 2005, three large-scale IRMs were designed and implemented at the Former IFG Facility under the Order. These IRMs addressed environmental media investigated as part of a Remedial Investigation/Feasibility Study (RI/FS) being conducted under the Order. The IRMs were the Former Landfill IRM, the Former Drainage Swale IRM, and the SPDES Treatment System IRM. These programs were performed as IRMs prior to completion of the RI/FS with the objective of accelerating facility remediation to accommodate redevelopment of the facility. The Former Landfill IRM consisted of the construction of a landfill cover to address a former landfill located in the northwestern portion of the facility property. The Former Drainage Swale IRM consisted of the removal of polychlorinated biphenyl (PCB) containing subsurface material. The SPDES Treatment System IRM consisted of the construction of a large retention basin and treatment system to treat facility storm water for PCBs and volatile organic compounds (VOCs) prior to discharge off-site. Construction work for the Former Drainage Swale and the SPDES Treatment System IRMs was largely co-located in the central northern portion of the facility property. The Former Drainage Swale IRM and SPDES Treatment System IRMs are documented in separate Engineering Reports both dated January 20, 2006 (O'Brien & Gere 2006a, 2006b).

1.1. Site description

The Former IFG Facility and the Ley Creek Deferred Media Site is located at 1 General Motors Drive in the Town of Salina, Onondaga County, New York. A location map is provided as Figure 1-1. The Former IFG Facility comprises approximately 65 acres of property. Structures include the main manufacturing building, the attached administration building, the primary switch house, the powerhouse, the industrial wastewater treatment plant (IWTP), mold storage (former tank farm) building, and bulk handling building. Various paved parking lots

and undeveloped areas are present on the property. A facility plan is provided as Figure 1-2.

The facility is bounded to the south by Conrail railroad tracks and a wood pallet recycling facility; to the east and northeast by Military Circle (formerly GM Circle) and Townline Road; to the west by a Niagara Mohawk – A National Grid Company (NIMO) electrical transfer station; and to the north by Factory Avenue and an undeveloped area adjacent to Ley Creek. New York State Wetland SYE – 6 is located north and west of the electrical transfer station.

The facility is currently being redeveloped for tenant use. To date, ten tenants occupy space or are preparing to occupy space in the building.

The facility is located in an area zoned for industrial use in the Town of Salina; a small portion of the facility (entrance gate area and a portion of the parking lot) is located in the Town of Dewitt. The area surrounding the facility can generally be characterized as highly urbanized. The area is also characterized by a high degree of industrial activity, as evidenced by the presence of manufacturing facilities such as Carrier Corporation, Syracuse China Corporation, Magna International New Process Gear, Inc., and Bristol-Myers Squibb Company. Numerous small industrial businesses are present along Factory Avenue and in nearby areas of the City of Syracuse. Syracuse International Airport-Hancock Field is located approximately 1½ miles north of the facility.

The Ley Creek PCB Dredgings site is located directly north of the facility and Factory Ave. The Ley Creek PCB Dredgings site consists of the area between Factory Avenue and Ley Creek, extending west from Townline Road for approximately 4,300 ft. Ley Creek Deferred Media include ground water underlying the Ley Creek PCB Dredgings site and surface water and sediment in Ley Creek between Townline Road and Route 11.

1.2. Site history

Historically, the facility was used for the manufacture of metal automotive trim components such as bumpers, grills, wheel disks and hubcaps. More recently, the facility was used for the manufacture of interior and exterior plastic trim components such as bumpers, grills and door panels. The facility began operations in 1952 as the Brown-Lipe-Chapin Division of GM. Operations conducted at the facility included metal die casting; nickel, chromium and copper cyanide electroplating; stamping; polishing; buffing; painting and machining. The products of these operations were the metal automotive parts as previously mentioned. In 1961 Brown-Lipe-Chapin merged with another GM division, Ternstedt, and subsequently became part of GM's Fisher Body Division in 1968. During the early 1960's injection molding operations

were added to the existing metal operations. Metal finishing and die casting were subsequently reduced and replaced by injection molding by the early 1970's. The facility operated as the Fisher Body Division until 1984, when it became the Fisher Guide Division until 1989. The facility then operated as the Inland Fisher Guide Division of GM from 1989 until the facility ceased manufacturing operations in December 1993. In 1992, prior to ceasing of manufacturing operations, the facility was operating 127 injection molding machines. After the facility ceased manufacturing operations in 1993, the facility was reassigned to GM's North American Operations Property Management Group, which was later re-designated the Worldwide Facilities Group.

An on-site landfill, occupying approximately 7 acres, is located northwest of the manufacturing building, as shown on Figure 1-2. The landfill was used from 1952 to 1961 or 1962 for the disposal of boiler fly ash and bottom ash, paint and buffing sludges, plating wastes (estimated 10 cu yd per year), general trash, and construction debris. Six to eight feet of general fill material (consisting of brown, fine silty sands mixed with cobbles, gravel, and concrete) was reportedly placed on the landfill in 1962 or 1964. Disposal of boiler fly ash and construction debris continued until about 1970.

GM and NYSDEC entered into an Administrative Order on Consent (Index # D-7-0001-97-06; Order) on September 25, 1997. The Order called for the development and implementation of a Remedial Investigation/Feasibility Study (RI/FS) at the site located at 1 General Motors Drive in the Town of Salina, Onondaga County, New York. The Order also provided for the performance of IRMs. The Former IFG Facility and Deferred Media site is classified as a Class 2 site on NYSDEC's Registry of Inactive Hazardous Waste Disposal Sites (Site No. 7-34-057). The Ley Creek Deferred Media include ground water underlying the Ley Creek PCB Dredgings site, which is also a Class 2 site on NYSDEC's Registry (Site No. 7-34-044), as well as surface water and sediment in Ley Creek between Townline Road and Route 11. The Former IFG Facility and the Ley Creek PCB Dredgings sites were also designated as sub-sites of the Onondaga Lake National Priorities List (NPL) site by NYSDEC and the United States Environmental Protection Agency (USEPA).

A Preliminary RI/FS Report was developed by O'Brien & Gere on behalf of GM for the Former IFG Facility and Ley Creek Deferred Media and submitted on October 24, 1997 (O'Brien & Gere 1997). NYSDEC issued comments on the Preliminary RI/FS Report on March 13, 1998 (Benjamin 1998). GM's responses were submitted to NYSDEC on May 18, 1998 (Hartnett 1998). As a result of NYSDEC's comments regarding additional data needs, a Supplemental RI was conducted for the site in 1998 and 1999 by O'Brien & Gere in accordance with the approved Final Supplemental RI/FS Work Plan (O'Brien & Gere 1999), the provisions of the Order, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA), the USEPA's Guidance for Conducting Remedial Investigations and Feasibility Studies Under

CERCLA (USEPA 1988), and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP; 40 CFR Part 300). A Supplemental RI Report was submitted to NYSDEC on April 20, 2000 in accordance with the Order (O'Brien & Gere 2000a).

Sufficient data were collected as part of the previous investigations and the Supplemental RI to allow for development of an IRM for the former landfill at the Former IFG Facility. GM, in a letter dated May 23, 2001, proposed implementation of an IRM for the former landfill (Hartnett 2001a). NYSDEC agreed with the approach, as documented in its letter of August 13, 2001 (Benjamin 2001b).

1.3. Summary of historic and pre-design investigative activities

Several environmental investigations have included the sampling and analysis of landfilled material and soil in the vicinity of the former landfill. These investigations are summarized in the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a). A brief description of the investigations is provided below.

1.3.1. Historic investigations

1991 Onondaga County Ley Creek Relief Interceptor Sewer Area Sampling Program. As part of the installation of the Ley Creek Relief Interceptor Sewer in 1991, Onondaga County's contractors collected subsurface soil samples along the pipeline route (Onondaga County 1991). Soil samples LC-3, 122.0, 123.4, 123.43, 123.87, 124.0 were collected as part of this effort. Following completion of construction of the sewer, Onondaga County's contractors collected seven surface soil samples in the vicinity of the former landfill. These samples were indicated by station intervals (e.g., 120+42-121+20).

Soil borings BFA-5 and BFA-7 were installed north of the former landfill and south of Factory Avenue prior to construction of the Ley Creek Relief Interceptor Sewer as part of the geotechnical investigation (Blasland, Bouck, & Lee 1989). No analytical data were collected from soil borings completed as part of the geotechnical investigation.

1993 O'Brien & Gere storage cell confirmation sampling program. O'Brien & Gere collected ten confirmatory surface soil samples (S1 to S10) from an area on the northwestern portion of the former landfill in 1993. Samples were collected in the former location of a storage cell used for PCB-contaminated soil excavated during the Ley Creek Relief Interceptor Sewer Area IRM. These confirmatory soil samples were collected with a hand trowel and analyzed for PCBs (O'Brien & Gere 1994).

1995 – 1996 Conestoga – Rovers & Associates (CRA) Phase II Environmental Site Assessment (ESA). A Phase II ESA was performed

by CRA in August 1995, subsequent to a Phase I ESA, to evaluate the presence of contaminant releases into the environment that may have occurred at potential areas of concern (PAOC) at this facility. Additional Phase II ESA activities were conducted at the facility in April 1996 to address data gaps and to characterize the extent of contamination at certain PAOCs where the August 1995 Phase II ESA activities had indicated the presence of a contaminant release. The former landfill was identified during the Phase I ESA as a PAOC. Sampling activities in the vicinity of the former landfill associated with the Phase II ESA included the installation of three soil borings (BH-1, BH-2, and BH-3), collection of one soil sample from each boring, and analysis of the samples for VOCs, SVOCs, PCBs, RCRA metals (arsenic, barium cadmium, chromium, lead, mercury, selenium, and silver) and cyanide.

1996 NIMO Factory Avenue soil sampling. NIMO installed soil borings along the north and south sides of Factory Avenue to evaluate soil conditions at proposed power pole locations. Borings were designated by proposed pole location numbers. Borings installed north of the former landfill include 37E, 37C, 37W, 38, and 39 (NIMO 1996). Soil samples were collected from each boring and analyzed for PCBs.

1.3.2. Supplemental remedial investigation

The former landfill was investigated as part of the Supplemental RI. In November 1999, four test trenches were excavated by backhoe in the former landfill area. These test trenches were completed to evaluate the limits of the former landfill and characterize its contents (O'Brien & Gere 2000a). Test trench samples T1-1, T1-2, T1-3, T1-4, T2-1, T2-2, T2-3, T2-4, T3-1, T3-2, T3-3, T3-4, T3-5, T3-6, T4-1, T4-2, and T4-3 were collected based on visual observations during trench installation and analyzed for VOCs, SVOCs, PCBs, site-related metals (arsenic, chromium, copper, lead, nickel, and zinc), cyanide, and mercury.

In addition to the test trenching activities, eight surface soil samples (SS-99-06, SS-99-07, SS-99-08, SS-99-09, SS-99-10, SS-99-11, SS-99-12, and SS-99-13) were collected from the former landfill area to characterize surface conditions for risk assessment purposes.

1.3.3. Miscellaneous sampling events

Debris pile sampling. Several debris and concrete piles were located on the former landfill. Five composite samples (NW concrete #1, NW debris #1, NW concrete #2, NW debris #2, and NW concrete #3) were collected from the debris and concrete piles.

Storm Sewer Cleaning/Televising IRM sampling. As part of the Storm Sewer Cleaning/Televising IRM, a new catch basin A2B was installed. Based on PCB concentrations detected downstream of this location, a surface soil sample (A2A Soil) was collected in the vicinity of the future catch basin A2B.

1.3.4. Pre-design investigations

As part of the pre-design investigations performed for the former landfill IRM between May 2001 and June 2002, additional subsurface and survey information was obtained. In addition to those between 5/01 and 6/02 pre-design investigations were performed, as documented in the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a).

Geotechnical borings. In May 2001, six geotechnical borings were installed within the landfill limits to a depth of approximately 10 ft. The purpose of the geotechnical borings was to provide geotechnical information to be used in the design of the proposed parking area. The six geotechnical borings were installed with continuous sampling performed for the entire depth as described in the May 23, 2001 letter outlining pre-design investigation activities (Hartnett 2001a).

2001 Test pit excavation. In June 2001, ten test pits (Test Pits 13 through 23) were installed to evaluate the northern and northwestern extent of the former landfill. Seven of the ten test pits were installed between trench 4 and trench 12, which were installed during the 1999 Supplemental RI test trench activities described in Section 2.1.2, and four of the ten test pits were installed in the northwest corner of the former landfill. The test pits were installed at approximately 200 foot intervals, perpendicular to the approximate landfill limit as described in the May 23, 2001 letter outlining pre-design investigation activities (Hartnett 2001a). During these activities, soil samples were collected from test pits 13, 16, 20, and 21 at depths of 5 to 6 ft below grade based on visual observation of landfill material and were analyzed for PCBs. Test pit logs for these test pits are presented in Appendix A of the Former Landfill IRM Revised Work Plan.

2002 Test pit excavation. In May 2002 three test pits (TP-1, TP-2, and TP-3) were excavated to further evaluate the northwestern extent of the former landfill. These were conducted in accordance with the June 14, 2001 letter to Sue Benjamin (Hartnett 2001b). Photographs of these test pits are included in Appendix A.

Soil borings and surface soil samples. To further evaluate the limits of the landfill hot spots associated with 1999 Supplemental RI sample locations SS-99-06, SS-99-08 and SS-99-10, nine soil borings (OBG-TB-48, OBG-TB-49, OBG-TB-50, OBG-TB-51, OBG-TB-52, OBG-TB-53, OBG-TB-54, OBG-TB-55, and OBG-TB-56) were completed in July 2001 in accordance with the June 14, 2001 letter to Sue Benjamin (Hartnett 2001b), and subsequent discussions with NYSDEC (Benjamin 2001). The results of this sampling event are summarized in the Former Landfill IRM Revised Work Plan. The Data Usability Summary Report (DUSR) for these results is included in Appendix B.

Based on the results of soil boring OBG-TB-51, six direct push borings (OBG-TB-57, OBG-TB-58, OBG-TB-59, OBG-TB-60, OBG-TB-61 and OBG-TB-63) were completed in June 2002, consistent with the May 6, 2002 letter to Sue Benjamin (Hartnett 2002a). The results of this

sampling were documented in the Former Landfill IRM Revised Work Plan. The DUSR for these results is included in Appendix B.

In May 2002, six surface soil samples (SS-02-01, SS-02-02, SS-02-03, SS-02-04, SS-02-05 and SS-02-06) were collected to the west of GM's western property boundary in conjunction with the three test pits excavated in 2002. These samples were collected in accordance with the March 14, 2002 letter to Sue Benjamin (Hartnett 2002b), the March 18, 2002 from Sue Benjamin to Jim Hartnett (Benjamin 2002), and the Former Landfill IRM Draft Work Plan (O'Brien & Gere 2002a). All six samples were analyzed for PCBs and three samples (SS-02-01, SS-02-02, and SS-02-03) were analyzed for VOCs. The results of this sampling event were not available for the Former Landfill IRM Revised Work Plan, but were provided in the August 26, 2003 (Hartnett 2003d) letter to NYSDEC. This letter also included a DUSR for this data.

Survey. A ground topographic survey of the former landfill area and areas adjacent to the landfill was performed in June 2001. The survey consisted of one-foot topographic contour intervals with surveyed locations including boring and test pit locations, utilities, structures, and property lines.

1.4. Summary of pre-construction investigations

1.4.1. NIMO power structure sampling

In accordance with the letter provided to NYSDEC on April 14, 2003, sixteen soil borings (TB-01-03 through TB-16-03) were advanced on April 21, 2003 and April 22, 2003 to a depth of approximately 16 feet below grade (fbg) in the vicinity of the existing 115 kV H-structures located within the limits of the former landfill for emergency and future structure replacement (Hartnett 2003a). These sampling efforts yielded concentrations of PCBs greater than 50 ppm in seven locations, thus GM proposed in its letter of June 2, 2003, to install seven more borings (at locations of previously installed TB-02-03, TB-10-03, TB-11-03, TB-12-03, TB-13-03, TB-14-03, and TB-16-03) (Hartnett 2003b). These new borings were designated TB-02-03A, TB-10-03A, TB-11-03A, TB-12-03A, TB-13-03A, TB-14-03A, and TB-16-03A. Three additional soil borings (TB-17-03, TB-18-03, and TB-19-03) were added to this scope in the vicinity of two 115 kV poles located on the southern limits of the former landfill as described in GM's letter to NYSDEC of July 1, 2003 (Hartnett 2003c). The June 2, 2003 and July 1, 2003 letter work plans were approved by the NYSDEC on June 6, 2003 and July 14, 2003 (Benjamin 2003a and 2003b). The additional borings were completed in July 2003. PCB data from these boring samples indicated variable PCB concentrations ranging from less than detectable to 6,200 mg/kg. This data was summarized in the August 26, 2003 letter to NYSDEC (2003e).

1.5. Summary of data

Based on the investigations conducted in the former landfill, PCBs, metals, VOCs and Semivolatile organic compounds (SVOCs) were detected in surface and subsurface soil samples. Limits of the former landfill were estimated based on physical observations. Limits of hazardous material (i.e. PCB concentrations larger than 50 mg/kg) were designated as hot spots and were to be removed based on analytical results. The extent of fill and estimated limits of hot spots are described below.

1.5.1. Extent of fill

The estimated areal limits of fill material, based on the Supplemental RI test trench and pre-design investigation test pit observations are indicated on Figure 1-2. Based on test trenching activities performed as part of the Supplemental RI and IRM pre-design investigation, ash-like material was observed to extend to the northern fenceline and the northern portion of the western fenceline. Along the northern fenceline, the ash-like material was observed to be present from depths of 1 to 5 ft below grade. Since the ash-like material appeared to taper off at the northern fenceline, further field activities to define the extent of fill in this area were not proposed. In addition, soil boring logs for BFA-5 and BFA-7, which were installed north of the northern fenceline, did not show that fill material was present. Soil boring logs for BFA-5 and BFA-7 and for trenches installed during the Supplemental RI were included in the Former Landfill IRM Revised Work Plan.

In the northern portion of the western fenceline, the ash-like material was observed to be present from 4 to 6 ft below grade in trench 13 and from 0 to at least 10 ft below grade in trench 14. Further test trenching activities to investigate the extent of the ash-like material west of the western fenceline and east of the NIMO access road were performed in May 2002, as described in the Former Landfill IRM Revised Work Plan. An evaluation of the test pitting results was conducted and recommendations were developed with respect to landfill material management in the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a).

Landfill materials, including paint sludge, fly ash material, metal gears, general trash, and grey-blue sludge-like material, were observed in test trenches installed during the 1999 Supplemental RI. These materials were observed to be mixed with other landfill material, rather than present as distinct layers. Paint sludge was observed in all four test trenches at depths ranging from 4 to 12 ft below grade. Ash-like material was observed in all four test trenches at depths ranging from 1 to 10 ft below grade. In trench 3 the ash-like material was mixed with general trash such as paper and rags. Metal gears were encountered in trenches 1, 2, and 4 at depths ranging from 5 to 10 ft below grade. Greyish-blue sludge-like material was observed in trenches 2 and 3 at depths ranging from 5 to 8 ft below grade. Native soil was a brownish grey silt to fine sand with intermittent clay seams and was observed throughout each trench at depths ranging from 7 to 16 ft below grade. The existing

surface of the former landfill consisted of brown, fine, silty sands mixed with cobbles, gravel, and concrete. This material was observed as deep as 10 ft in trench 4.

1.5.2. Extent of hot spots

Two evaluations of sampling results in or in the vicinity of the former landfill were performed with respect to the horizontal and vertical extent of hot spots as documented in the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a) and in a letter from GM to NYSDEC dated August 26, 2003 (Hartnett 2003d). The extent of these hot spots was based on analytical results from sampling conducted as part of the 1991 Onondaga County post construction interceptor sewer sampling, the 1999 Supplemental RI sampling, 2002 pre-design investigations and 2003 pre-construction investigations.

The evaluations concluded that surface hot spots and subsurface hot spots warranted removal. These were:

Surface hot spots. Three surface hot spots were identified in the vicinity of samples SS-99-08 and SS-99-06 along the western edge of the former landfill, and along the northern limits of the former landfill between stations 4+05 and 6+20. The estimated areas were 10 ft by 10 ft (SS-99-08), 10 ft by 10 ft (SS-99-06), and 215 ft by 20 ft (stations 4+05 and 6+20). These hot spots were assumed to be 1 ft in depth. Their locations are identified on Sheet G-3 of the Record Drawings, contained in Appendix D.

In addition to these surface hot spots identified on the site, four surface hot spots on the adjacent NIMO property were also identified for removal. Two were located between the property boundary and the NIMO access road and in the vicinity of samples 6+10 Bank and SM-101. The approximate extent of each of these hot spots was 10 ft by 10 ft by 1 ft deep. The third hot spot was located between the GM western property boundary and the NIMO access road, extending approximately 650 linear ft by approximately 10 ft wide. The fourth was located between the GM western property line and the NIMO access road in the vicinity of sample SS-02-05 and was approximately 10 ft by 10 ft by 1 ft deep. These hot spots are identified on Sheet G-3 of the Record Drawings, contained in Appendix D.

Subsurface hot spots. Six subsurface hot spots were identified in the vicinity of samples T4-1, OBG-TB-51, OBG-TB-53, the former drainage swale lying within the landfill work limits, TB-02-03A, and TB-11-03A. The estimated extent for each hot spot was 10 ft by 10 ft at depth of 2 ft to 3 ft (T4-1), 10 ft by 10 ft at a depth of 0 to 8 ft (OBG-TB-51), 10 ft by 10 ft at a depth of 0 to 2 ft (OBG-TB-53), 50 ft by 10 ft at a depth of 5 ft to 6 ft (former drainage swale), and 10 ft by 10 ft at a depth of 0 to 2 ft (TB-11-03A). In its letter of October 1, 2003, NYSDEC also required that a subsurface hot spot be removed in the vicinity of TB-02-03A (Benjamin 2003c). The estimated extent of this hot spot was 10 ft by 10

ft at a depth of 10 ft to 16 ft. These hot spots are identified on Sheet G-3 of the Record Drawings, contained in Appendix D.

1.5.3. Geotechnical data

Six geotechnical borings (B-1 through B-6) were installed within the landfill limits to a depth of approximately 10 ft. Boring logs were generated based on visual observations of the material layers encountered during the boring installations and are attached as Exhibit A. Standard penetration blow counts (n-values) were recorded at 2 ft intervals and varied from 3 to 39. The blow counts were used in estimating a California Bearing Ratio (CBR) for use in the pavement thickness calculations used in the cover design.

1.6 Interim remedial measure objectives

The Former Landfill IRM work plan included the following remedial objectives developed for the former landfill:

- Minimize potentially unacceptable human health risks associated with direct contact and incidental ingestion of soil
- Eliminate or mitigate, to the extent feasible, existing and potential adverse impacts to fish and wildlife resources from the landfill.

1.7. Interim remedial measure summary

The Former Landfill IRM included the following major components:

- Hot spot excavation
- Off-site disposal
- Site grading
- Access roads
- Low permeability cover system
- Vegetative cover
- Storm water conveyance system.

1.8. Interim remedial measure documents

The work plan prepared to implement the Former Landfill IRM comprised the following documents:

- Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a)
- Reuse of soil spoils from excavation of proposed storm water retention basin - April 26, 2002 (Hartnett 2002c)

- Proposal for hot spot removal – May 6, 2002 (Hartnett 2002a)
- Construction quality control plan (Royal Environmental 2002a)
- Revised perimeter and on-site air monitoring and dust control plan (Royal Environmental 2002b)
- Storm water pollution prevention plan (O'Brien & Gere 2002b)
- Construction water management plan (Royal Environmental 2002c)
- Soil characterization plan around existing H-structures submitted for NYSDEC's information – April 14, 2003 (Hartnett 2003a)
- Additional Soil Characterization in the Vicinity of NIMO H-structures – June 2, 2003 (Hartnett 2003b)
- Addendum to Additional Soil Characterization in the Vicinity of NIMO 115 kV H-structures – July 1, 2003 (Hartnett 2003c)
- Proposed Hot Spot Removal on NIMO Property – August 26, 2003 (Hartnett 2003d)
- Proposed on-site Hot Spot Removal – August 26, 2003 (Hartnett 2003e)
- Proposed Hot Spot Removal on NIMO Property and Reconfiguration of Drainage Depression on NIMO Property – August 2, 2004 (Hartnett 2004).

1.9. Interim remedial measure chronology of events

The following table, Table 1-1, includes a chronology of events that occurred as part of the IRM, starting with the proposal of the Former Landfill IRM to NYSDEC and ending with NYSDEC soil reuse approvals.

Table 1-1. Former Landfill IRM Chronology of Events

Date	Event
May 23, 2001	Letter to NYSDEC to propose Former Landfill IRM
May 23, 2001	Letter to NYSDEC proposing geotechnical borings, test pit excavation, and survey
June 14, 2001	Letter to NYSDEC with hot spot evaluation and delineation approach
July 9, 2001	Letter to NIMO submitting outline of the Proposed Landfill IRM
August 8, 2001	Transmittal to Town of Salina submitting Former Landfill IRM Work Plan
August 8, 2001	Transmittal to NIMO submitting Former Landfill IRM Work Plan for review
August 8, 2001	Letter to County submitting Former Landfill IRM Work Plan for review
August 8, 2001	Letter to NYSDEC submitting Former Landfill IRM Work Plan for review
August 8, 2001	Redevelopment letter to NYSDEC regarding use of Landfill area for Resun Leasing, Inc.

Table 1-1. Former Landfill IRM Chronology of Events

Date	Event
August 13, 2001	Letter from NYSDEC approving Mach 23, 2001 Former Landfill IRM scope and approach
September 4, 2001	Letter from County with comments on August 2001 Landfill IRM submittal
November 8, 2001	Letter from NYSDEC with comments on August 2001 Landfill IRM submittal
March 14, 2002	Letter to NYSDEC requesting approval of PDI on NIMO property and May 23, 2001 PDI work.
March 18, 2002	Letter from NYSDEC approving PDI work listed in March 14, 2002 letter
April 26, 2002	Letter to NYSDEC requesting approval on Former Drainage Swale IRM being a part of both the Landfill and SPDES Treatment System IRMs
April 26, 2002	Letter to NYSDEC proposing reuse of soil from SPDES Treatment IRM for use in Landfill IRM
May 6, 2002	Letter to NYSDEC requesting additional PDI borings and review of hot spot excavation approach
May 2, 2002	Memorandum from NYSDEC approving reuse of soils as described in the April 26, 2002 letter. (BUD No. 721-7-34)
May 14, 2002	Letter to NYSDEC clarifying level of data validation for NIMO PDI sampling and that some was SRI data
May 14, 2002	Letter from NYSDEC approving additional PDI borings and hot spot excavation approach
May 17, 2002	Letter to NYSDEC containing responses to November 8, 2001 comment letter
June 21, 2002	Letter to NYSDEC requesting approval of certain IRM activities prior to final NYSDEC approval of the work plan
June 27, 2002	NYSDEC letter approving Former Drainage Swale IRM approach, and requesting additional information
June 28, 2002	Letter from NYSDEC approving IRM activities to commence prior to final work plan approval
July 17, 2002	Letter to NYSDEC consolidating Former Drainage Swale IRM into one document
July 18, 2002	Revised Former Landfill IRM WP transmitted to NYSDEC
August 6, 2002	Letter to NYSDEC clarifying soil reuse from the SPDES Treatment System IRM as part of the Landfill IRM
August 7, 2002	NYSDEC approval of TCL/TAL total analysis as a substitute for TCLP testing during SPDES Treatment System IRM progress meeting for all IRMs

Table 1-1. Former Landfill IRM Chronology of Events

Date	Event
September 3, 2002	NYSDEC approval of August 6, 2002 letter for soil reuse
September 13, 2002	Letter to NYSDEC for pipe abandonment plan- use of RCP as fill in landfill
September 19, 2002	Reuse form submitted for use of OB-6 and OB-8 as fill underneath low permeability cover/restricted fill
September 30, 2002	NYSDEC approval of September 19, 2002 reuse form
October 2, 2002	NYSDEC approval of September 12, 2002 pipe abandonment plan- use of RCP as fill in landfill
October 2, 2002	Reuse form submitted for use of OB-11 and OB-12 as fill underneath low permeability cover/restricted fill
October 3, 2002	NYSDEC approval of October 2, 2002 reuse form
October 22, 2002	Reuse form submitted for use of OB-17 and abandoned pipe bedding material as fill underneath low permeability cover/restricted fill
October 28, 2002	NYSDEC approval of revised Landfill IRM, dated July 12, 2002 and incorporating other plans into work plan
October 29, 2002	NYSDEC approval of October 22, 2002 reuse form
December 4, 2002	Reuse form submitted for use of OB-20, RCP-1, and IAPB as fill underneath low permeability cover
December 6, 2002	NYSDEC approval of December 4, 2002 reuse form
April 14, 2003	Soil characterization plan around existing H-structures submitted for NYSDEC's information
May 14, 2003	Modification #1 submitted for approval
May 20, 2003	NYSDEC approval of Modification #1 Sheets G-2, G-4 through and including G-10
May 27, 2003	NYSDEC approval of Modification #1 Sheets E-1 and E-2
June 2, 2003	Letter to NYSDEC requesting approval of additional Soil Characterization in the Vicinity of Niagara Mohawk H-structures
June 6, 2003	NYSDEC approval of the June 2, 2003 Soil Characterization in the Vicinity of Niagara Mohawk H-structures
July 1, 2003	Letter to NYSDEC providing Addendum to Additional Soil Characterization in the Vicinity of Niagara Mohawk 115 kV H-structures submitted for review
July 23, 2003	Storm Water Pollution Prevention Plan – Updated Notice of Intent submitted to NYSDEC
July 14, 2003	NYSDEC approval of July 1, 2003 addendum to

Table 1-1. Former Landfill IRM Chronology of Events

Date	Event
	Additional Soil Characterization in the Vicinity of Niagara Mohawk 115 kV H-Structures.
August 26, 2003	Former Landfill IRM – Proposed approach to the Former Landfill IRM submitted to NYSDEC (on-site hot spots)
August 26, 2003	Former Landfill IRM Work Plan – Proposed Hot Spot Removal on Niagara Mohawk Property submitted to NYSDEC
September 2, 2003	Technical Variance # 1 (soil bedding layer) submitted to NYSDEC
September 4, 2003	NYSDEC approval of August 26, 2003 Former Landfill IRM Work Plan– Proposed Hot Spot Removal on Niagara Mohawk Property.
September 12, 2003	NYSDEC approval of Technical Variance # 1 (soil bedding layer)
October 1, 2003	NYSDEC approval of August 26, 2003 proposed approach to the Former Landfill IRM
August 2, 2004	Proposed hot spot removal and construction activities on NIMO property
September 1, 2004	NYSDEC approval of hot spot removal and construction activities on NIMO property
November 17, 2004	Submittal of Technical Variance #5 (seed mixture variance)
December 15, 2004	Final inspection with GM, NYSDEC, OBG, and Royal
December 22, 2004	NYSDEC approval of Technical Variance #5 (seed mixture variance).
February 11, 2005	Reuse form submitted for use of soil piles OB-21, OB-22, COB-1, COB-8, COB-9, COB-10 and COB-11 as fill underneath low permeability cover/restricted fill
March 7, 2005	NYSDEC approval of soil reuse of soil piles OB-21, OB-22, COB-1, COB-8, COB-9, COB-10 and COB-11.

Source: O'Brien & Gere

2. Interim remedial measure

The IRM comprised the following major components:

- Hot spot removal
- Off-site disposal
- Site grading
- Access roads
- Low permeability cover system
- Vegetative cover
- Storm water conveyance system.

Details associated with each of these components are presented below.

2.1. Hot spot removal

A total of thirteen hot spots were excavated in accordance with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a) and various letter work plans, as described in Section 1.5.2 at the locations shown on Sheet G-3 of the Record Drawings, contained in Appendix D. This included former drainage swale material that was also removed from within the work limits of the Former Landfill IRM. Excavation of each hot spot is described below. Confirmation sample analytical results are summarized in Table 1. Where hot spot removal was not completed due to the presence of utilities, informational samples were collected. Results for informational samples are also summarized in Table 1.

2.1.1. Surface soils

Surface soil hot spots along the northern fence line. One surface hot spot was excavated along the northern fence line. As described in the May 6, 2002 letter to Sue Benjamin (Hartnett 2002a) and the Landfill IRM Revised Work Plan (O'Brien & Gere 2002a) a surface hot spot was identified in the ditch line between the Former IFG Facility property and Factory Avenue and between stations 4+05 to 6+20. This hot spot was excavated in accordance with Drawing Note 2 on Contact Drawing G-3. Excavated soil was transported off-site, and confirmation samples were collected in accordance with SP-17. The limits of the excavations are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

Material was excavated until floor confirmation samples indicated less than detectable concentrations of PCBs. Northern wall samples at stations 4+40, 4+85, 5+40, 5+85, 5+90 along Factory Avenue, indicated PCB detections in excess of the criterion of 50 ppm which were not

removed due to the presence of the NIMO gas line. Confirmation sample results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavations are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

Surface soil hot spots along the western fence line. As described in the May 6, 2002 letter to Sue Benjamin (Hartnett 2002a) and the Landfill IRM Revised Work Plan (O'Brien & Gere 2002a) two surface hot spots were identified along the western fence line of the site. These were in the vicinity of surface soil samples SS-99-08 and SS-99-06. Following excavation in accordance with Contact Drawing G-3, confirmation samples indicated the need for additional excavation activities. The additional excavation activities conducted for these hot spots were described in the August 26, 2003 letter to Sue Benjamin (Hartnett 2003d). Further excavation was also proposed in the August 26, 2003 letter.

Based on confirmation sampling, the excavation at SS-99-08 was extended approximately an additional 1 ft in depth, an additional 3 ft to the east, and an additional 14 ft to the north. Confirmation samples indicated that material from the SS-99-08 hot spot was excavated until sample results were below the criterion of 50 ppm PCBs. The western extent of the hot spot at SS-99-08 extended west onto NIMO property. In accordance with the August 26, 2003 letter to Sue Benjamin, excavation proceeded approximately an additional 1 ft to the west to a depth of approximately 2 ft. No confirmation was required for this excavation to the west. Confirmation sample results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavations are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D. Consistent with the May 6, 2002 letter to Sue Benjamin, excavated soils with PCB concentrations greater than 50 ppm were disposed off-site.

The excavation at SS-99-06 extended approximately an additional 2 ft in the north and west directions. Confirmation samples indicated that material from the SS-99-06 hot spot was excavated until sample results were less than the criterion of 50 ppm PCBs. The extent of the hot spot at SS-99-06 did not extend off site. Confirmation sample results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavations are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D. Consistent with the May 6, 2002 letter to Sue Benjamin, excavated soils with PCB concentrations greater than 50 ppm were disposed off-site.

Surface soil hot spots on NIMO property. As described in the August 26, 2003 letter to Sue Benjamin (Hartnett 2003d), two surface hot spots were identified between the GM western property line and the NIMO access road. One surface hot spot extended from the western GM property line to the NIMO access road for an approximate length of 650 ft starting at the entrance to NIMO property for Factory Avenue and extending

towards the south. The other hot spot was located in the vicinity of sample SS-02-05.

In accordance with the August 26, 2003 letter to Sue Benjamin (Hartnett 2003d) and NYSDEC's letter of September 4, 2003 (Benjamin 2003d), the hot spot between the GM property line and the NIMO access road was excavated approximately 10 ft wide and to 1 ft in depth. Excavated material was placed under the low permeability cover on GM property. Following excavation, four floor confirmatory samples (NIMO DITCH MH, NIMO 1+74, NIMO 2+88, and NIMO 4+85) were collected in accordance with NYSDEC's letter of September 4, 2003 (Benjamin 2003d). With the exception of sample 4+85, each sample result was less than 1 ppm PCBs, well below the criterion of 50 ppm PCBs. Based on discussions with NYSDEC in the field, a 10 ft by 10 ft by 1 ft deep excavation was completed around sample location 4+85. The confirmation samples exhibited 35 ppm PCBs (4+85-F), 32 ppm PCBs (4+85-N), and 27 ppm PCBs (4+85-S) for the floor, northern and southern walls, respectively. Confirmation samples contained concentrations greater than 50 ppm PCBs at the western and eastern walls. Excavation extended approximately an additional 2 ft to the west and 2 ft to the east. The final confirmation samples on NIMO property showed 20 ppm PCB (4+85-W2) and 2.7 ppm PCBs (4+85-E3) to the west and east, respectively. The excavated material was shipped off-site for disposal. Woven geotextile fabric was placed as an indicator layer on the western wall and on the bottom of the excavation prior to backfilling. Backfilling was accomplished using imported clean fill. Analytical results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavation are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

The second hot spot identified in the August 26, 2003 letter to Sue Benjamin (Hartnett 2003d) was located at surface soil sample SS-02-05. Based on confirmation sampling, the excavation at SS-02-05 was extended approximately an additional 7 ft to the north. In addition, the excavation was extended approximately 4 ft to the west, until the NIMO access road was encountered, an additional 7 ft to the south, and approximately 2 ft deeper until the NIMO duct bank was encountered. The westernmost sample on NIMO property contained 17 ppm PCBs (SS-02-05-W3) and the deepest sample collected over the duct bank contained 14 ppm PCBs (SS-02-05-F3), the southernmost sample showed 42 ppm PCBs (SS-02-05-S2). Woven geotextile fabric was placed as an indicator layer on the western wall and on the bottom of the excavation prior to backfilling. Backfilling was accomplished using imported clean fill. Electronic copies of the analytical results are included in Appendix C. Analytical results are summarized in Table 1. The limits of the excavation are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

As identified in the August 2, 2004 letter to Sue Benjamin (Hartnett 2004), in addition to the surface hot spot between the western property boundary and the NIMO access road and at SS-02-05, two other surface hot spots were identified within a drainage depression on the NIMO

property. They were in the vicinity of samples 6+10 Bank and SM-101. The 6+10 Bank sample was located at on the eastern bank of the drainage depression, and the SM-101 sample was located towards the bottom of the northern end of the drainage depression.

Based on confirmation sampling conducted for these two hot spots, the two excavations extended to become one excavation. The excavation at 6+10 Bank extended approximately 25 additional feet to the south, approximately 2 additional feet to the east until reaching the NIMO duct bank, and approximately 2 ft to the north reaching the SM-101 excavation. In addition, the 6+10 Bank hot spot excavation was extended approximately 2 feet deeper. The SM-101 hot spot excavation was extended approximately an additional 4 ft to the east and 1 ft in depth. The westernmost confirmation samples contained concentrations less than 1 ppm PCBs. The southernmost (6+10-S2 and 6+10-S3) and westernmost confirmation samples (6+10-F3 and SM-101-E2) along the eastern bank of the drainage depression exhibited concentrations less than 1 ppm PCBs and 2.1 ppm PCBs, respectively. The northernmost confirmation sample (SM-101-N) within the drainage depression contained PCB at a concentration less than 1 ppm. The easternmost samples (6+10-F3 and SM-101-E2) on the eastern bank of the drainage depression exhibited PCB concentrations of less than 1 ppm and 2.1 ppm, respectively. The southernmost sample (SM-101-S) at the bottom of the drainage depression contained PCBs at a concentration of 15 ppm. Backfilling of this hot spot excavation was performed during the construction activities associated with the pipe reconfiguration within this drainage depression described in Section 2.8. Confirmation sample results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavation are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

2.1.2. Subsurface soils

Subsurface soil hot spots along western fencelines. As described in the May 6, 2002 letter to Sue Benjamin (Hartnett 2002a) and the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a), two subsurface hot spots were identified along the western property boundary in the vicinity of OBG-TB-51 and OBG-TB-53. The hot spot in the vicinity of OBG-TB-51 was removed in October 2002 in accordance with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a). The hot spot in the vicinity of OBG-TB-53 was excavated in accordance with the Former Landfill IRM Revised Work Plan and the August 26, 2003 letter to Sue Benjamin (Hartnett 2003d) between August 2002 and October 2003.

Based on confirmation samples associated with the hot spot removal at OBG-TB-51, the excavation was extended approximately an additional 2 ft in depth. Excavated material was disposed off-site. Confirmation sample results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavations are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

Based on confirmation samples associate with the hot spot removal at OBG-TB-53, the excavation was extended approximately an additional 1 ft in depth, 2 ft to the north, and 4 ft to the east and south. To the west, the excavation extended approximately 1 ft onto NIMO property where the hot spot was excavated to a depth of 4 ft until reaching the NIMO duct bank. The westernmost sample on NIMO property (TB-53-W) contained PCBs at a concentration of 19 ppm. Prior to backfilling with imported clean fill on NIMO property, woven geotextile fabric was placed as an indicator layer on the western wall and bottom of the excavation. Material excavated from on site was disposed off-site. Material excavated from the NIMO property was disposed off-site. Confirmation sample results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavation are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

Subsurface soil hot spots on-site. Three subsurface hot spots in the vicinity of sample locations T4-1, TB-11-03A, TB-02-03A were identified within the limits of the former landfill. The hot spot in the vicinity of T4-1 was excavated between August 2002 and October 2002, in accordance with the May 6, 2002 letter to Sue Benjamin (Hartnett 2002a) and the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a). Based on confirmation sample results, the hot spot in the vicinity of T4-1 was extended approximately 2 ft to the west. Excavated material was disposed off-site.

The hot spot in the vicinity of TB-11-03A was excavated in accordance with the August 26, 2003 letter to Sue Benjamin (Hartnett 2003e) and discussions with NYSDEC in the October 22, 2004 progress meeting (O'Brien & Gere 2004a). Excavated material was disposed off-site.

The hot spot in the vicinity of TB-02-03A was excavated as requested by NYSDEC in its letter of October 1, 2003 (Benjamin 2003c). Due to the depth of excavation, sheeting was used during excavation of this hot spot. Sheeting was cut to approximately 3 ft below grade and left in place following backfill of this hot spot. Consistent with discussions with NYSDEC during the October 22, 2004 progress meeting (O'Brien & Gere 2004a), no confirmation sampling was collected for this hot spot, however, one informational sample was collected from the hot spot material. Analytical results are summarized in Table 1. Electronic copies of analytical results are included in Appendix C. The limits of the excavations are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D.

Former drainage swale material. The former drainage swale material was observed during trenching activities conducted at the site during the Supplemental RI at depths of 5 to 6 ft below grade having a thickness of approximately 6 to 12 inches. The excavation and confirmatory sampling was conducted in accordance with the Former Drainage Swale IRM Work Plan (Hartnett 2002d), and documented in the Draft Former Drainage Swale IRM Engineering Report (O'Brien & Gere 2005a).

The overburden material with PCB concentrations greater than 10 mg/kg and less than 50 mg/kg that was excavated from areas outside the limits of the cover was consolidated beneath the low permeability cover system. The overburden material was sampled for PCBs prior to being used as backfill. Overburden material having PCB concentrations greater than or equal to 50 mg/kg was disposed of off-site as discussed in Section 2.3. This approach was consistent with the NYSDEC-approved work plan (Hartnett 2000) for the Ley Creek PCB Dredgings Site where a portion of the former drainage swale was excavated for off-site disposal. The limits of the excavation are depicted on Sheet G-3 of the Record Drawings, contained in Appendix D. Confirmation sample results are summarized in Table 1. Analytical results are included in Appendix C.

2.1.3. Northwest Debris Pile #2 (NW DP-2)

NW-DP2 was excavated to approximately 1 ft below existing grade and disposed of off-site in accordance with Section 2.2. Post-excavation confirmatory sampling was conducted in accordance with the Former Landfill IRM Revised Work Plan, and indicated that PCB concentrations were below the criterion of 50 ppm. Confirmatory results are summarized in Table 1.

2.2. Off-site disposal

Soil/debris contaminated with PCBs at concentrations greater than or equal to 50 mg/kg designated for off-site disposal was loaded into dump trailers for off-site disposal in accordance with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a). The dump trailers were transported to the Chemical Waste Management (CWM) Transportation, Storage, and Disposal Facility (TSDF) in Model City, New York. The CWM TSDF is a Toxic Substance Control Act (TSCA)-permitted facility.

An estimated 2,703 tons (approximately 4,054 CY) of hot spot material were disposed of at the CWM TSDF. A summary table and the manifests and certificates of disposal for the hot spot material disposed of at the CWM TSDF are included in Exhibit B.

2.3. Site grading

Grading was conducted using standard construction equipment (*i.e.*, dozers) to establish the grades presented in Sheets G-2 of the Record Drawings, contained in Appendix D. Consistent with the proposal for placement of additional fill materials beneath the low permeability cover system from the SPDES Treatment System IRM and the Former Drainage Swale IRM documented in a letter dated April 26, 2002 (Hartnett 2002c), overburden material originating on-site and between the property boundary and Factory Avenue was used during site grading. In addition, consistent with soil reuse requests and subsequent approvals from NYSDEC, soil and debris from various redevelopment activities was also used during site grading. A summary of soil originating on-site that was used in construction of the Former Landfill IRM is contained in Tables 2, 3, and 4. Dates associated with soil reuse requests and corresponding NYSDEC approval are included in Tables 2, 3, and 4. During grading activities concrete debris was buried at a minimum of 3 ft below the cover system, consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a).

2.4. Access roads

2.4.1. Gravel access roads

Two gravel access roads were constructed at the site to facilitate operation or maintenance procedures that may be necessary. The gravel access roads are shown on Sheet G-5 of the Record Drawings, contained in Appendix D. The cross-sections are illustrated on Sheet G-7 of the Record Drawings, contained in Appendix D.

Northern/western gravel access road. This gravel access road is located along the northern and western sides of the asphalt parking lot and runs parallel to Factory Avenue and the western property boundary. This gravel access road ties into the paved access road described in the following sub-section. With the following exceptions, this gravel access road was constructed in accordance with the Former Landfill IRM Revised Work Plan (O'Brien & Gere, 2002a).

- Approximately 320 linear ft was constructed as follows, consistent with Technical Variance # 4 and as shown on Sheet G-7 of the Record Drawings, contained in Appendix D:
 - Top layer: 18 inches run-of-crusher
 - Second layer: Mirafi S1200 fabric
 - Third layer: triplanar geonet
 - Fourth layer: 40 mil low linear density polyethylene (LLDPE) geomembrane
 - Fifth layer: Mirafi S1200 fabric.

- Approximately 300 liner ft were constructed as follows, consistent with Technical Variance # 4 and as shown on Sheet G-7 of the Record Drawings, contained in Appendix D:
 - Top layer: 12 inches run-of-crusher
 - Second layer: Mirafi 500X fabric
 - Third layer: 8 inches crushed stone
 - Fourth layer: triplanar geonet
 - Fifth layer: 40 mil LLDPE geomembrane
 - Sixth layer: Mirafi S-1200 fabric.

Technical Variance # 4 is contained in Exhibit C-4. Record Drawings are included in Appendix D.

Eastern gravel access road. This gravel access road is located along the eastern edge of the vegetated cover and runs from the north edge of pavement to the vicinity of the SPDES Treatment System IRM treatment building. Construction of this gravel access road was discussed during a field tour that followed a project progress meeting conducted on October 6, 2004, as documented in the corresponding meeting minutes (O'Brien & Gere 2004b) and in meeting minutes of November 3, 2004 (O'Brien & Gere 2004c). As agreed in the field by representatives of GM, NYSDEC, the IRM Contractor and O'Brien & Gere, this gravel access road was constructed using 40 mil textured LLDPE geomembrane, triplanar geonet, woven geotextile fabric, and then crushed stone, from the bottom to the top surface.

2.4.2. Asphalt access road

An asphalt access road was constructed at the site to serve as a tie-in to Factory Avenue. The access road was constructed consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a), with the following exception:

- The edges of pavement were constructed of asphalt instead of the run-of-crusher stone and concrete valley gutter. This change was discussed by O'Brien & Gere and the IRM Contractor in the field on November 8, 2004, and was performed with Owner and NYSDEC concurrence.

The asphalt access road is shown on Sheet G-5 of the Record Drawings, contained in Appendix D. The cross-section is illustrated on Sheet G-8 of the Record Drawings, contained in Appendix D.

2.5. Low permeability cover system

The low permeability cover system installed over the former landfill area consisted of five separate cross-sections. The five cross-sections are described in the following sub-sections.

2.5.1. Low permeability vegetative cover

The low permeability vegetative cover cross section was constructed consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a), with the exception of the soil bedding layer. The soil bedding layer was constructed using Mirafi S1200 in lieu of the 6-inch soil bedding layer called for in the Former Landfill IRM Revised Work Plan, in accordance with Technical Variance #1. Technical Variance #1 was approved by NYSDEC on September 12, 2003 (Benjamin 2003e). Technical Variance #1 is included in Exhibit C-1.

Following installation of the Mirafi S1200, a 40-mil textured LLDPE geomembrane and tri-planar geonet was placed in that order on top of the Mirafi S1200 layer. This was covered with a minimum 12-inch layer of barrier protection material, followed by a minimum of 6 inches of topsoil. The topsoil was fertilized and seeded. The seeding was conducted in accordance with Technical Variance #5. Technical Variance #5 was approved by NYSDEC (Benjamin 2004), and is included in Exhibit C-3. The areas covered using a vegetative cover are illustrated on Sheet G-6 of the Record Drawings, contained in Appendix D.

To accommodate future relocation of four 115 kV power line structures, the following was performed in accordance with Design Modification #1:

- Excavation of approximately 20 ft by 190 ft by approximately 13 ft deep of former landfill material, and replacement with a minimum of approximately 6 ft of compacted embankment material.
- Installation of a minimum of 24 inches of low permeability. Installation of a minimum of 12 inches of barrier protection material.

This area is illustrated on Sheet G-3 of the Record Drawings, included in Appendix D.

To accommodate relocation of one 34.5 kV power pole, the following was performed in accordance with Design Modification #1:

- Excavation of approximately 10 ft by 10 ft by 10 ft deep of former landfill material, and replacement with a minimum of 6 ft of compacted embankment material.
- Installation of a minimum of 24 inches of low permeability material overlain by a minimum of 12 inches of barrier protection material and a minimum of 6 inches of topsoil.

This area is illustrated on Sheet 3 of the Record Drawings, included in Appendix D. Design Modification # 1 was approved by NYSDEC in its letter of May 20, 2003 (Benjamin 2003f).

2.5.2. Asphalt parking lot

The asphalt parking lot cross section was constructed consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a), with the exception of the soil bedding layer. The soil bedding layer was constructed using Mirafi S1200 in lieu of the 6-inch soil bedding layer called for in the Former Landfill IRM Revised Work Plan, in accordance with Technical Variance #1. Technical Variance #1 was approved by NYSDEC on September 12, 2003 (Benjamin 2003e) and is included in Exhibit C-1.

A 40-mil smooth LLDPE geomembrane and tri-planar geonet was placed in that order on top of the Mirafi S1200 layer. This was covered with a minimum 10-inch layer of run-of-crusher stone followed by minimum of 6 inches of bituminous base course, and then by a minimum of 2 inches of bituminous wear course. As required in the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a), the bituminous base course was NYSDOT Asphalt Concrete Type I Item No. 403.11 and the bituminous wear course was NYSDOT Asphalt Concrete Type 6F Item No. 403.1701. Documentation regarding the specifications of the concrete asphalt mixes is included in Exhibit D-12.

As documented in the progress meeting minutes of November 18, 2003, during a field meeting conducted also on November 18, 2003, it was agreed between the IRM Contractor, O'Brien & Gere, GM and NYSDEC that the asphalt testing would consist of nuclear density testing for compaction on a test strip installed that day, while cores would be collected for thickness and compaction testing (O'Brien & Gere 2003). It was also agreed that the asphalt base course would be installed in a single 6 inch lift instead of two 3-inch lifts, with the compaction testing providing documentation that compaction was achieved in the single lift. During subsequent communication with NYSDEC, it was decided that the cores would be omitted (Benjamin 2003g). Compaction results are provided in Exhibit D-12. The area covered with the asphalt cover is illustrated on Sheet G-6 of the Record Drawings, contained in Appendix D.

To accommodate the potential replacement of two 115 kV power poles near the southern boundary of the landfill, the following was performed in accordance with Design Modification #1 with exceptions noted as such:

- Excavation of former landfill material around the two 115 kV power poles. The eastern pole and western pole excavations were approximately 10 ft by 10 ft by 2 ft deep and 10 ft by 10 ft by 4 ft deep, respectively. The eastern excavation was backfilled with a minimum 2 ft of low permeability material. The western excavation was backfilled with approximately 2 ft of compacted embankment material followed by a minimum 2 ft of low permeability material.
- The low permeability material was overlain by a minimum of 10 inches of run-of-crusher stone, minimum of 6 inches of bituminous

base course, and then a minimum of 2 inches of bituminous wear course.

To accommodate relocation of two 34.5 kV power poles, the following was performed in accordance with Design Modification #1:

- Excavation of a minimum of 10 ft by 10 ft by 10 ft deep of former landfill material, and replacement with a minimum of 6 ft of compacted embankment material.
- Installation of a minimum of 24 inches of low permeability material overlain by a minimum of 10 inches of run-of-crusher stone and a minimum of 6 inches of bituminous base course, and then a minimum of 2 inches of bituminous wear course.

This area is illustrated on Sheet G-3 of the Record Drawings, included in Appendix D. Design Modification # 1 was approved by NYSDEC in its letter of May 20, 2003 (Benjamin 2003f).

2.5.3. Access roads

The access roads described in Section 2.4 serve as a functional portion of the low permeability cover system. The locations of the access roads are illustrated on Sheet G-6 of the Record Drawings, contained in Appendix D.

2.5.4. Asphalt resurfacing

A portion of the former landfill area (1.29 acres), which was originally covered with asphalt, was resurfaced with the following from subgrade to final grade, consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a): tri-planar geonet, 4 to 10 inches of run-of-crusher stone, as required to meet final grade, and 6 to 8 inches of asphalt. The area that was resurfaced is illustrated on Sheet G-6 of the Record Drawings, contained in Appendix D. At the northern interface of the asphalt resurfacing and the vegetative low permeability cover, the Mirafi S1200 fabric, 40-mil textured LLDPE geomembrane, and tri-planar geonet were placed on the original asphalt with an approximately 3-ft overlap.

2.5.5. Rip-rap slopes

The rip-rap slope cross section was constructed consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a), with the exception of the soil bedding layer and the geotextile layer. The soil bedding layer was constructed using Mirafi S1200 in lieu of the 6-inch soil bedding layer called for in the Former Landfill IRM Revised Work Plan, in accordance with Technical Variance #1. Technical Variance #1 is included in Exhibit C-1.

For a 185 ft portion of the western rip-rap slope, the geotextile layer was constructed using Typar SF65 Spunbonded Polypropylene nonwoven geotextile fabric in lieu of the Mirafi 500X specified in the Former Landfill IRM Revised Work Plan, in accordance with Technical Variance #2. Technical Variance #2 is included in Exhibit C-2.

2.6. Vegetative cover

Outside the northern limits of the landfill, a vegetative cover was installed to address peripheral surface contamination, consistent with the Former Landfill IRM Revised Work Plan (O'Brien & Gere 2002a). The vegetative cover consisted of the following from subgrade to final grade: a minimum of 12 inches of barrier protection material, which was fertilized and seeded. The seeding was conducted in accordance with Technical Variance #5. Technical Variance #5 was approved by NYSDEC and is included in Exhibit C. The areas covered with the vegetative cover are illustrated on Sheet G-6 of the Record Drawings, contained in Appendix D.

2.7. Storm water conveyance system

The storm water conveyance system at the site consisted of the following:

- Grading of the drainage ditch between Factory Ave. and the site to promote storm water runoff drainage to the culverts that run under Factory Ave. across to the Ley Creek PCB Dredgings Site and to Ley Creek.
- Use of existing structure A2A (along the 003 storm sewer line).

Catch basins in the southeastern portion of the low permeability cover were omitted, as discussed during the November 4, 2003 progress meeting. The location of the storm water conveyance system is illustrated on Sheet G-5 of the Record Drawings, contained in Appendix D.

2.8. Ditch restoration on Niagara Mohawk property

In accordance with the August 2, 2004 letter to Sue Benjamin (Hartnett 2004), a pipe was installed within a depression on the NIMO property to connect two drainage pipes. The depression was subsequently backfilled. Prior to the connection of the drainage pipes, hot spots associated with two samples, 6+10 Bank and SM-101, were excavated as described in Section 2.1.1. Following removal of the hot spots, the pipe

connection and backfilling was conducted in accordance with the August 2, 2004 letter, with the exception of the following:

- Woven geotextile fabric was not installed prior to installation of the stone bedding.

3. Health and safety requirements

The IRM Contractor supplied a health and safety plan for its employees that was followed during implementation of the Former Landfill IRM Revised Work Plan. A copy of the health and safety plan and supporting documentation is retained at the Former IFG Facility. No OSHA recordable injuries or other significant health and safety issues occurred during the implementation of the Former Landfill IRM.

4. Sampling and analysis requirements

Post-excavation confirmatory sampling for surface and subsurface hot spots that were excavated were collected in accordance with the Former Landfill IRM Revised Work Plan. In addition, informational samples were collected in instances where removal of hot spots was hindered by the presence of utilities.

Post-excavation confirmatory sampling related to excavation of the former drainage swale within the Former Landfill IRM Revised Work Plan work limits was performed in accordance with the Former Landfill IRM Revised Work Plan. In addition, informational samples were collected in instances where removal of the former drainage swale material was hindered by the presence of utilities.

The excavated overburden material was sampled for PCBs prior to being utilized for grading, at a frequency of one sample per approximately 500 cu yd, with the exception of the surface hot spot between 4+5 and 6+20 along Factory Avenue. Consistent with the Former Landfill IRM Revised Work Plan, the surface 1-ft in this area was excavated and used for grading under the low permeability cover without prior sampling.

Table 1 presents a summary of the results of confirmatory and informational samples. A DUSR for this data was prepared by O'Brien & Gere for the sampling activities during construction. The DUSR is included in Appendix B. The DUSR concluded that overall data usability with respect to completeness was 100 percent for the PCB data. In addition, based on the review performed the data were determined to be usable for qualitative and quantitative purposes.

5. Construction quality assurance/construction quality control (CQA/CQC)

This section provides a discussion regarding the CQA/CQC and MQA/MQC activities conducted during implementation of the Former Landfill IRM. The Engineer was O'Brien & Gere and the IRM Contractor was Royal Environmental, Inc. (Royal Environmental). Liner installation was performed by New England Liner Systems, Inc., a subcontractor to Royal Environmental. Third party CQA/CQC was performed by Atlantic Testing, a subcontractor to Royal Environmental. Destructive testing of seams was performed by GeoTesting Express, Inc., a subcontractor to Royal Environmental.

5.1. Soil bedding layer

In accordance with Technical Variance #1 submitted by the IRM Contractor, Mirafi S1200 non-woven geotextile fabric was installed in lieu of the 6-inch soil bedding layer called for in the Former Landfill IRM Revised Work Plan. O'Brien & Gere reviewed this technical variance, found the Mirafi S1200 geotextile fabric to be an acceptable substitute, and submitted the technical variance to NYSDEC for approval. Technical Variance #1 was approved by the NYSDEC. A copy of the technical variance and associated NYSDEC correspondence is included in Exhibit C. No testing was required for this material.

5.2. Geomembrane

In accordance with the Former Landfill IRM Revised Work Plan, 40-mil textured/smooth LLDPE geomembrane was utilized as a component of the low permeability cover system. The following sections discuss CQA/CQC and MQA/MQC procedures for installation of the geomembrane.

MQC of geomembrane raw materials by the manufacturer at the plant. The IRM Contractor provided the following documentation from the geomembrane manufacturer regarding quality control of raw materials used to manufacture the geomembrane.

- Certification that the polyethylene resin is new, first quality resin manufactured in the United States from virgin, uncontaminated ingredients and is free of contaminants
- Origin, identification, and shipping date(s) of the raw materials used to manufacture the geomembrane

- Quality control certificates of raw materials used to manufacture the geomembrane
- This documentation is included in Exhibit D-1.
- Reports of tests conducted to verify the quality of the raw materials as follows:

Table 5-1. *MQC of geomembrane raw materials by the manufacturer at the plant.*

Parameter	Standard	Frequency	Criteria
Density	ASTM D792 or ASTM D1505	One sample from each resin batch	0.912 to 0.925 g/cm ³
Melt Index	ASTM D1238	One sample from each resin batch	0.1 to 1.0 g/10 minutes

Notes:

- | | | |
|-----|------------|--|
| (1) | ASTM D792 | <i>Test Method for Specific Gravity (Relative Density) and Density of Plastics by Displacement</i> |
| (2) | ASTM D1505 | <i>Test Method for Density of Plastics by the Density-Gradient Technique</i> |
| (3) | ASTM D1238 | <i>Test Method for Flow Rates of Thermoplastics by Extrusion Plastometer</i> |
| (4) | ASTM D3015 | <i>Practice for Microscopical Examination of Pigment Dispersion in Plastic Compounds</i> |

The IRM Contractor provided O'Brien & Gere with certified copies of the factory test results for resin density and melt index. Test results for carbon black content and carbon black dispersion for the resin were not provided by the IRM Contractor. Test results are included in Exhibit D-1.

MQC of geomembrane physical properties by the manufacturer at the plant. The IRM Contractor provided the following documentation from the geomembrane manufacturer regarding quality control of physical properties of the geomembrane.

Samples of the production run of the geomembrane material were obtained and tested and the results certified in accordance with the following performance standards:

Table 5-2. *MQC of geomembrane physical properties by the manufacturer at the plant.*

<i>Parameter</i>	<i>Standard</i>	<i>Criteria</i>
<i>LLDPE Smooth and Textured</i>		
Gauge (Nominal)	ASTM 5199	40 mils
Thickness (absolute minimum)	ASTM D5199	36 mils
Density (minimum)	ASTM D1505	0.920 g/cm ³
Carbon black content (maximum)	ASTM D1603	2% by weight
Carbon black dispersion	ASTM D5596	Note 10
Minimum tensile properties	ASTM D638 (as modified by NSF54)	--
1. Tensile strength @ break 2. Elongation @ break	Type IV specimen @ 2 in./minute G.L. = 2 in (51 mm)	160 lb./in. width 500%
Tear resistance (minimum)	ASTM D1004	22 lb (98N).
Puncture resistance	FTMS 101C 2065	48 lb. (214N)

Notes:

- | | | |
|-----|--|--|
| (1) | ASTM D2663 | <i>Test Method for Carbon Black Dispersion in Rubber.</i> |
| (2) | ASTM D638 | <i>Test Method for Tensile Properties of Plastics.</i> |
| (3) | ASTM D1004 | <i>Test Method for Initial Tear Resistance of Plastic Film and Sheeting.</i> |
| (4) | Federal Test Method Standard (FTMS) – 101C 2065. | |
| (5) | ASTM D746 | <i>Test Method for Brittleness Temperature of Plastics and Elastomers by Impact.</i> |
| (6) | ASTM D1204 | <i>Test Method for Linear Dimensional Changes of No rigid Thermoplastic Sheeting of Film at Elevated Temperature</i> |
| (7) | ASTM D1693 | <i>Test Method for Environmental Stress-Cracking of Ethylene Plastics</i> |
| (8) | NSF | <i>National Sanitation Foundation</i> |

The geomembrane sheets were randomly sampled and tested a minimum of once every 50,000 square ft for the above physical properties. The IRM Contractor provided O'Brien & Gere with certified copies of the factory test results from the geomembrane manufacturer. A stress rupture curve was not provided by the IRM Contractor. The test results received by O'Brien & Gere are included in Exhibit D-1.

CQC prior to geomembrane installation. Prior to placement of the geomembrane, the Geosynthetic Installer provided a copy of its Quality Control Program Manual to O'Brien & Gere regarding the installation of the geomembrane. The Quality Control Program Manual included:

- Installation procedures
- Field seaming procedures
- Procedures for repair
- Documentation procedures.

The IRM Contractor performed laboratory friction tests using the American Standard Test Method (ASTM) D5321 - Direct Shear Test Method, as approved by O'Brien & Gere. This was performed to document if a minimum factor of safety of 1.5 could be obtained for the steepest slopes proposed between the following cap system components: soil and tri-planar geonet, textured geomembrane and tri-planar geonet, textured geomembrane and geocushion, textured geomembrane and stabilization fabric, soil and stabilization fabric. and tri-planar geonet drainage layer. O'Brien & Gere evaluated the results of the friction tests. Friction testing was performed with a direct shear box having minimum dimensions of 12 inches by 12 inches and applied normal stresses of 1.0, 2.0, 4.0, and 8.0 psi for each cap system interface. Displacement rates were less than 0.04 inches per minute. The low permeability cap system components were tested in a saturated condition.

The geomembrane was oriented such that the shear force was parallel to the downslope orientation of the geomembrane in the field. A minimum of one test per cap system interface was performed. Test results are presented in Exhibit D-2.

The Geosynthetic Installer provided O'Brien & Gere with verbal acceptance of the subgrade prior to geomembrane installation. Daily subgrade acceptance forms are included in field notes provided in D-2. Written acceptance is also included in Exhibit D-3. No installation of the geomembrane commenced until the surface was accepted by the Geosynthetic Installer. The IRM Contractor was required to repair or re-work any area of the prepared surface requested by O'Brien & Gere, CQC Inspector, or Geosynthetic Installer. In accordance with the geomembrane manufacturer, no special storage was required for the geomembrane stored on-site.

As documented in field notes, the Geosynthetic Installer provided one minimum 18-inch wide by 18-inch long sample of geomembrane to the IRM Contractor for each lot number of geomembrane that arrived at the site for fingerprinting. The Geosynthetic Installer provided O'Brien & Gere with a geomembrane panel layout showing the proposed locations of field seams to be installed. The as-built geomembrane panel layout is provided in Exhibit D-4.

CQC during geomembrane installation. Prior to seaming, the Geosynthetic Installer observed the areas to be seamed to determine that they were free from dirt, dust, moisture, debris, and foreign material. No seaming was performed when the air temperature or sheet temperature was below 32 degrees Fahrenheit (°F), when the sheet temperature exceeds 158 °F, when the air temperature was above 120 °F, during periods of precipitation, or when winds were in excess of 20 miles per hour.

All seaming material was of a type recommended and supplied by the manufacturer and was delivered in the original sealed containers, each with an indelible label bearing the brand name, manufacturer's mark number, and complete directions as to proper storage.

Seams were made using double wedge welding as the primary method. Extrusion welding was used only for patching and seaming around appurtenances. The minimum finished overlap of the panels of the geomembrane was 5 inches maximum for wedge welding and 3 inches minimum for extrusion welding.

Test seams were made at the start of each seaming period, at the CQC Inspector's discretion, whenever there was a change in seaming personnel or equipment, if significant changes in geomembrane temperature was observed, and at least once every four hours for each seamer and seaming equipment used that day. The field test weld was a minimum of 2 ft long by 1 ft wide with the seam centered lengthwise and was made for each welding machine. Test weld samples were labeled with:

- Date and time
- Roll/panel number
- Seam number
- Ambient temperature
- Welding apparatus
- Temperature and pressures
- Welder's initials
- Top sheet.

Five test strips approximately 1-inch wide were cut from each opposite end of test weld samples by the Geosynthetic Installer and subjected to shear and peel tests at the site, as described in the following sections for destructive testing. When the field tests failed to meet the minimum specified seam requirements, the entire operation was repeated. If the additional test seam fails, the seaming apparatus or seamer was not accepted or used until the deficiencies were corrected and two consecutive successful full test seams were achieved. No seaming personnel began work until his test weld had passed the on-site shear and peel tests as indicated by the CQC Inspector. Seam testing data is included in Exhibit D-6.

CQA prior to geomembrane installation. O'Brien & Gere reviewed submittal information provided by the Geosynthetic Installer.

CQA during geomembrane installation. The CQC Inspector inspected delivery tickets and the geomembrane manufacturer's quality control documentation to verify that the geomembrane rolls received on-site met the project specifications. During installation of the geomembrane, the CQC Inspector determined that the geomembrane was installed in accordance with the requirements of the approved engineering plans, reports, and specifications.

The CQC Inspector also inspected the geomembrane visually for the following:

- Uniformity

- Damage
- Imperfections
- Tears
- Punctures
- Nodules
- Contaminants
- Blisters.

Imperfections, such as those noted above, were repaired and reinspected. Non-destructive tests were performed on 100 percent of the field seams using either the vacuum test or pressurized dual seam test methods.

The CQC Inspector performed the following during non-destructive seam testing:

- Observed non-destructive testing
- Recorded location, date, test unit number, name of tester, and results of all testing
- Informed the Geosynthetic Installer of required repairs.

Destructive seam testing was performed as the seaming work progresses and not at the completion of seam fabrication. Destructive seam testing was performed at the locations established as follows:

- A minimum frequency of one test for approximately every 500 ft of seam length and for each seaming machine per day.

The samples were a minimum of 18 inches wide by 72 inches long with the seam centered lengthwise. Each sample was cut into three pieces (18 inches x 24 inches) with one piece retained by the Geosynthetic Installer, one piece given to the CQC Geosynthetic Laboratory. Each sample was tagged to identify:

- Roll/panel number
- Seam number
- Date and time cut
- Ambient temperature
- Seaming unit
- Name of seamer
- Welding apparatus temperature and pressures
- Top sheet.

The Geosynthetic Installer cut six 1-inch wide replicate specimens from his sample with the appropriate ASTM cutting tool. Three specimens were tested for shear strength and three for peel adhesion. No seams delaminated or failed in the adjacent sheet material on either side of the seam in a film tear bond.

If the field tests pass, testing was performed by the CQC Geosynthetic Laboratory on duplicate samples as follows:

Table 5-3. *CQC of geomembrane if field tests pass.*

Parameter	Standard	Criteria
<i>Fusion Seaming</i>		
Shear Strength (minimum) Film Tear Bond	ASTM D4437 (as modified by NSF 54)	56 lb/in
Peel Adhesion (minimum) Film Tear Bond	ASTM D4437 (as modified by NSF 54)	48 lb/in
<i>Extrusion Seaming</i>		
Shear Seaming (minimum) Film Tear Bond	ASTM D4437 (as modified by NSF 54)	56 lb/in
Peel Adhesion (minimum) Film Tear Bond	ASTM D4437 (as modified by NSF 54)	48 lb/in

Notes:

(1) ASTM D4437 *Practice for Determining the Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes.*

If the field tests failed, the seam was reconstructed between the failed location and passed test location. Seam reconstruction was achieved by cutting out the existing seam and seaming in a replacement strip or adding a cap strip. In lieu of this, the seaming path was retraced to an intermediate location at least 10 ft in each direction from the location of the sample, which failed the test. At each location a minimum 12 inch by 12 inch size sample was taken for two additional shear strength tests and two additional peel adhesion tests using an approved field tensiometer. If these tests passed, then the remaining sample portion was sent to the CQC geosynthetic laboratory for two shear strength and two peel adhesion tests. If these tests failed, then the process was repeated. After reconstruction, the entire reconstructed seam was non-destructively tested. In any case, acceptable seams were bounded by two passed test locations and included one test location along the reconstructed seam.

The geomembrane surface was cleaned by the Geosynthetic Installer prior to examination of seams and non-seam areas by the CQC Inspector. The CQC Inspector identified defects, holes, blisters, undispersed raw materials and sign of contamination by foreign materials.

Each suspect location in seam and non-seam areas was non-destructively tested, as appropriate. Locations that failed the non-destructive testing were documented by the CQC Inspector and repaired by the Geosynthetic Installer according to the following methods:

- Patching was used to repair holes, tears, blisters, undispersed raw materials, or contaminated areas by foreign materials. Patches and caps were extended a minimum of 6 inches beyond the edge of the defect and were made of the same geomembrane. Corners of patches were rounded with a radius of approximately 3 inches. If extrusion materials were used, the surface of the geomembrane was repaired and abraded no more than one hour prior to the repair
- Spot welding or seaming was used to repair small tears or other localized flaws
- Failed seams were reconstructed. Seams were required to pass non-destructive testing as appropriate.

Records of testing performed during installation are included in Exhibit D-5.

5.3. Tri-planar geonet

Construction quality control. The Contractor's CQC Manager provided documentation regarding quality control of physical properties of the tri-planar geonet. The tri-planar geonet consisted of a geonet bonded on each side with a non-woven, needle-punched geotextile. Samples of the production run of the tri-planar geonet were obtained and tested and the results certified in accordance with the following minimum average roll values:

Table 5-4. CQC of tri-planar geonet prior to construction.

Parameter	Standard	Criteria
<i><u>Geonet</u></i>		
Peak tensile strength – MD	ASTM D4595	40 ppi
Mass per unit area	ASTM D3776	24.5 oz/yd ²
Thickness	ASTM D5199	200 mils
Carbon black	ASTM D4218	2% by weight
<i><u>Geotextile</u></i>		
Weight	ASTM D5261	6.0 oz/ yd ²
Grab tensile strength	ASTM D4632	110 lbs
Grab tensile elongation	ASTM D4632	50%
Trapezoid tear strength	ASTM D4533	80 lbs
Mullen burst strength	ASTM D3786	335 psi
Puncture strength	ASTM D4833	85 lbs
Permittivity	ASTM D4491	2.3 sec ⁻¹

Parameter	Standard	Criteria
UV resistance (500 hrs)	ASTM D4355	85%
<i>Finished Tri-planar geonet</i>		
Peel adhesion	ASTM F904	4.54 g/in
Transmissivity at normal pressure of 500 psf and hydraulic gradient of 1.0	ASTM D4716	$2.0 \times 10^{-3} \text{ m}^2/\text{sec}$
Notes:		
(1) ASTM D3776	<i>Test Method for Mass per Unit Area (Weight) of Woven Fabric.</i>	
(2) ASTM D5199	<i>Test Method for Measuring Nominal Thickness of Geotextiles and Geomembranes.</i>	
(3) ASTM D4632	<i>Test Method for Grab Breaking Load and Elongation of Geotextiles.</i>	
(4) ASTM D4533	<i>Test Method for Trapezoid Tearing Strength of Geotextiles.</i>	
(5) ASTM D3786	<i>Test Method for Hydraulic Bursting Strength of Knitted Goods and Nonwoven Fabrics: Diaphragm Bursting Strength Tester Method.</i>	
(6) ASTM D4833	<i>Test Method for Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products.</i>	
(7) ASTM D4491	<i>Test Methods for Water Permeability of Geotextiles by Permittivity.</i>	
(8) ASTM D4355	<i>Test Method for Deterioration of Geotextiles from Exposure to Ultraviolet Light and Water (Xenon-Arc Type Apparatus).</i>	
(9) ASTM F904	<i>Test Method for Comparison of Bond Strength or Ply Adhesion of Similar Laminates made from Flexible Materials.</i>	
(10) ASTM D4716	<i>Test Method for Constant Head Hydraulic Transmissivity (In-Plane Flow) of Geotextiles and Geotextile Related Products.</i>	

The Contractor's CQC Manager provided O'Brien & Gere with certified copies of the factory and laboratory test results. In addition, the IRM Contractor's CQC Manager provided the manufacturer's certification that the tri-planar geonet met the chemical, physical, and manufacturing requirements. Records of test results and certifications are included in Exhibit D-6.

Construction quality assurance. Prior to procurement of material and during construction, O'Brien & Gere reviewed and verified submittal and sample information from the IRM Contractor's CQC Manager. The information was reviewed to determine if the proper information was submitted. Results of the testing were provided to O'Brien & Gere for acceptance.

During installation of the tri-planar geonet, the CQC Inspector:

- Monitored that the tri-planar geonet was installed in accordance with the requirements of the Contract Documents and as shown on the Record Drawings, contained in Appendix D.
- Made observations that the geonet was not damaged during the installation process.

5.4. Barrier protection layer

Construction quality control. The barrier protection layer consisted of a minimum 12-inch thick soil layer installed on top of the tri-planar geonet drainage layer. The barrier protection layer was generally uniform in composition and texture. Prior to installation of the barrier protection layer, the IRM Contractor's CQC Manager collected samples of the proposed soils and submitted the samples to the CQC Geotechnical Laboratory for testing as follows:

Table 5-5. *CQC of barrier protection layer prior to construction*

Parameter	Standards	Criteria
Particle Size Analysis	ASTM D422	Material proposed for 12-inch lift of barrier protection layer: % Passing 100 20-30
		Sieve 2-inch No. 200
Compaction Characteristics	ASTM D698	Develop compaction characteristics

Notes:

ASTM D422
ASTM D698

Method for Particulate Size Analysis of Soil
Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort
(12,400 ft-lbf/ft³) (600kN-m/m³)

Construction quality assurance. Prior to procurement of material and during construction, O'Brien & Gere reviewed and verified submittal and sample information from the IRM Contractor's CQC Manager. The information was reviewed to determine if the proper information was submitted. O'Brien & Gere returned the submittals to the IRM Contractor, and depending on the review (acceptance or non-acceptance), the IRM Contractor proceeded with ordering the materials. Results of these tests are included in Exhibit D-7.

The IRM Contractor submitted an affidavit from the owner of the source of barrier protection material stating that to the best of his knowledge, the site of the source material was never used as a dump site for chemical, toxic, hazardous or radioactive materials and it was not then, or ever had been, listed as a suspected depository for chemical, toxic, hazardous, or radioactive materials by any federal, state, or other governmental agency, department, or bureau. In addition, the IRM Contractor provided analytical results for TCLP testing of the barrier protection material that indicated that it was not hazardous waste. A copy of this documentation is included in Exhibit D-7.

During installation of the barrier protection layer, material from the borrow source was tested by the Contractor's CQC Geotechnical Testing Laboratory in accordance with the following:

Table 5-6. CQC of barrier protection layer during construction.

Parameter	Standard	Minimum frequency	Criteria
In-Place Density	ASTM D1556 or ASTM D2922 or ASTM D2167	5 tests per acre per lift of soil placed (Results for 7 tests provided)	95% of the Standard Proctor Compaction as determined by ASTM 698
In-Place Moisture Content	ASTM D3017	5 tests per acre per lift of soil placed (Results of only 7 tests provided)	Monitor compaction

Notes:

(1) ASTM D1556	<i>Test Method for Density and Unit Weight of Soil In Place by the Sand-Cone Method</i>
(2) ASTM D2922	<i>Test Methods for Density of Soil and Soil-Aggregate In Place by Nuclear Methods (Shallow Depth)</i>
(3) ASTM D2167	<i>Standard Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method</i>
(4) ASTM D3017	<i>Test Method for Water Content of Soil and Rock in Place by Nuclear methods (Shallow Depth)</i>

Test results for in-field particle size analysis and liquid limit/plastic limit/plasticity index to monitor material consistency were not provided by the Contractor. A total of seven results of in-place density and moisture content testing were submitted to O'Brien & Gere for acceptance. Results of the testing are included in Exhibit D-7.

5.5 Topsoil

Construction quality control. Topsoil used at the site originated from on-site, therefore, topsoil CQC testing was omitted. Electronic copies of analytical results for the topsoil are included in Appendix C. Dates of soil reuse requests and corresponding NYSDEC soil use approvals are summarized in Table 4.

The topsoil used during construction of the vegetated cover was visually inspected by O'Brien & Gere. O'Brien & Gere performed inspections to evaluate the placement of topsoil in accordance with the Contract Documents. The Contractor was required to place a minimum 6-inch thickness of topsoil as shown on the Record Drawings or as specified in the Contract Documents.

5.6. Fertilization and seeding

Construction quality control. As part of CQC, the Contractor's CQC Manager submitted the following information to O'Brien & Gere for acceptance prior to fertilization and seeding activities:

- Seed vendor's certified statement for the grass seed mixture required, stating common name, scientific name, percentage by weight, and percentages of purity and germination
- Fertilizer vendor's certified statement for the fertilizer required stating guaranteed statement of analysis

- Documentation providing data concerning hydroseeding equipment (if used), including material application rates.

The grass seed was of commercial stock of the current season's crop and was delivered in unopened containers bearing the guaranteed analysis of the mix. The mix was in accordance with the requirements of the approved engineering plans and specifications.

Fertilizer was a standard quality commercial carrier of available plant food elements. Fertilizer was a complete, prepared, and packaged material and contained a minimum of 10% nitrogen, 10% phosphoric acid, and 10% potash.

Construction quality assurance. O'Brien & Gere performed inspections to evaluate that fertilization and seeding materials met the requirements of the Contract Documents. O'Brien & Gere also inspected the application rates of seed and fertilizer and mulch with respect to the specifications. Seed and fertilizer information are included in Exhibit D-11.

5.7. Rip-rap

Rip-rap used during construction was NYSDOT Item 620-2.02 Stone Filling. The characteristics of NYSDOT Item 620-2.20 Stone Filling generally are consistent with the Former Landfill IRM Revised Work Plan Technical Specification 02271 Dumped Rip-rap, therefore, no testing was performed for rip-rap characteristics. The IRM Contractor submitted an affidavit from the owner of the source of the rip-rap stating that to the best of his knowledge, the site of the source material was never used as a dump site for chemical, toxic, hazardous or radioactive materials and it was not now, then or ever had been, listed as a suspected depository for chemical, toxic, hazardous, or radioactive materials by any federal, state, or other governmental agency, department, or bureau. Documentation regarding rip-rap is included in Exhibit D-8.

Construction quality assurance. The IRM Contractor placed a minimum thickness of rip-rap as shown on the Record Drawings or as specified in the Contract Documents

5.8. Geotextile filter fabric

Construction quality control. Prior to installation of the geotextile filter fabric, the IRM Contractor's CQC Manager provided documentation regarding quality control of physical properties of the geotextile filter fabric. The geotextile filter fabric consisted of a nonwoven, needle-punched geotextile. Samples of the production run of the geotextile

material were obtained and tested and the results certified in accordance with the following minimum average roll values:

Table 5-7. CQC for geotextile filter fabric prior to construction.

Parameter	Standard	Criteria
Mass per unit	ASTM D5261	Minimum 4.0 oz/yd ²
Permittivity	ASTM D4491	Minimum of 1.95 sec ⁻¹
Grab Tensile Strength	ASTM D4632	Minimum 180 lbs
Grab Tensile Elongation	ASTM D4632	Minimum 50%
Trapezoid Tear Strength	ASTM D4533	Minimum 45 lbs
Puncture Strength	ASTM D4833	Minimum 65 lbs
Mullen Burst Strength	ASTM D3786	Minimum 240 psi
UV Resistance	ASTM D4355 (after 150 hours)	70% strength retained
Apparent Opening Size	ASTM D4751	Maximum No. 70 U.S.

Notes:

- | | |
|----------------|--|
| (1) ASTM D4491 | <i>Test Methods for Water Permeability of Geotextiles by Permittivity</i> |
| (2) ASTM D4632 | <i>Test Method for Grab Breaking Load and Elongation of Geotextiles</i> |
| (3) ASTM D4533 | <i>Test Methods for Trapezoidal Tearing Strength of Geotextiles</i> |
| (4) ASTM D4833 | <i>Test Methods for Index Puncture Resistance of Geotextiles and Geomembranes</i> |
| (5) ASTM D3786 | <i>Test Method for Hydraulic Bursting Strength of Knitted Goods</i> |
| (6) ASTM D4355 | <i>Test Method for Deterioration of Geotextiles from UV Exposure and Water (Xenon-Arc)</i> |
| (7) ASTM D4751 | <i>Test Method for Determining the Apparent Opening Size of a Geotextile</i> |

The IRM Contractor's CQC Manager provided O'Brien & Gere a cut sheet for the filter fabric used. The cut sheet is included in Exhibit D-9.

Construction quality assurance. O'Brien & Gere reviewed and verified submittal and sample information from the IRM Contractor's CQC Manager. The information was reviewed to determine if the proper information has been submitted.

The geotextile filter fabric was installed in accordance with the requirements of the Contract Documents and as shown on the Record Drawings, contained in Appendix D.

During the installation phase, the geotextile filter fabric was visually inspected for the following:

- Defects
- Rips
- Holes
- Flaws
- Deterioration
- Damage.

O'Brien & Gere performed inspections to evaluate the construction of the storm water drainage facilities in accordance with the Contract Documents.

5.9. Geotextile stabilization fabric

Construction quality control. The IRM Contractor's CQC Manager provided documentation regarding quality control of physical properties of the geotextile stabilization fabric.

The geotextile stabilization fabric conformed to the following minimum average roll values:

Table 5-8. CQC of geotextile stabilization fabric prior to construction.

Parameter	Standard	Criteria
Puncture Strength	ASTM D4833	Minimum 120 lbs
Mullen Burst Strength	ASTM D3786	Minimum 600 psi
Trapezoid Tear Strength	ASTM D4533	Minimum 115 lbs
Grab Tensile Strength	ASTM D4632	Minimum 300 lbs
Grab Tensile Elongation	ASTM D4632	Minimum 15%
Wide Width Tensile Strength	ASTM D4595	Minimum 180 lbs MD and XD
Wide Width Tensile Elongation	ASTM D4595	Minimum 10% MD and XD
UV Resistance	ASTM D4355 (after 150 hours)	70% strength retained

NOTES:

(1) ASTM D4595	<i>Test Method for Tensile Properties of Geotextiles by Wide Width Strip Method</i>
(2) ASTM D4632	<i>Test Method for Grab Breaking Load and Elongation of Geotextiles</i>
(3) ASTM D4533	<i>Test Methods for Trapezoidal Tearing Strength of Geotextiles</i>
(4) ASTM D4833	<i>Test Methods for Index Puncture Resistance of Geotextiles and Geomembranes</i>
(5) ASTM D3786	<i>Test Method for Hydraulic Bursting Strength of Knitted Goods</i>
(6) ASTM D4355	<i>Test Method for Deterioration of Geotextiles from UV Exposure and Water (Xenon-Arc)</i>

The IRM Contractor's CQC Manager provided O'Brien & Gere with a cut sheet for stabilization fabric used. The cut sheet is included in Exhibit D-11.

Construction quality assurance. O'Brien & Gere reviewed and verified submittal and sample information from the IRM Contractor's CQC Manager. The information was reviewed to determine if the proper information was submitted. O'Brien & Gere returned the submittals to the Contractor. Upon delivery of the rolls of geotextile stabilization fabric, O'Brien & Gere visually inspected the material.

The geotextile stabilization fabric was installed in accordance with the requirements of the Contract Documents and as shown on the Record Drawings, contained in Appendix D.

During the installation phase, the geotextile stabilization fabric was visually inspected for the following:

- Defects
- Rips
- Holes
- Flaws
- Deterioration
- Damage.

O'Brien & Gere performed inspections to evaluate the construction of the access road in accordance with the Contract Documents. As discussed in Section 2.5, the IRM Contractor submitted Technical Variances related to the access roads. The access roads were consistent with the Technical Variances. Technical Variances are included in Exhibit C.

5.10. Low permeability material

As part of Modification #1 to the design, the use of low permeability material was added in connection with the construction of clean areas for future installation of 115 kV power line structures and for the replacement of single 34.5 kV power poles.

Prior to installation of the low permeability material, the IRM Contractor's CQC Manager collected samples of the proposed soils and submitted the samples to the CQC Geotechnical Laboratory for testing as follows:

Table 5-9. *CQC of low permeability material layer prior to construction.*

Parameter	Standards	Minimum Frequency	Criteria
Particle Size Analysis	ASTM D422	Once per 200 cy of material delivered and/or when material changes	% Passing 100 Sieve 1-inch
Atterberg liquid and plastic limits, plasticity index	ASTM 4318	Once per 200 cy of material delivered and/or when material changes	Monitor soil composition
Hydraulic conductivity	ASTM D05084	Once per 200 cy of material delivered and/or when material changes	Equal to or less than 1×10^{-6} cm/sec
Compaction Characteristics	ASTM D698		Develop compaction characteristics

Notes:

ASTM D422 *Method for Particulate Size Analysis of Soil*
 ASTM D698 *Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³) (600kN-m/m³)*

One test was performed for the low permeability material prior to delivery to the site. Results of these tests are included in Exhibit D-13.

During installation of the low permeability material, material from the borrow source was tested by the Contractor's CQC Geotechnical Testing Laboratory in accordance with the following:

Table 5-10. CQC of low permeability material layer during construction.

Parameter	Standard	Minimum frequency	Criteria
Particle Size Analysis	ASTM D422	Once per 200 cy of material delivered and/or when material changes were noted	% Passing 100 Sieve 1-inch
Liquid Limit, Plastic Limit, Plasticity Index	ASTM D 4318	Once per 200 cy of material delivered and/or when material changes were noted	Monitor soil composition
Moisture Content	ASTM D2216	Once per 200 cy of material delivered and/or when material changes were noted	Monitor placement
Soil Moisture Density Relationship	ASTMD698 Method D	Once per 200 cy of material delivered and/or when material changes were noted	Monitor soil composition
Permeability	ASTM D5084-90	Once per 200 cy of material delivered and/or when material changes were noted	Maximum 1.0×10^{-6} cm/sec
Notes:			
ASTM D422	<i>Method for Particulate Size Analysis of Soil</i>		
ASTM D4318	<i>Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.</i>		

Results of all testing were submitted to O'Brien & Gere for acceptance. Test results are presented in Exhibit D-13.

The IRM Contractor submitted an affidavit from the owner of the source of low permeability material to be imported to the site stating that to the best of his knowledge, the site of the source material was never used as a dump site for chemical, toxic, hazardous or radioactive materials and was not then, or ever had been, listed as a suspected depository for chemical, toxic, hazardous, or radioactive materials by any federal, state, or other governmental agency, department, or bureau. In addition, the IRM Contractor provided analytical results for TCLP testing of the low permeability material that indicated that it was not a characteristic hazardous waste.

Following installation of the low permeability material, material was tested by the Contractor's CQC Geotechnical Testing Laboratory in accordance with the following:

Table 5-11 *CQC of low permeability material layer during construction.*

Parameter	Standard	Minimum frequency	Criteria
Permeability	ASTM D5084	Minimum 2 tests for the project	Maximum permeability of 1.0×10^{-6} cm/sec
Undisturbed Shelby Tube Sample	ASTM D1587	Minimum 2 tests for the project	3 inch diameter minimum
In-Place Density	ASTM D1556 or ASTM D2922 or ASTM D2167	Minimum of 4 tests per lift of soil placed	Within the acceptable range determined by testing prior installation
In-Place Moisture Content	ASTM D3017	Minimum of 4 tests per lift of soil placed	Within the acceptable range determined by testing prior installation

Notes:

ASTM D1556	<i>Test Method for Density and Unit Weight of Soil In Place by the Sand-Cone Method</i>
ASTM D2922	<i>Test Methods for Density of Soil and Soil-Aggregate In Place by Nuclear Methods (Shallow Depth)</i>
ASTM D2167	<i>Standard Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method</i>
ASTM D3017	<i>Test Method for Water Content of Soil and Rock in Place by Nuclear methods (Shallow Depth)</i>

Results for two tests were provided to O'Brien & Gere. A copy of this documentation is included in Exhibit D-13.

5.11. Electrical/materials/equipment

Construction quality control. The electrical subcontractor performed the electrical work in accordance with the applicable electrical codes and standards. One deviation was noted, related to backfill around conduits.

The electrical subcontractor submitted shop drawings and samples to O'Brien & Gere. The electrical subcontractor also prepared, for final submission the following items:

- Updated as-built shop drawings and plans
- Wiring diagrams with updated field directed changes.

These are included in Exhibit D-14.

Construction quality assurance. CQA consisted of O'Brien & Gere evaluating the electrical work and submittals for compliance with the Record Drawings, contained in Appendix D.

6. Inspections

A final inspection of the Former Landfill IRM was conducted on December 15, 2004. Representatives of NYSDEC, O'Brien & Gere, and the IRM Contractor were present. No significant deficiencies or punch list items regarding the Former Landfill IRM were noted during the final inspection, therefore NYSDEC considered the Former Landfill IRM complete.

7. Institutional controls

The Former IFG Facility Site is currently located in the Town of Salina in an industrial zone (I-1 District), which allows for industrial use such as heavy manufacturing. The scope of the remediation conducted in this area of the Site will allow for both future industrial and commercial use.

As the last component of the Former Landfill IRM, a deed restriction should be recorded that limits the future use of this IRM-remediated area of the Site to commercial and industrial use (the "Use Restriction") and imposes such other post-remediation operation, maintenance and monitoring (OM&M) restrictions that are necessary to protect human health and the environment, including but not limited to, a restriction on the use of Site ground water without the prior written consent of GM and NYSDEC.

There would also be an easement conveyed to NYSDEC (and reserved to GM in the event of a future transfer of the Site) that would allow access to confirm that all OM&M restrictions are being observed, including the Use Restriction.

The deed restriction and easement would be recorded following NYSDEC's issuance of a final Record of Decision for the Site.

8. Record drawings/as-builts

Following completion of the construction, Record Drawings and as-builts were compiled. The Record Drawings show the areas where hot spots were excavated, where the low permeability cover system was installed, and miscellaneous details. The as-builts show the final grading plan for the vegetative cover system and the details of the work completed on-site. The Record Drawings are presented in Appendix D and the as-builts are provided in Exhibit E.

9. Summary of project costs

The estimated capital cost to complete the project was approximately \$2.5 Million. The final construction and engineering cost was approximately \$3.6 Million. Annual OM&M costs for the Former Landfill IRM cover system are estimated at \$23,000.

10. Observations and lessons learned

During implementation of the Former Landfill IRM, observations were made and the following lessons were learned:

- Pre-characterization and up-front regulatory agreement on hot-spot extent (and subsequent omission of confirmatory sampling) for certain hot spots significantly improved on the time needed to perform hot spot excavations.
- More frequent surveying would have helped to provide more comprehensive records related to material volumes.
- Substantial site-wide cost savings were realized through the concurrent scheduling of the SPDES Treatment System IRM and the Former Drainage Swale IRM, since following regulatory approval, spoils from these other IRMs were used during construction of the Former Landfill IRM. This resulted in decreased overall off-site disposal costs as well as decreased costs associated with importation of grading material.

11. Remedial action contact information

The Project Manager for GM was:

James F. Hartnett
Remediation Project Office
One General Motors Drive STE2
Syracuse, NY 13206-1127
Phone: 315-463-2391

The Project Manager for the Design Engineering firm and Construction Observation firm was:

Douglas M. Crawford, P.E.
O'Brien and Gere Engineers Inc.
5000 Brittonfield Parkway
P.O. Box 4873
Syracuse, NY 13221
Phone: 315-437-6100

The Project Manager for the IRM Contractor used by GM was:

David Woodruff
Royal Environmental, Inc.
P.O. Box 15719
Rochester, NY 14615
Phone: 585-254-1840

The NYSDEC Project Manager was:

Susan L. Edwards, P.E.
NYSDEC Project Manager
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016
Phone: 518-402-9767

The USEPA Project Manager was:

Robert Nunes
Onondaga Lake Project Manager
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, New York 10007-1866
Phone: 212-637-4254

The liner installer used by the IRM Contractor was:

New England Liner Systems Inc.
35 Wooster Court
Bristol, CT 06010

The CQC Geosynthetic Laboratory used by the IRM Contractor was:

Gary Torosian
GeoTesting Express, Inc.
1145 Massachusetts Avenue
Boxborough, MA 01719

The third party CQA/CQC inspector used by the IRM Contractor was:

Atlantic Testing
5866 State Route 31
Cicero, NY 13039

The surveyor used by the IRM Contractor was:

C. T. Male Associates, P.C.
200 Gateway Park Drive, Bldg. C
P.O. Box 3246
North Syracuse, NY 13212-3246

12. Operation, maintenance and monitoring

An OM&M Manual has been developed for the Former Landfill IRM under separate cover. The OM&M Manual addresses post-IRM site monitoring and maintenance activities for the following IRM components:

- Low permeability cover system
- Vegetative cover
- Storm water conveyance system
- Utilities (buried and overhead)
- Ground water monitoring wells.

In addition, the OM&M Manual provides the following:

- A monitoring plan
- Record keeping and reporting requirements
- Health and safety requirements
- Institutional restrictions.

13. Certification

Based on field observations made during the implementation of the NYSDEC-approved Former Landfill IRM Revised Work Plan, O'Brien & Gere hereby certifies, as required by the Order on Consent (Site No. 7-34-057), that construction of the IRM was completed in accordance with the NYSDEC-approved Former Landfill IRM Revised Work Plan with exceptions as discussed in this Engineering Report.



By: *Douglas M. Crawford* Date: 11/1/06
Douglas M. Crawford, P.E.
Vice President
O'Brien & Gere Engineers, Inc.

References

- Blasland & Bouck Engineers P.C. 1989 *Ley Creek Relief Interceptor/ Electronics Parkway Replacement Sewer Subsurface Investigations*. April 1989.
- Benjamin, Susan, P.E. (NYSDEC). 1998. Letter to Jim Hartnett (GM) dated March 13, 1998.
- Benjamin, Susan, P.E. (NYSDEC) 2001. Telephone conversation with Brad Kubiak, Clare Leary, and Maureen Markert (O'Brien & Gere). July 2, 2001.
- Benjamin, Susan, P.E. (NYSDEC). 2001b. Letter to Jim Hartnett (GM) regarding acceptance of overall Former Landfill IRM scope and concept. August 13, 2001.
- Benjamin, Susan, P.E. (NYSDEC). 2002. Letter to Jim Hartnett (GM) regarding acceptance of request for approval of Former Landfill IRM pre-design work plans. March 18, 2002.
- Benjamin, Susan, P.E (NYSDEC). 2003a. Letter to Jim Hartnett (GM) regarding approval of soil characterization around the Niagara Mohawk H-structures. June 6, 2003.
- Benjamin, Susan, P.E (NYSDEC). 2003b. Letter to Jim Hartnett (GM) regarding approval of soil characterization around Niagara Mohawk H-Structures (addendum) and pipe abandonment. July 14, 2003.
- Benjamin, Susan, P.E (NYSDEC). 2003c. Letter to Jim Hartnett (GM) regarding approval of Former Landfill IRM approach. October 1, 2003.
- Benjamin, Susan, P.E (NYSDEC). 2003d. Letter to Jim Hartnett (GM) regarding approval of Former Landfill IRM proposed hot spot removal on Niagara Mohawk Property. September 4, 2003.
- Benjamin, Susan, P.E (NYSDEC). 2003e. Letter to Jim Hartnett (GM) regarding approval of Technical Variance #1, dated September 12, 2003.
- Benjamin, Susan, P.E (NYSDEC). 2003f. Letter to Jim Hartnett (GM) regarding approval of Design Modification #1, dated May 20, 2003.
- Benjamin, Susan, P.E (NYSDEC). 2003g. E-mail to Brad Kubiak (OBG) regarding asphalt testing, dated November 25, 2003.

- Benjamin, Susan, P.E. (NYSDEC). 2004. Letter to Jim Hartnett (GM) regarding approval of Technical Variance #5 (seed mixture variance). December 22, 2004
- Hartnett, James F. (GM). 1996. Letter to Susan Benjamin, P.E. (NYSDEC). November 6, 1996.
- Hartnett, James F. (GM). 1998. Letter to Susan Benjamin, P.E. (NYSDEC). May 18, 1998.
- Hartnett, James F. (GM). 2000. Letter to Mike Cruden, P.E. (NYSDEC) dated February 17, 2001.
- Hartnett, James F. (GM). 2001a. Letter to Susan Benjamin, P.E. (NYSDEC) regarding proposed Former Landfill IRM. May 23, 2001.
- Hartnett, James F. (GM). 2001b. Letter to Susan Benjamin, P.E. (NYSDEC) dated June 14, 2001.
- Hartnett, James F. (GM). 2002a. Letter to Susan Benjamin, P.E. (NYSDEC) regarding Former Landfill IRM delineation and removal of hot spots. May 6, 2002.
- Hartnett, James F. (GM). 2002b. Letter to Susan Benjamin, P.E. (NYSDEC) regarding request for approval of Former Landfill IRM pre-design work. March 14, 2002.
- Hartnett, James F. (GM). 2002c. Letter to Susan Benjamin, P.E. (NYSDEC) regarding reuse of soil spoils from evacuation of proposed storm water retention basin. April 26, 2002.
- Hartnett, James F. (GM). 2002d. Former Drainage Swale IRM letter work plan to Susan Benjamin, P.E. (NYSDEC). July 17, 2002.
- Hartnett, James F. (GM). 2003a. Letter to Susan Benjamin, P.E. (NYSDEC) dated April 14, 2003 (Soil characterization plan around existing H-structures)
- Hartnett, James F. (GM). 2003b. Letter to Susan Benjamin, P.E. (NYSDEC) dated June 2, 2003 (Additional Soil Characterization in the Vicinity of Niagara Mohawk H-structures)
- Hartnett, James F. (GM). 2003c. Letter to Susan Benjamin, P.E. (NYSDEC) dated July 1, 2003 (Addendum to Additional Soil Characterization in the Vicinity of Niagara Mohawk 115 kV H-structures)
- Hartnett, James F. (GM). 2003d. Letter to Susan Benjamin, P.E. (NYSDEC) dated August 26, 2003 (Proposed Hot Spot Removal on Niagara Mohawk Property)

- Hartnett, James F. (GM). 2003e. Letter to Susan Benjamin, P.E. (NYSDEC) dated August 26, 2003 (Proposed on-site Hot Spot Removal)
- Hartnett, James F. (GM). 2004. Letter to Susan Benjamin, P.E. (NYSDEC) regarding proposed Hot Spot Removal on Niagara Mohawk Property and Reconfiguration of Drainage Depression on Niagara Mohawk Property). August 2, 2004
- NIMO. 1996. *Factory Avenue Electric Projects; PCB Sampling and Analysis Report*. May 1996.
- O'Brien & Gere. 1994. *Interim Remedial Measure; Ley Creek Relief Interceptor Area. Addendum Report*. June 1994.
- O'Brien & Gere. 1997. *Remedial Investigation/Feasibility Study; Former IFG Facility (Site No. 7-34-057) and Ley Creek Deferred Media*. October 1997.
- O'Brien & Gere. 1999. *Final Supplemental RI Work Plan; Former IFG Facility (Site No. 7-34-057) and Ley Creek Deferred Media*. October 1999.
- O'Brien & Gere. 2000a. *Supplemental Remedial Investigation; Former IFG Facility and Ley Creek Deferred Media*. April 2000.
- O'Brien & Gere. 2002a. *Former Landfill IRM Revised Work Plan*. July 18, 2002.
- O'Brien & Gere. 2002b. *Storm Water Pollution Prevention Plan*. July 17, 2002.
- O'Brien & Gere. 2003. November 18, 2004 Progress Meeting Minutes. November 25, 2003.
- O'Brien & Gere. 2004a. October 22, 2004 Progress Meeting Minutes. November 9, 2004.
- O'Brien & Gere. 2004b. October 6, 2004 Progress Meeting Minutes. October 21, 2004.
- O'Brien & Gere. 2004c. November 3, 2004 Progress Meeting Minutes. November 9, 2004.
- O'Brien & Gere. 2006a. *Former Drainage Swale IRM Engineering Report*. January 20, 2006.
- O'Brien & Gere. 2006b. *SPDES Treatment System IRM Engineering Report*. January 20, 2006.

- Onondaga County. 1991. PCB Soil Sampling figure. November 12, 1991.
- Royal Environmental, Inc. 1999. *Work Plan, Cleaning of the Syracuse Facility*. May 1999.
- Royal Environmental, Inc. 2002a. *Construction Quality Control Plan*. July 24, 2002.
- Royal Environmental, Inc. 2002b. *Revised Perimeter and on-site Air Monitoring and Dust Control Plan*. July 22, 2002.
- Royal Environmental, Inc. 2002c. *Construction Water Management Plan*. July 23, 2002.
- USDA Soil Conservation Service. 1997. *Guidelines for Erosion and Sediment Control in Urban Area*. April 1997.
- USEPA. 1988. *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA. Interim Final*. Washington, D.C. October 1988.

Table 1. Hot spot confirmatory sample results

Sample ID	Rationale	Location	PCB Screening Level (mg/kg)	Sample Date	Result PCBs mg/kg	Data Validation Qualifier
T4-1-1N	T4-1 Hot Spot	On-site	50	8/8/2002	4.6	J
T4-1-2E	T4-1 Hot Spot	On-site	50	8/8/2002	19	
T4-1-3S	T4-1 Hot Spot	On-site	50	8/8/2002	11	J
T4-1-4W	T4-1 Hot Spot	On-site	50	8/8/2002	120	
T4-1-5F	T4-1 Hot Spot	On-site	50	8/8/2002	2.6	J
TB-51-1N	OBG-TB-51(0-2) Hot Spot	On-site	50	8/8/2002	1.6	J
TB-51-2E	OBG-TB-51(2-4) Hot Spot	On-site	50	8/8/2002	2.6	J
TB-51-3S	OBG-TB-51(4-6) Hot Spot	On-site	50	8/8/2002	0.27	J
TB-51-4W	OBG-TB-51(6-8) Hot Spot	On-site	50	8/8/2002	1.8 *	
TB-51-5F	OBG-TB-51(6-8) Hot Spot	On-site	50	8/8/2002	74	
SS-08-1N	SS-99-08 Hot Spot	On-site	50	8/8/2002	130	
SS-08-2E	SS-99-08 Hot Spot	On-site	50	8/8/2002	76	
SS-08-3S	SS-99-08 Hot Spot	On-site	50	8/8/2002	37	J
SS-08-4W	SS-99-08 Hot Spot	On-site	50	8/8/2002	18	J
SS-08-5F	SS-99-08 Hot Spot	On-site	50	8/8/2002	110	
TB-53-1N	TB-53 Hot Spot	On-site	50	8/8/2002	400	
TB-53-2E	TB-53 Hot Spot	On-site	50	8/8/2002	360	
TB-53-3S	TB-53 Hot Spot	On-site	50	8/8/2002	1100	
TB-53-4W	TB-53 Hot Spot	On-site	50	8/8/2002	410	
TB-53-5F	TB-53 Hot Spot	On-site	50	8/8/2002	180	J
SS-06-1N	SS-99-06 Hot Spot	On-site	50	8/8/2002	98	
SS-06-2E	SS-99-06 Hot Spot	On-site	50	8/8/2002	17	J
SS-06-3S	SS-99-06 Hot Spot	On-site	50	8/8/2002	23	J
SS-06-4W	SS-99-06 Hot Spot	On-site	50	8/8/2002	210	
SS-06-5F	SS-99-06 Hot Spot	On-site	50	8/8/2002	0.41	
NW-DP2-N1	NW Debris Pile	On-site	50	8/5/2002	14	J
NW-DP2-N2	NW Debris Pile	On-site	50	8/5/2002	11	J
NW-DP2-E1	NW Debris Pile	On-site	50	8/5/2002	30	J
NW-DP2-E2	NW Debris Pile	On-site	50	8/5/2002	3.2	J
NW-DP2-S	NW Debris Pile	On-site	50	8/5/2002	2.9	J
NW-DP2-W	NW Debris Pile	On-site	50	8/5/2002	7.4	J
NW-DP2-B1	NW Debris Pile	On-site	50	8/5/2002	21	J
NW-DP2-B2	NW Debris Pile	On-site	50	8/5/2002	3.1	J
T4-1-4W-2	T4-1 Hot Spot	On-site	50	10/10/2002	0.32	J
TB-51-5F-2	OBG-TB-51(0-2) Hot Spot	On-site	50	10/10/2002	2.9*	
SS-08-1N-2	SS-99-08 Hot Spot	On-site	50	10/10/2002	210	
SS-08-2E-2	SS-99-08 Hot Spot	On-site	50	10/10/2002	34	J
SS-08-5F-2	SS-99-08 Hot Spot	On-site	50	10/10/2002	0.17	J
TB-53-1N-2	TB-53 Hot Spot	On-site	50	10/10/2002	3.7	
TB-53-2E-2	TB-53 Hot Spot	On-site	50	10/10/2002	73	J
TB-53-3S-2	TB-53 Hot Spot	On-site	50	10/10/2002	97	
TB-53-4W-2	TB-53 Hot Spot	On-site	50	10/10/2002	180	J
TB-53-5F-2	TB-53 Hot Spot	On-site	50	10/10/2002	13	J
SS-06-1N-2	SS-99-06 Hot Spot	On-site	50	10/10/2002	12	
SS-06-4W-2	SS-99-06 Hot Spot	On-site	50	10/10/2002	2.9	
SS08-1N-3	SS-99-08 Hot Spot	On-site	50	11/5/2002	120	
TB-53-3S-3	TB-53 Hot Spot	On-site	50	11/5/2002	7	
TB-53-2E-3	TB-53 Hot Spot	On-site	50	11/5/2002	<0.59	
SS-08-1N-4	SS-99-08 Hot Spot	On-site	50	12/18/2002	56	J
SS-08-1N-5	SS-99-08 Hot Spot	On-site	50	4/30/2003	55	J
SS-08-1N-6	SS-99-08 Hot Spot	On-site	50	7/11/2003	0.37	J
TB-11-W1	TB-11-03A Hot Spot	On-site	50	9/25/2003	16	J
TB-11-FD	TB-11-03A Hot Spot	On-site	50	9/25/2003	11	J
TB-11-F1	TB-11-03A Hot Spot	On-site	50	9/25/2003	24	J
TB-11-N1	TB-11-03A Hot Spot	On-site	50	9/25/2003	1700	J
TB-11-E1	TB-11-03A Hot Spot	On-site	50	9/25/2003	16	J
TB-11-S1	TB-11-03A Hot Spot	On-site	50	9/25/2003	<.72	UJ
4+40-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	14	J
4+90-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	200	J
5+40-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	96	J
5+90-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	830	J
4+40-N	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	0.13	J
4+90-N	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	40	J
5+40-N	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	23	J
5+90-N	4+05 - 6+20 Hot Spot	Factory Avenue	10	9/30/2003	23	J
5+85 N-A	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	170	
5+85 N-B	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	14	NJ
5+85 N-C	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	5400**	J
5+85 F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	16 **	
5+40 N-B	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	7.3	
5+40 N-C	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	5600	NJ
5+40-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	44	J

Table 1. Hot spot confirmatory sample results

Sample ID	Rationale	Location	PCB Screening Level (mg/kg)	Sample Date	Result PCBs mg/kg	Data Validation Qualifier
4+85 N-B	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	0.7	J
4+85 N-C	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	18000	J
4+85-F	4+05 - 6+20 Hot Spot			10/9/2003	18	
4+40 N-B	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	48	J
4+40 N-C	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	6700	NJ
4+40 F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/9/2003	1.0	
NIMO 1+74		Nimo access road	50	10/13/2003	0.11	J
NIMO 2+88		Nimo access road	50	10/13/2003	0.093	J
NIMO 4+85		Nimo access road	50	10/13/2003	52	J
NIMO DITCH MH		Nimo access road	50	10/13/2003	<0.67	UJ
SS-02-05-F	SS-02-05 Hot Spot	Nimo access road	50	10/14/2003	160	NJ
SS-02-05-N	SS-02-05 Hot Spot	Nimo access road	50	10/14/2003	190	NJ
SS-02-05-E	SS-02-05 Hot Spot	Nimo access road	50	10/14/2003	10	J
SS-02-05-S	SS-02-05 Hot Spot	Nimo access road	50	10/14/2003	200	
SS-02-05-W	SS-02-05 Hot Spot	Nimo access road	50	10/14/2003	180	NJ
TB-53-W	SS-02-05 Hot Spot	Nimo access road	50	10/14/2003	19	J
5+90-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/14/2003	<0.61	
5+40-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/14/2003	<0.60	
4+40-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/14/2003	<0.62	
4+85-F	4+05 - 6+20 Hot Spot	Factory Avenue	10	10/14/2003	<0.60	
6+30-Top	6+30 Hot Spot	Nimo access road	50	10/17/2003	12	J
6+30-Bank	6+30 Hot Spot	Nimo access road	50	10/17/2003	15	J
6+10-Top	Ni Mo Swale	Nimo access road	50	10/17/2003	47	J
6+10-Bank	Ni Mo Swale	Nimo access road	50	10/17/2003	270	J
5+70	5+70 Hot Spot	Nimo access road	50	10/17/2003	26	J
SS-02-05-S2	SS-02-05 Hot Spot	Nimo access road	50	10/22/2003	42	J
SS-02-05-F2	SS-02-05 Hot Spot	Nimo access road	50	10/22/2003	75	J
SS-02-05-W2	SS-02-05 Hot Spot	Nimo access road	50	10/22/2003	84	J
SS-02-05-N2	SS-02-05 Hot Spot	Nimo access road	50	10/22/2003	0.28	J
6+15	6+15 Hot Spot	Nimo access road	50	10/22/2003	9.1	J
4+85-F	4+85 Hot Spot	Nimo access road	50	10/23/2003	35	
4+85-N	4+85 Hot Spot	Nimo access road	50	10/23/2003	32	
4+85-E	4+85 Hot Spot	Nimo access road	50	10/23/2003	79	J
4+85-S	4+85 Hot Spot	Nimo access road	50	10/23/2003	27	
4+85-W	4+85 Hot Spot	Nimo access road	50	10/23/2003	55	
3+00	Informational	Factory Avenue	10	11/3/2003	0.48	J
2+00	Informational	Factory Avenue	10	11/3/2003	0.28	J
SS-02-05-F3	SS-02-05 Hot Spot	Nimo access road	50	11/5/2003	14	J
SS-02-05-W3	SS-02-05 Hot Spot	Nimo access road	50	11/5/2003	39	J
4+85-E2	4+85 Hot Spot	Nimo access road	50	11/5/2003	58	J
4+85-W2	4+85 Hot Spot	Nimo access road	50	11/5/2003	20	J
1+12-N.wall	Informational	Factory Avenue	10	11/10/2003	< 0.68	
0+25-N.wall	Informational	Factory Avenue	10	11/10/2003	1.8 **	
4+85-E3	4+85 Hot Spot	Nimo access road	50	11/13/2003	2.7	J
6+52-NW	Informational	Drainage swale	10	8/17/2004	10	
7+52-NW	Informational	Drainage swale	10	8/18/2004	11	
SS-02-05-W3	SS-02-05 Hot Spot	Nimo access road	50	10/7/2004	17	J
6+10-Bank-N	Ni Mo Swale	Nimo access road	50	10/7/2004	1300	J
6+10-Bank-S	Ni Mo Swale	Nimo access road	50	10/7/2004	190	J
6+10-Bank-W	Ni Mo Swale	Nimo access road	50	10/7/2004	620	J
6+10-Bank-E	Ni Mo Swale	Nimo access road	50	10/7/2004	160	J
6+10-Bank-F	Ni Mo Swale	Nimo access road	50	10/7/2004	2700	J
SM101-N	Ni Mo Swale	Nimo access road	50	10/7/2004	0.08	J
SM101-S	Ni Mo Swale	Nimo access road	50	10/7/2004	15	J
SM101-W	Ni Mo Swale	Nimo access road	50	10/7/2004	0.10	J
SM101-E	Ni Mo Swale	Nimo access road	50	10/7/2004	180	J
SM101-F	Ni Mo Swale	Nimo access road	50	10/7/2004	73	J
SM101-F2	Ni Mo Swale	Nimo access road	50	10/12/2004	0.17	
SM101-E2	Ni Mo Swale	Nimo access road	50	10/12/2004	2.1	
6+10 Bank-F2	Ni Mo Swale	Nimo access road	50	10/12/2004	67	
6+10 Bank-W2	Ni Mo Swale	Nimo access road	50	10/12/2004	0.2	
6+10 Bank-S2	Ni Mo Swale	Nimo access road	50	10/12/2004	<0.65	
6+10 Bank -F3	Ni Mo Swale	Nimo access road	50	10/14/2004	<0.68	
6+10 Bank -S3	Ni Mo Swale	Nimo access road	50	10/14/2004	<0.51	
TB-02-03A (10-16)	Hot Spot/Informational	On site	NA	11/10/2004	120	

NOTES:

Samples represent a grab sample.

Informational sample denotes sample collected where hot spot removal was prevented due to the presence of an underground utility.

NYSDEC TAGM 4046 used as PCB screening level

Shading indicates detected concentration is above the associated PCB screening level.

Detected Aroclors are Aroclor 1248, unless otherwise noted.

* - The northern wall was excavated an additional 2 ft until the excavation reached the clean area, which was previously excavated and backfilled with clean material.

Therefore, an additional confirmatory result was not collected.

** - Aroclor 1242 reported

Sample TB-02-03A (10-16) sample was collected from the material to be disposed off-site.

F- Indicates a floor sample in the sample ID

N - Indicates the northern wall and the A,B, and C indicate from top to bottom separate layers of material in the sample ID

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

J - DUSR qualifier indicating estimated value.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not

Table 1. Hot spot confirmatory sample results

Sample ID	Rationale	Location	PCB Screening Level (mg/kg)	Sample Date	Result PCBs mg/kg	Data Validation Qualifier
-----------	-----------	----------	-----------------------------	-------------	-------------------	---------------------------

represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 2. Soil originating from the Former Drainage Swale IRM used during construction of the Former Landfill IRM

Soil pile (sample ID)	Origin	Exceeds TAGM? * (yes/ no)	Intended reuse/ disposition	Notice - Date approved for reuse on-site	Final disposition
OB-6	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: Yes VOCs: No SVOCs: No Site Metals: Yes	Landfill subsurface fill	Notice: 9/19/02 Approval: 9/30/02	Landfill subsurface fill
OB-8	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: Yes VOCs: No SVOCs: No Site Metals: Yes	Landfill subsurface fill	Notice: 9/19/02 Approval: 9/30/02	Landfill subsurface fill
OB-11	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: Yes VOCs: No SVOCs: No Site Metals: Yes	Landfill subsurface fill	Notice: 10/02/ 02 Approval: 10/03/02	Landfill subsurface fill
OB-12	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: No VOCs: No SVOCs: No Site Metals: Yes	Landfill Subsurface fill	Notice: 10/02/ 02 Approval: 10/03/02	Landfill Subsurface fill
OB-14	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: No VOCs: No SVOCs: No Site Metals: Yes	Subsurface fill	Notice: 10/22/02 Approval: 10/29/02	Former Drainage swale subsurface fill
OB-17	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: Yes VOCs: No SVOCs: No Site Metals: Yes	Landfill subsurface fill	Notice: 10/22/02 Approval: 10/29/02	Landfill subsurface fill

Table 2. Soil originating from the Former Drainage Swale IRM used during construction of the Former Landfill IRM

Soil pile (sample ID)	Origin	Exceeds TAGM? * (yes/ no)	Intended reuse/ disposition	Notice - Date approved for reuse on-site	Final disposition
OB-20	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: Yes VOCs: No SVOCs: Yes Site Metals: Yes	Landfill subsurface fill	Notice: 12/04/ 02 Approval: 12/06/02	Landfill subsurface fill
OB-21	Swale Overburden	Surface PCBs: Yes Subsurface PCBs: Yes VOCs: Yes SVOCs: No Site Metals: Yes	Landfill subsurface fill	Notice: 12/09/ 04 Approval:	Landfill subsurface fill
OB-22	Swale Overburden	Surface PCBs: Yes (TSCA) Subsurface PCBs: Yes VOCs: No SVOCs: No Site Metals: Yes	Off-site disposal and Landfill subsurface fill	Notice: 12/09/ 04 Approval:	Landfill subsurface fill/Off-site disposal (see note 1 below)
COB-1	Swale Overburden (off-site on Onondaga County Property near Former Landfill IRM hot spot 4+05 -6+20)	Surface PCBs: Yes Subsurface PCBs: Yes	Landfill subsurface fill	Notice: 2/11/05 Approval: 3/7/05	Landfill subsurface fill
COB-8	Swale Overburden (off-site on Onondaga County Property)	Surface PCBs: Yes Subsurface PCBs: Yes	Landfill subsurface fill	Notice: 2/11/05 Approval: 3/7/05	Landfill subsurface fill
COB-9	Swale Overburden (off-site on Onondaga County Property)	PCBs: Yes (TSCA) SVOCs: Yes Site Metals: Yes	Off-site disposal	Notice: 2/11/05 Approval: 3/7/05	Off-site disposal

Table 2. Soil originating from the Former Drainage Swale IRM used during construction of the Former Landfill IRM

Soil pile (sample ID)	Origin	Exceeds TAGM? * (yes/ no)	Intended reuse/ disposition	Notice - Date approved for reuse on-site	Final disposition
COB-10	Swale Overburden (off-site on Onondaga County Property)	PCBs: Yes (TSCA)	Landfill subsurface fill	Notice: 2/11/05 Approval: 3/7/05	Landfill subsurface fill/Off-site disposal (see note 2 below)
COB-11	Swale Overburden (off-site on Onondaga County Property)	Surface PCBs: Yes Subsurface PCBs: Yes	Landfill subsurface fill	Notice: 2/11/05 Approval: 3/7/05	Landfill subsurface fill

Notes:

* TAGM 4046 screening value for chromium is 10 ppm, however, based on communications with NYSDEC, the proposed screening value for chromium (50 ppm) was used.

- 1) OB-22 sample result was 75 mg/kg. OB-22 soil pile was resampled by breaking it out into 8 sections. Sections containing PCB concentrations greater than or equal to 50 mg/kg were disposed of off-site. Sections containing PCB concentrations less than 50 mg/kg were consolidated within the former landfill limits underneath the low permeability cover system.
- 2) Soil pile COB-10 was broken down into 2 sections for further delineation. Based on sample results, the pile (200 cy) with a PCB concentration less than 50 mg/kg is proposed to be used as subsurface fill within the GM landfill cap limits. The pile (150 cy) with a PCB concentration greater than 50 mg/kg is proposed to be appropriately disposed of off-site.

Table 3. Soil and material originating from the SPDES Treatment System IRM used in construction of Former Landfill IRM

Grid ID	Origin	Characterization *	Intended reuse/disposition	Notice Date approved for reuse on-site	Final Disposition
<i>TB-02-09</i>	TB-02-09 Grid interval 10 – 12 ft	Special Restricted Use (SVOCs high)	Subsurface material under landfill cover		Subsurface material under landfill cover
<i>TB-02-13</i>	TB-02-13 Grid interval 0 – 4 ft	Special Restricted use (PCBs > 10 ppm)	Subsurface material under landfill cover		Subsurface material under landfill cover
<i>Aban. Pipe Bed to A1A</i>	Pipe bedding material from abandoned pipe to A1A	Debris	Subsurface material under landfill cover	Notice: 10/22/02 Approval: 10/29/02	Subsurface material under landfill cover
<i>Pipe Sludge/RCP</i>	Pipe sludge and RCP from piping near Impoundment # 2	Debris	Subsurface material under landfill cover	Notice: 12/04/02 Approval: 12/06/02	Subsurface material under landfill cover
<i>IAPB</i>	Pipe bedding material from impoundment area towards Outfall 003	Debris	Subsurface material under landfill cover	Notice: 12/04/02 Approval: 12/06/02	Subsurface material under landfill cover

* Special restricted use refers to soil that will be utilized as subsurface fill at the former landfill underneath the low permeability cover system.

Table 4. Soil and material originating from Redevelopment Activities used during construction of the Former Landfill IRM.

Soil pile (sample ID)	Description	Origin	Exceeds TAGM? * (yes/ no)	Intended reuse/ disposition	Notice - Date approved for reuse on-site	Final disposition
Pile near New Venture Gear (NW Concrete-4, NW Pile-3)	Concrete/soil/stone debris	Debris pile on the parking lot west of New Venture Gear	No	On-site reuse as fill	Notice: 6/8/00 Approval: 7/3/00	Landfill
Concrete Debris pile on parking lot north of NVG (NW Concrete 1)	Concrete	Debris along north of parking lot located north of New Venture Gear	Yes Hg 0.3 ppm	On-site reuse as fill. To be managed with landfill as part of Landfill IRM	Notice: 7/26/00 Approval: 8/2/00	Landfill
Piles on landfill	Soil/Concrete	Unknown origin	Yes	To be managed with landfill as part of Landfill IRM	--	Landfill
Mounded area east of the Mold Storage building (site of soil borings TB-1-01 and TB-2-01). (WJW Soil)	Soil	In place	Yes Arsenic, nickel, zinc, benzo(a)pyrene	On-site reuse as fill	Notice: 8/16/02 Approval: 9/9/02	Some used as subsurface fill for swale removal. Some used as fill in landfill. Some used as subsurface fill around the SPDES Treatment Building
(WJW Soil)	Soil	Soil generated from the excavation of soil directly outside the eastern fence of the transformer yard, west of the Mnfctr. Bldg. and Western Courtyard.	Yes Arsenic – 46 ppm Nickel – 21 ppm Zinc – 110 ppm	Reuse as subsurface fill	Notice: 5/16/03 Approval: 6/3/03	Used as fill beneath landfill cover.
Sediment collected from various redevelopment activities (Vac-truck sediment-2)	Soil	Sediment/soil/debris collected during various redevelopment activities	Yes SVOCs	To be placed beneath the low perm landfill cover	Notice: 10/14/03 Approval: 10/14/03	Used as fill beneath landfill cover.
(H-9 Sump Concrete)	Concrete	Concrete generated during installation of 3'x3'x10" sump in Syracuse Glass tenant space	Yes PCB – 11 ppm	To be placed beneath the low perm landfill cover	Notice: 10/14/03 Approval: 10/14/03	Used as fill beneath landfill cover.
(K7-Sump)	Soil/Concrete	Debris generated from a sump installation in the Syracuse Glass Tenant space.	No	To be used as subsurface fill.	Notice: 2/20/04 Approval: 3/9/04	Used as fill beneath landfill cover.
(Fralo Top Soil – 5/11/04)	Soil	Soil generated during grading activities associated with preparation of the Fralo outdoor storage area.	Yes Nickel – 24 ppm Zinc – 66 ppm	To be used as on-site subsurface fill	Notice: 6/11/04 Approval: 6/22/04 Verbal approval from Benjamin for use as off-site fill. 8/5/04.	Some used as topsoil on north slope of landfill
(SPDES Waste Tank Sludge – 5/19/04)	Sediment	Sediment material from SPDES Treatment System backwash waste tank.	Yes PCBs – 2.2 ppm	Place beneath landfill cover	Notice: 6/11/04 Approval: 6/22/04	Used as fill beneath landfill cover.
(Mold Storage South Soil – 5/21/04)	Soil	Soil generated from installation of access door on the south end of the Mold Storage Building.	Yes Nickel – 14 ppm Zinc – 34 ppm	To be used on-site as unrestricted subsurface fill.	Notice: 6/18/04 Approval: 6/22/04 Verbal approval from Benjamin for	Used as off-site fill in Factory Ave. ditch.

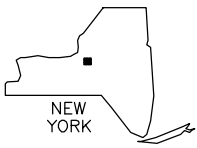
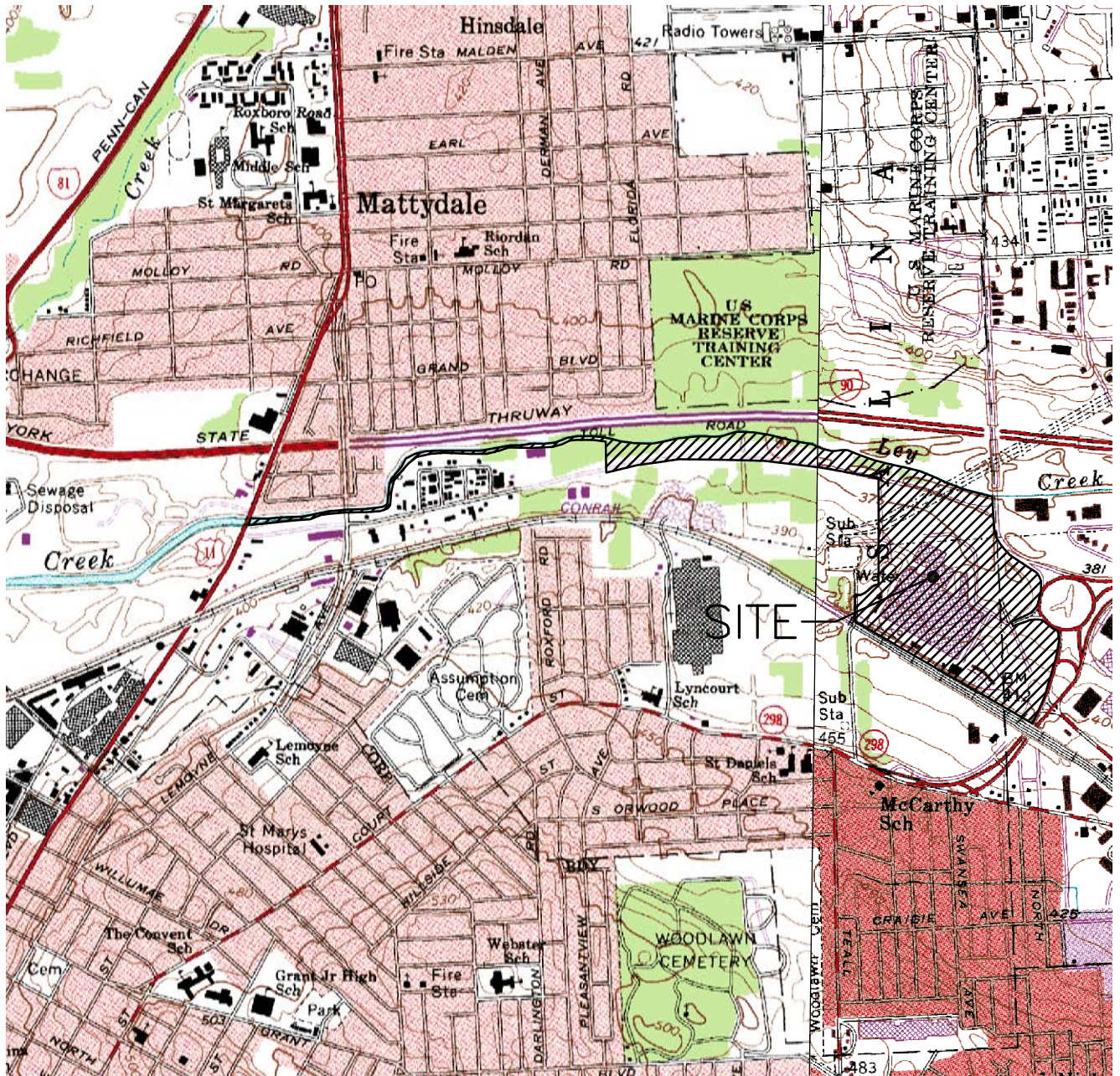
Table 4. Soil and material originating from Redevelopment Activities used during construction of the Former Landfill IRM.

Soil pile (sample ID)	Description	Origin	Exceeds TAGM? * (yes/ no)	Intended reuse/ disposition	Notice - Date approved for reuse on-site	Final disposition
					use as off-site fill. 8/5/04.	
(Diemolding Tech Dock Soil – 5/26/04)	Soil	Soil generated from installation of truck docks associated with the Diemolding tenant space.	Yes PCBs – 1.8 ppm	Place beneath landfill cover	Notice: 6/18/04 Approval: 6/22/04	Used as fill beneath landfill cover.
(West Courtyard #2 – 5/28/04)	Soil	Soil generated from cleaning/grading activities in the western courtyard.	Yes Arsenic–7.6 ppm Nickel – 24 ppm Zinc – 54 ppm	To be used on-site as subsurface fill	Notice: 6/11/04 Approval: 6/22/04 Notice_rev1: 9/01/04 Approval:9/7/04	Used as off-site fill in Factory Ave. ditch.
(Fralo Floor Resurfacing)	Concrete dust/debris	Concrete dust generated from floor resurfacing	Yes PCBs – 27 ppm	Place beneath landfill cover	Notice: 7/19/04 Approval: 7/28/04	Used as fill beneath landfill cover.
(Western Courtyard Concrete – 6/15/04)	Concrete	Concrete generated from the western courtyard cleanup	Yes PCBs – 1.2 ppm	Place beneath landfill cover		Used as fill beneath landfill cover.
Roof Ballast (H3-RB, K23 Roof, Syr. Glass Roof)	Roof ballast material	Roof ballast material removed from the roof of the Fralo and Syr. Glass tenant spaces to perform roof repairs.	No	To be used on-site as subsurface fill.	Notice: 9/21/04 Approval: 9/28/04	
Admin building sidewalk soil	Soil	Soil removed during grading activities around the Admin building/removal of sidewalks	Not sampled	Verbal proposal to place beneath landfill cover based on SRI data showed SVOCs > TAGM.	No notice submitted per Benjamin. 9/29/04.	Used as fill beneath landfill cover.

Notes:

* Soil/debris to be used as subsurface fill, therefore, TAGM 4046 screening level of 10 ppm for PCBs was used.

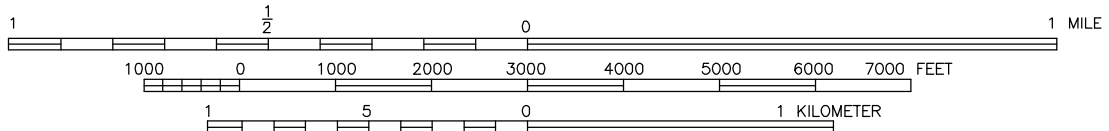
** TAGM 4046 screening value for chromium is 10 ppm, however, based on communications with NYSDEC, the proposed screening value for chromium (50 ppm) was used.



GENERAL MOTORS CORP.
SYRACUSE, NEW YORK

SITE LOCATION MAP

QUADRANGLE LOCATION

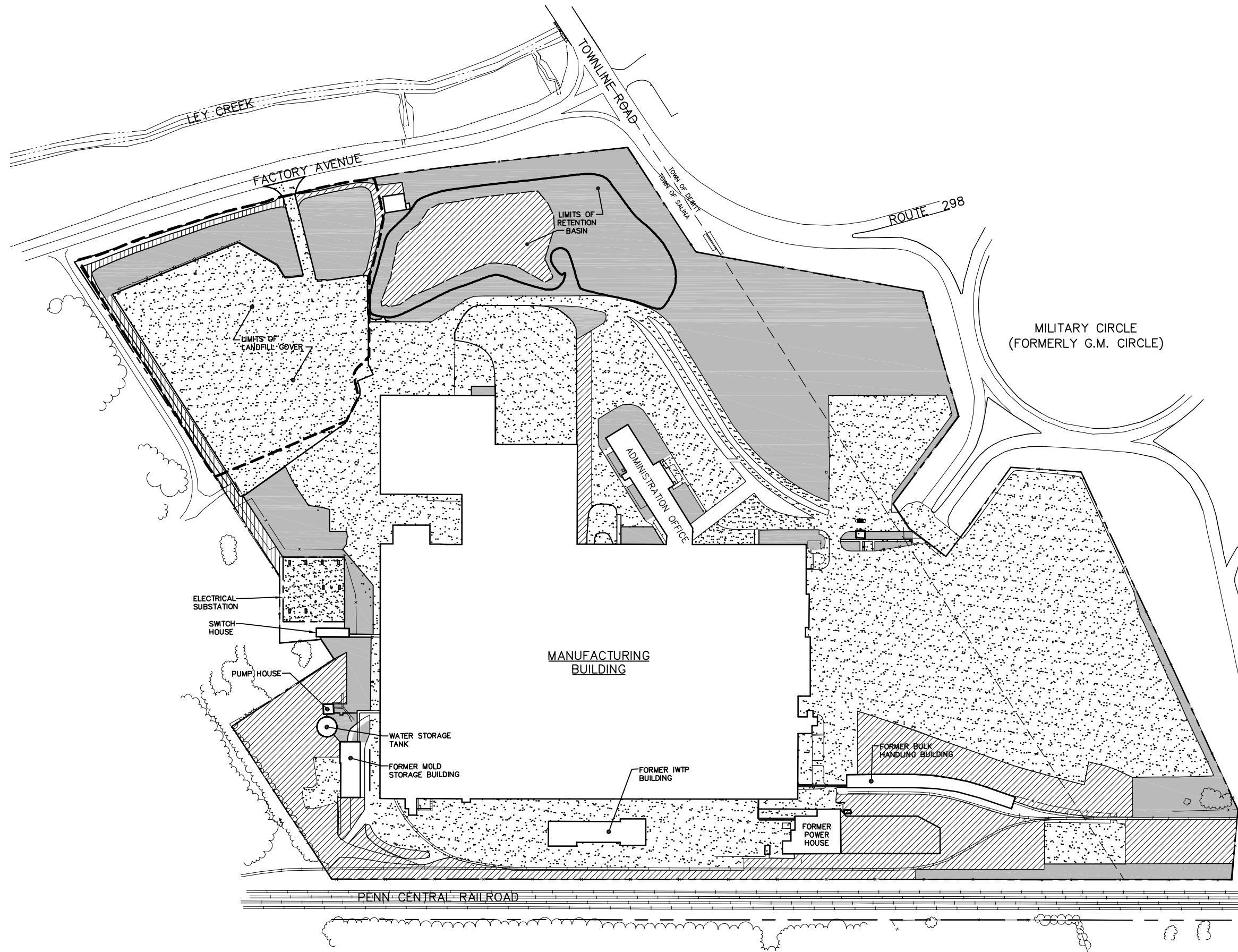
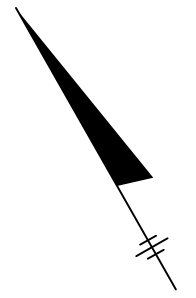


FILE NO. 4966.21535.306
JUNE 2005

SCALE: 1:24000



FIGURE 1-2



LEGEND

- PROPERTY LINE
- ☁ TREE LINE
- x-x- FENCE
- o-o- GUARDRAIL
- VEGETATION
- ▨ CRUSHED STONE
- ▤ ASPHALT

GENERAL MOTORS
FORMER IFG FACILITY
SYRACUSE, NEW YORK

FACILITY PLAN



FILE NO. 4966.21535.312
JUNE 2005



Appendix A

2002 test pit photo logs



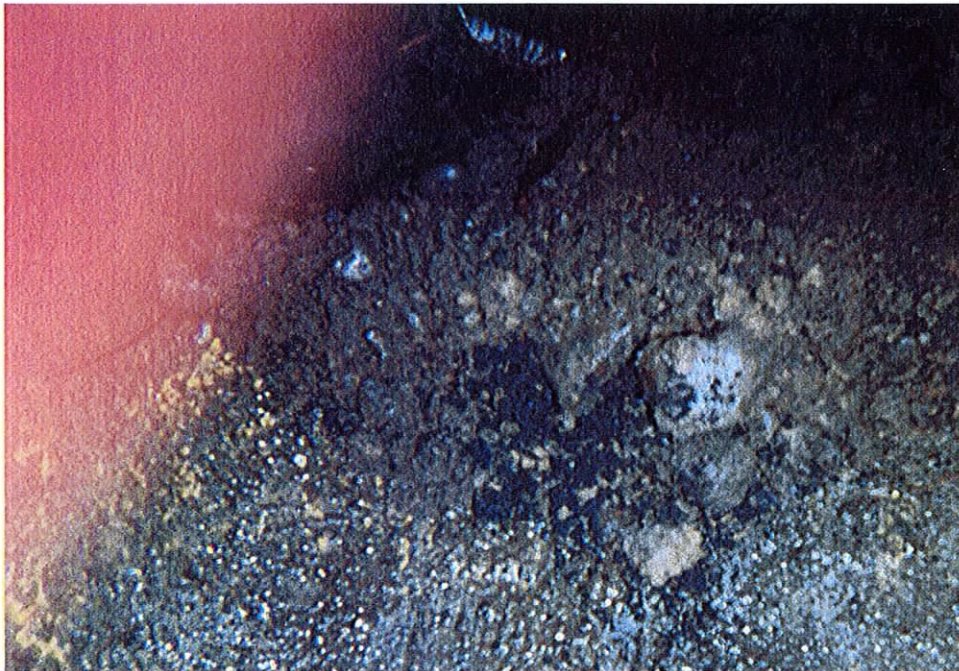
Test Pit #1
Photo taken on: 5/14/02
Teall Avenue-Nimo station



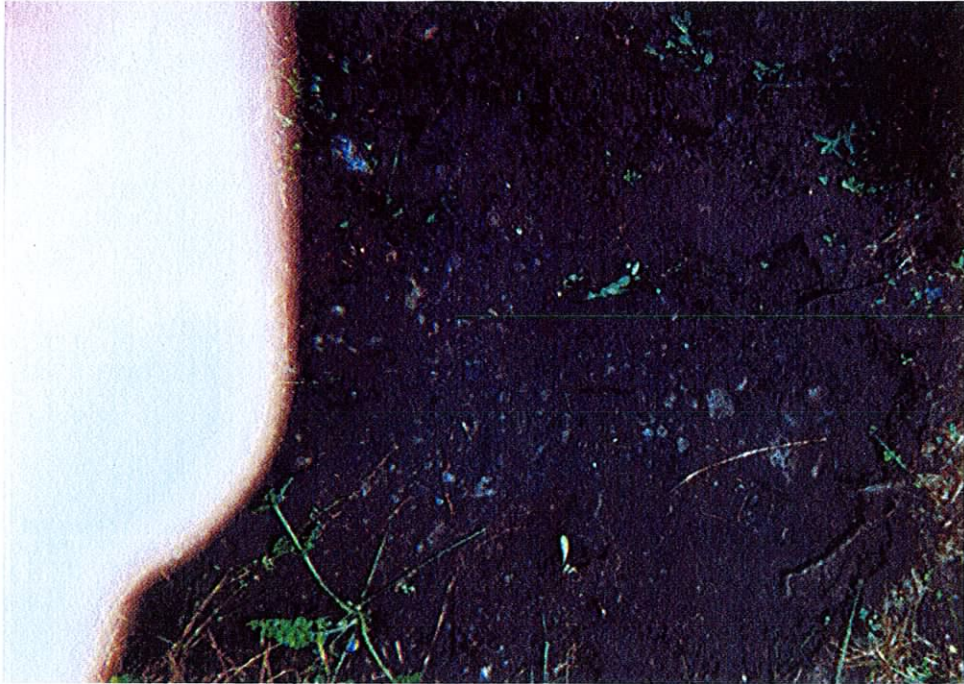
Test Pit #1A
Photo taken on: 5/14/02
Teall Avenue-Nimo Station



Test Pit #2
Photo taken on: 5/14/02
Teall Avenue-Nimo station



Test Pit #2A-Material in wheelbarrow
Photo taken on: 5/14/02
Teall Avenue-Nimo station



Test Pit #3
Photo taken on: 5/14/02
Teall Avenue: Nimo station



Test Pit #3A
Photo taken on: 5/14/02
Teall Avenue-Nimo station

Data usability summary report (DUSR)

From: Karen Storne *KAS*
 Re: GM Main Plant Landfill IRM DUSR
 File: 4966/34126.005.601
 Date: March 29, 2005

cc: DM Crawford
 BA Kubiak
 CF Leary
 MS Markert

A usability review of analytical data was performed for the polychlorinated biphenyl (PCB) analyses that were performed for the GM Main Plant Former Landfill IRM Site. The samples were analyzed using United States Environmental Protection Agency (USEPA) methods, and analytical and deliverables guidance provided in New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP). The following table summarizes the analysis performed for this investigation.

Parameter	Method	Reference
PCBs	USEPA Method 3520C/3550B/8082	1, 2
Percent Total Solids	2540-G	3

Note:

- 1 United States Environmental Protection Agency (USEPA). 1996. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington, D.C., 1986 as updated through December 1996.
- 2 New York State Department of Environmental Conservation (NYSDEC). 1995. *Analytical Services Protocol (ASP) Methods, October 1995 Revisions*. Albany, NY.
- 3 American Water Works Association (AWWA), American Public Health Association (APHA) and Water Environment Federation (WEF). 1992. *Standard Methods for the Examination of Water and Wastewater*, 18th Edition. Washington, D.C.

PCBs indicates polychlorinated biphenyls.

The samples collected for this investigation are summarized in Table 1-2.

O'Brien & Gere Laboratories, Inc. performed the analyses and provided the laboratory data packages, which contained summary forms for quality control analysis and supportive raw data. Full validation was performed on the data packages. A review of the laboratory data was conducted applying method criteria and evaluation and qualification guidance from the following document (modified where applicable):

- USEPA. 2002. *USEPA Region II Validating PCB Compounds by SW-846 Method 8082, SOP HW-23B, Revision 1*. New York, NY.

The data usability review included evaluating the following parameters, where applicable:

- Chain-of-custody records
- Sample collection
- Holding times
- Sample preservation
- Analysis issues
- Percent solids
- Calibrations
- Blank analysis
- Matrix spike/matrix spike duplicate (MS/MSD) and matrix spike blank (MSB) analyses
- Laboratory control sample (LCS) analysis

March 31, 2005

Page 2

- Field duplicate analysis
- Surrogate recovery
- GC performance
- Analytical sequence
- Confirmation analysis
- Target analyte quantitation, identification, and reported detection limits, and
- Documentation completeness.

The quantity and types of samples that were submitted for data validation are presented in Table 1-1 below.

Table 1-2. Sample cross reference list				
Laboratory	Date Collected	Client ID	Laboratory ID	Analysis Requested
OBG Labs	10/10/02	SS06-IN-2	X5915	PCBs, Percent Solids
		SS06-4W-2	X5916	PCBs, Percent Solids
		T4-1-4W-2	X5917	PCBs, Percent Solids
		Field Duplicate #1 [TB53-5F2]	X5918	PCBs, Percent Solids
		TB51-5F-2	X5906	PCBs, Percent Solids
		SS08-1N-2	X5907	PCBs, Percent Solids
		SS08-5F-2	X5908	PCBs, Percent Solids
		SS08-2E-2, MS/MSD	X5909	PCBs, Percent Solids
		TB-53-5F-2	X5910	PCBs, Percent Solids
		TB-53-2E-2	X5911	PCBs, Percent Solids
		TB-53-IN-2	X5912	PCBs, Percent Solids
		TB-53-3S-2	X5913	PCBs, Percent Solids
		TB-53-4W-2	X5914	PCBs, Percent Solids
OBG Labs	8/5/02	NW-DP2-S	W2617	PCBs, Percent Solids
		NW-DP2-W	W2618	PCBs, Percent Solids
		NW-DP2-N1	W2619	PCBs, Percent Solids
		NW-DP2-N2	W2620	PCBs, Percent Solids
		NW-DP2-E1	W2621	PCBs, Percent Solids
		NW-DP2-E2	W2622	PCBs, Percent Solids
		NW-DP2-B1	W2623	PCBs, Percent Solids
		NW-DP2-B2	W2624	PCBs, Percent Solids
OBG Labs	8/8/02	TB-51-1N	W2912	PCBs, Percent Solids

March 31, 2005

Page 3

Table 1-2. Sample cross reference list				
Laboratory	Date Collected	Client ID	Laboratory ID	Analysis Requested
		TB-51-2E	W2913	PCBs, Percent Solids
		TB-51-3S	W2914	PCBs, Percent Solids
		TB-51-4W	W2915	PCBs, Percent Solids
		TB-51-5F	W2916	PCBs, Percent Solids
		Field Duplicate #1 [T4-5F]	W2917	PCBs, Percent Solids
		T4-1-1N	W2918	PCBs, Percent Solids
		T4-1-2E	W2919	PCBs, Percent Solids
		T4-1-3S	W2920	PCBs, Percent Solids
		T4-1-4W	W2921	PCBs, Percent Solids
		T4-5F, MS/MSD	W2922	PCBs, Percent Solids
OBG Labs	8/8/02	SS08-1N	W2923	PCBs, Percent Solids
		SS08-2E	W2924	PCBs, Percent Solids
		SS08-3S	W2925	PCBs, Percent Solids
		SS08-4W	W2926	PCBs, Percent Solids
		SS08-5F	W2927	PCBs, Percent Solids
		TB-53-1N	W2957	PCBs, Percent Solids
		TB-53-2E, MS/MSD	W2958	PCBs, Percent Solids
		TB-53-3S	W2959	PCBs, Percent Solids
		TB-53-4W	W2960	PCBs, Percent Solids
		TB-53-5F	W2961	PCBs, Percent Solids
		SS06-1N	W2962	PCBs, Percent Solids
		SS06-2E	W2963	PCBs, Percent Solids
		SS06-3S	W2964	PCBs, Percent Solids
		SS06-4W	W2965	PCBs, Percent Solids
		SS06-5F	W2966	PCBs, Percent Solids
		Field Duplicate #2 [SS06-1N]	W2967	PCBs, Percent Solids
OBG Labs	11/5/02	TB-53-3S-3	Y0762	PCBs, Percent Solids
		TB-53-2E-3	Y0763	PCBs, Percent Solids
		Field Duplicate #1 [TB-53-2E-3]	Y0764	PCBs, Percent Solids

March 31, 2005

Page 4

Table 1-2. Sample cross reference list				
Laboratory	Date Collected	Client ID	Laboratory ID	Analysis Requested
		SS08-IN-3	Y0801	PCBs, Percent Solids
OBG Labs	12/18/02	SS08-1N-4	Z7726	PCBs, Percent Solids
OBG Labs	4/30/03	SS-08-IN-5	A4723	PCBs, Percent Solids
OBG Labs	7/11/03	SS-08-IN-6	A8341	PCBs, Percent Solids
OBG Labs	9/25/03	TB-11-F1	B1002	PCBs, Percent Solids
OBG Labs	9/25/03	TB-11-N1, MS/MSD	B1003	PCBs, Percent Solids
OBG Labs	9/25/03	TB-11-E1	B1004	PCBs, Percent Solids
OBG Labs	9/25/03	TB-11-S1	B1005	PCBs, Percent Solids
OBG Labs	9/25/03	TB-11-W1	B1006	PCBs, Percent Solids
OBG Labs	9/25/03	TB-11-FD [TB-11-W1]	B1007	PCBs, Percent Solids
OBG Labs	9/30/03	4+40-F	B1210	PCBs, Percent Solids
OBG Labs	9/30/03	4+90-F	B1211	PCBs, Percent Solids
OBG Labs	9/30/03	5+40-F	B1212	PCBs, Percent Solids
OBG Labs	9/30/03	5+90-F	B1213	PCBs, Percent Solids
OBG Labs	9/30/03	4+40-N	B1214	PCBs, Percent Solids
OBG Labs	9/30/03	4+90-N	B1215	PCBs, Percent Solids
OBG Labs	9/30/03	5+40-N	B1216	PCBs, Percent Solids
OBG Labs	9/30/03	5+90-N	B1217	PCBs, Percent Solids
OBG Labs	10/9/03	5+85 N-A, MS/MSD	B1646	PCBs, Percent Solids
OBG Labs	10/9/03	5+85 N-B	B1647	PCBs, Percent Solids
OBG Labs	10/9/03	5+85 N-C	B1648	PCBs, Percent Solids
OBG Labs	10/9/03	5+85 F	B1649	PCBs, Percent Solids
OBG Labs	10/9/03	5+40 N-B	B1650	PCBs, Percent Solids
OBG Labs	10/9/03	5+40 N-C	B1651	PCBs, Percent Solids
OBG Labs	10/9/03	5+40 F	B1652	PCBs, Percent Solids
OBG Labs	10/9/03	COB-1	B1653	PCBs, Percent Solids
OBG Labs	10/9/03	4+85 F	B1654	PCBs, Percent Solids
OBG Labs	10/9/03	4+85 N-B	B1655	PCBs, Percent Solids
OBG Labs	10/9/03	4+85 N-C	B1656	PCBs, Percent Solids
OBG Labs	10/9/03	4+40 N-B	B1657	PCBs, Percent Solids

March 31, 2005

Page 5

Table 1-2. Sample cross reference list

Laboratory	Date Collected	Client ID	Laboratory ID	Analysis Requested
OBG Labs	10/9/03	4+40 N-C	B1658	PCBs, Percent Solids
OBG Labs	10/9/03	4+40 F	B1659	PCBs, Percent Solids
OBG Labs	10/22/03	SS-02-05-S2	B2266	PCBs, Percent Solids
OBG Labs	10/22/03	SS-02-05-F2	B2267	PCBs, Percent Solids
OBG Labs	10/22/03	SS-02-05-W2	B2268	PCBs, Percent Solids
OBG Labs	10/22/03	SS-02-05-N2	B2269	PCBs, Percent Solids
OBG Labs	10/22/03	6+15	B2270	PCBs, Percent Solids
OBG Labs	10/23/03	4+85-F, MS/MSD	B2310	PCBs, Percent Solids
OBG Labs	10/23/03	4+85-N	B2311	PCBs, Percent Solids
OBG Labs	10/23/03	4+85-E	B2312	PCBs, Percent Solids
OBG Labs	10/23/03	4+85-S	B2313	PCBs, Percent Solids
OBG Labs	10/23/03	4+85-W	B2314	PCBs, Percent Solids
OBG Labs	10/23/03	4+85-FD [4+85-S]	B2315	PCBs, Percent Solids
OBG Labs	10/13/03	NIMO 1+74, MS/MSD	B1814	PCBs, Percent Solids
OBG Labs	10/13/03	NIMO 2+88	B1815	PCBs, Percent Solids
OBG Labs	10/13/03	NIMO 4+85	B1816	PCBs, Percent Solids
OBG Labs	10/13/03	FD [NIMO DITCH MH]	B1817	PCBs, Percent Solids
OBG Labs	10/13/03	NIMO DITCH MH	B1818	PCBs, Percent Solids
OBG Labs	10/14/03	SS-02-05-F	B1858	PCBs, Percent Solids
OBG Labs	10/14/03	SS-02-05-N	B1859	PCBs, Percent Solids
OBG Labs	10/14/03	SS-02-05-E	B1860	PCBs, Percent Solids
OBG Labs	10/14/03	SS-02-05-S	B1861	PCBs, Percent Solids
OBG Labs	10/14/03	SS-02-05-W	B1862	PCBs, Percent Solids
OBG Labs	10/14/03	TB-53-W	B1863	PCBs, Percent Solids
OBG Labs	10/14/03	5+90-F	B1864	PCBs, Percent Solids
OBG Labs	10/14/03	5+40-F	B1865	PCBs, Percent Solids
OBG Labs	10/14/03	4+40-F	B1866	PCBs, Percent Solids
OBG Labs	10/14/03	4+85-F	B1867	PCBs, Percent Solids
OBG Labs	10/14/03	5+31 Swale	B1868	PCBs, Percent Solids
OBG Labs	10/17/03	6+30-TOP	B2153	PCBs, Percent Solids

March 31, 2005

Page 6

Table 1-2. Sample cross reference list				
Laboratory	Date Collected	Client ID	Laboratory ID	Analysis Requested
OBG Labs	10/17/03	6+30-BANK	B2154	PCBs, Percent Solids
OBG Labs	10/17/03	6+10-TOP	B2155	PCBs, Percent Solids
OBG Labs	10/17/03	6+10-BANK	B2156	PCBs, Percent Solids
OBG Labs	10/17/03	5+70	B2157	PCBs, Percent Solids
OBG Labs	10/30/03	COB-2	B2668	PCBs, Percent Solids
OBG Labs	10/30/03	COB-3	B2669	PCBs, Percent Solids
OBG Labs	10/30/03	COB-4	B2670	PCBs, Percent Solids
OBG Labs	11/1/03	3+00	B2724	PCBs, Percent Solids
OBG Labs	11/1/03	2+00	B2725	PCBs, Percent Solids
OBG Labs	11/5/03	4+85-E2	B2857	PCBs, Percent Solids
OBG Labs	11/5/03	4+85-W2, MS/MSD	B2858	PCBs, Percent Solids
OBG Labs	11/5/03	SS-02-05-F3	B2859	PCBs, Percent Solids
OBG Labs	11/5/03	SS-02-05-W3	B2860	PCBs, Percent Solids
OBG Labs	11/5/03	FD [SS-02-05-F3]	B2861	PCBs, Percent Solids
OBG Labs	11/5/03	COB-5	B2862	PCBs, Percent Solids
OBG Labs	11/10/03	COB-6	B3118	PCBs, Percent Solids
OBG Labs	11/11/03	COB-7	B3278	PCBs, Percent Solids
OBG Labs	11/10/03	1+12-N WALL	B3279	PCBs, Percent Solids
OBG Labs	11/10/03	0+25-N WALL	B3280	PCBs, Percent Solids
OBG Labs	11/13/03	4+85-E3	B3487	PCBs, Percent Solids
OBG Labs	8/17/04	6+52-NW		PCBs, Percent Solids
OBG Labs	8/18/04	7+52-NW		PCBs, Percent Solids
OBG Labs	10/7/04	6+10-BANK-N	E7731	PCBs, Percent Solids
OBG Labs	10/7/04	6+10-BANK-S	E7732	PCBs, Percent Solids
OBG Labs	10/7/04	6+10-BANK-W	E7733	PCBs, Percent Solids
OBG Labs	10/7/04	6+10-BANK-E	E7734	PCBs, Percent Solids
OBG Labs	10/7/04	6+10-BANK-F	E7735	PCBs, Percent Solids
OBG Labs	10/7/04	FD [6+10-BANK-F]	E7736	PCBs, Percent Solids
OBG Labs	10/7/04	SM101-N	E7737	PCBs, Percent Solids
OBG Labs	10/7/04	SM101-S	E7738	PCBs, Percent Solids

March 31, 2005

Page 7

Table 1-2. Sample cross reference list				
Laboratory	Date Collected	Client ID	Laboratory ID	Analysis Requested
OBG Labs	10/7/04	SM101-W	E7739	PCBs, Percent Solids
OBG Labs	10/7/04	SM101-E, MS/MSD	E7740	PCBs, Percent Solids
OBG Labs	10/7/04	SM101-F	E7741	PCBs, Percent Solids
OBG Labs	10/7/04	SS-02-05-W3	E7742	PCBs, Percent Solids
OBG Labs	10/12/04	SM101-F2	E7926	PCBs, Percent Solids
OBG Labs	10/12/04	SM101-E2	E7927	PCBs, Percent Solids
OBG Labs	10/12/04	6+10 BANK-F2	E7928	PCBs, Percent Solids
OBG Labs	10/12/04	6+10 BANK-W2	E7929	PCBs, Percent Solids
OBG Labs	10/12/04	6+10 BANK-S2	E7930	PCBs, Percent Solids
OBG Labs	10/14/04	6+10 BANK-F3	E8017	PCBs, Percent Solids
OBG Labs	10/14/04	6+10 BANK-S3	E8018	PCBs, Percent Solids
OBG Labs	11/10/04	TB-02-03A (10-16')	E9249	PCBs, Percent Solids

Note:

PCBs indicates polychlorinated biphenyls.

MS, MSD indicates matrix spike/matrix spike duplicate analyses.

The sample identification in brackets indicates the sample location from which the duplicate sample was collected.

The following sections of this memorandum present the results of the comparison of the analytical data to the QA/QC criteria specified in the USEPA methods and validation guidance, and the qualifiers assigned to the data when the QA/QC criteria were not met. Excursions that resulted in the qualification of samples are described in the following sections.

CHAIN OF CUSTODY RECORDS

For samples collected 8/5/02, a time gap was detected; the chain-of-custody record listed the samples as being relinquished at 12:07 on 8/5/02 and received by the laboratory on at 12:10 on 8/5/02.

For samples collected 10/13/03, a time gap was detected; the chain-of-custody record listed the samples as being relinquished by the field representative to the laboratory security guard at 19:30 on 10/13/03 and received by the laboratory security guard on at 19:25 on 10/13/03.

For a second set of samples collected 10/13/03, time gaps were detected; the chain-of-custody record listed the samples as first being relinquished by the field representative at 14:11 on 10/13/03 but was not listed as being received by a second party. The chain-of-custody record then listed the samples as being relinquished at 17:45 on 10/13/03 but was received by the laboratory at 8:00 on 10/14/03.

March 31, 2005

Page 8

The Project Manager was informed of the chain-of-custody record issues and will address the non-conformities with appropriate corrective actions.

SAMPLE PRESERVATION

Samples were generally collected and delivered to the laboratory on the same day. Since the sampling site is close to the laboratory location, samples were stored in the coolers for a short period of time. For coolers containing ice, samples may not have been cooled to $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ as required for this project due to the short time the samples were in the cooler and exposed to the ice. In some cases, the laboratory did not note whether ice was present in the sample coolers upon receipt.

The samples collected 8/5/02 were collected and delivered to the laboratory on the same day. However, the cooler temperature was documented at 30°C , which exceeded the acceptable temperature range of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The laboratory noted that ice was found in the cooler. Utilizing the Region II validation guidelines approach to cooler temperature issues, the samples collected 8/5/02 for PCB analysis associated with a cooler temperature of greater than 10°C were qualified as approximate (UJ, J).

The sample collected 12/18/02 was collected and delivered to the laboratory on the same day. However, the cooler temperature was documented at 11°C , which exceeded the acceptable temperature range of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The laboratory noted that ice was not found in the cooler. Utilizing the Region II validation guidelines approach to cooler temperature issues, the sample collected 12/18/02 for PCB analysis associated with a cooler temperature of greater than 10°C was qualified as approximate (UJ, J).

The sample collected 4/30/03 was collected and delivered to the laboratory on the same day. However, the cooler temperature was documented at 11°C , which exceeded the acceptable temperature range of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The laboratory noted that ice was found in the cooler. Utilizing the Region II validation guidelines approach to cooler temperature issues, the sample collected 4/30/03 for PCB analysis associated with a cooler temperature of greater than 10°C was qualified as approximate (UJ, J).

The sample collected 7/11/03 was collected and delivered to the laboratory on the same day. However, the cooler temperature was documented at 20°C , which exceeded the acceptable temperature range of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The laboratory noted that ice was found in the cooler. Utilizing the Region II validation guidelines approach to cooler temperature issues, the sample collected 7/11/03 for PCB analysis associated with a cooler temperature of greater than 10°C was qualified as approximate (UJ, J).

The samples collected 9/25/03 and 9/30/03 were collected and delivered to the laboratory on the same day. However, the cooler temperatures were documented at 19°C and ambient temperature, which exceeded the acceptable temperature range of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The laboratory noted that ice was found in the cooler for samples collected 9/25/03. Utilizing the Region II validation guidelines approach to cooler temperature issues, the samples collected 9/25/03 and 9/30/03 for PCB analysis associated with a cooler temperature of greater than 10°C were qualified as approximate (UJ, J).

The samples collected 10/22/03 were collected and delivered to the laboratory on the same day. However, the cooler temperature was documented at 16.4°C , which exceeded the acceptable temperature range of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The laboratory noted that ice was not found in the cooler. Utilizing the Region II validation guidelines approach to cooler temperature issues, the samples collected 10/22/03 for PCB analysis associated with a cooler temperature of greater than 10°C were qualified as approximate (UJ, J).

March 31, 2005

Page 9

The samples collected 10/13/03 and 10/17/03 were collected and delivered to the laboratory on the same day. However, the cooler temperatures were documented at 11°C and ambient temperature, which exceeded the acceptable temperature range of 4°C ±2°C. The laboratory noted that ice was not found in the coolers. Utilizing the Region II validation guidelines approach to cooler temperature issues, the samples collected 10/13/03 and 10/17/03 for PCB analysis associated with a cooler temperature of greater than 10°C were qualified as approximate (UJ, J).

The samples collected 11/5/03 and 11/10/03 were collected and delivered to the laboratory on the same day. However, the cooler temperatures were documented at 13°C and 14.5°C, which exceeded the acceptable temperature range of 4°C ±2°C. The laboratory noted that ice was found in the coolers. Utilizing the Region II validation guidelines approach to cooler temperature issues, the samples collected 11/5/03 and 11/10/03 for PCB analysis associated with a cooler temperature of greater than 10°C were qualified as approximate (UJ, J).

The sample collected 11/13/03 was collected and delivered to the laboratory on the same day. However, the cooler temperature was documented at 15°C, which exceeded the acceptable temperature range of 4°C ±2°C. The laboratory noted that ice was not found in the cooler. Utilizing the Region II validation guidelines approach to cooler temperature issues, the sample collected 11/13/03 for PCB analysis associated with a cooler temperature of greater than 10°C was qualified as approximate (UJ, J).

The samples collected 10/7/04 were collected and delivered to the laboratory on the same day. However, the cooler temperatures were documented at ambient temperature, which exceeded the acceptable temperature range of 4°C ±2°C. The laboratory noted that ice was not found in the coolers. Utilizing the Region II validation guidelines approach to cooler temperature issues, the samples collected 10/7/04 for PCB analysis associated with a cooler temperature of greater than 10°C were qualified as approximate (UJ, J).

POLYCHLORINATED BIPHENYL DATA EVALUATION SUMMARY

The following QA/QC parameters were found to meet method and validation criteria or did not result in additional qualification of sample results:

- Sample collection
- Holding times
- Analysis issues
- Blank analysis
- MS/MSD and MSB analyses
- Field duplicate analysis
- Surrogate recovery
- GC performance
- Analytical sequence
- Confirmation analysis and
- Documentation completeness.

March 31, 2005

Page 10

Excursions from quality control criteria and additional observations are summarized below.

I. Percent solids

In accordance with validation guidance, the results in the following samples were qualified as approximate, (UJ, J) since the percent solids value was less than 50%: 5+85-N-C, 5+40-N-C, 5+40 F, 4+85 N-C, 4+40 N-C, 7+52-NW.

II. Calibrations

The results for Aroclor 1254 in samples 3+00 and 2+00 were qualified as approximate (UJ) since the initial calibration associated with the samples was outside of the coefficient of the determination of greater than 0.990 validation criterion.

The results for Aroclor 1254 in samples 6+10 BANK-N and SS-02-05-W3 were qualified as approximate (UJ) since the calibration verification associated with the samples exceeded the 15%D validation criterion.

The results for Aroclor 1260 in samples 5+40 N-B, 5+40 N-C, 5+40 F, COB-1, 4+85 F, 4+85 N-B, 4+40 N-B, 4+40 N-C, and 4+40 F were qualified as approximate (UJ) since the calibration verification associated with the samples exceeded the 15%D validation criterion.

III. LCS analysis

The results for Aroclor 1260 in samples 6+10-BANK-N, 6+10-BANK-S, 6+10-BANK-W, 6+10-BANK-E, 6+10-BANK-F, FD [6+10-BANK-F], SM101-N, SM101-S, SM101-W, SM101-E, SM101-F, and SS-02-05-W3 were qualified as approximate (UJ) since recovery for the analyte in the associated LCS analysis was outside of the laboratory control limit.

IV. Target analyte quantitation and identification

The percent difference (%D) values were evaluated for the positive results from the two chromatographic columns for PCBs. Results were greater than 25% indicating confirmation excursions. As a result, the results for samples with a %D greater than 25% were qualified as approximate (J). Results for samples with interferences or with a %D greater than 70%, or with a %D greater than 100% and interferences, were qualified as approximate (NJ). Results associated with a %D of greater than 50 and with concentrations that were less than the reporting limit were qualified as non-detected (U).

For samples collected 10/10/02, the %D values calculated for the detected Aroclor results from the primary and confirmation chromatographic columns were greater than 25 percent indicating confirmation excursions. As a result of the confirmation excursions, the results for target analytes in samples with a %D greater than 25 percent were qualified as approximate (J). The following samples were qualified due to confirmation excursions: SS08-2E-2, TB53-5F-2, TB53-2E-2, TB53-4W-2, Field Duplicate #1 [TB53-5F-2].

For samples collected 8/5/02 and 8/8/02, the percent difference (%D) values were greater than 25 percent. As a result of the confirmation excursions, the results for target analytes in samples with a %D greater than 25 percent were qualified as approximate (J). The following samples were qualified due to confirmation excursions: NW-DP2-S, TB51-1N, TB51-2E, Field Duplicate #1 [T4-5F], T4-1-1N, T4-1-3S, T4-5F, SS08-3S, SS08-4W, TB53-5F, SS06-2E, SS06-3S.

March 31, 2005

Page 11

As a result of the confirmation excursions, the results in the following samples with a %D greater than 25 percent were qualified as approximate (J): TB-11-F1, TB-11-W1, TB-11-FD [TB-11-W1], 4+90-N, 5+40-N, 5+90-N.

As a result of the confirmation excursions, the results in the following samples with a %D greater than 25 percent were qualified as approximate (J, NJ): 5+85 N-B, 5+40 N-C, 5+40 F, COB-1, 4+85 N-B, 4+85 N-C, 4+40 N-B, 4+40 N-C.

As a result of the confirmation excursions, the results in the following samples with a %D greater than 25 percent were qualified as approximate (J): SS-02-05-S2, SS-02-05-F2, SS-02-05-N2, 6+15, 4+85-E, 7+52-NW.

As a result of the confirmation excursions, the results in the following samples with a %D greater than 25 percent were qualified as approximate (J, NJ): SS-02-05-F, SS-02-05-N, SS-02-05-E, SS-02-05-W, TB-53-W, 6+10-TOP, 5+70.

As a result of the confirmation excursions, the results in the following samples with a %D greater than 25 percent were qualified as approximate (J): COB-4, 4+85-E2.

As a result of the confirmation excursions, the results in the following samples with a %D greater than 25 percent were qualified as approximate (J): 6+10-BANK-N, 6+10-BANK-S, 6+10-BANK-E, SM101-N, SM101-S, SM101-E, SS-02-05-W3.

For samples collected for this project, confirmation of the Aroclor results for quantitation purposes was performed by the laboratory for a minimum of 10 percent of the detected sample results.

As directed by the Project Manager, the sample results reported from the analysis using the primary column was retained and reported for this investigation. Sample results reported from the confirmation column were utilized for confirmation purposes only and were not reported in the final sample results.

V. Reported detection limits

Dilutions were performed for the PCB analysis of samples as a result of high concentrations of target analytes or due to matrix interference.

The results for samples SS08-5F-2 and T4-1-4W-2 were revised by the laboratory. The revised results included "J" values for results greater than the MDL but less than the reporting limit.

The qualifier "J" was applied by the laboratory when the analyte concentration was greater than the MDL but less than the reporting limit. This qualifier has been retained during the validation process to indicate that the result is considered to be approximate.

DATA USABILITY

Overall data usability with respect to completeness is 100 percent for the PCB data. Based on the review performed the data were determined to be usable for qualitative and quantitative purposes.

Electronic copy of analytical results

See Table 1 for analytical results summary

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2918
Samp. Description: T4-1-1N
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 83.0
Analyzed: 08/09/02 Sample Size: 30 g

Number of analytes: 7

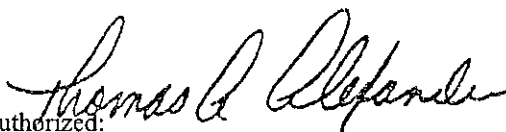
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .60	U	1	.08349	.60	
PCB-1221	< .60	U	1	.11458	.60	
PCB-1232	< .60	U	1	.14892	.60	
PCB-1242	< .60	U	1	.05783	.60	
PCB-1248	4.6		1	.16590	.6024	
PCB-1254	< .60	U	1	.10916	.60	
PCB-1260	< .60	U	1	.07120	.60	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	87.%		1	30-150	
Decachlorobiphenyl (surrogate)	82.%		1	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2918
Samp. Description: T4-1-1N
Primary column: N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 83.0
Analyzed: 08/09/02 Sample Size: 30 g


Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .60	U	2	.08349	.60	
PCB-1221	< .60	U	2	.11458	.60	
PCB-1232	< .60	U	2	.14892	.60	
PCB-1242	< .60	U	2	.05783	.60	
PCB-1248	5.9		2	.16590	.6024	
PCB-1254	< .60	U	2	.10916	.60	
PCB-1260	< .60	U	2	.07120	.60	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	92.%		2	30-150	
Decachlorobiphenyl (surrogate)	76.%		2	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 13, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2919
Samp. Description: T4-1-2E
Primary column Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 10 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 90.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

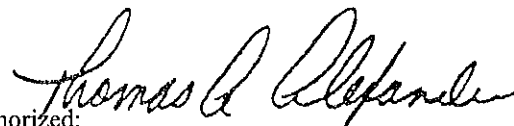
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 5.6	U	1	.77	5.6	
PCB-1221	< 5.6	U	1	1.0567	5.6	
PCB-1232	< 5.6	U	1	1.3733	5.6	
PCB-1242	< 5.6	U	1	.53333	5.6	
PCB-1248	19.		1	1.53	5.555	6
PCB-1254	< 5.6	U	1	1.0067	5.6	
PCB-1260	< 5.6	U	1	.65667	5.6	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.%		1	30-150	38
Decachlorobiphenyl (surrogate)	86.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2919
Samp. Description: T4-1-2E
Primary column N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 10 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 90.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7


Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 5.6	U	2	.77	5.6	
PCB-1221	< 5.6	U	2	1.0567	5.6	
PCB-1232	< 5.6	U	2	1.3733	5.6	
PCB-1242	< 5.6	U	2	.53333	5.6	
PCB-1248	18.		2	1.53	5.555	6
PCB-1254	< 5.6	U	2	1.0067	5.6	
PCB-1260	< 5.6	U	2	.65667	5.6	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.%		2	30-150	38
Decachlorobiphenyl (surrogate)	83.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.



Authorized: _____
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2920
Samp. Description: T4-1-3S
Primary column Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 10 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 90.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 5.6	U	1	.77	5.6	
PCB-1221	< 5.6	U	1	1.0567	5.6	
PCB-1232	< 5.6	U	1	1.3733	5.6	
PCB-1242	< 5.6	U	1	.53333	5.6	
PCB-1248	11.		1	1.53	5.555	
PCB-1254	< 5.6	U	1	1.0067	5.6	
PCB-1260	< 5.6	U	1	.65667	5.6	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.%		1	30-150	38
Decachlorobiphenyl (surrogate)	87.%		1	30-150	38

Notes:


- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2925
 Sample: W2920
 Samp. Description: T4-1-3S
 Primary column N
 Units: mg/Kg Dry weight
 Column: DB-1701, 30m x .53mm ID
 Dilution: 10 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
 Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
 Received: 08/08/02 QC Batch: 080902S1
 Prepared: 08/09/02 %Solids: 90.0
 Analyzed: 08/09/02 Sample Size: 30 g
 Number of analytes: 7


Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 5.6	U	2	.77	5.6	
PCB-1221	< 5.6	U	2	1.0567	5.6	
PCB-1232	< 5.6	U	2	1.3733	5.6	
PCB-1242	< 5.6	U	2	.53333	5.6	
PCB-1248	15.		2	1.53	5.555	
PCB-1254	< 5.6	U	2	1.0067	5.6	
PCB-1260	< 5.6	U	2	.65667	5.6	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	98.%		2	30-150	38
Decachlorobiphenyl (surrogate)	85.%		2	30-150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: 
 Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2925
 Sample: W2921
 Samp. Description: T4-1-4W
 Primary column: Y
 Units: mg/Kg Dry weight
 Column: DB-1701, 30m x .53mm ID
 Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
 Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
 Received: 08/08/02 QC Batch: 080902S1
 Prepared: 08/09/02 %Solids: 88.0
 Analyzed: 08/09/02 Sample Size: 30 g
 Number of analytes: 7

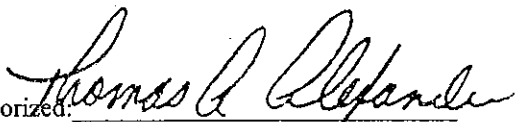
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 28.	U	2	3.9375	28.	
PCB-1221	< 28.	U	2	5.4034	28.	
PCB-1232	< 28.	U	2	7.0227	28.	
PCB-1242	< 28.	U	2	2.7273	28.	
PCB-1248	120.		2	7.8239	28.409	6
PCB-1254	< 28.	U	2	5.1477	28.	
PCB-1260	< 28.	U	2	3.3580	28.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	168.%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	81.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: 
 Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2921
Samp. Description: T4-1-4W
Primary column: N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 88.0
Analyzed: 08/13/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 28.	U	1	3.9375	28.	
PCB-1221	< 28.	U	1	5.4034	28.	
PCB-1232	< 28.	U	1	7.0227	28.	
PCB-1242	< 28.	U	1	2.7273	28.	
PCB-1248	130.		1	7.8239	28.409	6
PCB-1254	< 28.	U	1	5.1477	28.	
PCB-1260	< 28.	U	1	3.3580	28.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	168.%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	87.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 

Date: August 13, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2922
Samp. Description: T4-5F
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

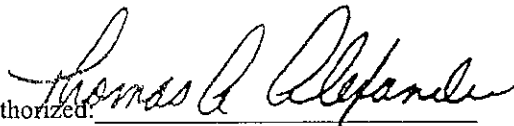
Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 76.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .66	U	1	.09118	.66	
PCB-1221	< .66	U	1	.12513	.66	
PCB-1232	< .66	U	1	.16263	.66	
PCB-1242	< .66	U	1	.06316	.66	
PCB-1248	2.6		1	.18118	.6579	
PCB-1254	< .66	U	1	.11921	.66	
PCB-1260	< .66	U	1	.07776	.66	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	74.%		1	30-150	
Decachlorobiphenyl (surrogate)	71.%		1	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2922
Samp. Description: T4-5F
Primary column: N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 76.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .66	U	2	.09118	.66	
PCB-1221	< .66	U	2	.12513	.66	
PCB-1232	< .66	U	2	.16263	.66	
PCB-1242	< .66	U	2	.06316	.66	
PCB-1248	3.3		2	.18118	.6579	
PCB-1254	< .66	U	2	.11921	.66	
PCB-1260	< .66	U	2	.07776	.66	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	81.%		2	30-150	
Decachlorobiphenyl (surrogate)	68.%		2	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2917
Samp. Description: FD #1
Primary column Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 90.0
Analyzed: 08/09/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .56	U	1	.077	.56	
PCB-1221	< .56	U	1	.10567	.56	
PCB-1232	< .56	U	1	.13733	.56	
PCB-1242	< .56	U	1	.05333	.56	
PCB-1248	2.6		1	.153	.5556	6
PCB-1254	< .56	U	1	.10067	.56	
PCB-1260	< .56	U	1	.06567	.56	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.%		1	30-150	
Decachlorobiphenyl (surrogate)	82.%		1	30-150	

Notes:

6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 

Date: August 16, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2917
Samp. Description: FD #1
Primary column: N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 90.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .56	U	2	.077	.56	
PCB-1221	< .56	U	2	.10567	.56	
PCB-1232	< .56	U	2	.13733	.56	
PCB-1242	< .56	U	2	.05333	.56	
PCB-1248	3.6		2	.153	.5556	
PCB-1254	< .56	U	2	.10067	.56	
PCB-1260	< .56	U	2	.06567	.56	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.%		2	30-150	
Decachlorobiphenyl (surrogate)	78.%		2	30-150	

Notes:

6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



Authorized: _____
Date: August 13, 2002 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former IFG Facility

Proj. Desc:

Package#: 2925

Sample: W2912

Sample Description: TB51-1N

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435 .087.66301

Certification NY No.: 10155

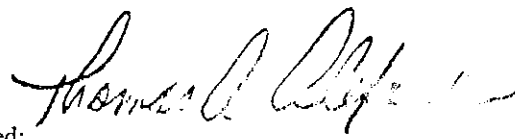
Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 91.0
Sample Size: 30 g
Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .55	U	.076	.55	1	08/09/02	
PCB-1221	< .55	U	.105	.55	1	08/09/02	
PCB-1232	< .55	U	.136	.55	1	08/09/02	
PCB-1242	< .55	U	.053	.55	1	08/09/02	
PCB-1248	2.1		.151	.5494	1	08/09/02	
PCB-1254	< .55	U	.1	.55	1	08/09/02	
PCB-1260	< .55	U	.065	.55	1	08/09/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30 - 150	
Decachlorobiphenyl (surrogate)	70.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former IFG Facility

Proj. Desc:

Package#: 2925

Sample: W2912

Sample Description: TB51-1N

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435.087.66301

Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
 Received: 08/08/02 QC Batch: 080902S1
 Prepared: 08/09/02 %Solids: 91.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .55	U	.076	.55	1	08/09/02	
PCB-1221	< .55	U	.105	.55	1	08/09/02	
PCB-1232	< .55	U	.136	.55	1	08/09/02	
PCB-1242	< .55	U	.053	.55	1	08/09/02	
PCB-1248	1.6		.151	.5494	1	08/09/02	
PCB-1254	< .55	U	.1	.55	1	08/09/02	
PCB-1260	< .55	U	.065	.55	1	08/09/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	81.		30 - 150	
Decachlorobiphenyl (surrogate)	76.		30 - 150	

Notes:

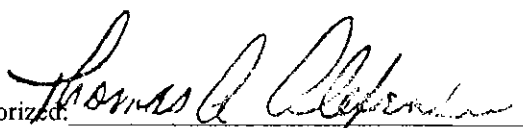
B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2925
 Sample: W2913
 Samp. Description: TB51-2E
 Primary column: Y
 Units: mg/Kg Dry weight
 Column: DB-608, 30m x .53mm ID
 Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
 Certification NY No.: 10155

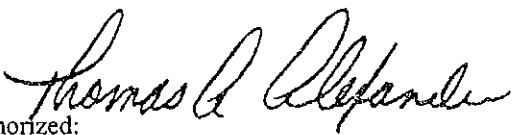
Collected: 08/08/02 Matrix: Solid
 Received: 08/08/02 QC Batch: 080902S1
 Prepared: 08/09/02 %Solids: 88.0
 Analyzed: 08/09/02 Sample Size: 30 g
 Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .57	U	1	.07875	.57	
PCB-1221	< .57	U	1	.10807	.57	
PCB-1232	< .57	U	1	.14045	.57	
PCB-1242	< .57	U	1	.05455	.57	
PCB-1248	2.6		1	.15648	.5682	6
PCB-1254	< .57	U	1	.10295	.57	
PCB-1260	< .57	U	1	.06716	.57	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	78.%		1	30-150	
Decachlorobiphenyl (surrogate)	71.%		1	30-150	

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.



Authorized: _____
 Date: August 13, 2002 Thomas Alexander

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

**O'Brien & Gere
Laboratories, Inc.**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2925
 Sample: W2913
 Samp. Description: TB51-2E
 Primary column N
 Units: mg/Kg Dry weight
 Column: DB-1701, 30m x .53mm ID
 Dilution: 1 Instrument: HP5890-90

**Analytical Results
Method: 8082**

Job No.: 3435 .087 .66301
 Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
 Received: 08/08/02 QC Batch: 080902S1
 Prepared: 08/09/02 %Solids: 88.0
 Analyzed: 08/09/02 Sample Size: 30 g
 Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .57	U	2	.07875	.57	
PCB-1221	< .57	U	2	.10807	.57	
PCB-1232	< .57	U	2	.14045	.57	
PCB-1242	< .57	U	2	.05455	.57	
PCB-1248	4.8		2	.17782	.6457	6
PCB-1254	< .57	U	2	.10295	.57	
PCB-1260	< .57	U	2	.06716	.57	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	84.%		2	30-150	
Decachlorobiphenyl (surrogate)	68.%		2	30-150	

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.



Authorized: _____
 Date: August 22, 2002 Thomas Alexander

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former IFG Facility

Proj. Desc:

Package#: 2925

Sample: W2914

Samp. Description: TB51-3S

Primary column: Y

Units: mg/Kg Dry weight

Column: DB-608, 30m x .53mm ID

Dilution: 1

Instrument: HP5890-90

Analytical Results

Method: 8082

Job No.: 3435 .087 .66301

Certification NY No.: 10155

Collected: 08/08/02

Matrix: Solid

Received: 08/08/02

QC Batch: 080902S1

Prepared: 08/09/02

%Solids: 75.0

Analyzed: 08/09/02

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .67	U	1	.0924	.67	
PCB-1221	< .67	U	1	.1268	.67	
PCB-1232	< .67	U	1	.1648	.67	
PCB-1242	< .67	U	1	.064	.67	
PCB-1248	J .27	J	1	.1836	.667	
PCB-1254	< .67	U	1	.1208	.67	
PCB-1260	< .67	U	1	.0788	.67	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.%		1	30-150	
Decachlorobiphenyl (surrogate)	93.%		1	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



Authorized: _____

Date: August 13, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2914
Samp. Description: TB51-3S
Primary column: N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 75.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

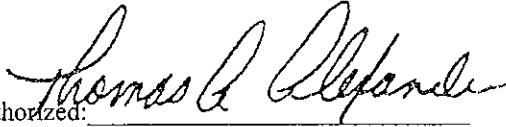
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .67	U	2	.0924	.67	
PCB-1221	< .67	U	2	.1268	.67	
PCB-1232	< .67	U	2	.1648	.67	
PCB-1242	< .67	U	2	.064	.67	
PCB-1248	J .28	J	2	.1836	.667	
PCB-1254	< .67	U	2	.1208	.67	
PCB-1260	< .67	U	2	.0788	.67	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	96.%		2	30-150	
Decachlorobiphenyl (surrogate)	79.%		2	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2915
Samp. Description: TB51-4W
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 84.0
Analyzed: 08/09/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .60	U	1	.0825	.60	
PCB-1221	< .60	U	1	.11321	.60	
PCB-1232	< .60	U	1	.14714	.60	
PCB-1242	1.8		1	.05714	.5952	6
PCB-1248	< .60	U	1	.16393	.60	
PCB-1254	< .60	U	1	.10786	.60	
PCB-1260	< .60	U	1	.07036	.60	

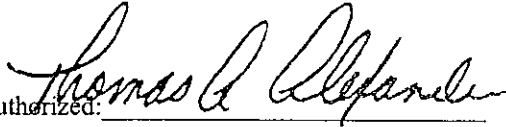
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	84.%		1	30-150	
Decachlorobiphenyl (surrogate)	86.%		1	30-150	

Notes:

6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2915
Samp. Description: TB51-4W
Primary column: N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 84.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .60	U	2	.0825	.60	
PCB-1221	< .60	U	2	.11321	.60	
PCB-1232	< .60	U	2	.14714	.60	
PCB-1242	1.6		2	.05714	.5952	
PCB-1248	< .60	U	2	.16393	.60	
PCB-1254	< .60	U	2	.10786	.60	
PCB-1260	< .60	U	2	.07036	.60	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.%		2	30-150	
Decachlorobiphenyl (surrogate)	73.%		2	30-150	

Notes:

6: Altered aroclor.



Authorized: _____

Date: August 13, 2002 Thomas Alexander

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2916
Samp. Description: TB51-5F
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 20 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 80.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 12.	U	1	1.7325	12.	
PCB-1221	< 12.	U	1	2.3775	12.	
PCB-1232	< 12.	U	1	3.09	12.	
PCB-1242	< 12.	U	1	1.2	12.	
PCB-1248	74.		1	3.4425	12.5	6
PCB-1254	< 12.	U	1	2.265	12.	
PCB-1260	< 12.	U	1	1.4775	12.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	105.%		1	30-150	38
Decachlorobiphenyl (surrogate)	79.%		1	30-150	38

Notes:


- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087 66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2925

Sample: W2916

Collected: 08/08/02

Matrix: Solid

Samp. Description: TB51-5F

Received: 08/08/02

QC Batch: 080902S1

Primary column: N

Prepared: 08/09/02

%Solids: 80.0

Units: mg/Kg Dry weight

Analyzed: 08/12/02

Sample Size: 30 g

Column: DB-1701, 30m x .53mm ID

Dilution: 20

Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 12.	U	2	
PCB-1221	< 12.	U	2	
PCB-1232	< 12.	U	2	
PCB-1242	< 12.	U	2	
PCB-1248	76.		2 6	
PCB-1254	< 12.	U	2	
PCB-1260	< 12.	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.%		2	30-150	38
Decachlorobiphenyl (surrogate)	79.%		2	30-150	38

Notes:

6: Altered aroclor.

6: Altered aroclor.


38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: 

Date: August 16, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2923
Samp. Description: SS08-1N
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	1	3.7663	27.	
PCB-1221	< 27.	U	1	5.1685	27.	
PCB-1232	< 27.	U	1	6.7174	27.	
PCB-1242	< 27.	U	1	2.6087	27.	
PCB-1248	130.		1	7.4837	27.173	6
PCB-1254	< 27.	U	1	4.9239	27.	
PCB-1260	< 27.	U	1	3.2120	27.	

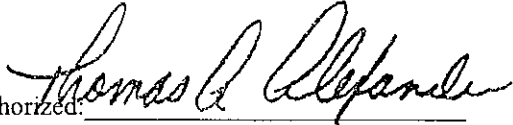
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	162.%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	77.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2923
Samp. Description: SS08-1N
Primary column N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	2	3.7663	27.	
PCB-1221	< 27.	U	2	5.1685	27.	
PCB-1232	< 27.	U	2	6.7174	27.	
PCB-1242	< 27.	U	2	2.6087	27.	
PCB-1248	140.		2	7.4837	27.17	6
PCB-1254	< 27.	U	2	4.9239	27.	
PCB-1260	< 27.	U	2	3.2120	27.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	165.%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	76.%		2	30-150	38

Notes:


- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2924
Samp. Description: SS08-2E
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 20 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7


Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	2	1.5065	11.	
PCB-1221	< 11.	U	2	2.0674	11.	
PCB-1232	< 11.	U	2	2.6870	11.	
PCB-1242	< 11.	U	2	1.0435	11.	
PCB-1248	76.		2	2.9935	10.869	6
PCB-1254	< 11.	U	2	1.9696	11.	
PCB-1260	< 11.	U	2	1.2848	11.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	106.%		2	30-150	38
Decachlorobiphenyl (surrogate)	73.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.


Authorized: _____
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2924
Samp. Description: SS08-2E
Primary column: N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 20 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/13/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	1	1.5065	11.	
PCB-1221	< 11.	U	1	2.0674	11.	
PCB-1232	< 11.	U	1	2.6870	11.	
PCB-1242	< 11.	U	1	1.0435	11.	
PCB-1248	70.		1	2.9935	10.869	6
PCB-1254	< 11.	U	1	1.9696	11.	
PCB-1260	< 11.	U	1	1.2848	11.	


Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	101.%		1	30-150	38
Decachlorobiphenyl (surrogate)	79.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2925
Samp. Description: SS08-3S
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 10 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 94.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 5.3	U	1	.73723	5.3	
PCB-1221	< 5.3	U	1	1.0117	5.3	
PCB-1232	< 5.3	U	1	1.3149	5.3	
PCB-1242	< 5.3	U	1	.51064	5.3	
PCB-1248	37.		1	1.4649	5.3	191 6
PCB-1254	< 5.3	U	1	.96383	5.3	
PCB-1260	< 5.3	U	1	.62872	5.3	

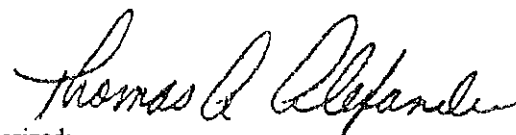
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.%		1	30-150	38
Decachlorobiphenyl (surrogate)	88.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



Authorized: _____
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2925
Samp. Description: SS08-3S
Primary column N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 10 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 94.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 5.3	U	2	.73723	5.3	
PCB-1221	< 5.3	U	2	1.0117	5.3	
PCB-1232	< 5.3	U	2	1.3149	5.3	
PCB-1242	< 5.3	U	2	.51064	5.3	
PCB-1248	47.		2	1.4649	5.319	6
PCB-1254	< 5.3	U	2	.96383	5.3	
PCB-1260	< 5.3	U	2	.62872	5.3	

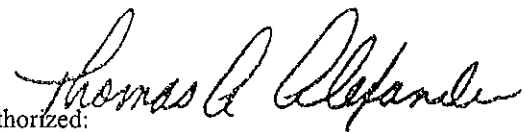
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	102.%		2	30-150	38
Decachlorobiphenyl (surrogate)	85.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2926
Samp. Description: SS08-4W
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 20 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/09/02 Sample Size: 30 g
Number of analytes: 7

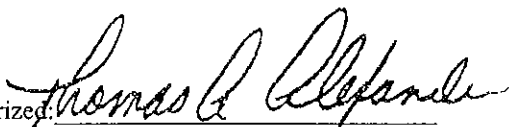
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	1	1.4903	11.	
PCB-1221	< 11.	U	1	2.0452	11.	
PCB-1232	< 11.	U	1	2.6581	11.	
PCB-1242	< 11.	U	1	1.0323	11.	
PCB-1248	18.		1	2.9613	10.752	6
PCB-1254	< 11.	U	1	1.9484	11.	
PCB-1260	< 11.	U	1	1.2710	11.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	67.%		1	30-150	38
Decachlorobiphenyl (surrogate)	38.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 13, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2925
Sample: W2926
Samp. Description: SS08-4W
Primary column N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 20 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	2	1.4903	11.	
PCB-1221	< 11.	U	2	2.0452	11.	
PCB-1232	< 11.	U	2	2.6581	11.	
PCB-1242	< 11.	U	2	1.0323	11.	
PCB-1248	25.		2	2.9613	10.75	6
PCB-1254	< 11.	U	2	1.9484	11.	
PCB-1260	< 11.	U	2	1.2710	11.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	73.%		2	30-150	38
Decachlorobiphenyl (surrogate)	38.%		2	30-150	38

Notes:


- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W2927
Samp. Description: SS08-5F
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 94.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	1	3.6862	27.	
PCB-1221	< 27.	U	1	5.0585	27.	
PCB-1232	< 27.	U	1	6.5745	27.	
PCB-1242	< 27.	U	1	2.5532	27.	
PCB-1248	110.		1	7.3245	26.595	6
PCB-1254	< 27.	U	1	4.8191	27.	
PCB-1260	< 27.	U	1	3.1436	27.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	158.%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	73.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
Date: August 13, 2002 Thomas Alexander

- # - Outside control limits U - Undetected at the reported level.
- J - reported value is estimated.
- E - concentration exceeded the calibration range and is estimated.

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2925
Sample: W 2927
Samp. Description: SS08-5F
Primary column N
Units: mg/Kg Dry weight
Column: DB-1701, 30m x .53mm ID
Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S1
Prepared: 08/09/02 %Solids: 94.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	2	3.6862	27.	
PCB-1221	< 27.	U	2	5.0585	27.	
PCB-1232	< 27.	U	2	6.5745	27.	
PCB-1242	< 27.	U	2	2.5532	27.	
PCB-1248	130.		2	7.3245	26.59	6
PCB-1254	< 27.	U	2	4.8191	27.	
PCB-1260	< 27.	U	2	3.1436	27.	


Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	170.%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	72.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2957
Samp. Description: TB53-1N
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 100 Instrument: HP5890-89

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 89.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7


Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 56.	U	2	7.7865	56.	
PCB-1221	< 56.	U	2	10.685	56.	
PCB-1232	< 56.	U	2	13.888	56.	
PCB-1242	< 56.	U	2	5.3933	56.	
PCB-1248	400.		2	15.472	56.17	6
PCB-1254	< 56.	U	2	10.180	56.	
PCB-1260	< 56.	U	2	6.6404	56.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		2 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2928
Sample: W2957
Samp. Description: TB53-1N
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 100 Instrument: HP5890-90

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 89.0
Analyzed: 08/15/02 Sample Size: 30 g
Number of analytes: 7


Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 56.	U	1	7.7865	56.	
PCB-1221	< 56.	U	1	10.685	56.	
PCB-1232	< 56.	U	1	13.888	56.	
PCB-1242	< 56.	U	1	5.3933	56.	
PCB-1248	370.		1	15.472	56.17	6
PCB-1254	< 56.	U	1	10.180	56.	
PCB-1260	< 56.	U	1	6.6404	56.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		1 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Package#: 2928
Sample: W2958
Samp. Description: TB53-2E
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 100 Instrument: HP5890-89

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 95.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

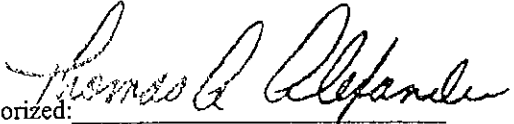
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 53.	U	2	7.2947	53.	
PCB-1221	< 53.	U	2	10.011	53.	
PCB-1232	< 53.	U	2	13.011	53.	
PCB-1242	< 53.	U	2	5.0526	53.	
PCB-1248	360.		2	14.495	52.63	6
PCB-1254	< 53.	U	2	9.5368	53.	
PCB-1260	< 53.	U	2	6.2211	53.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		2 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Package#: 2928

Sample: W2958

Samp. Description: TB53-2E

Primary column N

Units: mg/Kg Dry weight

Column: DB-608, 30m x .53mm ID

Dilution: 100

Instrument: HP5890-90

Collected: 08/08/02

Received: 08/08/02

Prepared: 08/09/02

Analyzed: 08/15/02

Matrix: Solid

QC Batch: 080902S2

%Solids: 95.0

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 53.	U	1	7.2947	53.	
PCB-1221	< 53.	U	1	10.011	53.	
PCB-1232	< 53.	U	1	13.011	53.	
PCB-1242	< 53.	U	1	5.0526	53.	
PCB-1248	340.		1	14.495	52.63	6
PCB-1254	< 53.	U	1	9.5368	53.	
PCB-1260	< 53.	U	1	6.2211	53.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		1 #	30-150	38

Notes:

6: Altered aroclor.

6: Altered aroclor.


38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2959
Samp. Description: TB53-3S
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 200 Instrument: HP5890-89

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/12/02 Sample Size: 30 g


Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 110.	U	2	15.065	110.	
PCB-1221	< 110.	U	2	20.674	110.	
PCB-1232	< 110.	U	2	26.870	110.	
PCB-1242	< 110.	U	2	10.435	110.	
PCB-1248	1100.		2	29.935	108.6	6
PCB-1254	< 110.	U	2	19.696	110.	
PCB-1260	< 110.	U	2	12.848	110.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		2 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

Authorized: 
Date: August 16, 2002 Thomas Alexander

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Package#: 2928
Sample: W2959
Samp. Description: TB53-3S
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 200 Instrument: HP5890-90

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/15/02 Sample Size: 30 g

Number of analytes: 7

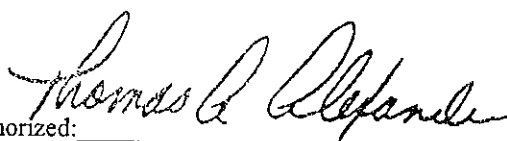
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 110.	U	1	15.065	110.	
PCB-1221	< 110.	U	1	20.674	110.	
PCB-1232	< 110.	U	1	26.870	110.	
PCB-1242	< 110.	U	1	10.435	110.	
PCB-1248	910.		1	29.935	108.6	6
PCB-1254	< 110.	U	1	19.696	110.	
PCB-1260	< 110.	U	1	12.848	110.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		1 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2960
Samp. Description: TB53-4W
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 100 Instrument: HP5890-89

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 89.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 56.	U	2	7.7865	56.	
PCB-1221	< 56.	U	2	10.685	56.	
PCB-1232	< 56.	U	2	13.888	56.	
PCB-1242	< 56.	U	2	5.3933	56.	
PCB-1248	410.		2	15.472	56.17	6
PCB-1254	< 56.	U	2	10.180	56.	
PCB-1260	< 56.	U	2	6.6404	56.	


Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		2 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2960
Samp. Description: TB53-4W
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 100 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 89.0
Analyzed: 08/15/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 56.	U	1	7.7865	56.	
PCB-1221	< 56.	U	1	10.685	56.	
PCB-1232	< 56.	U	1	13.888	56.	
PCB-1242	< 56.	U	1	5.3933	56.	
PCB-1248	340.		1	15.472	56.17	6
PCB-1254	< 56.	U	1	10.180	56.	
PCB-1260	< 56.	U	1	6.6404	56.	


Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		1 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2961
Samp. Description: TB53-5F
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 50 Instrument: HP5890-89

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	2	3.7258	27.	
PCB-1221	< 27.	U	2	5.1129	27.	
PCB-1232	< 27.	U	2	6.6452	27.	
PCB-1242	< 27.	U	2	2.5806	27.	
PCB-1248	180.		2	7.4032	26.88	6
PCB-1254	< 27.	U	2	4.8710	27.	
PCB-1260	< 27.	U	2	3.1774	27.	

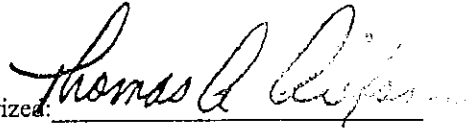
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		2 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2961
Samp. Description: TB53-5F
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 50 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/15/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	1	3.7258	27.	
PCB-1221	< 27.	U	1	5.1129	27.	
PCB-1232	< 27.	U	1	6.6452	27.	
PCB-1242	< 27.	U	1	2.5806	27.	
PCB-1248	140.		1	7.4032	26.88	6
PCB-1254	< 27.	U	1	4.8710	27.	
PCB-1260	< 27.	U	1	3.1774	27.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	157.%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	75.%		1	30-150	38

Notes:


- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Package#: 2928
Sample: W2962
Samp. Description: SS06-1N
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 20 Instrument: HP5890-89

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	2	1.4903	11.	
PCB-1221	< 11.	U	2	2.0452	11.	
PCB-1232	< 11.	U	2	2.6581	11.	
PCB-1242	< 11.	U	2	1.0323	11.	
PCB-1248	98.		2	2.9613	10.75	6
PCB-1254	< 11.	U	2	1.9484	11.	
PCB-1260	< 11.	U	2	1.2710	11.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.%		2	30-150	38
Decachlorobiphenyl (surrogate)	100.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2962
Samp. Description: SS06-1N
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 20 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/15/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	1	1.4903	11.	
PCB-1221	< 11.	U	1	2.0452	11.	
PCB-1232	< 11.	U	1	2.6581	11.	
PCB-1242	< 11.	U	1	1.0323	11.	
PCB-1248	79.		1	2.9613	10.75	6
PCB-1254	< 11.	U	1	1.9484	11.	
PCB-1260	< 11.	U	1	1.2710	11.	

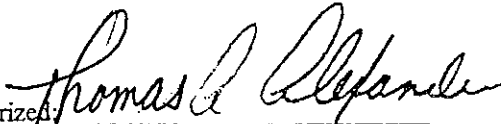
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	108.%		1	30-150	38
Decachlorobiphenyl (surrogate)	96.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Package#: 2928
Sample: W2963
Samp. Description: SS06-2E
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 5 Instrument: HP5890-89

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/12/02 Sample Size: 30 g
Number of analytes: 7

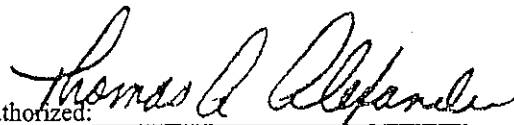
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 2.7	U	2	.37258	2.7	
PCB-1221	< 2.7	U	2	.51129	2.7	
PCB-1232	< 2.7	U	2	.66452	2.7	
PCB-1242	< 2.7	U	2	.25806	2.7	
PCB-1248	17.		2	.74032	2.688	6
PCB-1254	< 2.7	U	2	.48710	2.7	
PCB-1260	< 2.7	U	2	.31774	2.7	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	110.%		2	30-150	38
Decachlorobiphenyl (surrogate)	109.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928
Sample: W2963
Samp. Description: SS06-2E
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 5 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 93.0
Analyzed: 08/15/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 2.7	U	1	.37258	2.7	
PCB-1221	< 2.7	U	1	.51129	2.7	
PCB-1232	< 2.7	U	1	.66452	2.7	
PCB-1242	< 2.7	U	1	.25806	2.7	
PCB-1248	12.		1	.74032	2.688	6
PCB-1254	< 2.7	U	1	.48710	2.7	
PCB-1260	< 2.7	U	1	.31774	2.7	


Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.%		1	30-150	38
Decachlorobiphenyl (surrogate)	89.%		1	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2928
Sample: W2964
Samp. Description: SS06-3S
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 5 Instrument: HP5890-89

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 2.7	U	2	.37663	2.7	
PCB-1221	< 2.7	U	2	.51685	2.7	
PCB-1232	< 2.7	U	2	.67174	2.7	
PCB-1242	< 2.7	U	2	.26087	2.7	
PCB-1248	23.		2	.74837	2.717	6
PCB-1254	< 2.7	U	2	.49239	2.7	
PCB-1260	< 2.7	U	2	.32120	2.7	

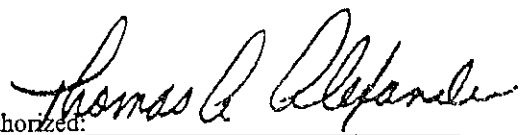
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	111.%		2	30-150	38
Decachlorobiphenyl (surrogate)	112.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200


Authorized: _____
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928

Sample: W2964

Samp. Description: SS06-3S

Primary column N

Units: mg/Kg Dry weight

Column: DB-608, 30m x .53mm ID

Dilution: 5

Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301

Certification NY No.: 10155

Collected: 08/08/02

Received: 08/08/02

Prepared: 08/09/02

Analyzed: 08/15/02

Matrix: Solid

QC Batch: 080902S2

%Solids: 92.0

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 2.7	U	1	.37663	2.7	
PCB-1221	< 2.7	U	1	.51685	2.7	
PCB-1232	< 2.7	U	1	.67174	2.7	
PCB-1242	< 2.7	U	1	.26087	2.7	
PCB-1248	17.		1	.74837	2.717	6
PCB-1254	< 2.7	U	1	.49239	2.7	
PCB-1260	< 2.7	U	1	.32120	2.7	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.%		1	30-150	38
Decachlorobiphenyl (surrogate)	90.%		1	30-150	38

Notes:

6: Altered aroclor.

6: Altered aroclor.

38: Surrogate was diluted


38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Package#: 2928
Sample: W2965
Samp. Description: SS06-4W
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 50 Instrument: HP5890-89

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7


Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	2	3.7663	27.	
PCB-1221	< 27.	U	2	5.1685	27.	
PCB-1232	< 27.	U	2	6.7174	27.	
PCB-1242	< 27.	U	2	2.6087	27.	
PCB-1248	210.		2	7.4837	27.17	6
PCB-1254	< 27.	U	2	4.9239	27.	
PCB-1260	< 27.	U	2	3.2120	27.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0%		2 #	30-150	38
Decachlorobiphenyl (surrogate)	<0.0%		2 #	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928

Sample: W2965

Samp. Description: SS06-4W

Primary column N

Units: mg/Kg Dry weight

Column: DB-608, 30m x .53mm ID

Dilution: 50

Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301

Certification NY No.: 10155

Collected: 08/08/02

Received: 08/08/02

Prepared: 08/09/02

Analyzed: 08/15/02

Matrix: Solid

QC Batch: 080902S2

%Solids: 92.0

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 27.	U	1	3.7663	27.	
PCB-1221	< 27.	U	1	5.1685	27.	
PCB-1232	< 27.	U	1	6.7174	27.	
PCB-1242	< 27.	U	1	2.6087	27.	
PCB-1248	180.		1	7.4837	27.17	6
PCB-1254	< 27.	U	1	4.9239	27.	
PCB-1260	< 27.	U	1	3.2120	27.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	161.%		1 #	30-150	38
Decachlorobiphenyl (surrogate)	85.%		1	30-150	38

Notes:

6: Altered aroclor.

6: Altered aroclor.

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: 

Date: August 16, 2002

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Package#: 2928

Sample: W2966

Samp. Description: SS06-5F

Primary column Y

Units: mg/Kg Dry weight

Column: RTXCLP2, 30m x .53mmID

Dilution: 1

Instrument: HP5890-89

Analytical Results Method: 8082

Job No.: 3435 .087 .66301

Certification NY No.: 10155

Collected: 08/08/02

Received: 08/08/02

Prepared: 08/09/02

Analyzed: 08/12/02

Matrix: Solid

QC Batch: 080902S2

%Solids: 92.0

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .54	U	2	.07533	.54	
PCB-1221	< .54	U	2	.10337	.54	
PCB-1232	< .54	U	2	.13435	.54	
PCB-1242	< .54	U	2	.05217	.54	
PCB-1248	J .41	J	2	.14967	.543	6
PCB-1254	< .54	U	2	.09848	.54	
PCB-1260	< .54	U	2	.06424	.54	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	104.%		2	30-150	
Decachlorobiphenyl (surrogate)	113.%		2	30-150	

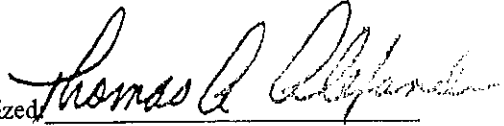
Notes:

6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: 

Date: August 16, 2002

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2928
Sample: W 2966
Samp. Description: SS06-5F
Primary column N
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/15/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< .54	U	1	.07533	.54	
PCB-1221	< .54	U	1	.10337	.54	
PCB-1232	< .54	U	1	.13435	.54	
PCB-1242	< .54	U	1	.05217	.54	
PCB-1248	J .51	J	1	.14967	.543	
PCB-1254	< .54	U	1	.09848	.54	
PCB-1260	< .54	U	1	.06424	.54	

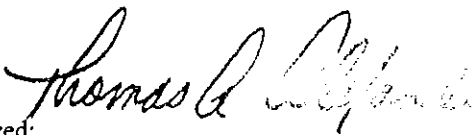
Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.%		1	30-150	
Decachlorobiphenyl (surrogate)	94.%		1	30-150	

Notes:

6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: August 16, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:
Package#: 2928
Sample: W2967
Samp. Description: FD#2 *50-75-71*
Primary column Y
Units: mg/Kg Dry weight
Column: RTXCLP2, 30m x .53mmID
Dilution: 20 Instrument: HP5890-89

Analytical Results Method: 8082

Job No.: 3435 .087 .66301
Certification NY No.: 10155

Collected: 08/08/02 Matrix: Solid
Received: 08/08/02 QC Batch: 080902S2
Prepared: 08/09/02 %Solids: 92.0
Analyzed: 08/13/02 Sample Size: 30 g
Number of analytes: 7

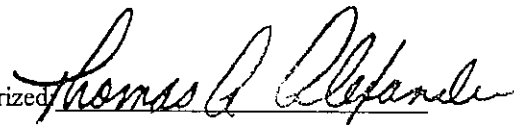
Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	2	1.5065	11.	
PCB-1221	< 11.	U	2	2.0674	11.	
PCB-1232	< 11.	U	2	2.6870	11.	
PCB-1242	< 11.	U	2	1.0435	11.	
PCB-1248	55.		2	2.9935	10.86	6
PCB-1254	< 11.	U	2	1.9696	11.	
PCB-1260	< 11.	U	2	1.2848	11.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.%		2	30-150	38
Decachlorobiphenyl (surrogate)	75.%		2	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:-

Package#: 2928

Sample: W2967

Samp. Description: FD#2

Primary column N

Units: mg/Kg Dry weight

Column: DB-608, 30m x .53mm ID

Dilution: 20

Instrument: HP5890-90

Analytical Results Method: 8082

Job No.: 3435 .087 .66301

Certification NY No.: 10155

Collected: 08/08/02

Received: 08/08/02

Prepared: 08/09/02

Analyzed: 08/15/02

Matrix: Solid

QC Batch: 080902S2

%Solids: 92.0

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	MDL	RL	Notes
PCB-1016	< 11.	U	1	1.5065	11.	
PCB-1221	< 11.	U	1	2.0674	11.	
PCB-1232	< 11.	U	1	2.6870	11.	
PCB-1242	< 11.	U	1	1.0435	11.	
PCB-1248	49.		1	2.9935	10.86	6
PCB-1254	< 11.	U	1	1.9696	11.	
PCB-1260	< 11.	U	1	1.2848	11.	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	108.%		1	30-150	38
Decachlorobiphenyl (surrogate)	95.%		1	30-150	38

Notes:

6: Altered aroclor.

6: Altered aroclor.

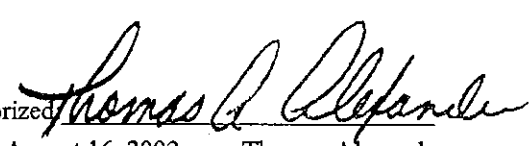
38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: August 16, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2619

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-N1

Received: 08/05/02

QC Batch: 080602S1

Primary column: Y

Prepared: 08/06/02

%Solids: 87.0

Units: mg/Kg Dry weight

Analyzed: 08/08/02

Sample Size: 30 g

Column: DB-608, 30m x .53mm ID

Dilution: 10

Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.7	U	1	
PCB-1221	< 5.7	U	1	
PCB-1232	< 5.7	U	1	
PCB-1242	< 5.7	U	1	
PCB-1248	14.		1	
PCB-1254	< 5.7	U	1	
PCB-1260	< 5.7	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.%		1	30-150	38
Decachlorobiphenyl (surrogate)	96.%		1	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2619

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-N1

Received: 08/05/02

QC Batch: 080602S1

Primary column: N

Prepared: 08/06/02

%Solids: 87.0

Units: mg/Kg Dry weight

Analyzed: 08/08/02

Sample Size: 30 g

Column: DB-1701, 30m x .53mm ID

Dilution: 10

Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.7	U	2	
PCB-1221	< 5.7	U	2	
PCB-1232	< 5.7	U	2	
PCB-1242	< 5.7	U	2	
PCB-1248	17.		2	
PCB-1254	< 5.7	U	2	
PCB-1260	< 5.7	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.%		2	30-150	38
Decachlorobiphenyl (surrogate)	90.%		2	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2895
 Sample: W2620
 Samp. Description: NW-DP2-N2
 Primary column: Y
 Units: mg/Kg Dry weight
 Column: DB-608, 30m x .53mm ID
 Dilution: 10 Instrument: HP5890-90

Job No.: 3435 087.66301
 Certification NY No.: 10155

Collected: 08/05/02 Matrix: Solid
 Received: 08/05/02 QC Batch: 080602S1
 Prepared: 08/06/02 %Solids: 85.0
 Analyzed: 08/08/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.9	U	1	
PCB-1221	< 5.9	U	1	
PCB-1232	< 5.9	U	1	
PCB-1242	< 5.9	U	1	
PCB-1248	11.		1	
PCB-1254	< 5.9	U	1	
PCB-1260	< 5.9	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.%		1	30-150	38
Decachlorobiphenyl (surrogate)	95.%		1	30-150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: _____
 Date: August 15, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2620

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-N2

Received: 08/05/02

QC Batch: 080602S1

Primary column: N

Prepared: 08/06/02

%Solids: 85.0

Units: mg/Kg Dry weight

Analyzed: 08/08/02

Sample Size: 30 g

Column: DB-1701, 30m x .53mm ID

Dilution: 10

Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.9	U	2	
PCB-1221	< 5.9	U	2	
PCB-1232	< 5.9	U	2	
PCB-1242	< 5.9	U	2	
PCB-1248	13.		2	
PCB-1254	< 5.9	U	2	
PCB-1260	< 5.9	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.%		2	30-150	38
Decachlorobiphenyl (surrogate)	90.%		2	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former IFG Facility

Proj. Desc:

Package#: 2895

Sample: W2621

Samp. Description: NW-DP2-E1

Primary column: Y

Units: mg/Kg Dry weight

Column: DB-608, 30m x .53mm ID

Dilution: 10

Instrument: HP5890-90

Job No.: 3435 087.66301

Certification NY No.: 10155

Collected: 08/05/02

Matrix: Solid

Received: 08/05/02

QC Batch: 080602S1

Prepared: 08/06/02

%Solids: 86.0

Analyzed: 08/08/02

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.8	U	1	
PCB-1221	< 5.8	U	1	
PCB-1232	< 5.8	U	1	
PCB-1242	< 5.8	U	1	
PCB-1248	30.		1	
PCB-1254	< 5.8	U	1	
PCB-1260	< 5.8	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.%		1	30-150	38
Decachlorobiphenyl (surrogate)	92.%		1	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former IFG Facility

Proj. Desc:

Package#: 2895

Sample: W2621

Samp. Description: NW-DP2-E1

Primary column: N

Units: mg/Kg Dry weight

Column: DB-1701, 30m x .53mm ID

Dilution: 10

Instrument: HP5890-90

Job No.: 3435 087.66301

Certification NY No.: 10155

Collected: 08/05/02

Matrix: Solid

Received: 08/05/02

QC Batch: 080602S1

Prepared: 08/06/02

%Solids: 86.0

Analyzed: 08/08/02

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.8	U	2	
PCB-1221	< 5.8	U	2	
PCB-1232	< 5.8	U	2	
PCB-1242	< 5.8	U	2	
PCB-1248	31.		2	
PCB-1254	< 5.8	U	2	
PCB-1260	< 5.8	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	99.%		2	30-150	38
Decachlorobiphenyl (surrogate)	88.%		2	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2895
 Sample: W2622
 Samp. Description: NW-DP2-E2
 Primary column: Y
 Units: mg/Kg Dry weight
 Column: DB-608, 30m x .53mm ID
 Dilution: 1 Instrument: HP5890-90

Job No.: 3435 087.66301
 Certification NY No.: 10155

Collected: 08/05/02 Matrix: Solid
 Received: 08/05/02 QC Batch: 080602S1
 Prepared: 08/06/02 %Solids: 89.0
 Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< .56	U	1	
PCB-1221	< .56	U	1	
PCB-1232	< .56	U	1	
PCB-1242	< .56	U	1	
PCB-1248	3.2		1	
PCB-1254	< .56	U	1	
PCB-1260	< .56	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.%		1	30-150	
Decachlorobiphenyl (surrogate)	85.%		1	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: _____
 Date: August 15, 2002 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2895
 Sample: W2622
 Samp. Description: NW-DP2-E2
 Primary column: N
 Units: mg/Kg Dry weight
 Column: DB-1701, 30m x .53mm ID
 Dilution: 1 Instrument: HP5890-90

Job No.: 3435 087.66301
 Certification NY No.: 10155

Collected: 08/05/02 Matrix: Solid
 Received: 08/05/02 QC Batch: 080602S1
 Prepared: 08/06/02 %Solids: 89.0
 Analyzed: 08/12/02 Sample Size: 30 g
 Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< .56	U	2	
PCB-1221	< .56	U	2	
PCB-1232	< .56	U	2	
PCB-1242	< .56	U	2	
PCB-1248	3.6		2	
PCB-1254	< .56	U	2	
PCB-1260	< .56	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.%		2	30-150	
Decachlorobiphenyl (surrogate)	78.%		2	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: _____
 Date: August 15, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2617

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-S

Received: 08/05/02

QC Batch: 080602S1

Primary column: Y

Prepared: 08/06/02

%Solids: 91.0

Units: mg/Kg Dry weight

Analyzed: 08/08/02

Sample Size: 30 g

Column: DB-608, 30m x .53mm ID

Dilution: 1

Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< .55	U	1	
PCB-1221	< .55	U	1	
PCB-1232	< .55	U	1	
PCB-1242	< .55	U	1	
PCB-1248	2.9		1	6
PCB-1254	< .55	U	1	
PCB-1260	< .55	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	91.%		1	30-150	
Decachlorobiphenyl (surrogate)	93.%		1	30-150	

Notes:

6: Altered aroclor.

6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2895
 Sample: W2617
 Samp. Description: NW-DP2-S
 Primary column: N
 Units: mg/Kg Dry weight
 Column: DB-1701, 30m x .53mm ID
 Dilution: 1 Instrument: HP5890-90

Job No.: 3435 087.66301
 Certification NY No.: 10155

Collected: 08/05/02 Matrix: Solid
 Received: 08/05/02 QC Batch: 080602S1
 Prepared: 08/06/02 %Solids: 91.0
 Analyzed: 08/08/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col Notes
PCB-1016	< .55	U	2
PCB-1221	< .55	U	2
PCB-1232	< .55	U	2
PCB-1242	< .55	U	2
PCB-1248	3.9		2 6
PCB-1254	< .55	U	2
PCB-1260	< .55	U	2

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.%		2	30-150	
Decachlorobiphenyl (surrogate)	85.%		2	30-150	

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: _____
 Date: August 15, 2002 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former IFG Facility
Proj. Desc:

Job No.: 3435 087.66301
Certification NY No.: 10155

Package#: 2895
Sample: W2618
Samp. Description: NW-DP2-W
Primary column: Y
Units: mg/Kg Dry weight
Column: DB-608, 30m x .53mm ID
Dilution: 10 Instrument: HP5890-90

Collected: 08/05/02 Matrix: Solid
Received: 08/05/02 QC Batch: 080602S1
Prepared: 08/06/02 %Solids: 88.0
Analyzed: 08/08/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.7	U	1	
PCB-1221	< 5.7	U	1	
PCB-1232	< 5.7	U	1	
PCB-1242	< 5.7	U	1	
PCB-1248	7.4		1	
PCB-1254	< 5.7	U	1	
PCB-1260	< 5.7	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.%		1	30-150	38
Decachlorobiphenyl (surrogate)	92.%		1	30-150	38

Notes:

38: Surrogate was diluted
38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: _____
Date: August 15, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former IFG Facility

Proj. Desc:

Package#: 2895

Sample: W2618

Samp. Description: NW-DP2-W

Primary column: N

Units: mg/Kg Dry weight

Column: DB-1701, 30m x .53mm ID

Dilution: 10 Instrument: HP5890-90

Job No.: 3435 087.66301

Certification NY No.: 10155

Collected: 08/05/02

Matrix: Solid

Received: 08/05/02

QC Batch: 080602S1

Prepared: 08/06/02

%Solids: 88.0

Analyzed: 08/08/02

Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 5.7	U	2	
PCB-1221	< 5.7	U	2	
PCB-1232	< 5.7	U	2	
PCB-1242	< 5.7	U	2	
PCB-1248	8.7		2	
PCB-1254	< 5.7	U	2	
PCB-1260	< 5.7	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	97.%		2	30-150	38
Decachlorobiphenyl (surrogate)	87.%		2	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2623

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-B1

Received: 08/05/02

QC Batch: 080602S1

Primary column: Y

Prepared: 08/06/02

%Solids: 80.0

Units: mg/Kg Dry weight

Analyzed: 08/12/02

Sample Size: 30 g

Column: DB-608, 30m x .53mm ID

Dilution: 10 Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 6.2	U	1	
PCB-1221	< 6.2	U	1	
PCB-1232	< 6.2	U	1	
PCB-1242	< 6.2	U	1	
PCB-1248	21.		1	
PCB-1254	< 6.2	U	1	
PCB-1260	< 6.2	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	97.%		1	30-150	38
Decachlorobiphenyl (surrogate)	94.%		1	30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former IFG Facility
 Proj. Desc:
 Package#: 2895
 Sample: W2623
 Samp. Description: NW-DP2-B1
 Primary column: N
 Units: mg/Kg Dry weight
 Column: DB-1701, 30m x .53mm ID
 Dilution: 10 Instrument: HP5890-90

Job No.: 3435 087.66301
 Certification NY No.: 10155

Collected: 08/05/02 Matrix: Solid
 Received: 08/05/02 QC Batch: 080602S1
 Prepared: 08/06/02 %Solids: 80.0
 Analyzed: 08/12/02 Sample Size: 30 g

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< 6.2	U	2	
PCB-1221	< 6.2	U	2	
PCB-1232	< 6.2	U	2	
PCB-1242	< 6.2	U	2	
PCB-1248	24.		2	
PCB-1254	< 6.2	U	2	
PCB-1260	< 6.2	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.%		2	30-150	38
Decachlorobiphenyl (surrogate)	88.%		2	30-150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: _____
 Date: August 15, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2624

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-B2

Received: 08/05/02

QC Batch: 080602S1

Primary column: Y

Prepared: 08/06/02

%Solids: 87.0

Units: mg/Kg Dry weight

Analyzed: 08/12/02

Sample Size: 30 g

Column: DB-608, 30m x .53mm ID

Dilution: 1 Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< .57	U	1	
PCB-1221	< .57	U	1	
PCB-1232	< .57	U	1	
PCB-1242	< .57	U	1	
PCB-1248	3.1		1	
PCB-1254	< .57	U	1	
PCB-1260	< .57	U	1	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.%		1	30-150	
Decachlorobiphenyl (surrogate)	91.%		1	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.

J - reported value is estimated.

E - concentration exceeded the calibration range and is estimated.

Authorized: _____

Date: August 15, 2002

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 087.66301

Project: GM - Former IFG Facility

Certification NY No.: 10155

Proj. Desc:

Package#: 2895

Sample: W2624

Collected: 08/05/02

Matrix: Solid

Samp. Description: NW-DP2-B2

Received: 08/05/02

QC Batch: 080602S1

Primary column: N

Prepared: 08/06/02

%Solids: 87.0

Units: mg/Kg Dry weight

Analyzed: 08/12/02

Sample Size: 30 g

Column: DB-1701, 30m x .53mm ID

Dilution: 1

Instrument: HP5890-90

Number of analytes: 7

Parameter	Result	Qual	Col	Notes
PCB-1016	< .57	U	2	
PCB-1221	< .57	U	2	
PCB-1232	< .57	U	2	
PCB-1242	< .57	U	2	
PCB-1248	3.6		2	
PCB-1254	< .57	U	2	
PCB-1260	< .57	U	2	

Surrogate	Result	Qual	Col	Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	99.%		2	30-150	
Decachlorobiphenyl (surrogate)	85.%		2	30-150	

Notes:

- Outside control limits U - Undetected at the reported level.
 J - reported value is estimated.
 E - concentration exceeded the calibration range and is estimated.

Authorized: _____
 Date: August 15, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5917
 Sample Description: T4-1-4W-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 006 . 62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 82.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

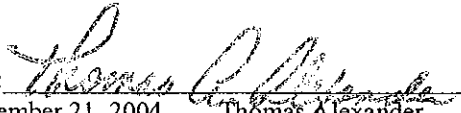
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.085	.61	1	10/16/02	
PCB-1221	< .61	U	.12	.61	1	10/16/02	
PCB-1232	< .61	U	.15	.61	1	10/16/02	
PCB-1242	< .61	U	.059	.61	1	10/16/02	
PCB-1248	.32		.17	.61	1	10/16/02	6
PCB-1254	< .61	U	.11	.61	1	10/16/02	
PCB-1260	< .61	U	.072	.61	1	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	79.		30 - 150	
Decachlorobiphenyl (surrogate)	71.		30 - 150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X5917
 Sample Description: T4-1-4W-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 82.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

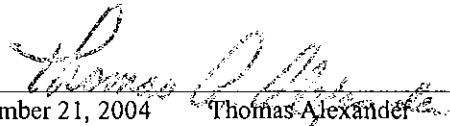
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.085	.61	1	10/16/02	
PCB-1221	< .61	U	.12	.61	1	10/16/02	
PCB-1232	< .61	U	.15	.61	1	10/16/02	
PCB-1242	< .61	U	.059	.61	1	10/16/02	
PCB-1248	.29		.17	.61	1	10/16/02	6
PCB-1254	< .61	U	.11	.61	1	10/16/02	
PCB-1260	< .61	U	.072	.61	1	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.		30 - 150	
Decachlorobiphenyl (surrogate)	80.		30 - 150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5906
 Sample Description: TB51-5F-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 51.0
 Sample Size: 30 g
 Primary: Y

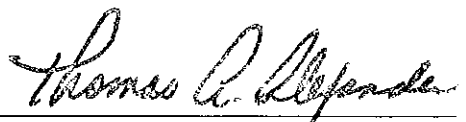
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .98	U	.14	.98	1	10/16/02	
PCB-1221	< .98	U	.19	.98	1	10/16/02	
PCB-1232	< .98	U	.24	.98	1	10/16/02	
PCB-1242	2.9		.094	.98	1	10/16/02	
PCB-1248	< .98	U	.27	.98	1	10/16/02	
PCB-1254	< .98	U	.18	.98	1	10/16/02	
PCB-1260	< .98	U	.12	.98	1	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	47.		30 - 150	
Decachlorobiphenyl (surrogate)	54.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5906
 Sample Description: TB51-5F-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 51.0
 Sample Size: 30 g
 Primary: N

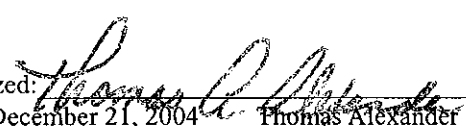
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .98	U	.14	.98	1	10/16/02	
PCB-1221	< .98	U	.19	.98	1	10/16/02	
PCB-1232	< .98	U	.24	.98	1	10/16/02	
PCB-1242	2.6		.094	.98	1	10/16/02	
PCB-1248	< .98	U	.27	.98	1	10/16/02	
PCB-1254	< .98	U	.18	.98	1	10/16/02	
PCB-1260	< .98	U	.12	.98	1	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	47.		30 - 150	
Decachlorobiphenyl (surrogate)	57.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5907
 Sample Description: SS08-1N-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

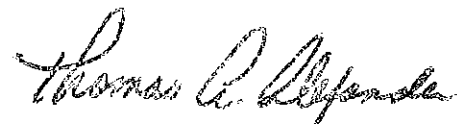
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	4.0	29	50	10/15/02	
PCB-1221	< 29.	U	5.5	29	50	10/15/02	
PCB-1232	< 29.	U	7.1	29	50	10/15/02	
PCB-1242	< 29.	U	2.8	29	50	10/15/02	
PCB-1248	210.		7.9	29	50	10/15/02	6
PCB-1254	< 29.	U	5.2	29	50	10/15/02	
PCB-1260	< 29.	U	3.4	29	50	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	65.		30 - 150	38
Decachlorobiphenyl (surrogate)	83.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5907
 Sample Description: SS08-1N-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

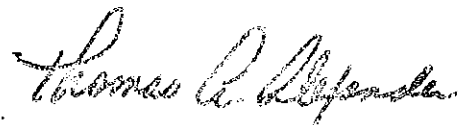
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	4.0	29	50	10/15/02	
PCB-1221	< 29.	U	5.5	29	50	10/15/02	
PCB-1232	< 29.	U	7.1	29	50	10/15/02	
PCB-1242	< 29.	U	2.8	29	50	10/15/02	
PCB-1248	250.		7.9	29	50	10/15/02	6
PCB-1254	< 29.	U	5.2	29	50	10/15/02	
PCB-1260	< 29.	U	3.4	29	50	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.		30 - 150	38
Decachlorobiphenyl (surrogate)	30.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



Authorized: _____
 Date: December 21, 2004 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5909
 Sample Description: SS08-2E-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 90.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

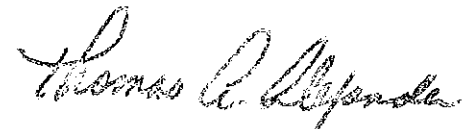
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.5	11	20	10/15/02	
PCB-1221	< 11.	U	2.1	11	20	10/15/02	
PCB-1232	< 11.	U	2.7	11	20	10/15/02	
PCB-1242	< 11.	U	1.1	11	20	10/15/02	
PCB-1248	34.		3.1	11	20	10/15/02	6
PCB-1254	< 11.	U	2.0	11	20	10/15/02	
PCB-1260	< 11.	U	1.3	11	20	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	84.		30 - 150	38
Decachlorobiphenyl (surrogate)	89.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5909
 Sample Description: SS08-2E-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 90.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

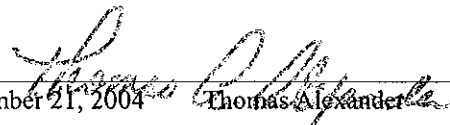
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.5	11	20	10/15/02	
PCB-1221	< 11.	U	2.1	11	20	10/15/02	
PCB-1232	< 11.	U	2.7	11	20	10/15/02	
PCB-1242	< 11.	U	1.1	11	20	10/15/02	
PCB-1248	45.		3.1	11	20	10/15/02	6
PCB-1254	< 11.	U	2.0	11	20	10/15/02	
PCB-1260	< 11.	U	1.3	11	20	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	98.		30 - 150	38
Decachlorobiphenyl (surrogate)	82.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5908
 Sample Description: SS08-5F-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

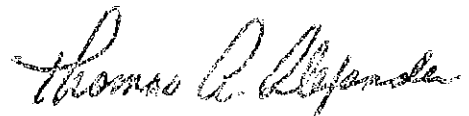
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.080	.57	1	10/15/02	
PCB-1221	< .57	U	.11	.57	1	10/15/02	
PCB-1232	< .57	U	.14	.57	1	10/15/02	
PCB-1242	< .57	U	.055	.57	1	10/15/02	
PCB-1248	.17		.16	.57	1	10/15/02	
PCB-1254	< .57	U	.10	.57	1	10/15/02	
PCB-1260	< .57	U	.068	.57	1	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	79.		30 - 150	
Decachlorobiphenyl (surrogate)	70.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5908
 Sample Description: SS08-5F-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

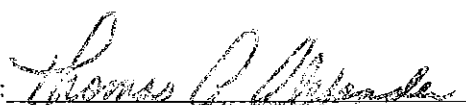
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.080	.57	1	10/15/02	
PCB-1221	< .57	U	.11	.57	1	10/15/02	
PCB-1232	< .57	U	.14	.57	1	10/15/02	
PCB-1242	< .57	U	.055	.57	1	10/15/02	
PCB-1248	.18		.16	.57	1	10/15/02	
PCB-1254	< .57	U	.10	.57	1	10/15/02	
PCB-1260	< .57	U	.068	.57	1	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	84.		30 - 150	
Decachlorobiphenyl (surrogate)	84.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X5912
 Sample Description: TB53-IN-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 .006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

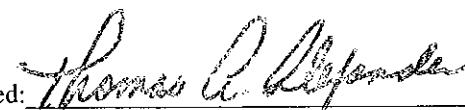
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .59	U	.082	.59	1	10/16/02	
PCB-1221	< .59	U	.11	.59	1	10/16/02	
PCB-1232	< .59	U	.15	.59	1	10/16/02	
PCB-1242	< .59	U	.056	.59	1	10/16/02	
PCB-1248	3.7		.16	.59	1	10/16/02	6
PCB-1254	< .59	U	.11	.59	1	10/16/02	
PCB-1260	< .59	U	.070	.59	1	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		30 - 150	
Decachlorobiphenyl (surrogate)	78.		30 - 150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5912
 Sample Description: TB53-IN-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 85.0
 Sample Size: 30 g
 Primary: N

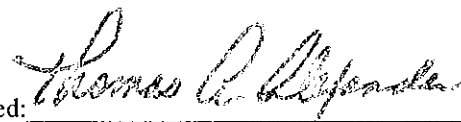
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .59	U	.082	.59	1	10/16/02	
PCB-1221	< .59	U	.11	.59	1	10/16/02	
PCB-1232	< .59	U	.15	.59	1	10/16/02	
PCB-1242	< .59	U	.056	.59	1	10/16/02	
PCB-1248	4.2		.16	.59	1	10/16/02	6
PCB-1254	< .59	U	.11	.59	1	10/16/02	
PCB-1260	< .59	U	.070	.59	1	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	77.		30 - 150	
Decachlorobiphenyl (surrogate)	84.		30 - 150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.



Authorized: _____
 Date: December 21, 2004 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5911
 Sample Description: TB53-2E-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

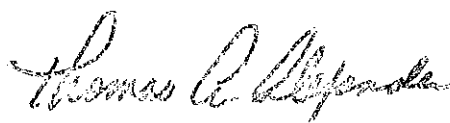
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	4.0	29	50	10/15/02	
PCB-1221	< 29.	U	5.5	29	50	10/15/02	
PCB-1232	< 29.	U	7.1	29	50	10/15/02	
PCB-1242	< 29.	U	2.8	29	50	10/15/02	
PCB-1248	73.		7.9	29	50	10/15/02	6
PCB-1254	< 29.	U	5.2	29	50	10/15/02	
PCB-1260	< 29.	U	3.4	29	50	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	69.		30 - 150	38
Decachlorobiphenyl (surrogate)	84.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5911
 Sample Description: TB53-2E-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

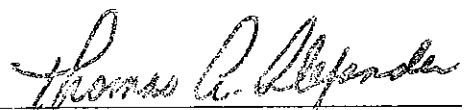
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	4.0	29	50	10/15/02	
PCB-1221	< 29.	U	5.5	29	50	10/15/02	
PCB-1232	< 29.	U	7.1	29	50	10/15/02	
PCB-1242	< 29.	U	2.8	29	50	10/15/02	
PCB-1248	95.		7.9	29	50	10/15/02	6
PCB-1254	< 29.	U	5.2	29	50	10/15/02	
PCB-1260	< 29.	U	3.4	29	50	10/15/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	77.		30 - 150	38
Decachlorobiphenyl (surrogate)	32.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5913
 Sample Description: TB53-3S-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 89.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.6	11	20	10/16/02	
PCB-1221	< 11.	U	2.1	11	20	10/16/02	
PCB-1232	< 11.	U	2.8	11	20	10/16/02	
PCB-1242	< 11.	U	1.1	11	20	10/16/02	
PCB-1248	97.		3.1	11	20	10/16/02	6
PCB-1254	< 11.	U	2.0	11	20	10/16/02	
PCB-1260	< 11.	U	1.3	11	20	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	79.		30 - 150	38
Decachlorobiphenyl (surrogate)	100.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5913
 Sample Description: TB53-3S-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 89.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

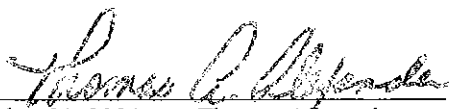
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.6	11	20	10/16/02	
PCB-1221	< 11.	U	2.1	11	20	10/16/02	
PCB-1232	< 11.	U	2.8	11	20	10/16/02	
PCB-1242	< 11.	U	1.1	11	20	10/16/02	
PCB-1248	100.		3.1	11	20	10/16/02	6
PCB-1254	< 11.	U	2.0	11	20	10/16/02	
PCB-1260	< 11.	U	1.3	11	20	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	92.		30 - 150	38
Decachlorobiphenyl (surrogate)	82.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas A. Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5914
 Sample Description: TB53-4W-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 006 . 62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

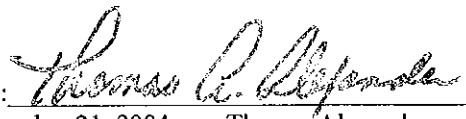
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	3.9	28	50	10/16/02	
PCB-1221	< 28.	U	5.4	28	50	10/16/02	
PCB-1232	< 28.	U	7.0	28	50	10/16/02	
PCB-1242	< 28.	U	2.7	28	50	10/16/02	
PCB-1248	180.		7.8	28	50	10/16/02	6
PCB-1254	< 28.	U	5.1	28	50	10/16/02	
PCB-1260	< 28.	U	3.4	28	50	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	64.		30 - 150	38
Decachlorobiphenyl (surrogate)	86.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5914
 Sample Description: TB53-4W-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

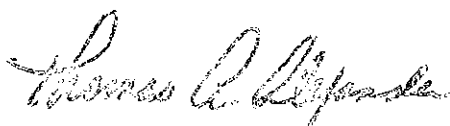
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	3.9	28	50	10/16/02	
PCB-1221	< 28.	U	5.4	28	50	10/16/02	
PCB-1232	< 28.	U	7.0	28	50	10/16/02	
PCB-1242	< 28.	U	2.7	28	50	10/16/02	
PCB-1248	230.		7.8	28	50	10/16/02	6
PCB-1254	< 28.	U	5.1	28	50	10/16/02	
PCB-1260	< 28.	U	3.4	28	50	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	82.		30 - 150	38
Decachlorobiphenyl (surrogate)	31.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5910
 Sample Description: TB53-5F-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 77.0
 Sample Size: 30 g
 Primary: Y

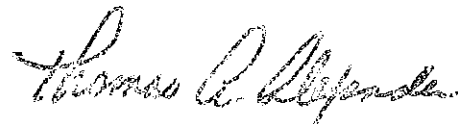
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.5	U	.90	6.5	10	10/16/02	
PCB-1221	< 6.5	U	1.2	6.5	10	10/16/02	
PCB-1232	< 6.5	U	1.6	6.5	10	10/16/02	
PCB-1242	< 6.5	U	.62	6.5	10	10/16/02	
PCB-1248	13.		1.8	6.5	10	10/16/02	6
PCB-1254	< 6.5	U	1.2	6.5	10	10/16/02	
PCB-1260	< 6.5	U	.77	6.5	10	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	74.		30 - 150	38
Decachlorobiphenyl (surrogate)	89.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5910
 Sample Description: TB53-5F-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 .006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 77.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

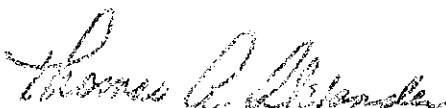
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.5	U	.90	6.5	10	10/16/02	
PCB-1221	< 6.5	U	1.2	6.5	10	10/16/02	
PCB-1232	< 6.5	U	1.6	6.5	10	10/16/02	
PCB-1242	< 6.5	U	.62	6.5	10	10/16/02	
PCB-1248	18.		1.8	6.5	10	10/16/02	6
PCB-1254	< 6.5	U	1.2	6.5	10	10/16/02	
PCB-1260	< 6.5	U	.77	6.5	10	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30 - 150	38
Decachlorobiphenyl (surrogate)	85.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X5915
 Sample Description: SS06-IN-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

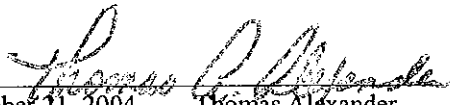
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.7	U	.79	5.7	10	10/16/02	
PCB-1221	< 5.7	U	1.1	5.7	10	10/16/02	
PCB-1232	< 5.7	U	1.4	5.7	10	10/16/02	
PCB-1242	< 5.7	U	.55	5.7	10	10/16/02	
PCB-1248	12.		1.6	5.7	10	10/16/02	6
PCB-1254	< 5.7	U	1.0	5.7	10	10/16/02	
PCB-1260	< 5.7	U	.67	5.7	10	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	87.		30 - 150	38
Decachlorobiphenyl (surrogate)	92.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5915
 Sample Description: SS06-IN-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

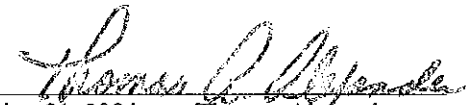
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.7	U	.79	5.7	10	10/16/02	
PCB-1221	< 5.7	U	1.1	5.7	10	10/16/02	
PCB-1232	< 5.7	U	1.4	5.7	10	10/16/02	
PCB-1242	< 5.7	U	.55	5.7	10	10/16/02	
PCB-1248	14.		1.6	5.7	10	10/16/02	6
PCB-1254	< 5.7	U	1.0	5.7	10	10/16/02	
PCB-1260	< 5.7	U	.67	5.7	10	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	96.		30 - 150	38
Decachlorobiphenyl (surrogate)	93.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5916
 Sample Description: SS06-4W-2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

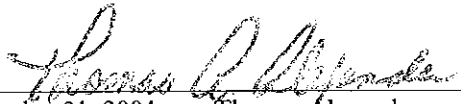
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1.2	U	.16	1.2	2	10/16/02	
PCB-1221	< 1.2	U	.22	1.2	2	10/16/02	
PCB-1232	< 1.2	U	.29	1.2	2	10/16/02	
PCB-1242	< 1.2	U	.11	1.2	2	10/16/02	
PCB-1248	2.9		.32	1.2	2	10/16/02	6
PCB-1254	< 1.2	U	.21	1.2	2	10/16/02	
PCB-1260	< 1.2	U	.14	1.2	2	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		30 - 150	38
Decachlorobiphenyl (surrogate)	79.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 3529
Sample: X 5916
Sample Description: SS06-4W-2
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.006.62201
Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
Received: 10/10/02 QC Batch: 101102S3
Prepared: 10/11/02 %Solids: 86.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP2, 30m x .53mmID

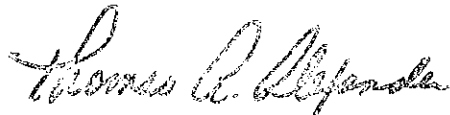
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1.2	U	.16	1.2	2	10/16/02	
PCB-1221	< 1.2	U	.22	1.2	2	10/16/02	
PCB-1232	< 1.2	U	.29	1.2	2	10/16/02	
PCB-1242	< 1.2	U	.11	1.2	2	10/16/02	
PCB-1248	2.8		.32	1.2	2	10/16/02	6
PCB-1254	< 1.2	U	.21	1.2	2	10/16/02	
PCB-1260	< 1.2	U	.14	1.2	2	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.		30 - 150	38
Decachlorobiphenyl (surrogate)	88.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5918
 Sample Description: FD #1
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 80.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

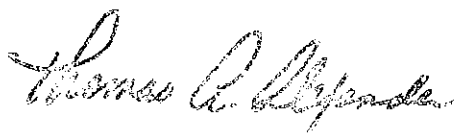
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.7	12	20	10/16/02	
PCB-1221	< 12.	U	2.4	12	20	10/16/02	
PCB-1232	< 12.	U	3.1	12	20	10/16/02	
PCB-1242	< 12.	U	1.2	12	20	10/16/02	
PCB-1248	24.		3.4	12	20	10/16/02	6
PCB-1254	< 12.	U	2.3	12	20	10/16/02	
PCB-1260	< 12.	U	1.5	12	20	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	30.		30 - 150	38
Decachlorobiphenyl (surrogate)	37.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 3529
 Sample: X 5918
 Sample Description: FD #1
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.006.62201
 Certification NY No.: 10155

Collected: 10/10/02 Matrix: Solid
 Received: 10/10/02 QC Batch: 101102S3
 Prepared: 10/11/02 %Solids: 80.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

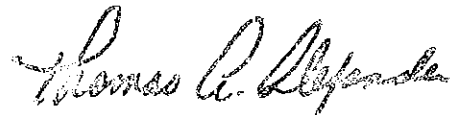
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.7	12	20	10/16/02	
PCB-1221	< 12.	U	2.4	12	20	10/16/02	
PCB-1232	< 12.	U	3.1	12	20	10/16/02	
PCB-1242	< 12.	U	1.2	12	20	10/16/02	
PCB-1248	37.		3.4	12	20	10/16/02	6
PCB-1254	< 12.	U	2.3	12	20	10/16/02	
PCB-1260	< 12.	U	1.5	12	20	10/16/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	37.		30 - 150	38
Decachlorobiphenyl (surrogate)	17.	#	30 - 150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill IRM
 Proj. Desc:
 Package#: 3778
 Sample: Y0801
 Sample Description: SS-08-IN-3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62201
 Certification NY No.: 10155

Collected: 11/05/02 Matrix: Solid
 Received: 11/05/02 QC Batch: 110602S1
 Prepared: 11/06/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: N

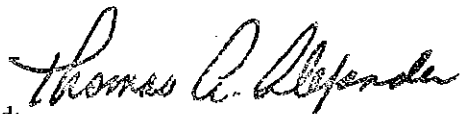
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< 28.	U	3.9	28	50	11/13/02
PCB-1221	< 28.	U	5.4	28	50	11/13/02
PCB-1232	< 28.	U	7.0	28	50	11/13/02
PCB-1242	< 28.	U	2.7	28	50	11/13/02
PCB-1248	110.		7.8	28	50	11/13/02
PCB-1254	< 28.	U	5.1	28	50	11/13/02
PCB-1260	< 28.	U	3.4	28	50	11/13/02

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.		30 - 150	
Decachlorobiphenyl (surrogate)	140.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill IRM

Proj. Desc:

Package#: 3778

Samole: Y0801

Sample Description: SS-08-IN-3

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435.124.62201

Certification NY No.: 10155

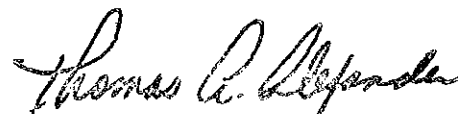
Collected: 11/05/02 Matrix: Solid
 Received: 11/05/02 QC Batch: 110602S1
 Prepared: 11/06/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	3.9	28	50	11/07/02	
PCB-1221	< 28.	U	5.4	28	50	11/07/02	
PCB-1232	< 28.	U	7.0	28	50	11/07/02	
PCB-1242	< 28.	U	2.7	28	50	11/07/02	
PCB-1248	120.		7.8	28	50	11/07/02	
PCB-1254	< 28.	U	5.1	28	50	11/07/02	
PCB-1260	< 28.	U	3.4	28	50	11/07/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	110.		30 - 150	
Decachlorobiphenyl (surrogate)	110.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62201

Project: GM - Former Landfill IRM

Certification NY No.: 10155

Proj. Desc:

Package#: 3776

Sample: Y0762

Collected: 11/05/02

Matrix: Solid

Sample Description: TB-53-3S-3

Received: 11/05/02

QC Batch: 110602S1

Instrument: HP5890-90

Prepared: 11/06/02

%Solids: 88.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< 5.7	U	.79	5.7	10	11/07/02
PCB-1221	< 5.7	U	1.1	5.7	10	11/07/02
PCB-1232	< 5.7	U	1.4	5.7	10	11/07/02
PCB-1242	< 5.7	U	.55	5.7	10	11/07/02
PCB-1248	7.0		1.6	5.7	10	11/07/02
PCB-1254	< 5.7	U	1.0	5.7	10	11/07/02
PCB-1260	< 5.7	U	.67	5.7	10	11/07/02

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.		30 - 150	
Decachlorobiphenyl (surrogate)	100.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

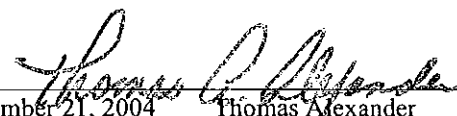
E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized:

Date: December 21, 2004

Thomas Alexander



**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill IRM
 Proj. Desc:
 Package#: 3776
 Sample: Y0762
 Sample Description: TB-53-3S-3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 124.62201
 Certification NY No.: 10155

Column Name: DB-1701, 30m x .53mm ID

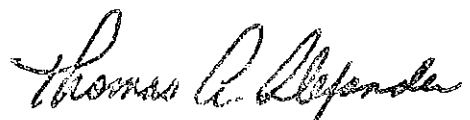
Collected: 11/05/02 Matrix: Solid
 Received: 11/05/02 QC Batch: 110602S1
 Prepared: 11/06/02 %Solids: 88.0
 Sample Size: 30 g
 Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< 5.7	U	.79	5.7	10	11/13/02
PCB-1221	< 5.7	U	1.1	5.7	10	11/13/02
PCB-1232	< 5.7	U	1.4	5.7	10	11/13/02
PCB-1242	< 5.7	U	.55	5.7	10	11/13/02
PCB-1248	8.0		1.6	5.7	10	11/13/02
PCB-1254	< 5.7	U	1.0	5.7	10	11/13/02
PCB-1260	< 5.7	U	.67	5.7	10	11/13/02

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.		30 - 150	
Decachlorobiphenyl (surrogate)	140.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill IRM
 Proj. Desc:
 Package#: 3776
 Sample: Y0763
 Sample Description: TB-53-2E-3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62201
 Certification NY No.: 10155

Collected: 11/05/02 Matrix: Solid
 Received: 11/05/02 QC Batch: 110602S1
 Prepared: 11/06/02 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

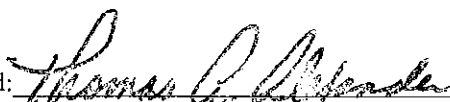
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .59	U	.082	.59	1	11/07/02	
PCB-1221	< .59	U	.11	.59	1	11/07/02	
PCB-1232	< .59	U	.15	.59	1	11/07/02	
PCB-1242	< .59	U	.056	.59	1	11/07/02	
PCB-1248	< .59	U	.16	.59	1	11/07/02	
PCB-1254	< .59	U	.11	.59	1	11/07/02	
PCB-1260	< .59	U	.070	.59	1	11/07/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.		30 - 150	
Decachlorobiphenyl (surrogate)	100.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill IRM
 Proj. Desc:
 Package#: 3776
 Sample: Y0764
 Sample Description: FD# 1
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62201
 Certification NY No.: 10155

Collected: 11/05/02 Matrix: Solid
 Received: 11/05/02 QC Batch: 110602S1
 Prepared: 11/06/02 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

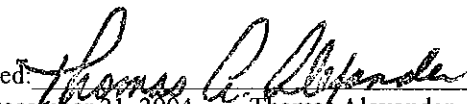
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .59	U	.082	.59	1	11/07/02	
PCB-1221	< .59	U	.11	.59	1	11/07/02	
PCB-1232	< .59	U	.15	.59	1	11/07/02	
PCB-1242	< .59	U	.056	.59	1	11/07/02	
PCB-1248	< .59	U	.16	.59	1	11/07/02	
PCB-1254	< .59	U	.11	.59	1	11/07/02	
PCB-1260	< .59	U	.070	.59	1	11/07/02	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	110.		30 - 150	
Decachlorobiphenyl (surrogate)	110.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: December 21, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill IRM
 Proj. Desc:
 Package#: 5215
 Sample: A4723
 Sample Description: SS-08-IN-5
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 124 . 62201
 Certification NY No.: 10155

Collected: 04/30/03 Matrix: Solid
 Received: 04/30/03 QC Batch: 050203S1
 Prepared: 05/02/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.6	12	20	05/02/03	
PCB-1221	< 12.	U	2.2	12	20	05/02/03	
PCB-1232	< 12.	U	2.9	12	20	05/02/03	
PCB-1242	< 12.	U	1.1	12	20	05/02/03	
PCB-1248	55.		3.2	12	20	05/02/03	6
PCB-1254	< 12.	U	2.1	12	20	05/02/03	
PCB-1260	< 12.	U	1.4	12	20	05/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.		47 - 135	38
Decachlorobiphenyl (surrogate)	78.		40 - 140	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: May 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill IRM

Proj. Desc:

Package#: 5215

Sample: A4723

Sample Description: SS-08-IN-5

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435 . 124.62201

Certification NY No.: 10155

Collected: 04/30/03 Matrix: Solid
 Received: 04/30/03 QC Batch: 050203S1
 Prepared: 05/02/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.6	12	20	05/06/03	
PCB-1221	< 12.	U	2.2	12	20	05/06/03	
PCB-1232	< 12.	U	2.9	12	20	05/06/03	
PCB-1242	< 12.	U	1.1	12	20	05/06/03	
PCB-1248	56.		3.2	12	20	05/06/03	6
PCB-1254	< 12.	U	2.1	12	20	05/06/03	
PCB-1260	< 12.	U	1.4	12	20	05/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	75.		47-135	38
Decachlorobiphenyl (surrogate)	85.		40-140	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: May 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 5870
 Sample: A 8341
 Sample Description: SS-08-IN-6
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 07/11/03 Matrix: Solid
 Received: 07/11/03 QC Batch: 071603S1
 Prepared: 07/16/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

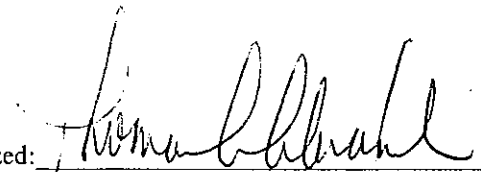
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .59	U	.082	.59	1	07/16/03	
PCB-1221	< .59	U	.11	.59	1	07/16/03	
PCB-1232	< .59	U	.15	.59	1	07/16/03	
PCB-1242	< .59	U	.056	.59	1	07/16/03	
PCB-1248	.37	J	.16	.59	1	07/16/03	6
PCB-1254	< .59	U	.11	.59	1	07/16/03	
PCB-1260	< .59	U	.070	.59	1	07/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	73.		30-150	
Decachlorobiphenyl (surrogate)	87.		30-150	

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: July 17, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 5870

Sample: A 8341

Sample Description: SS-08-IN-6

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 07/11/03 Matrix: Solid
Received: 07/11/03 QC Batch: 071603S1
Prepared: 07/16/03 %Solids: 85.0
Sample Size: 30 g
Primary: N

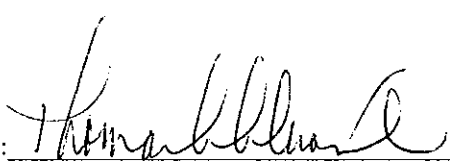
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .59	U	.082	.59	1	07/16/03	
PCB-1221	< .59	U	.11	.59	1	07/16/03	
PCB-1232	< .59	U	.15	.59	1	07/16/03	
PCB-1242	< .59	U	.056	.59	1	07/16/03	
PCB-1248	.36	J	.16	.59	1	07/16/03	6
PCB-1254	< .59	U	.11	.59	1	07/16/03	
PCB-1260	< .59	U	.070	.59	1	07/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	70.		30-150	
Decachlorobiphenyl (surrogate)	85.		30-150	

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: July 17, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 5870
Sample: A8341
Samp. Description: SS-08-IN-6

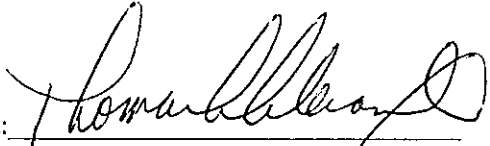
Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 07/11/03
Received: 07/11/03 17:00
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	85.2		%	2540-G		1.0	07/14/03	071403S1	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank
U - Undetected at the reported level.
J - Reported value is estimated. D- Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: July 25, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6416

Sample: B 1006

Sample Description: TB-11-W1

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 82.0
 Sample Size: 30 g
 Primary: Y


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	09/29/03	
PCB-1221	< 12.	U	3.9	12	20	09/29/03	
PCB-1232	< 12.	U	2.5	12	20	09/29/03	
PCB-1242	< 12.	U	1.6	12	20	09/29/03	
PCB-1248	16.	P	.62	12	20	09/29/03	6
PCB-1254	< 12.	U	1.3	12	20	09/29/03	
PCB-1260	< 12.	U	1.5	12	20	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	123.		30-150	38
Decachlorobiphenyl (surrogate)	86.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6416
 Sample: B 1006
 Sample Description: TB-11-W1
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 82.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	09/29/03	
PCB-1221	< 12.	U	3.9	12	20	09/29/03	
PCB-1232	< 12.	U	2.5	12	20	09/29/03	
PCB-1242	< 12.	U	1.6	12	20	09/29/03	
PCB-1248	24.	P	.62	12	20	09/29/03	6
PCB-1254	< 12.	U	1.3	12	20	09/29/03	
PCB-1260	< 12.	U	1.5	12	20	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	123.		30-150	38
Decachlorobiphenyl (surrogate)	78.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6416
Sample: B1007
Sample Description: TB-11-FD
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
Received: 09/25/03 QC Batch: 092603S1
Prepared: 09/26/03 %Solids: 81.0
Sample Size: 30 g
Primary: Y

Column Name: DB-608, 30m x .53mm ID

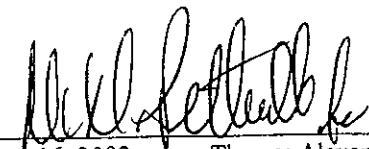
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.2	U	.56	6.2	10	09/29/03	
PCB-1221	< 6.2	U	2.0	6.2	10	09/29/03	
PCB-1232	< 6.2	U	1.3	6.2	10	09/29/03	
PCB-1242	< 6.2	U	.79	6.2	10	09/29/03	
PCB-1248	11.	P	.31	6.2	10	09/29/03	6
PCB-1254	< 6.2	U	.64	6.2	10	09/29/03	
PCB-1260	< 6.2	U	.77	6.2	10	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.		30-150	38
Decachlorobiphenyl (surrogate)	92.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6416

Sample: B1007

Sample Description: TB-11-FD

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
Received: 09/25/03 QC Batch: 092603S1
Prepared: 09/26/03 %Solids: 81.0
Sample Size: 30 g
Primary: N

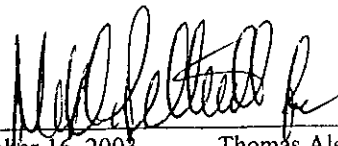
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.2	U	.56	6.2	10	09/29/03	
PCB-1221	< 6.2	U	2.0	6.2	10	09/29/03	
PCB-1232	< 6.2	U	1.3	6.2	10	09/29/03	
PCB-1242	< 6.2	U	.79	6.2	10	09/29/03	
PCB-1248	18.	P	.31	6.2	10	09/29/03	6
PCB-1254	< 6.2	U	.64	6.2	10	09/29/03	
PCB-1260	< 6.2	U	.77	6.2	10	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	121.		30-150	38
Decachlorobiphenyl (surrogate)	92.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6416

Sample: B 1002

Sample Description: TB-11-F1

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155


Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 64.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .78	U	.070	.78	1	09/29/03	
PCB-1221	< .78	U	.25	.78	1	09/29/03	
PCB-1232	< .78	U	.16	.78	1	09/29/03	
PCB-1242	< .78	U	.10	.78	1	09/29/03	
PCB-1248	.24	J P	.040	.78	1	09/29/03	
PCB-1254	< .78	U	.081	.78	1	09/29/03	
PCB-1260	< .78	U	.098	.78	1	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		30-150	
Decachlorobiphenyl (surrogate)	72.		30-150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6416
 Sample: B 1002
 Sample Description: TB-11-F1
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 64.0
 Sample Size: 30 g
 Primary: N

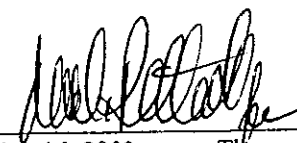
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .78	U	.070	.78	1	09/29/03	
PCB-1221	< .78	U	.25	.78	1	09/29/03	
PCB-1232	< .78	U	.16	.78	1	09/29/03	
PCB-1242	< .78	U	.10	.78	1	09/29/03	
PCB-1248	.18	J P	.040	.78	1	09/29/03	
PCB-1254	< .78	U	.081	.78	1	09/29/03	
PCB-1260	< .78	U	.098	.78	1	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	92.		30-150	
Decachlorobiphenyl (surrogate)	78.		30-150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6416
 Sample: B 1003
 Sample Description: TB-11-N1
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 79.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-608, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 320.	U	28.	320	500	09/29/03	
PCB-1221	< 320.	U	100.	320	500	09/29/03	
PCB-1232	< 320.	U	66.	320	500	09/29/03	
PCB-1242	< 320.	U	40.	320	500	09/29/03	
PCB-1248	1700.		16.	320	500	09/29/03	
PCB-1254	< 320.	U	33.	320	500	09/29/03	
PCB-1260	< 320.	U	39.	320	500	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6416
 Sample: B1003
 Sample Description: TB-11-N1
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 79.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 320.	U	28.	320	500	09/29/03	
PCB-1221	< 320.	U	100.	320	500	09/29/03	
PCB-1232	< 320.	U	66.	320	500	09/29/03	
PCB-1242	< 320.	U	40.	320	500	09/29/03	
PCB-1248	1600.		16.	320	500	09/29/03	
PCB-1254	< 320.	U	33.	320	500	09/29/03	
PCB-1260	< 320.	U	39.	320	500	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	129.		30-150	38
Decachlorobiphenyl (surrogate)	0.0	#	30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6416
 Sample: B 1004
 Sample Description: TB-11-E1
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/25/03 Matrix: Solid
 Received: 09/25/03 QC Batch: 092603S1
 Prepared: 09/26/03 %Solids: 74.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-608, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.8	U	.61	6.8	10	09/29/03	
PCB-1221	< 6.8	U	2.1	6.8	10	09/29/03	
PCB-1232	< 6.8	U	1.4	6.8	10	09/29/03	
PCB-1242	< 6.8	U	.86	6.8	10	09/29/03	
PCB-1248	16.		.34	6.8	10	09/29/03	
PCB-1254	< 6.8	U	.70	6.8	10	09/29/03	
PCB-1260	< 6.8	U	.84	6.8	10	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.		30-150	38
Decachlorobiphenyl (surrogate)	93.		30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6416

Sample: B 1004

Sample Description: TB-11-E1

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435 . 124.62301

Certification NY No.: 10155

Collected: 09/25/03

Matrix: Solid

Received: 09/25/03

QC Batch: 092603S1

Prepared: 09/26/03

%Solids: 74.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.8	U	.61	6.8	10	09/29/03	
PCB-1221	< 6.8	U	2.1	6.8	10	09/29/03	
PCB-1232	< 6.8	U	1.4	6.8	10	09/29/03	
PCB-1242	< 6.8	U	.86	6.8	10	09/29/03	
PCB-1248	14.		.34	6.8	10	09/29/03	
PCB-1254	< 6.8	U	.70	6.8	10	09/29/03	
PCB-1260	< 6.8	U	.84	6.8	10	09/29/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	121.		30-150	38
Decachlorobiphenyl (surrogate)	89.		30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: October 16, 2003

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6416

Sample: B 1005

Sample Description: TB-11-S1

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435 . 124 . 62301

Certification NY No.: 10155

Collected: 09/25/03

Matrix: Solid

Received: 09/25/03

QC Batch: 092603S1

Prepared: 09/26/03

%Solids: 69.0

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .72	U	.065	.72	1	09/29/03
PCB-1221	< .72	U	.23	.72	1	09/29/03
PCB-1232	< .72	U	.15	.72	1	09/29/03
PCB-1242	< .72	U	.093	.72	1	09/29/03
PCB-1248	< .72	U	.037	.72	1	09/29/03
PCB-1254	< .72	U	.075	.72	1	09/29/03
PCB-1260	< .72	U	.090	.72	1	09/29/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	98.		30-150	
Decachlorobiphenyl (surrogate)	75.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 

Date: October 16, 2003

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:

Job No.: 3435.124.62301
Certification NY No.: 10155

Package#: 6416
Sample: B1002
Samp. Description: TB-11-F1

Collected: 09/25/03
Received: 09/25/03 16:38
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
* Total Solids	63.8		%	2540-G		1.0	09/26/03	092603S9	1	

Notes:

Package#: 6416
Sample: B1003
Samp. Description: TB-11-N1

Collected: 09/25/03
Received: 09/25/03 16:38
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
* Total Solids	79.2		%	2540-G		1.0	09/26/03	092603S9	1	

Notes:

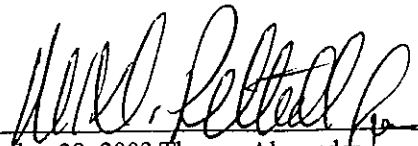
Package#: 6416
Sample: B1004
Samp. Description: TB-11-E1

Collected: 09/25/03
Received: 09/25/03 16:38
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
* Total Solids	73.6		%	2540-G		1.0	09/26/03	092603S9	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank
U - Undetected at the reported level.
J - Reported value is estimated. D- Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: September 29, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:

Job No.: 3435.124.62301
Certification NY No.: 10155

Package#: 6416
Sample: B1005
Samp. Description: TB-11-S1

Collected: 09/25/03
Received: 09/25/03 16:38
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	68.7		%	2540-G		1.0	09/26/03	092603S9	1	

Notes:

Package#: 6416
Sample: B1006
Samp. Description: TB-11-W1

Collected: 09/25/03
Received: 09/25/03 16:38
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	81.9		%	2540-G		1.0	09/26/03	092603S9	1	

Notes:

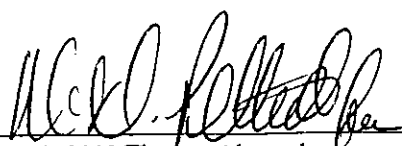
Package#: 6416
Sample: B1007
Samp. Description: TB-11-FD

Collected: 09/25/03
Received: 09/25/03 16:38
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	81.2		%	2540-G		1.0	09/26/03	092603S9	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank
U - Undetected at the reported level.
J - Reported value is estimated. D- Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: September 29, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1210
 Sample Description: 4+40-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 77.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

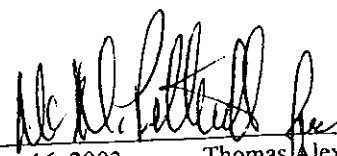
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.5	U	.58	6.5	10	10/01/03	
PCB-1221	< 6.5	U	2.1	6.5	10	10/01/03	
PCB-1232	< 6.5	U	1.4	6.5	10	10/01/03	
PCB-1242	< 6.5	U	.83	6.5	10	10/01/03	
PCB-1248	14.		.33	6.5	10	10/01/03	6
PCB-1254	< 6.5	U	.67	6.5	10	10/01/03	
PCB-1260	< 6.5	U	.81	6.5	10	10/01/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	91.		30-150	38
Decachlorobiphenyl (surrogate)	65.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1210
 Sample Description: 4+40-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 77.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-1701, 30m x .53mm ID

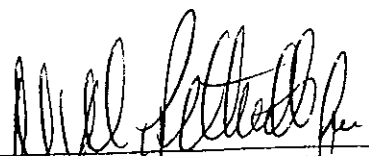
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.5	U	.58	6.5	10	10/02/03	
PCB-1221	< 6.5	U	2.1	6.5	10	10/02/03	
PCB-1232	< 6.5	U	1.4	6.5	10	10/02/03	
PCB-1242	< 6.5	U	.83	6.5	10	10/02/03	
PCB-1248	16.		.33	6.5	10	10/02/03	6
PCB-1254	< 6.5	U	.67	6.5	10	10/02/03	
PCB-1260	< 6.5	U	.81	6.5	10	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	71.		30 - 150	38
Decachlorobiphenyl (surrogate)	75.		30 - 150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B1211
 Sample Description: 4+90-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 71.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

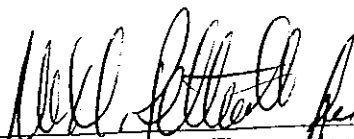
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 140.	U	13.	140	200	10/01/03	
PCB-1221	< 140.	U	45.	140	200	10/01/03	
PCB-1232	< 140.	U	29.	140	200	10/01/03	
PCB-1242	< 140.	U	18.	140	200	10/01/03	
PCB-1248	200.		7.2	140	200	10/01/03	6
PCB-1254	< 140.	U	15.	140	200	10/01/03	
PCB-1260	< 140.	U	18.	140	200	10/01/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1211
 Sample Description: 4+90-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 71.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-1701, 30m x .53mm ID

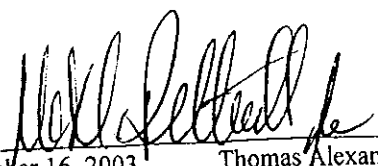
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 140.	U	13.	140	200	10/02/03	
PCB-1221	< 140.	U	45.	140	200	10/02/03	
PCB-1232	< 140.	U	29.	140	200	10/02/03	
PCB-1242	< 140.	U	18.	140	200	10/02/03	
PCB-1248	200.		7.2	140	200	10/02/03	6
PCB-1254	< 140.	U	15.	140	200	10/02/03	
PCB-1260	< 140.	U	18.	140	200	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	0	#	30-150	38
Decachlorobiphenyl (surrogate)	0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1212
 Sample Description: 5+40-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 71.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 70.	U	6.3	70	100	10/01/03	
PCB-1221	< 70.	U	22.	70	100	10/01/03	
PCB-1232	< 70.	U	15.	70	100	10/01/03	
PCB-1242	< 70.	U	9.0	70	100	10/01/03	
PCB-1248	96.		3.6	70	100	10/01/03	6
PCB-1254	< 70.	U	7.3	70	100	10/01/03	
PCB-1260	< 70.	U	8.8	70	100	10/01/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1212
 Sample Description: 5+40-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 71.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-1701, 30m x .53mm ID

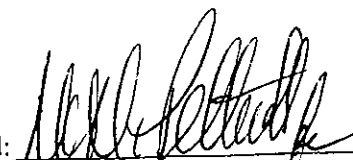
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 70.	U	6.3	70	100	10/02/03	
PCB-1221	< 70.	U	22.	70	100	10/02/03	
PCB-1232	< 70.	U	15.	70	100	10/02/03	
PCB-1242	< 70.	U	9.0	70	100	10/02/03	
PCB-1248	89.		3.6	70	100	10/02/03	6
PCB-1254	< 70.	U	7.3	70	100	10/02/03	
PCB-1260	< 70.	U	8.8	70	100	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	0	#	30-150	38
Decachlorobiphenyl (surrogate)	0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1213
 Sample Description: 5+90-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 89.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

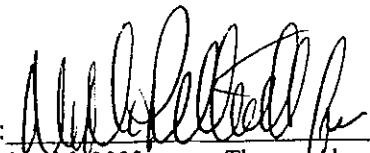
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 110.	U	10.	110	200	10/01/03	
PCB-1221	< 110.	U	36.	110	200	10/01/03	
PCB-1232	< 110.	U	23.	110	200	10/01/03	
PCB-1242	< 110.	U	14.	110	200	10/01/03	
PCB-1248	830.		5.7	110	200	10/01/03	6
PCB-1254	< 110.	U	12.	110	200	10/01/03	
PCB-1260	< 110.	U	14.	110	200	10/01/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6451

Sample: B 1213

Sample Description: 5+90-F

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 09/30/03

Matrix: Solid

Received: 09/30/03

QC Batch: 100103S1

Prepared: 10/01/03

%Solids: 89.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 110.	U	10.	110	200	10/02/03	
PCB-1221	< 110.	U	36.	110	200	10/02/03	
PCB-1232	< 110.	U	23.	110	200	10/02/03	
PCB-1242	< 110.	U	14.	110	200	10/02/03	
PCB-1248	910.		5.7	110	200	10/02/03	6
PCB-1254	< 110.	U	12.	110	200	10/02/03	
PCB-1260	< 110.	U	14.	110	200	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	0	#	30-150	38
Decachlorobiphenyl (surrogate)	0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

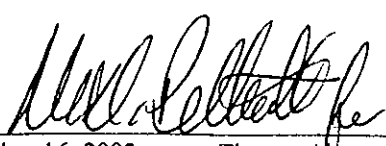
B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: October 16, 2003

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6451

Sample: B 1214

Sample Description: 4+40-N

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435 . 124.62301

Certification NY No.: 10155

Collected: 09/30/03

Matrix: Solid

Received: 09/30/03

QC Batch: 100103S1

Prepared: 10/01/03

%Solids: 91.0

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .54	U	.049	.54	1	10/01/03	
PCB-1221	< .54	U	.17	.54	1	10/01/03	
PCB-1232	< .54	U	.11	.54	1	10/01/03	
PCB-1242	< .54	U	.069	.54	1	10/01/03	
PCB-1248	.13	J	.028	.54	1	10/01/03	6
PCB-1254	< .54	U	.056	.54	1	10/01/03	
PCB-1260	< .54	U	.068	.54	1	10/01/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	96.		30-150	
Decachlorobiphenyl (surrogate)	71.		30-150	

Notes:

6: Altered aroclor.

6: Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized:

Date: October 16, 2003

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6451
Sample: B 1214
Sample Description: 4+40-N
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
Received: 09/30/03 QC Batch: 100103S1
Prepared: 10/01/03 %Solids: 91.0
Sample Size: 30 g
Primary: N

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .54	U	.049	.54	1	10/02/03	
PCB-1221	< .54	U	.17	.54	1	10/02/03	
PCB-1232	< .54	U	.11	.54	1	10/02/03	
PCB-1242	< .54	U	.069	.54	1	10/02/03	
PCB-1248	.11	J	.028	.54	1	10/02/03	6
PCB-1254	< .54	U	.056	.54	1	10/02/03	
PCB-1260	< .54	U	.068	.54	1	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	120.		30-150	
Decachlorobiphenyl (surrogate)	84.		30-150	

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1215
 Sample Description: 4+90-N
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 90.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/02/03	
PCB-1221	< 11.	U	3.5	11	20	10/02/03	
PCB-1232	< 11.	U	2.3	11	20	10/02/03	
PCB-1242	< 11.	U	1.4	11	20	10/02/03	
PCB-1248	40.	P	.57	11	20	10/02/03	
PCB-1254	< 11.	U	1.2	11	20	10/02/03	
PCB-1260	< 11.	U	1.4	11	20	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.		30-150	38
Decachlorobiphenyl (surrogate)	54.		30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6451

Sample: B1215

Sample Description: 4+90-N

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435 . 124.62301

Certification NY No.: 10155

Collected: 09/30/03

Matrix: Solid

Received: 09/30/03

QC Batch: 100103S1

Prepared: 10/01/03

%Solids: 90.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/03/03	
PCB-1221	< 11.	U	3.5	11	20	10/03/03	
PCB-1232	< 11.	U	2.3	11	20	10/03/03	
PCB-1242	< 11.	U	1.4	11	20	10/03/03	
PCB-1248	52.	P	.57	11	20	10/03/03	
PCB-1254	< 11.	U	1.2	11	20	10/03/03	
PCB-1260	< 11.	U	1.4	11	20	10/03/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	91.		30-150	38
Decachlorobiphenyl (surrogate)	77.		30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: October 16, 2003

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6451
 Sample: B 1216
 Sample Description: 5+40-N
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 90.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

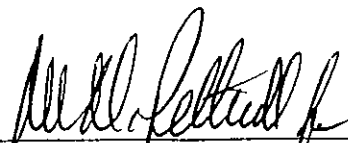
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/02/03	
PCB-1221	< 11.	U	3.5	11	20	10/02/03	
PCB-1232	< 11.	U	2.3	11	20	10/02/03	
PCB-1242	< 11.	U	1.4	11	20	10/02/03	
PCB-1248	23.	P	.57	11	20	10/02/03	
PCB-1254	< 11.	U	1.2	11	20	10/02/03	
PCB-1260	< 11.	U	1.4	11	20	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	123.		30-150	38
Decachlorobiphenyl (surrogate)	55.		30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6451
Sample: B 1216
Sample Description: 5+40-N
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
Received: 09/30/03 QC Batch: 100103S1
Prepared: 10/01/03 %Solids: 90.0
Sample Size: 30 g
Primary: N

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< 11.	U	1.0	11	20	10/03/03
PCB-1221	< 11.	U	3.5	11	20	10/03/03
PCB-1232	< 11.	U	2.3	11	20	10/03/03
PCB-1242	< 11.	U	1.4	11	20	10/03/03
PCB-1248	29.	P	.57	11	20	10/03/03
PCB-1254	< 11.	U	1.2	11	20	10/03/03
PCB-1260	< 11.	U	1.4	11	20	10/03/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		30-150	38
Decachlorobiphenyl (surrogate)	81.		30-150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6451

Sample: B 1217

Sample Description: 5+90-N

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435 . 124.62301

Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
 Received: 09/30/03 QC Batch: 100103S1
 Prepared: 10/01/03 %Solids: 93.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	.97	11	20	10/02/03	
PCB-1221	< 11.	U	3.4	11	20	10/02/03	
PCB-1232	< 11.	U	2.2	11	20	10/02/03	
PCB-1242	< 11.	U	1.4	11	20	10/02/03	
PCB-1248	23.	P	.55	11	20	10/02/03	6
PCB-1254	< 11.	U	1.1	11	20	10/02/03	
PCB-1260	< 11.	U	1.3	11	20	10/02/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	110.		30-150	38
Decachlorobiphenyl (surrogate)	53.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6451
Sample: B 1217
Sample Description: 5+90-N
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 09/30/03 Matrix: Solid
Received: 09/30/03 QC Batch: 100103S1
Prepared: 10/01/03 %Solids: 93.0
Sample Size: 30 g
Primary: N

Column Name: DB-1701, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	.97	11	20	10/03/03	
PCB-1221	< 11.	U	3.4	11	20	10/03/03	
PCB-1232	< 11.	U	2.2	11	20	10/03/03	
PCB-1242	< 11.	U	1.4	11	20	10/03/03	
PCB-1248	31.	P	.55	11	20	10/03/03	6
PCB-1254	< 11.	U	1.1	11	20	10/03/03	
PCB-1260	< 11.	U	1.3	11	20	10/03/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.		30-150	38
Decachlorobiphenyl (surrogate)	79.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6527

Sample: B 1646

Sample Description: 5+85 N-A

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
Received: 10/09/03 QC Batch: 101003S1
Prepared: 10/10/03 %Solids: 62.0
Sample Size: 30 g
Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 40.	U	3.6	40	50	10/16/03	
PCB-1221	< 40.	U	13.	40	50	10/16/03	
PCB-1232	< 40.	U	8.4	40	50	10/16/03	
PCB-1242	< 40.	U	5.2	40	50	10/16/03	
PCB-1248	210.		2.1	40	50	10/16/03	
PCB-1254	< 40.	U	4.2	40	50	10/16/03	
PCB-1260	< 40.	U	5.0	40	50	10/16/03	


Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	82.		30-150	38
Decachlorobiphenyl (surrogate)	88.		30-150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 23, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1646
 Sample Description: S+85 N-A
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 62.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 40.	U	3.6	40	50	10/14/03	
PCB-1221	< 40.	U	13.	40	50	10/14/03	
PCB-1232	< 40.	U	8.4	40	50	10/14/03	
PCB-1242	< 40.	U	5.2	40	50	10/14/03	
PCB-1248	240.		2.1	40	50	10/14/03	
PCB-1254	< 40.	U	4.2	40	50	10/14/03	
PCB-1260	< 40.	U	5.0	40	50	10/14/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	97.		30-150	38
Decachlorobiphenyl (surrogate)	108.		30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B 1647

Collected: 10/09/03

Matrix: Solid

Sample Description: 5+85 N-B

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 85.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.9	U	.53	5.9	10	10/11/03	
PCB-1221	< 5.9	U	1.9	5.9	10	10/11/03	
PCB-1232	< 5.9	U	1.2	5.9	10	10/11/03	
PCB-1242	< 5.9	U	.75	5.9	10	10/11/03	
PCB-1248	14.		.30	5.9	10	10/11/03	6
PCB-1254	< 5.9	U	.61	5.9	10	10/11/03	
PCB-1260	< 5.9	U	.73	5.9	10	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	106.		30 - 150	38
Decachlorobiphenyl (surrogate)	99.		30 - 150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted


B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 23, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6527

Sample: B 1647

Sample Description: 5+85 N-B

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/09/03

Matrix: Solid

Received: 10/09/03

QC Batch: 101003S1

Prepared: 10/10/03

%Solids: 85.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2.9	U	.26	2.9	5	10/13/03	
PCB-1221	< 2.9	U	.93	2.9	5	10/13/03	
PCB-1232	< 2.9	U	.61	2.9	5	10/13/03	
PCB-1242	< 2.9	U	.38	2.9	5	10/13/03	
PCB-1248	8.0	P	.15	2.9	5	10/13/03	6
PCB-1254	< 2.9	U	.31	2.9	5	10/13/03	
PCB-1260	< 2.9	U	.37	2.9	5	10/13/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	109.		30-150	38
Decachlorobiphenyl (surrogate)	93.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6527
Sample: B1648
Sample Description: 5+85 N-C
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
Received: 10/09/03 QC Batch: 101003S1
Prepared: 10/10/03 %Solids: 37.0
Sample Size: 30 g
Primary: Y

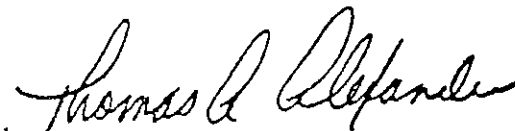
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1400.	U	120.	1400	1000	10/11/03	
PCB-1221	< 1400.	U	430.	1400	1000	10/11/03	
PCB-1232	< 1400.	U	280.	1400	1000	10/11/03	
PCB-1242	5400.		170.	1400	1000	10/11/03	6
PCB-1248	< 1400.	U	69.	1400	1000	10/11/03	
PCB-1254	< 1400.	U	140.	1400	1000	10/11/03	
PCB-1260	< 1400.	U	170.	1400	1000	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	0		30-150	38
Decachlorobiphenyl (surrogate)	0		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
Date: October 23, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B1648

Collected: 10/09/03

Matrix: Solid

Sample Description: 5+85 N-C

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 37.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID


Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1400.	U	120.	1400	1000	10/13/03	
PCB-1221	< 1400.	U	430.	1400	1000	10/13/03	
PCB-1232	< 1400.	U	280.	1400	1000	10/13/03	
PCB-1242	4400.		170.	1400	1000	10/13/03	6
PCB-1248	< 1400.	U	69.	1400	1000	10/13/03	
PCB-1254	< 1400.	U	140.	1400	1000	10/13/03	
PCB-1260	< 1400.	U	170.	1400	1000	10/13/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1649
 Sample Description: 5+85 F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 52.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 9.6	U	.87	9.6	10	10/11/03	
PCB-1221	< 9.6	U	3.0	9.6	10	10/11/03	
PCB-1232	< 9.6	U	2.0	9.6	10	10/11/03	
PCB-1242	13.		1.2	9.6	10	10/11/03	6
PCB-1248	< 9.6	U	.49	9.6	10	10/11/03	
PCB-1254	< 9.6	U	1.0	9.6	10	10/11/03	
PCB-1260	< 9.6	U	1.2	9.6	10	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	108.		30 - 150	38
Decachlorobiphenyl (surrogate)	97.		30 - 150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B1649

Collected: 10/09/03

Matrix: Solid

Sample Description: 5+85 F

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 52.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

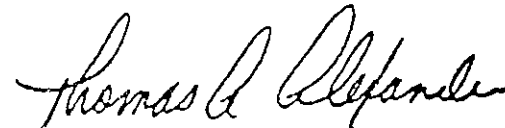
Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 4.8	U	.43	4.8	5	10/14/03	
PCB-1221	< 4.8	U	1.5	4.8	5	10/14/03	
PCB-1232	< 4.8	U	1.0	4.8	5	10/14/03	
PCB-1242	13.		.61	4.8	5	10/14/03	6
PCB-1248	< 4.8	U	.25	4.8	5	10/14/03	
PCB-1254	< 4.8	U	.50	4.8	5	10/14/03	
PCB-1260	< 4.8	U	.60	4.8	5	10/14/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	116.		30-150	38
Decachlorobiphenyl (surrogate)	90.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____

Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1650
 Sample Description: 5+40 N-B
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 84.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

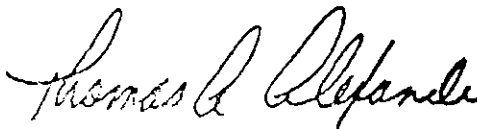
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 3.0	U	.27	3	5	10/11/03	
PCB-1221	< 3.0	U	.94	3	5	10/11/03	
PCB-1232	< 3.0	U	.62	3	5	10/11/03	
PCB-1242	< 3.0	U	.38	3	5	10/11/03	
PCB-1248	7.3		.15	3	5	10/11/03	
PCB-1254	< 3.0	U	.31	3	5	10/11/03	
PCB-1260	< 3.0	U	.37	3	5	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	125.		30 - 150	38
Decachlorobiphenyl (surrogate)	114.		30 - 150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6527

Sample: B 1650

Sample Description: 5+40 N-B

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/09/03

Matrix: Solid

Received: 10/09/03

QC Batch: 101003S1

Prepared: 10/10/03

%Solids: 84.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 3.0	U	.27	3	5	10/11/03	
PCB-1221	< 3.0	U	.94	3	5	10/11/03	
PCB-1232	< 3.0	U	.62	3	5	10/11/03	
PCB-1242	< 3.0	U	.38	3	5	10/11/03	
PCB-1248	6.1		.15	3	5	10/11/03	
PCB-1254	< 3.0	U	.31	3	5	10/11/03	
PCB-1260	< 3.0	U	.37	3	5	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	116.		30 - 150	38
Decachlorobiphenyl (surrogate)	97.		30 - 150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.



Authorized: _____
Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B1651
 Sample Description: 5+40 N-C
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 38.0
 Sample Size: 30 g
 Primary: Y

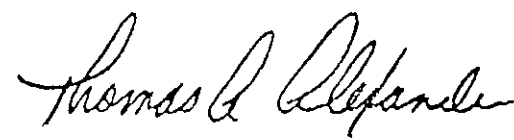
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 660.	U	59.	660	500	10/11/03	
PCB-1221	< 660.	U	210.	660	500	10/11/03	
PCB-1232	< 660.	U	140.	660	500	10/11/03	
PCB-1242	< 660.	U	84.	660	500	10/11/03	
PCB-1248	5600.		34.	660	500	10/11/03	6
PCB-1254	< 660.	U	68.	660	500	10/11/03	
PCB-1260	< 660.	U	82.	660	500	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30 - 150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30 - 150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B1651
 Sample Description: 5+40 N-C
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 38.0
 Sample Size: 30 g
 Primary: N

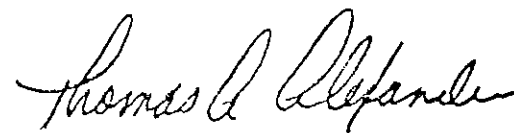
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 660.	U	59.	660	500	10/11/03	
PCB-1221	< 660.	U	210.	660	500	10/11/03	
PCB-1232	< 660.	U	140.	660	500	10/11/03	
PCB-1242	< 660.	U	84.	660	500	10/11/03	
PCB-1248	3000.	P	34.	660	500	10/11/03	6
PCB-1254	< 660.	U	68.	660	500	10/11/03	
PCB-1260	< 660.	U	82.	660	500	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B1652
 Sample Description: 5+40 F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 39.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.4	U	.58	6.4	5	10/11/03	
PCB-1221	< 6.4	U	2.0	6.4	5	10/11/03	
PCB-1232	< 6.4	U	1.3	6.4	5	10/11/03	
PCB-1242	< 6.4	U	.82	6.4	5	10/11/03	
PCB-1248	44.		.33	6.4	5	10/11/03	6
PCB-1254	< 6.4	U	.67	6.4	5	10/11/03	
PCB-1260	< 6.4	U	.80	6.4	5	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	108.		30-150	38
Decachlorobiphenyl (surrogate)	97.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B1652

Collected: 10/09/03

Matrix: Solid

Sample Description: 5+40 F

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 39.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Primary: N

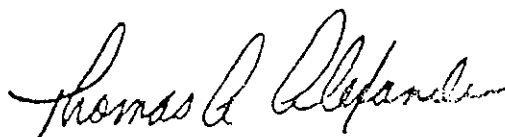
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.4	U	.58	6.4	5	10/11/03	
PCB-1221	< 6.4	U	2.0	6.4	5	10/11/03	
PCB-1232	< 6.4	U	1.3	6.4	5	10/11/03	
PCB-1242	< 6.4	U	.82	6.4	5	10/11/03	
PCB-1248	27.	P	.33	6.4	5	10/11/03	6
PCB-1254	< 6.4	U	.67	6.4	5	10/11/03	
PCB-1260	< 6.4	U	.80	6.4	5	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.		30 - 150	38
Decachlorobiphenyl (surrogate)	85.		30 - 150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B 1654

Collected: 10/09/03

Matrix: Solid

Sample Description: 4+85 F

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 55.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 9.1	U	.82	9.1	10	10/11/03	
PCB-1221	< 9.1	U	2.9	9.1	10	10/11/03	
PCB-1232	< 9.1	U	1.9	9.1	10	10/11/03	
PCB-1242	< 9.1	U	1.2	9.1	10	10/11/03	
PCB-1248	18.		.46	9.1	10	10/11/03	
PCB-1254	< 9.1	U	.94	9.1	10	10/11/03	
PCB-1260	< 9.1	U	1.1	9.1	10	10/11/03	

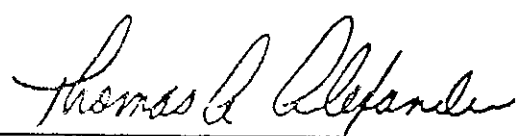
Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	96.		30 - 150	38
Decachlorobiphenyl (surrogate)	83.		30 - 150	38

Notes:

38: Surrogate was diluted

38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B1654
 Sample Description: 4+85 F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 55.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 9.1	U	.82	9.1	10	10/11/03	
PCB-1221	< 9.1	U	2.9	9.1	10	10/11/03	
PCB-1232	< 9.1	U	1.9	9.1	10	10/11/03	
PCB-1242	< 9.1	U	1.2	9.1	10	10/11/03	
PCB-1248	16.		.46	9.1	10	10/11/03	
PCB-1254	< 9.1	U	.94	9.1	10	10/11/03	
PCB-1260	< 9.1	U	1.1	9.1	10	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.		30-150	38
Decachlorobiphenyl (surrogate)	76.		30-150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B1655

Collected: 10/09/03

Matrix: Solid

Sample Description: 4+85 N-B

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 59.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .85	U	.076	.85	1	10/11/03	
PCB-1221	< .85	U	.27	.85	1	10/11/03	
PCB-1232	< .85	U	.18	.85	1	10/11/03	
PCB-1242	< .85	U	.11	.85	1	10/11/03	
PCB-1248	.70	J	.043	.85	1	10/11/03	
PCB-1254	< .85	U	.088	.85	1	10/11/03	
PCB-1260	< .85	U	.11	.85	1	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	106.		30 - 150	
Decachlorobiphenyl (surrogate)	90.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

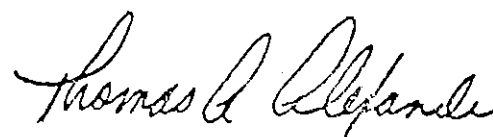
- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD > 40% between primary and confirmation.

Authorized:



Date: October 23, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1655
 Sample Description: 4+85 N-B
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

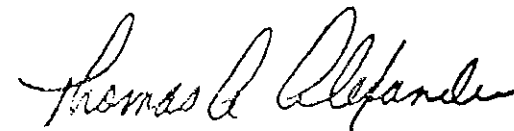
Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 59.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .85	U	.076	.85	1	10/11/03	
PCB-1221	< .85	U	.27	.85	1	10/11/03	
PCB-1232	< .85	U	.18	.85	1	10/11/03	
PCB-1242	< .85	U	.11	.85	1	10/11/03	
PCB-1248	.51	J	.043	.85	1	10/11/03	P
PCB-1254	< .85	U	.088	.85	1	10/11/03	
PCB-1260	< .85	U	.11	.85	1	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	84.		30 - 150	
Decachlorobiphenyl (surrogate)	72.		30 - 150	

Notes:



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1656
 Sample Description: 4+85 N-C
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 41.0
 Sample Size: 30 g
 Primary: Y

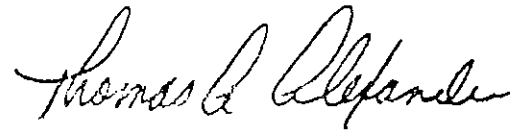
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2400.	U	220.	2400	2000	10/15/03	
PCB-1221	< 2400.	U	770.	2400	2000	10/15/03	
PCB-1232	< 2400.	U	510.	2400	2000	10/15/03	
PCB-1242	< 2400.	U	310.	2400	2000	10/15/03	
PCB-1248	18000.		120.	2400	2000	10/15/03	
PCB-1254	< 2400.	U	250.	2400	2000	10/15/03	
PCB-1260	< 2400.	U	300.	2400	2000	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

38: Surrogate was diluted
 38: Surrogate was diluted



B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B1656
 Sample Description: 4+85 N-C
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 41.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

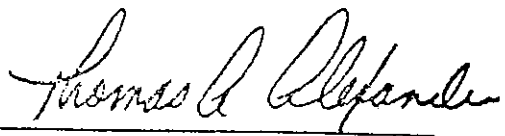
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2400.	U	220.	2400	2000	10/13/03	
PCB-1221	< 2400.	U	770.	2400	2000	10/13/03	
PCB-1232	< 2400.	U	510.	2400	2000	10/13/03	
PCB-1242	< 2400.	U	310.	2400	2000	10/13/03	
PCB-1248	12000.	P	120.	2400	2000	10/13/03	
PCB-1254	< 2400.	U	250.	2400	2000	10/13/03	
PCB-1260	< 2400.	U	300.	2400	2000	10/13/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30 - 150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30 - 150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1657
 Sample Description: 4+40 N-B
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 74.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

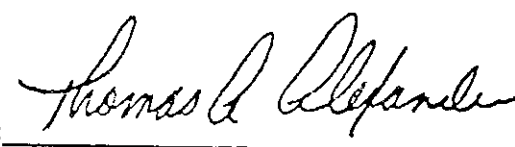
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.8	U	.61	6.8	10	10/11/03	
PCB-1221	< 6.8	U	2.1	6.8	10	10/11/03	
PCB-1232	< 6.8	U	1.4	6.8	10	10/11/03	
PCB-1242	< 6.8	U	.86	6.8	10	10/11/03	
PCB-1248	48.		.34	6.8	10	10/11/03	
PCB-1254	< 6.8	U	.70	6.8	10	10/11/03	
PCB-1260	< 6.8	U	.84	6.8	10	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.		30 - 150	38
Decachlorobiphenyl (surrogate)	102.		30 - 150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B 1657
 Sample Description: 4+40 N-B
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 74.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

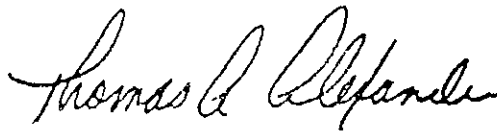
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 6.8	U	.61	6.8	10	10/11/03	
PCB-1221	< 6.8	U	2.1	6.8	10	10/11/03	
PCB-1232	< 6.8	U	1.4	6.8	10	10/11/03	
PCB-1242	< 6.8	U	.86	6.8	10	10/11/03	
PCB-1248	31.	P	.34	6.8	10	10/11/03	
PCB-1254	< 6.8	U	.70	6.8	10	10/11/03	
PCB-1260	< 6.8	U	.84	6.8	10	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	108.		30 - 150	38
Decachlorobiphenyl (surrogate)	92.		30 - 150	38

Notes:

- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B1658

Collected: 10/09/03

Matrix: Solid

Sample Description: 4+40 N-C

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 44.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

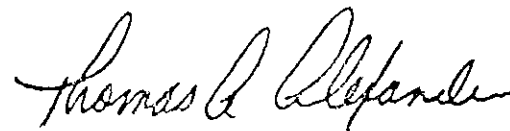
Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1100.	U	100.	1100	1000	10/11/03	
PCB-1221	< 1100.	U	350.	1100	1000	10/11/03	
PCB-1232	< 1100.	U	230.	1100	1000	10/11/03	
PCB-1242	< 1100.	U	140.	1100	1000	10/11/03	
PCB-1248	6700.		57.	1100	1000	10/11/03	6
PCB-1254	< 1100.	U	120.	1100	1000	10/11/03	
PCB-1260	< 1100.	U	140.	1100	1000	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	0		30-150	38
Decachlorobiphenyl (surrogate)	0		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6527
 Sample: B1658
 Sample Description: 4+40 N-C
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/09/03 Matrix: Solid
 Received: 10/09/03 QC Batch: 101003S1
 Prepared: 10/10/03 %Solids: 44.0
 Sample Size: 30 g
 Primary: N

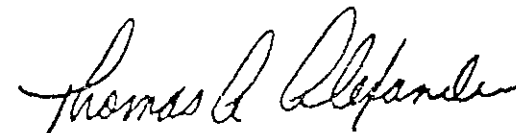
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1100.	U	100.	1100	1000	10/11/03	
PCB-1221	< 1100.	U	350.	1100	1000	10/11/03	
PCB-1232	< 1100.	U	230.	1100	1000	10/11/03	
PCB-1242	< 1100.	U	140.	1100	1000	10/11/03	
PCB-1248	3800.	P	57.	1100	1000	10/11/03	6
PCB-1254	< 1100.	U	120.	1100	1000	10/11/03	
PCB-1260	< 1100.	U	140.	1100	1000	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	<0.0	#	30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435, 124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B1659

Collected: 10/09/03

Matrix: Solid

Sample Description: 4+40 F

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 61.0

Units: mg/Kg Dry weight

Sample Size: 30 g

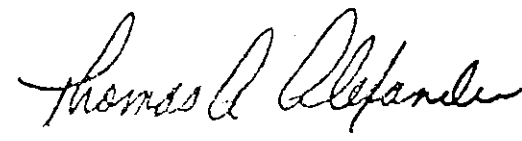
Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .82	U	.074	.82	1	10/11/03	
PCB-1221	< .82	U	.26	.82	1	10/11/03	
PCB-1232	< .82	U	.17	.82	1	10/11/03	
PCB-1242	< .82	U	.10	.82	1	10/11/03	
PCB-1248	1.0		.042	.82	1	10/11/03	
PCB-1254	< .82	U	.085	.82	1	10/11/03	
PCB-1260	< .82	U	.10	.82	1	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	120.		30-150	
Decachlorobiphenyl (surrogate)	84.		30-150	

Notes:



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435 . 124. 62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Sample: B 1659

Collected: 10/09/03

Matrix: Solid

Sample Description: 4+40 F

Received: 10/09/03

QC Batch: 101003S1

Instrument: HP5890-90

Prepared: 10/10/03

%Solids: 61.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Primary: N

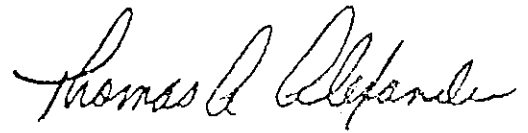
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .82	U	.074	.82	1	10/11/03	
PCB-1221	< .82	U	.26	.82	1	10/11/03	
PCB-1232	< .82	U	.17	.82	1	10/11/03	
PCB-1242	< .82	U	.10	.82	1	10/11/03	
PCB-1248	.92		.042	.82	1	10/11/03	
PCB-1254	< .82	U	.085	.82	1	10/11/03	
PCB-1260	< .82	U	.10	.82	1	10/11/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		30 - 150	
Decachlorobiphenyl (surrogate)	70.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized:



Date: October 23, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6527

Sample: B1646

Samp. Description: 5+85 N-A

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/09/03

Received: 10/09/03 16:35

Matrix: Solid

Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	61.5		%	2540-G		1.0	10/10/03	101003S9		1

Notes:

Package#: 6527

Sample: B1647

Samp. Description: 5+85 N-B

Collected: 10/09/03

Received: 10/09/03 16:35

Matrix: Solid

Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	84.7		%	2540-G		1.0	10/10/03	101003S9		1

Notes:

Package#: 6527

Sample: B1648

Samp. Description: 5+85 N-C

Collected: 10/09/03

Received: 10/09/03 16:35

Matrix: Solid

Number of Analytes: 1

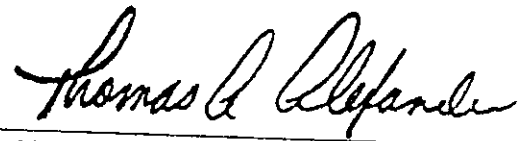
Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	37.4		%	2540-G		1.0	10/10/03	101003S9		1

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized:

Date: October 21, 2003 Thomas Alexander



Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:

Job No.: 3435.124.62301
Certification NY No.: 10155

Package#: 6527
Sample: B1649
Samp. Description: 5+85 F

Collected: 10/09/03
Received: 10/09/03 16:35
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	52.3		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

Package#: 6527
Sample: B1650
Samp. Description: 5+40 N-B

Collected: 10/09/03
Received: 10/09/03 16:35
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	84.0		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

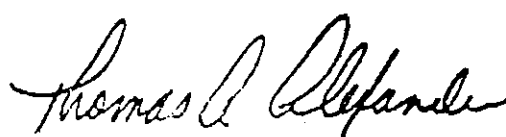
Package#: 6527
Sample: B1651
Samp. Description: 5+40 N-C

Collected: 10/09/03
Received: 10/09/03 16:35
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	37.5		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: October 21, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:

Job No.: 3435.124.62301
Certification NY No.: 10155

Package#: 6527
Sample: B1652
Samp. Description: 5+40 F

Collected: 10/09/03
Received: 10/09/03 16:35
Matrix: Solid
Number of Analytes: 1

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>MDL</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
% Total Solids	39.2		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

Package#: 6527
Sample: B1653
Samp. Description: COB-1

Collected: 10/09/03
Received: 10/09/03 16:35
Matrix: Solid
Number of Analytes: 1

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>MDL</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
% Total Solids	81.6		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

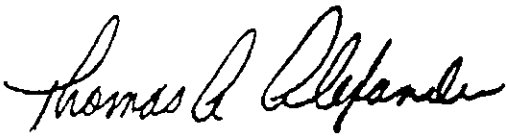
Package#: 6527
Sample: B1654
Samp. Description: 4+85 F

Collected: 10/09/03
Received: 10/09/03 16:35
Matrix: Solid
Number of Analytes: 1

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>MDL</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
% Total Solids	55.4		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank
U - Undetected at the reported level.
J - Reported value is estimated. D- Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: October 21, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6527

Collected: 10/09/03

Sample: B1655

Received: 10/09/03 16:35

Samp. Description: 4+85 N-B

Matrix: Solid

Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	58.6		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

Package#: 6527

Collected: 10/09/03

Sample: B1656

Received: 10/09/03 16:35

Samp. Description: 4+85 N-C

Matrix: Solid

Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	41.0		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

Package#: 6527

Collected: 10/09/03

Sample: B1657

Received: 10/09/03 16:35

Samp. Description: 4+40 N-B

Matrix: Solid

Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	74.0		%	2540-G		1.0	10/10/03	101003S9	1	

Notes:

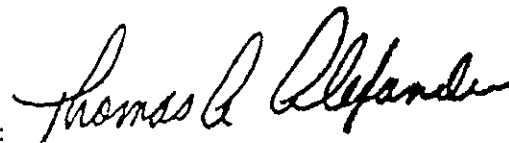
B - Analyte detected above the PQL in the associated Prep Blank

U - Undetected at the reported level.

J - Reported value is estimated. D- Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Authorized:



Date: October 21, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6546
 Sample: B 1814
 Sample Description: NIMO 1+74
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/13/03 Matrix: Solid
 Received: 10/13/03 QC Batch: 101403S1
 Prepared: 10/14/03 %Solids: 74.0
 Sample Size: 30 g
 Primary: Y

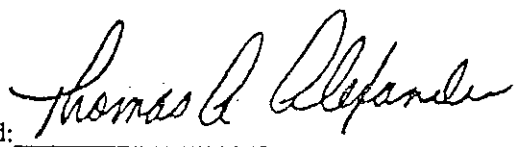
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .68	U	.061	.68	1	10/15/03	
PCB-1221	< .68	U	.21	.68	1	10/15/03	
PCB-1232	< .68	U	.14	.68	1	10/15/03	
PCB-1242	< .68	U	.086	.68	1	10/15/03	
PCB-1248	.11	J	.034	.68	1	10/15/03	
PCB-1254	< .68	U	.070	.68	1	10/15/03	
PCB-1260	< .68	U	.084	.68	1	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	130.		30-150	
Decachlorobiphenyl (surrogate)	93.		30-150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 30, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6546
 Sample: B 1814
 Sample Description: NIMO 1+74
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

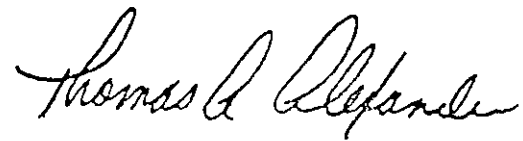
Collected: 10/13/03 Matrix: Solid
 Received: 10/13/03 QC Batch: 101403S1
 Prepared: 10/14/03 %Solids: 74.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .68	U	.061	.68	1	10/14/03
PCB-1221	< .68	U	.21	.68	1	10/14/03
PCB-1232	< .68	U	.14	.68	1	10/14/03
PCB-1242	< .68	U	.086	.68	1	10/14/03
PCB-1248	.10	J	.034	.68	1	10/14/03
PCB-1254	< .68	U	.070	.68	1	10/14/03
PCB-1260	< .68	U	.084	.68	1	10/14/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	102.		30 - 150	
Decachlorobiphenyl (surrogate)	92.		30 - 150	

Notes:



Authorized: _____
 Date: October 30, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6546
 Sample: B1815
 Sample Description: NIMO 2+88
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: DB-608, 30m x .53mm ID

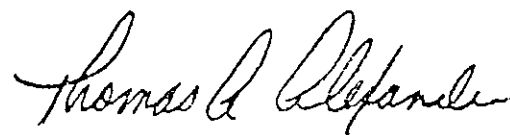
Collected: 10/13/03 Matrix: Solid
 Received: 10/13/03 QC Batch: 101403S1
 Prepared: 10/14/03 %Solids: 75.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .67	U	.060	.67	1	10/14/03	
PCB-1221	< .67	U	.21	.67	1	10/14/03	
PCB-1232	< .67	U	.14	.67	1	10/14/03	
PCB-1242	< .67	U	.085	.67	1	10/14/03	
PCB-1248	.093	J	.034	.67	1	10/14/03	
PCB-1254	< .67	U	.069	.67	1	10/14/03	
PCB-1260	< .67	U	.083	.67	1	10/14/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.		30-150	
Decachlorobiphenyl (surrogate)	97.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: October 28, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6546

Sample: B1815

Collected: 10/13/03

Matrix: Solid

Sample Description: NIMO 2+88

Received: 10/13/03

QC Batch: 101403S1

Instrument: HP5890-90

Prepared: 10/14/03

%Solids: 75.0

Units: mg/Kg Dry weight

Sample Size: 30 g

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

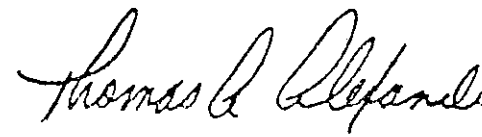
Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .67	U	.060	.67	1	10/15/03	
PCB-1221	< .67	U	.21	.67	1	10/15/03	
PCB-1232	< .67	U	.14	.67	1	10/15/03	
PCB-1242	< .67	U	.085	.67	1	10/15/03	
PCB-1248	.096	J	.034	.67	1	10/15/03	
PCB-1254	< .67	U	.069	.67	1	10/15/03	
PCB-1260	< .67	U	.083	.67	1	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	131.		30-150	
Decachlorobiphenyl (surrogate)	101.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.



Authorized: _____
 Date: October 28, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6546
 Sample: B 1816
 Sample Description: NIMO 4+85
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/13/03 Matrix: Solid
 Received: 10/13/03 QC Batch: 101403S1
 Prepared: 10/14/03 %Solids: 90.0
 Sample Size: 30 g
 Primary: Y

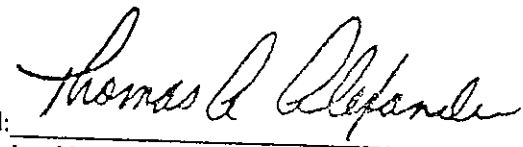
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	2.5	28	50	10/14/03	
PCB-1221	< 28.	U	8.8	28	50	10/14/03	
PCB-1232	< 28.	U	5.8	28	50	10/14/03	
PCB-1242	< 28.	U	3.6	28	50	10/14/03	
PCB-1248	52.		1.4	28	50	10/14/03	
PCB-1254	< 28.	U	2.9	28	50	10/14/03	
PCB-1260	< 28.	U	3.5	28	50	10/14/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	175.	#	30-150	38
Decachlorobiphenyl (surrogate)	134.		30-150	38

Notes:
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 28, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6546
Sample: B1816
Sample Description: NIMO 4+85
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/13/03 Matrix: Solid
Received: 10/13/03 QC Batch: 101403S1
Prepared: 10/14/03 %Solids: 90.0
Sample Size: 30 g
Primary: N

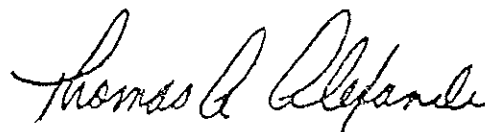
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	2.5	28	50	10/15/03	
PCB-1221	< 28.	U	8.8	28	50	10/15/03	
PCB-1232	< 28.	U	5.8	28	50	10/15/03	
PCB-1242	< 28.	U	3.6	28	50	10/15/03	
PCB-1248	59.		1.4	28	50	10/15/03	
PCB-1254	< 28.	U	2.9	28	50	10/15/03	
PCB-1260	< 28.	U	3.5	28	50	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	117.		30 - 150	
Decachlorobiphenyl (surrogate)	119.		30 - 150	

Notes:

38: Surrogate was diluted



Authorized: _____
Date: October 30, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6546

Sample: B1818

Sample Description: NIMO DITCH MH

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Collected: 10/13/03

Matrix: Solid

Received: 10/13/03

QC Batch: 101403S1

Prepared: 10/14/03

%Solids: 75.0

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .67	U	.060	.67	1	10/14/03
PCB-1221	< .67	U	.21	.67	1	10/14/03
PCB-1232	< .67	U	.14	.67	1	10/14/03
PCB-1242	< .67	U	.085	.67	1	10/14/03
PCB-1248	< .67	U	.034	.67	1	10/14/03
PCB-1254	< .67	U	.069	.67	1	10/14/03
PCB-1260	< .67	U	.083	.67	1	10/14/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	101.		30-150	
Decachlorobiphenyl (surrogate)	100.		30-150	

Notes:


B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 28, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6546
 Sample: B1817
 Sample Description: FD
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: DB-608, 30m x .53mm ID

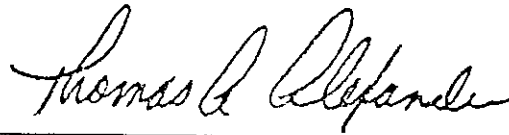
Collected: 10/13/03 Matrix: Solid
 Received: 10/13/03 QC Batch: 101403S1
 Prepared: 10/14/03 %Solids: 75.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .67	U	.060	.67	1	10/14/03	
PCB-1221	< .67	U	.21	.67	1	10/14/03	
PCB-1232	< .67	U	.14	.67	1	10/14/03	
PCB-1242	< .67	U	.085	.67	1	10/14/03	
PCB-1248	< .67	U	.034	.67	1	10/14/03	
PCB-1254	< .67	U	.069	.67	1	10/14/03	
PCB-1260	< .67	U	.083	.67	1	10/14/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	112.		30-150	
Decachlorobiphenyl (surrogate)	109.		30-150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 28, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B1858
 Sample Description: SS-02-05-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 89.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	2.5	28	50	10/15/03	
PCB-1221	< 28.	U	8.9	28	50	10/15/03	
PCB-1232	< 28.	U	5.8	28	50	10/15/03	
PCB-1242	< 28.	U	3.6	28	50	10/15/03	
PCB-1248	160.		1.4	28	50	10/15/03	6
PCB-1254	< 28.	U	2.9	28	50	10/15/03	
PCB-1260	< 28.	U	3.5	28	50	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.		30-150	38
Decachlorobiphenyl (surrogate)	105.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6553
Sample: B 1858
Sample Description: SS-02-05-F
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
Received: 10/14/03 QC Batch: 101503S1
Prepared: 10/15/03 %Solids: 89.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP, 30m x .53mmID

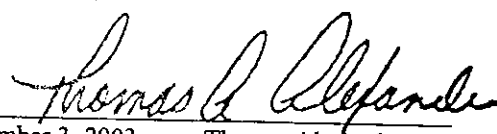
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	2.5	28	50	10/24/03	
PCB-1221	< 28.	U	8.9	28	50	10/24/03	
PCB-1232	< 28.	U	5.8	28	50	10/24/03	
PCB-1242	< 28.	U	3.6	28	50	10/24/03	
PCB-1248	96.	P	1.4	28	50	10/24/03	
PCB-1254	< 28.	U	2.9	28	50	10/24/03	6
PCB-1260	< 28.	U	3.5	28	50	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.		30-150	38
Decachlorobiphenyl (surrogate)	89.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD > 40% between primary and confirmation.

Authorized: 
Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B 1859
 Sample Description: SS-02-05-N
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 89.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

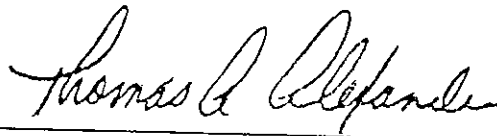
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 56.	U	5.1	56	100	10/15/03	
PCB-1221	< 56.	U	18.	56	100	10/15/03	
PCB-1232	< 56.	U	12.	56	100	10/15/03	
PCB-1242	< 56.	U	7.2	56	100	10/15/03	
PCB-1248	190.		2.9	56	100	10/15/03	6
PCB-1254	< 56.	U	5.8	56	100	10/15/03	
PCB-1260	< 56.	U	7.0	56	100	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	115.		30-150	38
Decachlorobiphenyl (surrogate)	114.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B 1859
 Sample Description: SS-02-05-N
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 89.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 56.	U	5.1	56	100	10/24/03	
PCB-1221	< 56.	U	18.	56	100	10/24/03	
PCB-1232	< 56.	U	12.	56	100	10/24/03	
PCB-1242	< 56.	U	7.2	56	100	10/24/03	
PCB-1248	100.	P	2.9	56	100	10/24/03	6
PCB-1254	< 56.	U	5.8	56	100	10/24/03	
PCB-1260	< 56.	U	7.0	56	100	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.		30-150	38
Decachlorobiphenyl (surrogate)	107.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B1860
 Sample Description: SS-02-05-E
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

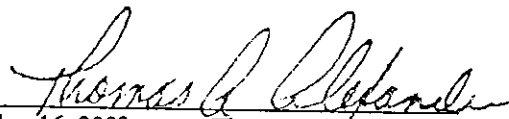
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.7	U	.52	5.7	10	10/15/03	
PCB-1221	< 5.7	U	1.8	5.7	10	10/15/03	
PCB-1232	< 5.7	U	1.2	5.7	10	10/15/03	
PCB-1242	< 5.7	U	.73	5.7	10	10/15/03	
PCB-1248	10.		.29	5.7	10	10/15/03	6
PCB-1254	< 5.7	U	.60	5.7	10	10/15/03	
PCB-1260	< 5.7	U	.72	5.7	10	10/15/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	107.		30-150	38
Decachlorobiphenyl (surrogate)	94.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6553

Sample: B 1860

Sample Description: SS-02-05-E

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/14/03

Matrix: Solid

Received: 10/14/03

QC Batch: 101503S1

Prepared: 10/15/03

%Solids: 87.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.7	U	.52	5.7	10	10/24/03	
PCB-1221	< 5.7	U	1.8	5.7	10	10/24/03	
PCB-1232	< 5.7	U	1.2	5.7	10	10/24/03	
PCB-1242	< 5.7	U	.73	5.7	10	10/24/03	
PCB-1248	6.6	P	.29	5.7	10	10/24/03	6
PCB-1254	< 5.7	U	.60	5.7	10	10/24/03	
PCB-1260	< 5.7	U	.72	5.7	10	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	92.		30-150	38
Decachlorobiphenyl (surrogate)	79.		30-150	38

Notes:

6: Altered aroclor.

6: Altered aroclor.

38: Surrogate was diluted

38: Surrogate was diluted

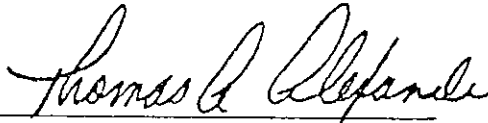
B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: November 3, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B1861
 Sample Description: SS-02-05-S
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

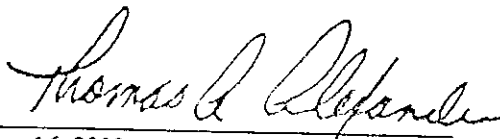
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 57.	U	5.2	57	100	10/16/03	
PCB-1221	< 57.	U	18.	57	100	10/16/03	
PCB-1232	< 57.	U	12.	57	100	10/16/03	
PCB-1242	< 57.	U	7.3	57	100	10/16/03	
PCB-1248	200.		2.9	57	100	10/16/03	
PCB-1254	< 57.	U	6.0	57	100	10/16/03	6
PCB-1260	< 57.	U	7.2	57	100	10/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	105.		30-150	38
Decachlorobiphenyl (surrogate)	99.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 16, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B1861
 Sample Description: SS-02-05-S
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP, 30m x .53mmID

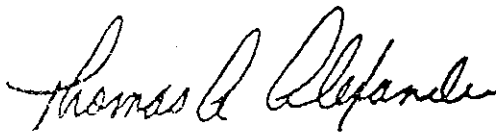
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 57.	U	5.2	57	100	10/24/03	
PCB-1221	< 57.	U	18.	57	100	10/24/03	
PCB-1232	< 57.	U	12.	57	100	10/24/03	
PCB-1242	< 57.	U	7.3	57	100	10/24/03	
PCB-1248	170.		2.9	57	100	10/24/03	6
PCB-1254	< 57.	U	6.0	57	100	10/24/03	
PCB-1260	< 57.	U	7.2	57	100	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.		30-150	38
Decachlorobiphenyl (surrogate)	92.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 30, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B 1862
 Sample Description: SS-02-05-W
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

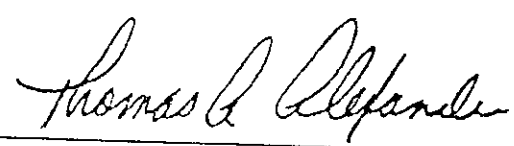
Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 57.	U	5.2	57	100	10/16/03	
PCB-1221	< 57.	U	18.	57	100	10/16/03	
PCB-1232	< 57.	U	12.	57	100	10/16/03	
PCB-1242	< 57.	U	7.3	57	100	10/16/03	
PCB-1248	180.		2.9	57	100	10/16/03	6
PCB-1254	< 57.	U	6.0	57	100	10/16/03	
PCB-1260	< 57.	U	7.2	57	100	10/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	103.		30-150	38
Decachlorobiphenyl (surrogate)	93.		30-150	38

Notes:
 6: Altered aroclor.
 38: Surrogate was diluted

Authorized: 
 Date: October 16, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6553
Sample: B1862
Sample Description: SS-02-05-W
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
Received: 10/14/03 QC Batch: 101503S1
Prepared: 10/15/03 %Solids: 87.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 57.	U	5.2	57	100	10/24/03	
PCB-1221	< 57.	U	18.	57	100	10/24/03	
PCB-1232	< 57.	U	12.	57	100	10/24/03	
PCB-1242	< 57.	U	7.3	57	100	10/24/03	
PCB-1248	100.	P	2.9	57	100	10/24/03	6
PCB-1254	< 57.	U	6.0	57	100	10/24/03	
PCB-1260	< 57.	U	7.2	57	100	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	82.		30-150	38
Decachlorobiphenyl (surrogate)	90.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B1863
 Sample Description: TB-53-W
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2.9	U	.26	2.9	5	10/24/03	
PCB-1221	< 2.9	U	.91	2.9	5	10/24/03	
PCB-1232	< 2.9	U	.60	2.9	5	10/24/03	
PCB-1242	< 2.9	U	.37	2.9	5	10/24/03	
PCB-1248	19.	P	.15	2.9	5	10/24/03	6
PCB-1254	< 2.9	U	.30	2.9	5	10/24/03	
PCB-1260	< 2.9	U	.36	2.9	5	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	104.		30-150	38
Decachlorobiphenyl (surrogate)	85.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6553
 Sample: B1863
 Sample Description: TB-53-W
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP, 30m x .53mmID

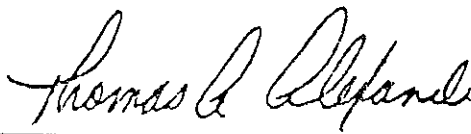
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2.9	U	.26	2.9	5	10/24/03	
PCB-1221	< 2.9	U	.91	2.9	5	10/24/03	
PCB-1232	< 2.9	U	.60	2.9	5	10/24/03	
PCB-1242	< 2.9	U	.37	2.9	5	10/24/03	
PCB-1248	14.	P	.15	2.9	5	10/24/03	6
PCB-1254	< 2.9	U	.30	2.9	5	10/24/03	
PCB-1260	< 2.9	U	.36	2.9	5	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	85.		30-150	38
Decachlorobiphenyl (surrogate)	69.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6554
 Sample: B 1864
 Sample Description: 5 + 90-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

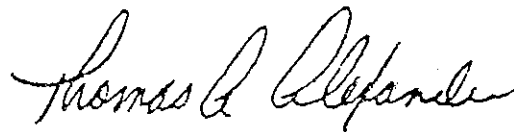
Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 82.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.055	.61	1	10/16/03	
PCB-1221	< .61	U	.19	.61	1	10/16/03	
PCB-1232	< .61	U	.13	.61	1	10/16/03	
PCB-1242	< .61	U	.078	.61	1	10/16/03	
PCB-1248	< .61	U	.031	.61	1	10/16/03	
PCB-1254	< .61	U	.063	.61	1	10/16/03	
PCB-1260	< .61	U	.076	.61	1	10/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30 - 150	
Decachlorobiphenyl (surrogate)	84.		30 - 150	

Notes:



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6554
 Sample: B1865
 Sample Description: 5 + 40-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 84.0
 Sample Size: 30 g
 Primary: Y


Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .60	U	.054	.6	1	10/16/03	
PCB-1221	< .60	U	.19	.6	1	10/16/03	
PCB-1232	< .60	U	.12	.6	1	10/16/03	
PCB-1242	< .60	U	.076	.6	1	10/16/03	
PCB-1248	< .60	U	.030	.6	1	10/16/03	
PCB-1254	< .60	U	.062	.6	1	10/16/03	
PCB-1260	< .60	U	.074	.6	1	10/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30-150	
Decachlorobiphenyl (surrogate)	87.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6554
 Sample: B 1866
 Sample Description: 4 + 40-F
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/03 Matrix: Solid
 Received: 10/14/03 QC Batch: 101503S1
 Prepared: 10/15/03 %Solids: 80.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.056	.62	1	10/16/03	
PCB-1221	< .62	U	.20	.62	1	10/16/03	
PCB-1232	< .62	U	.13	.62	1	10/16/03	
PCB-1242	< .62	U	.080	.62	1	10/16/03	
PCB-1248	< .62	U	.032	.62	1	10/16/03	
PCB-1254	< .62	U	.065	.62	1	10/16/03	
PCB-1260	< .62	U	.078	.62	1	10/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30-150	
Decachlorobiphenyl (surrogate)	85.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Job No.: 3435.124.62301

Project: GM - Former Landfill

Certification NY No.: 10155

Proj. Desc:

Package#: 6554

Sample: B1867

Collected: 10/14/03

Matrix: Solid

Sample Description: 4 + 85-F

Received: 10/14/03

QC Batch: 101503S1

Instrument: HP5890-89

Prepared: 10/15/03

%Solids: 84.0

Units: mg/Kg Dry weight

Sample Size: 30 g

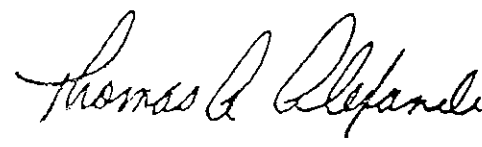
Number of analytes: 7 Column Name: RTXCLP2, 30m x .53mmID

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .60	U	.054	.6	1	10/16/03	
PCB-1221	< .60	U	.19	.6	1	10/16/03	
PCB-1232	< .60	U	.12	.6	1	10/16/03	
PCB-1242	< .60	U	.076	.6	1	10/16/03	
PCB-1248	< .60	U	.030	.6	1	10/16/03	
PCB-1254	< .60	U	.062	.6	1	10/16/03	
PCB-1260	< .60	U	.074	.6	1	10/16/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30-150	
Decachlorobiphenyl (surrogate)	87.		30-150	

Notes:



Authorized: _____
 Date: October 23, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2153
 Sample Description: 6+30-TOP
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

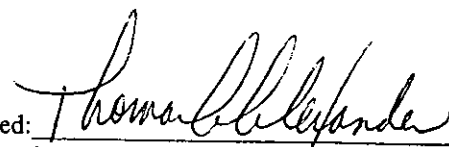
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.8	U	.52	5.8	10	10/21/03	
PCB-1221	< 5.8	U	1.8	5.8	10	10/21/03	
PCB-1232	< 5.8	U	1.2	5.8	10	10/21/03	
PCB-1242	< 5.8	U	.74	5.8	10	10/21/03	
PCB-1248	12.		.30	5.8	10	10/21/03	
PCB-1254	< 5.8	U	.60	5.8	10	10/21/03	6
PCB-1260	< 5.8	U	.73	5.8	10	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30-150	38
Decachlorobiphenyl (surrogate)	62.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 21, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2153
 Sample Description: 6+30-TOP
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.8	U	.52	5.8	10	10/21/03	
PCB-1221	< 5.8	U	1.8	5.8	10	10/21/03	
PCB-1232	< 5.8	U	1.2	5.8	10	10/21/03	
PCB-1242	< 5.8	U	.74	5.8	10	10/21/03	
PCB-1248	14.		.30	5.8	10	10/21/03	6
PCB-1254	< 5.8	U	.60	5.8	10	10/21/03	
PCB-1260	< 5.8	U	.73	5.8	10	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30-150	38
Decachlorobiphenyl (surrogate)	67.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 30, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2154
 Sample Description: 6+30-BANK
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

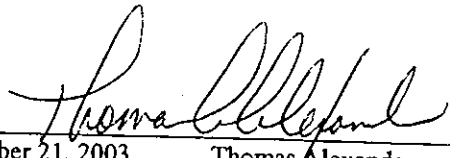
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.9	U	.53	5.9	10	10/21/03	
PCB-1221	< 5.9	U	1.9	5.9	10	10/21/03	
PCB-1232	< 5.9	U	1.2	5.9	10	10/21/03	
PCB-1242	< 5.9	U	.75	5.9	10	10/21/03	
PCB-1248	15.		.30	5.9	10	10/21/03	
PCB-1254	< 5.9	U	.61	5.9	10	10/21/03	6
PCB-1260	< 5.9	U	.73	5.9	10	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	72.		30-150	38
Decachlorobiphenyl (surrogate)	57.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 21, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2154
 Sample Description: 6+30-BANK
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.9	U	.53	5.9	10	10/21/03	
PCB-1221	< 5.9	U	1.9	5.9	10	10/21/03	
PCB-1232	< 5.9	U	1.2	5.9	10	10/21/03	
PCB-1242	< 5.9	U	.75	5.9	10	10/21/03	
PCB-1248	16.		.30	5.9	10	10/21/03	
PCB-1254	< 5.9	U	.61	5.9	10	10/21/03	6
PCB-1260	< 5.9	U	.73	5.9	10	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	77.		30-150	38
Decachlorobiphenyl (surrogate)	51.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: October 30, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2155
 Sample Description: 6+10-TOP
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

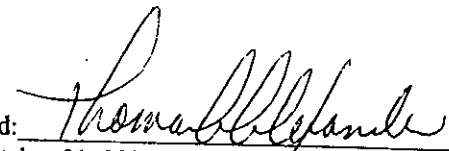
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	10/21/03	
PCB-1221	< 12.	U	3.7	12	20	10/21/03	
PCB-1232	< 12.	U	2.4	12	20	10/21/03	
PCB-1242	< 12.	U	1.5	12	20	10/21/03	
PCB-1248	47.		.60	12	20	10/21/03	
PCB-1254	< 12.	U	1.2	12	20	10/21/03	6
PCB-1260	< 12.	U	1.5	12	20	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	75.		30-150	38
Decachlorobiphenyl (surrogate)	56.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 21, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2155
 Sample Description: 6+10-TOP
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	10/21/03	
PCB-1221	< 12.	U	3.7	12	20	10/21/03	
PCB-1232	< 12.	U	2.4	12	20	10/21/03	
PCB-1242	< 12.	U	1.5	12	20	10/21/03	
PCB-1248	62.	P	.60	12	20	10/21/03	
PCB-1254	< 12.	U	1.2	12	20	10/21/03	6
PCB-1260	< 12.	U	1.5	12	20	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	75.		30-150	38
Decachlorobiphenyl (surrogate)	51.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. .D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2156
 Sample Description: 6+10-BANK
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 84.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

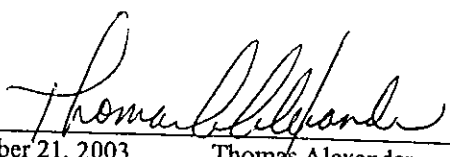
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	10/21/03	
PCB-1221	< 29.	U	9.3	29	50	10/21/03	
PCB-1232	< 29.	U	6.1	29	50	10/21/03	
PCB-1242	< 29.	U	3.8	29	50	10/21/03	
PCB-1248	270.		1.5	29	50	10/21/03	
PCB-1254	< 29.	U	3.1	29	50	10/21/03	6
PCB-1260	< 29.	U	3.7	29	50	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		30-150	38
Decachlorobiphenyl (surrogate)	63.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 21, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6596

Sample: B2156

Sample Description: 6+10-BANK

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP2, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/17/03

Matrix: Solid

Received: 10/17/03

QC Batch: 102003S1

Prepared: 10/20/03

%Solids: 84.0

Sample Size: 30 g

Primary: N

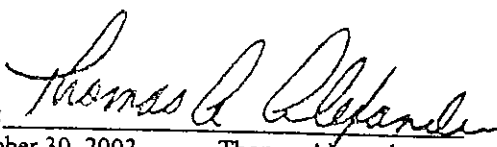
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	10/21/03	
PCB-1221	< 29.	U	9.3	29	50	10/21/03	
PCB-1232	< 29.	U	6.1	29	50	10/21/03	
PCB-1242	< 29.	U	3.8	29	50	10/21/03	
PCB-1248	330.		1.5	29	50	10/21/03	
PCB-1254	< 29.	U	3.1	29	50	10/21/03	6
PCB-1260	< 29.	U	3.7	29	50	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	75.		30-150	38
Decachlorobiphenyl (surrogate)	59.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 30, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2157
 Sample Description: 5+70
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

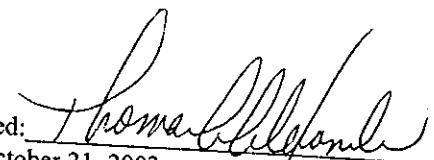
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.0	12	20	10/21/03	
PCB-1221	< 12.	U	3.7	12	20	10/21/03	
PCB-1232	< 12.	U	2.4	12	20	10/21/03	
PCB-1242	< 12.	U	1.5	12	20	10/21/03	
PCB-1248	26.		.59	12	20	10/21/03	
PCB-1254	< 12.	U	1.2	12	20	10/21/03	6
PCB-1260	< 12.	U	1.5	12	20	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		30-150	38
Decachlorobiphenyl (surrogate)	63.		30-150	38

Notes:
 6: Altered aroclor.
 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 21, 2003
 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6596
 Sample: B2157
 Sample Description: 5+70
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/17/03 Matrix: Solid
 Received: 10/17/03 QC Batch: 102003S1
 Prepared: 10/20/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

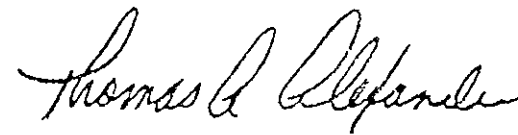
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.0	12	20	10/21/03	
PCB-1221	< 12.	U	3.7	12	20	10/21/03	
PCB-1232	< 12.	U	2.4	12	20	10/21/03	
PCB-1242	< 12.	U	1.5	12	20	10/21/03	
PCB-1248	34.	P	.59	12	20	10/21/03	6
PCB-1254	< 12.	U	1.2	12	20	10/21/03	
PCB-1260	< 12.	U	1.5	12	20	10/21/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		30-150	38
Decachlorobiphenyl (surrogate)	68.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.



Authorized: _____
 Date: November 3, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B 2266
 Sample Description: SS-02-05-S2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

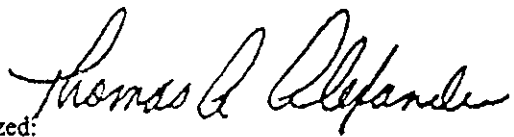
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.0	12	20	10/23/03	
PCB-1221	< 12.	U	3.7	12	20	10/23/03	
PCB-1232	< 12.	U	2.4	12	20	10/23/03	
PCB-1242	< 12.	U	1.5	12	20	10/23/03	
PCB-1248	42.		.59	12	20	10/23/03	
PCB-1254	< 12.	U	1.2	12	20	10/23/03	6
PCB-1260	< 12.	U	1.5	12	20	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		30-150	38
Decachlorobiphenyl (surrogate)	61.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B2266
 Sample Description: SS-02-05-S2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

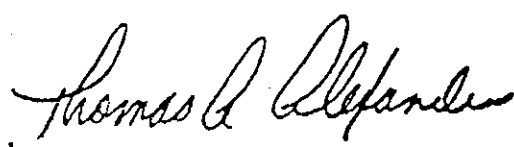
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.0	12	20	10/23/03	
PCB-1221	< 12.	U	3.7	12	20	10/23/03	
PCB-1232	< 12.	U	2.4	12	20	10/23/03	
PCB-1242	< 12.	U	1.5	12	20	10/23/03	
PCB-1248	60.	P	.59	12	20	10/23/03	6
PCB-1254	< 12.	U	1.2	12	20	10/23/03	
PCB-1260	< 12.	U	1.5	12	20	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	106.		30-150	38
Decachlorobiphenyl (surrogate)	70.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: November 4, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B 2267
 Sample Description: SS-02-05-F2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: RTXCLP, 30m x .53mmID
 Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

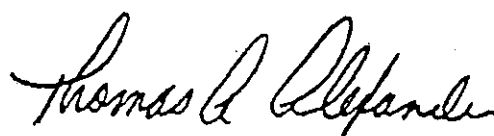
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	10/23/03	
PCB-1221	< 29.	U	9.1	29	50	10/23/03	
PCB-1232	< 29.	U	6.0	29	50	10/23/03	
PCB-1242	< 29.	U	3.7	29	50	10/23/03	
PCB-1248	75.		1.5	29	50	10/23/03	6
PCB-1254	< 29.	U	3.0	29	50	10/23/03	
PCB-1260	< 29.	U	3.6	29	50	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	98.		30-150	38
Decachlorobiphenyl (surrogate)	76.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B 2267
 Sample Description: SS-02-05-F2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	10/23/03	
PCB-1221	< 29.	U	9.1	29	50	10/23/03	
PCB-1232	< 29.	U	6.0	29	50	10/23/03	
PCB-1242	< 29.	U	3.7	29	50	10/23/03	
PCB-1248	100.	P	1.5	29	50	10/23/03	6
PCB-1254	< 29.	U	3.0	29	50	10/23/03	
PCB-1260	< 29.	U	3.6	29	50	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	115.		30-150	38
Decachlorobiphenyl (surrogate)	84.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B2268
 Sample Description: SS-02-05-W2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

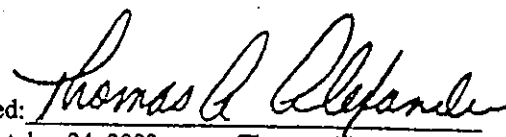
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	10/23/03	
PCB-1221	< 29.	U	9.2	29	50	10/23/03	
PCB-1232	< 29.	U	6.1	29	50	10/23/03	
PCB-1242	< 29.	U	3.7	29	50	10/23/03	
PCB-1248	84.		1.5	29	50	10/23/03	6
PCB-1254	< 29.	U	3.0	29	50	10/23/03	
PCB-1260	< 29.	U	3.6	29	50	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30-150	38
Decachlorobiphenyl (surrogate)	75.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B2268
 Sample Description: SS-02-05-W2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

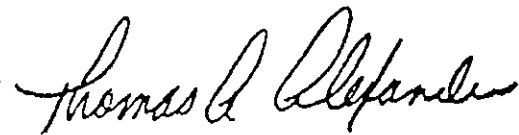
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	10/23/03	
PCB-1221	< 29.	U	9.2	29	50	10/23/03	
PCB-1232	< 29.	U	6.1	29	50	10/23/03	
PCB-1242	< 29.	U	3.7	29	50	10/23/03	
PCB-1248	95.		1.5	29	50	10/23/03	
PCB-1254	< 29.	U	3.0	29	50	10/23/03	6
PCB-1260	< 29.	U	3.6	29	50	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	108.		30-150	38
Decachlorobiphenyl (surrogate)	81.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: November 4, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B2269
 Sample Description: SS-02-05-N2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.052	.57	1	10/23/03	
PCB-1221	< .57	U	.18	.57	1	10/23/03	
PCB-1232	< .57	U	.12	.57	1	10/23/03	
PCB-1242	< .57	U	.073	.57	1	10/23/03	
PCB-1248	.28		.029	.57	1	10/23/03	
PCB-1254	< .57	U	.060	.57	1	10/23/03	6
PCB-1260	< .57	U	.072	.57	1	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	78.		30-150	
Decachlorobiphenyl (surrogate)	54.		30-150	

Notes:

6: Altered aroclor.



Authorized: _____
 Date: October 24, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6614

Sample: B 2269

Sample Description: SS-02-05-N2

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP2, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/22/03

Matrix: Solid

Received: 10/22/03

QC Batch: 102303S1

Prepared: 10/23/03

%Solids: 87.0

Sample Size: 30 g

Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.052	.57	1	10/23/03	
PCB-1221	< .57	U	.18	.57	1	10/23/03	
PCB-1232	< .57	U	.12	.57	1	10/23/03	
PCB-1242	< .57	U	.073	.57	1	10/23/03	
PCB-1248	.42	J P	.029	.57	1	10/23/03	6
PCB-1254	< .57	U	.060	.57	1	10/23/03	
PCB-1260	< .57	U	.072	.57	1	10/23/03	

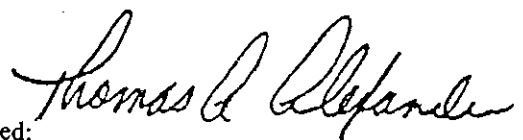
Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.		30-150	
Decachlorobiphenyl (surrogate)	65.		30-150	

Notes:

6: Altered aroclor.

6: Altered aroclor.

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6614
 Sample: B 2270
 Sample Description: 6+15
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/22/03 Matrix: Solid
 Received: 10/22/03 QC Batch: 102303S1
 Prepared: 10/23/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.7	U	.52	5.7	10	10/23/03	
PCB-1221	< 5.7	U	1.8	5.7	10	10/23/03	
PCB-1232	< 5.7	U	1.2	5.7	10	10/23/03	
PCB-1242	< 5.7	U	.73	5.7	10	10/23/03	
PCB-1248	9.1		.29	5.7	10	10/23/03	6
PCB-1254	< 5.7	U	.60	5.7	10	10/23/03	
PCB-1260	< 5.7	U	.72	5.7	10	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.		30-150	38
Decachlorobiphenyl (surrogate)	65.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted



Authorized: _____
 Date: October 24, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6614

Sample: B2270

Sample Description: 6+15

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP2, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/22/03

Matrix: Solid

Received: 10/22/03

QC Batch: 102303S1

Prepared: 10/23/03

%Solids: 87.0

Sample Size: 30 g

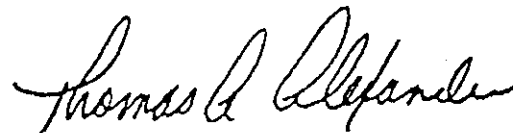
Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.7	U	.52	5.7	10	10/23/03	
PCB-1221	< 5.7	U	1.8	5.7	10	10/23/03	
PCB-1232	< 5.7	U	1.2	5.7	10	10/23/03	
PCB-1242	< 5.7	U	.73	5.7	10	10/23/03	
PCB-1248	13.	P	.29	5.7	10	10/23/03	6
PCB-1254	< 5.7	U	.60	5.7	10	10/23/03	
PCB-1260	< 5.7	U	.72	5.7	10	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	114.		30-150	38
Decachlorobiphenyl (surrogate)	78.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: November 4, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B 2310
Sample Description: 4 + 85-F
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 88.0
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/23/03	
PCB-1221	< 11.	U	3.6	11	20	10/23/03	
PCB-1232	< 11.	U	2.4	11	20	10/23/03	
PCB-1242	< 11.	U	1.5	11	20	10/23/03	
PCB-1248	35.		.58	11	20	10/23/03	6
PCB-1254	< 11.	U	1.2	11	20	10/23/03	
PCB-1260	< 11.	U	1.4	11	20	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.		30-150	38
Decachlorobiphenyl (surrogate)	62.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B 2310
Sample Description: 4 + 85-F
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 88.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP2, 30m x .53mmID

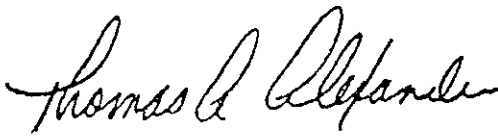
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/23/03	
PCB-1221	< 11.	U	3.6	11	20	10/23/03	
PCB-1232	< 11.	U	2.4	11	20	10/23/03	
PCB-1242	< 11.	U	1.5	11	20	10/23/03	
PCB-1248	40.		.58	11	20	10/23/03	6
PCB-1254	< 11.	U	1.2	11	20	10/23/03	
PCB-1260	< 11.	U	1.4	11	20	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	105.		30 - 150	38
Decachlorobiphenyl (surrogate)	72.		30 - 150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD > 40% between primary and confirmation.

Authorized: 
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2311
Sample Description: 4 + 85-N
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 83.0
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	10/23/03	
PCB-1221	< 12.	U	3.8	12	20	10/23/03	
PCB-1232	< 12.	U	2.5	12	20	10/23/03	
PCB-1242	< 12.	U	1.5	12	20	10/23/03	
PCB-1248	32.		.61	12	20	10/23/03	6
PCB-1254	< 12.	U	1.2	12	20	10/23/03	
PCB-1260	< 12.	U	1.5	12	20	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	78.		30-150	38
Decachlorobiphenyl (surrogate)	61.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2311
Sample Description: 4 + 85-N
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 83.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP2, 30m x .53mmID

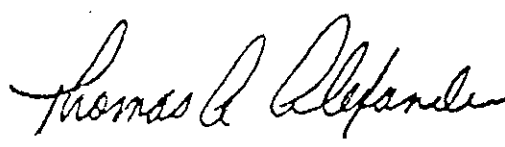
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	10/23/03	
PCB-1221	< 12.	U	3.8	12	20	10/23/03	
PCB-1232	< 12.	U	2.5	12	20	10/23/03	
PCB-1242	< 12.	U	1.5	12	20	10/23/03	
PCB-1248	38.		.61	12	20	10/23/03	6
PCB-1254	< 12.	U	1.2	12	20	10/23/03	
PCB-1260	< 12.	U	1.5	12	20	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	101.		30-150	38
Decachlorobiphenyl (surrogate)	70.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2312
Sample Description: 4 + 85-E
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 90.0
Sample Size: 30 g
Primary: Y


Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	2.5	28	50	10/24/03	
PCB-1221	< 28.	U	8.8	28	50	10/24/03	
PCB-1232	< 28.	U	5.8	28	50	10/24/03	
PCB-1242	< 28.	U	3.6	28	50	10/24/03	
PCB-1248	79.		1.4	28	50	10/24/03	6
PCB-1254	< 28.	U	2.9	28	50	10/24/03	
PCB-1260	< 28.	U	3.5	28	50	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	92.		30-150	38
Decachlorobiphenyl (surrogate)	69.		30-150	38

Notes:
6: Altered aroclor.
38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2312
Sample Description: 4 + 85-E
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 90.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 28.	U	2.5	28	50	10/23/03	
PCB-1221	< 28.	U	8.8	28	50	10/23/03	
PCB-1232	< 28.	U	5.8	28	50	10/23/03	
PCB-1242	< 28.	U	3.6	28	50	10/23/03	
PCB-1248	120.	P	1.4	28	50	10/23/03	6
PCB-1254	< 28.	U	2.9	28	50	10/23/03	
PCB-1260	< 28.	U	3.5	28	50	10/23/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	109.		30-150	38
Decachlorobiphenyl (surrogate)	76.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2313
Sample Description: 4 + 85-S
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 90.0
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/24/03	
PCB-1221	< 11.	U	3.5	11	20	10/24/03	
PCB-1232	< 11.	U	2.3	11	20	10/24/03	
PCB-1242	< 11.	U	1.4	11	20	10/24/03	
PCB-1248	27.		.57	11	20	10/24/03	6
PCB-1254	< 11.	U	1.2	11	20	10/24/03	
PCB-1260	< 11.	U	1.4	11	20	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30-150	38
Decachlorobiphenyl (surrogate)	64.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized:



Date: October 24, 2003

Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2313
Sample Description: 4 + 85-S
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 90.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/24/03	
PCB-1221	< 11.	U	3.5	11	20	10/24/03	
PCB-1232	< 11.	U	2.3	11	20	10/24/03	
PCB-1242	< 11.	U	1.4	11	20	10/24/03	
PCB-1248	31.		.57	11	20	10/24/03	6
PCB-1254	< 11.	U	1.2	11	20	10/24/03	
PCB-1260	< 11.	U	1.4	11	20	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	106.		30-150	38
Decachlorobiphenyl (surrogate)	73.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B 2314
Sample Description: 4 + 85-W
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 84.0
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID

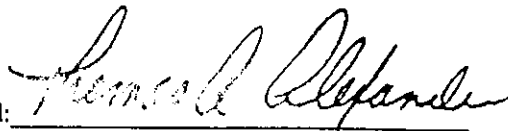
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 30.	U	2.7	30	50	10/24/03	
PCB-1221	< 30.	U	9.4	30	50	10/24/03	
PCB-1232	< 30.	U	6.2	30	50	10/24/03	
PCB-1242	< 30.	U	3.8	30	50	10/24/03	
PCB-1248	55.		1.5	30	50	10/24/03	6
PCB-1254	< 30.	U	3.1	30	50	10/24/03	
PCB-1260	< 30.	U	3.7	30	50	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30-150	38
Decachlorobiphenyl (surrogate)	76.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 24, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2314
Sample Description: 4 + 85-W
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 84.0
Sample Size: 30 g
Primary: N

Column Name: RTXCLP2, 30m x .53mmID

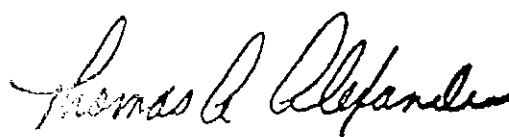
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 30.	U	2.7	30	50	10/24/03	
PCB-1221	< 30.	U	9.4	30	50	10/24/03	
PCB-1232	< 30.	U	6.2	30	50	10/24/03	
PCB-1242	< 30.	U	3.8	30	50	10/24/03	
PCB-1248	67.		1.5	30	50	10/24/03	6
PCB-1254	< 30.	U	3.1	30	50	10/24/03	
PCB-1260	< 30.	U	3.7	30	50	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	112.		30-150	38
Decachlorobiphenyl (surrogate)	80.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6623

Sample: B2315

Sample Description: 4 + 85-FD

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/23/03

Matrix: Solid

Received: 10/23/03

QC Batch: 102303S1

Prepared: 10/23/03

%Solids: 88.0

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/24/03	
PCB-1221	< 11.	U	3.6	11	20	10/24/03	
PCB-1232	< 11.	U	2.4	11	20	10/24/03	
PCB-1242	< 11.	U	1.5	11	20	10/24/03	
PCB-1248	27.		.58	11	20	10/24/03	6
PCB-1254	< 11.	U	1.2	11	20	10/24/03	
PCB-1260	< 11.	U	1.4	11	20	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.		30-150	38
Decachlorobiphenyl (surrogate)	67.		30-150	38

Notes:

6: Altered aroclor.

38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD > 40% between primary and confirmation.

Authorized: 

Date: October 24, 2003

Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6623
Sample: B2315
Sample Description: 4 + 85-FD
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/23/03 Matrix: Solid
Received: 10/23/03 QC Batch: 102303S1
Prepared: 10/23/03 %Solids: 88.0
Sample Size: 30 g
Primary: N


Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.0	11	20	10/24/03	
PCB-1221	< 11.	U	3.6	11	20	10/24/03	
PCB-1232	< 11.	U	2.4	11	20	10/24/03	
PCB-1242	< 11.	U	1.5	11	20	10/24/03	
PCB-1248	32.		.58	11	20	10/24/03	6
PCB-1254	< 11.	U	1.2	11	20	10/24/03	
PCB-1260	< 11.	U	1.4	11	20	10/24/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	112.		30-150	38
Decachlorobiphenyl (surrogate)	79.		30-150	38

Notes:
6: Altered aroclor.
6: Altered aroclor.
38: Surrogate was diluted
38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 4, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6686
 Sample: B2724
 Sample Description: 3+00
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/01/03 Matrix: Solid
 Received: 11/03/03 QC Batch: 110503S1
 Prepared: 11/05/03 %Solids: 65.0
 Sample Size: 30 g
 Primary: Y

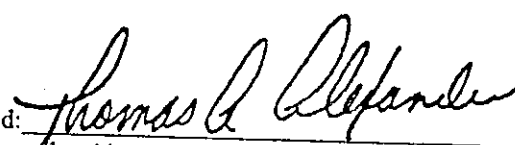
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .77	U	.069	.77	1	11/05/03	
PCB-1221	< .77	U	.24	.77	1	11/05/03	
PCB-1232	< .77	U	.16	.77	1	11/05/03	
PCB-1242	< .77	U	.098	.77	1	11/05/03	
PCB-1248	.48	J	.039	.77	1	11/05/03	
PCB-1254	< .77	U	.080	.77	1	11/05/03	
PCB-1260	< .77	U	.096	.77	1	11/05/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	61.		30-150	
Decachlorobiphenyl (surrogate)	74.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 11, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6686
 Sample: B2724
 Sample Description: 3+00
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: RTXCLP, 30m x .53mmID

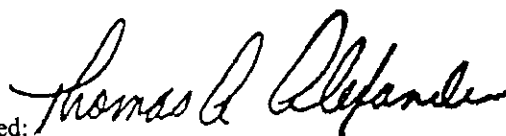
Collected: 11/01/03 Matrix: Solid
 Received: 11/03/03 QC Batch: 110503S1
 Prepared: 11/05/03 %Solids: 65.0
 Sample Size: 30 g
 Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .77	U	.069	.77	1	11/05/03
PCB-1221	< .77	U	.24	.77	1	11/05/03
PCB-1232	< .77	U	.16	.77	1	11/05/03
PCB-1242	< .77	U	.098	.77	1	11/05/03
PCB-1248	.46	J	.039	.77	1	11/05/03
PCB-1254	< .77	U	.080	.77	1	11/05/03
PCB-1260	< .77	U	.096	.77	1	11/05/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	68.		30-150	
Decachlorobiphenyl (surrogate)	78.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 11, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6686
 Sample: B2725
 Sample Description: 2+00
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: RTXCLP2, 30m x .53mmID


Collected: 11/01/03 Matrix: Solid
 Received: 11/03/03 QC Batch: 110503S1
 Prepared: 11/05/03 %Solids: 80.0
 Sample Size: 30 g
 Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.056	.62	1	11/05/03	
PCB-1221	< .62	U	.20	.62	1	11/05/03	
PCB-1232	< .62	U	.13	.62	1	11/05/03	
PCB-1242	< .62	U	.080	.62	1	11/05/03	
PCB-1248	.28	J	.032	.62	1	11/05/03	
PCB-1254	< .62	U	.065	.62	1	11/05/03	
PCB-1260	< .62	U	.078	.62	1	11/05/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	66.		30 - 150	
Decachlorobiphenyl (surrogate)	73.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: November 11, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6686
 Sample: B2725
 Sample Description: 2+00
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: RTXCLP, 30m x .53mmID


Collected: 11/01/03 Matrix: Solid
 Received: 11/03/03 QC Batch: 110503S1
 Prepared: 11/05/03 %Solids: 80.0
 Sample Size: 30 g
 Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.056	.62	1	11/05/03	
PCB-1221	< .62	U	.20	.62	1	11/05/03	
PCB-1232	< .62	U	.13	.62	1	11/05/03	
PCB-1242	< .62	U	.080	.62	1	11/05/03	
PCB-1248	.23	J	.032	.62	1	11/05/03	
PCB-1254	< .62	U	.065	.62	1	11/05/03	
PCB-1260	< .62	U	.078	.62	1	11/05/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	75.		30-150	
Decachlorobiphenyl (surrogate)	79.		30-150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 11, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:

Job No.: 3435.124.62301
Certification NY No.: 10155

Package#: 6686
Sample: B2724
Samp. Description: 3+00

Collected: 11/01/03
Received: 11/03/03 10:40
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	65.0		%	2540-G		1.0	11/05/03	110503S9	1	

Notes:

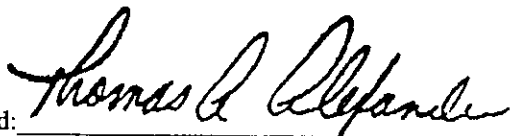
Package#: 6686
Sample: B2725
Samp. Description: 2+00

Collected: 11/01/03
Received: 11/03/03 10:40
Matrix: Solid
Number of Analytes: 1

Parameter	Result	Q	Units	Method	MDL	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	80.3		%	2540-G		1.0	11/05/03	110503S9	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 16, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6710
 Sample: B 2859
 Sample Description: SS-02-05-F3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/05/03 Matrix: Solid
 Received: 11/05/03 QC Batch: 110603S1
 Prepared: 11/06/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-608, 30m x .53mm ID

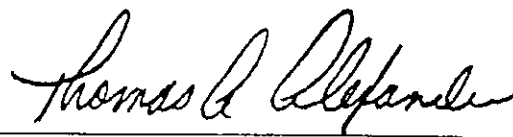
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.9	U	.53	5.9	10	11/06/03	
PCB-1221	< 5.9	U	1.9	5.9	10	11/06/03	
PCB-1232	< 5.9	U	1.2	5.9	10	11/06/03	
PCB-1242	< 5.9	U	.75	5.9	10	11/06/03	
PCB-1248	14.		.30	5.9	10	11/06/03	6
PCB-1254	< 5.9	U	.61	5.9	10	11/06/03	
PCB-1260	< 5.9	U	.73	5.9	10	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		30-150	38
Decachlorobiphenyl (surrogate)	114.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 7, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6710
Sample: B2859
Sample Description: SS-02-05-F3
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 11/05/03 Matrix: Solid
Received: 11/05/03 QC Batch: 110603S1
Prepared: 11/06/03 %Solids: 85.0
Sample Size: 30 g
Primary: N

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 5.9	U	.53	5.9	10	11/06/03	
PCB-1221	< 5.9	U	1.9	5.9	10	11/06/03	
PCB-1232	< 5.9	U	1.2	5.9	10	11/06/03	
PCB-1242	< 5.9	U	.75	5.9	10	11/06/03	
PCB-1248	15.		.30	5.9	10	11/06/03	
PCB-1254	< 5.9	U	.61	5.9	10	11/06/03	
PCB-1260	< 5.9	U	.73	5.9	10	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	85.		30-150	38
Decachlorobiphenyl (surrogate)	83.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 7, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6710
 Sample: B2861
 Sample Description: FD
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: DB-608, 30m x .53mm ID

Collected: 11/05/03 Matrix: Solid
 Received: 11/05/03 QC Batch: 110603S1
 Prepared: 11/06/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

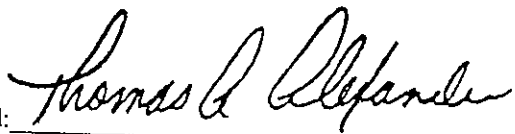
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< 2.9	U	.26	2.9	5	11/06/03
PCB-1221	< 2.9	U	.92	2.9	5	11/06/03
PCB-1232	< 2.9	U	.61	2.9	5	11/06/03
PCB-1242	< 2.9	U	.37	2.9	5	11/06/03
PCB-1248	6.4		.15	2.9	5	11/06/03
PCB-1254	< 2.9	U	.30	2.9	5	11/06/03
PCB-1260	< 2.9	U	.36	2.9	5	11/06/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30-150	38
Decachlorobiphenyl (surrogate)	98.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 7, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6710
 Sample: B2861
 Sample Description: FD
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: DB-1701, 30m x .53mm ID

Collected: 11/05/03 Matrix: Solid
 Received: 11/05/03 QC Batch: 110603S1
 Prepared: 11/06/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

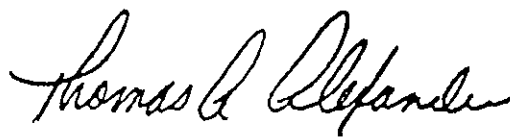
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2.9	U	.26	2.9	5	11/06/03	
PCB-1221	< 2.9	U	.92	2.9	5	11/06/03	
PCB-1232	< 2.9	U	.61	2.9	5	11/06/03	
PCB-1242	< 2.9	U	.37	2.9	5	11/06/03	
PCB-1248	7.1		.15	2.9	5	11/06/03	
PCB-1254	< 2.9	U	.30	2.9	5	11/06/03	6
PCB-1260	< 2.9	U	.36	2.9	5	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.		30-150	38
Decachlorobiphenyl (surrogate)	72.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: November 7, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6710
Sample: B2860
Sample Description: SS-02-05-W3
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 11/05/03 Matrix: Solid
Received: 11/05/03 QC Batch: 110603S1
Prepared: 11/06/03 %Solids: 86.0
Sample Size: 30 g
Primary: Y

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.0	12	20	11/06/03	
PCB-1221	< 12.	U	3.7	12	20	11/06/03	
PCB-1232	< 12.	U	2.4	12	20	11/06/03	
PCB-1242	< 12.	U	1.5	12	20	11/06/03	
PCB-1248	39.		.59	12	20	11/06/03	6
PCB-1254	< 12.	U	1.2	12	20	11/06/03	
PCB-1260	< 12.	U	1.5	12	20	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		30-150	38
Decachlorobiphenyl (surrogate)	139.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
Date: November 7, 2003 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6710
 Sample: B2860
 Sample Description: SS-02-05-W3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/05/03 Matrix: Solid
 Received: 11/05/03 QC Batch: 110603S1
 Prepared: 11/06/03 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

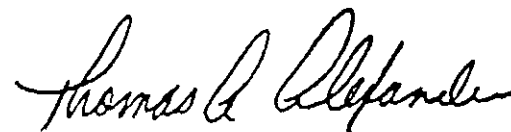
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.0	12	20	11/06/03	
PCB-1221	< 12.	U	3.7	12	20	11/06/03	
PCB-1232	< 12.	U	2.4	12	20	11/06/03	
PCB-1242	< 12.	U	1.5	12	20	11/06/03	
PCB-1248	47.		.59	12	20	11/06/03	6
PCB-1254	< 12.	U	1.2	12	20	11/06/03	
PCB-1260	< 12.	U	1.5	12	20	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		30-150	38
Decachlorobiphenyl (surrogate)	103.		30-150	38

Notes:

- 6: Altered aroclor.
- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted



Authorized: _____
 Date: November 7, 2003 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6710
 Sample: B2857
 Sample Description: 4+85-E2
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/05/03 Matrix: Solid
 Received: 11/05/03 QC Batch: 110603S1
 Prepared: 11/06/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	11/07/03	
PCB-1221	< 29.	U	9.3	29	50	11/07/03	
PCB-1232	< 29.	U	6.1	29	50	11/07/03	
PCB-1242	< 29.	U	3.8	29	50	11/07/03	
PCB-1248	58.	P	1.5	29	50	11/07/03	6
PCB-1254	< 29.	U	3.1	29	50	11/07/03	
PCB-1260	< 29.	U	3.7	29	50	11/07/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	82.		30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: November 18, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6710
 Sample: B2857
 Sample Description: 4+85-E2
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/05/03 Matrix: Solid
 Received: 11/05/03 QC Batch: 110603S1
 Prepared: 11/06/03 %Solids: 85.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	2.6	29	50	11/07/03	
PCB-1221	< 29.	U	9.3	29	50	11/07/03	
PCB-1232	< 29.	U	6.1	29	50	11/07/03	
PCB-1242	< 29.	U	3.8	29	50	11/07/03	
PCB-1248	75.	P	1.5	29	50	11/07/03	6
PCB-1254	< 29.	U	3.1	29	50	11/07/03	
PCB-1260	< 29.	U	3.7	29	50	11/07/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	130.		30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



Authorized: _____
 Date: November 18, 2003 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6710

Sample: B 2858

Sample Description: 4+85-W2

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3435 . 124.62301

Certification NY No.: 10155

Collected: 11/05/03

Matrix: Solid

Received: 11/05/03

QC Batch: 110603S1

Prepared: 11/06/03

%Solids: 84.0

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	11/06/03	
PCB-1221	< 12.	U	3.8	12	20	11/06/03	
PCB-1232	< 12.	U	2.5	12	20	11/06/03	
PCB-1242	< 12.	U	1.5	12	20	11/06/03	
PCB-1248	20.		.61	12	20	11/06/03	6
PCB-1254	< 12.	U	1.2	12	20	11/06/03	
PCB-1260	< 12.	U	1.5	12	20	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	92.		30-150	38
Decachlorobiphenyl (surrogate)	153.	#	30-150	38

Notes:

6: Altered aroclor.

38: Surrogate was diluted

38: Surrogate was diluted



Authorized: _____

Date: November 7, 2003

Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 6710

Sample: B2858

Sample Description: 4+85-W2

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 11/05/03

Matrix: Solid

Received: 11/05/03

QC Batch: 110603S1

Prepared: 11/06/03

%Solids: 84.0

Sample Size: 30 g

Primary: N

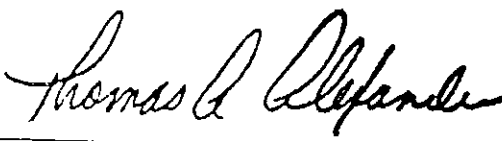
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 12.	U	1.1	12	20	11/06/03	
PCB-1221	< 12.	U	3.8	12	20	11/06/03	
PCB-1232	< 12.	U	2.5	12	20	11/06/03	
PCB-1242	< 12.	U	1.5	12	20	11/06/03	
PCB-1248	21.		.61	12	20	11/06/03	
PCB-1254	< 12.	U	1.2	12	20	11/06/03	
PCB-1260	< 12.	U	1.5	12	20	11/06/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	101.		30-150	38
Decachlorobiphenyl (surrogate)	109.		30-150	38

Notes:

- 6: Altered aroclor.
- 38: Surrogate was diluted
- 38: Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
Date: November 7, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6773
Sample: B3279
Sample Description: 1 + 12 - N. Wall
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 11/10/03 Matrix: Solid
Received: 11/11/03 QC Batch: 111103S1
Prepared: 11/11/03 %Solids: 80.0
Sample Size: 30 g
Primary: Y

Column Name: DB-1701, 30m x .53mm ID

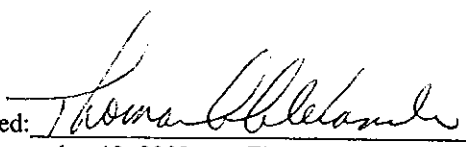
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.056	.62	1	11/12/03	
PCB-1221	< .62	U	.20	.62	1	11/12/03	
PCB-1232	< .62	U	.13	.62	1	11/12/03	
PCB-1242	1.8		.079	.62	1	11/12/03	6
PCB-1248	< .62	U	.031	.62	1	11/12/03	
PCB-1254	< .62	U	.064	.62	1	11/12/03	
PCB-1260	< .62	U	.077	.62	1	11/12/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.		30-150	
Decachlorobiphenyl (surrogate)	73.		30-150	

Notes:

6: Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 12, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6773
Sample: B 3279
Sample Description: 1 + 12 - N. Wall
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 11/10/03 Matrix: Solid
Received: 11/11/03 QC Batch: 111103S1
Prepared: 11/11/03 %Solids: 80.0
Sample Size: 30 g
Primary: N

Column Name: DB-608, 30m x .53mm ID

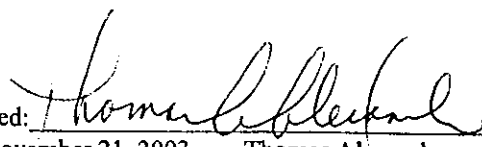
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.056	.62	1	11/12/03	
PCB-1221	< .62	U	.20	.62	1	11/12/03	
PCB-1232	< .62	U	.13	.62	1	11/12/03	
PCB-1242	1.8		.079	.62	1	11/12/03	6
PCB-1248	< .62	U	.031	.62	1	11/12/03	
PCB-1254	< .62	U	.064	.62	1	11/12/03	
PCB-1260	< .62	U	.077	.62	1	11/12/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30-150	
Decachlorobiphenyl (surrogate)	84.		30-150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD > 40% between primary and confirmation.

Authorized: 
Date: November 21, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6773
 Sample: B 3280
 Sample Description: 0 + 25 - N. Wall
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/10/03 Matrix: Solid
 Received: 11/11/03 QC Batch: 111103S1
 Prepared: 11/11/03 %Solids: 74.0
 Sample Size: 30 g
 Primary: Y

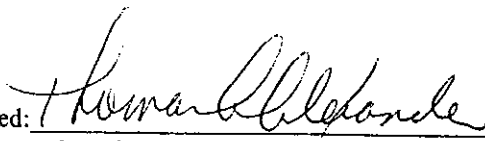
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .68	U	.061	.68	1	11/12/03	
PCB-1221	< .68	U	.21	.68	1	11/12/03	
PCB-1232	< .68	U	.14	.68	1	11/12/03	
PCB-1242	< .68	U	.086	.68	1	11/12/03	
PCB-1248	< .68	U	.034	.68	1	11/12/03	
PCB-1254	< .68	U	.070	.68	1	11/12/03	
PCB-1260	< .68	U	.084	.68	1	11/12/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	81.		30-150	
Decachlorobiphenyl (surrogate)	67.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: November 12, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 6805
 Sample: B3487
 Sample Description: 4+85-E3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 11/13/03 Matrix: Solid
 Received: 11/13/03 QC Batch: 111403S1
 Prepared: 11/14/03 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

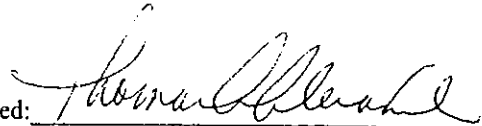
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.052	.57	1	11/14/03	
PCB-1221	< .57	U	.18	.57	1	11/14/03	
PCB-1232	< .57	U	.12	.57	1	11/14/03	
PCB-1242	< .57	U	.073	.57	1	11/14/03	
PCB-1248	2.7		.029	.57	1	11/14/03	
PCB-1254	< .57	U	.060	.57	1	11/14/03	
PCB-1260	< .57	U	.072	.57	1	11/14/03	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	100.		30-150	
Decachlorobiphenyl (surrogate)	89.		30-150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 14, 2003 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 6805
Sample: B3487
Sample Description: 4+85-E3
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 11/13/03 Matrix: Solid
Received: 11/13/03 QC Batch: 111403S1
Prepared: 11/14/03 %Solids: 87.0
Sample Size: 30 g
Primary: N

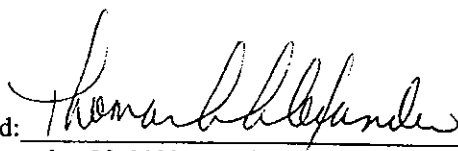
Column Name: DB-1701, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .57	U	.052	.57	1	11/14/03
PCB-1221	< .57	U	.18	.57	1	11/14/03
PCB-1232	< .57	U	.12	.57	1	11/14/03
PCB-1242	< .57	U	.073	.57	1	11/14/03
PCB-1248	3.0		.029	.57	1	11/14/03
PCB-1254	< .57	U	.060	.57	1	11/14/03
PCB-1260	< .57	U	.072	.57	1	11/14/03

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	94.		30-150	
Decachlorobiphenyl (surrogate)	79.		30-150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 20, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0527
Sample Description: TB-04-1 (0'-1')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 85.8
Sample Size: 30 g
Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .58	U	.58	1	06/07/04
PCB-1221	< .58	U	.58	1	06/07/04
PCB-1232	< .58	U	.58	1	06/07/04
PCB-1242	< .58	U	.58	1	06/07/04
PCB-1248	< .58	U	.58	1	06/07/04
PCB-1254	< .58	U	.58	1	06/07/04
PCB-1260	< .58	U	.58	1	06/07/04

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	85.		41-143
Decachlorobiphenyl (surrogate)	81.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 

Date: June 9, 2004

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 8023
 Sample: E0528
 Sample Description: TB-04-1 (1'-2')
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.135.11180
 Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
 Received: 06/01/04 QC Batch: 060204S1
 Prepared: 06/02/04 %Solids: 88.6
 Sample Size: 30 g
 Primary: Y


Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .56	U	.56	1	06/07/04
PCB-1221	< .56	U	.56	1	06/07/04
PCB-1232	< .56	U	.56	1	06/07/04
PCB-1242	< .56	U	.56	1	06/07/04
PCB-1248	< .56	U	.56	1	06/07/04
PCB-1254	< .56	U	.56	1	06/07/04
PCB-1260	< .56	U	.56	1	06/07/04

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		41 - 143
Decachlorobiphenyl (surrogate)	85.		29 - 148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 8023
 Sample: E 0529
 Sample Description: TB-04-1 (2'-3')
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.135.11180
 Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
 Received: 06/01/04 QC Batch: 060204S1
 Prepared: 06/02/04 %Solids: 95.7
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
PCB-1016	< .52	U	.52	1	06/07/04	
PCB-1221	< .52	U	.52	1	06/07/04	
PCB-1232	< .52	U	.52	1	06/07/04	
PCB-1242	< .52	U	.52	1	06/07/04	
PCB-1248	< .52	U	.52	1	06/07/04	
PCB-1254	< .52	U	.52	1	06/07/04	
PCB-1260	< .52	U	.52	1	06/07/04	

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		41-143
Decachlorobiphenyl (surrogate)	94.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: June 9, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0530
Sample Description: TB-04-2 (0'-1')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 85.3
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID


<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed Notes</u>
PCB-1016	< .59	U	.59	1	06/07/04
PCB-1221	< .59	U	.59	1	06/07/04
PCB-1232	< .59	U	.59	1	06/07/04
PCB-1242	< .59	U	.59	1	06/07/04
PCB-1248	< .59	U	.59	1	06/07/04
PCB-1254	< .59	U	.59	1	06/07/04
PCB-1260	< .59	U	.59	1	06/07/04

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	87.		41-143
Decachlorobiphenyl (surrogate)	81.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: _____
Date: June 9, 2004



Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 8023
 Sample: E0531
 Sample Description: TB-04-2 (1'-2')
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.135.11180
 Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
 Received: 06/01/04 QC Batch: 060204S1
 Prepared: 06/02/04 %Solids: 90.6
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .55	U	.55	1	06/07/04
PCB-1221	< .55	U	.55	1	06/07/04
PCB-1232	< .55	U	.55	1	06/07/04
PCB-1242	< .55	U	.55	1	06/07/04
PCB-1248	< .55	U	.55	1	06/07/04
PCB-1254	< .55	U	.55	1	06/07/04
PCB-1260	< .55	U	.55	1	06/07/04

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		41-143
Decachlorobiphenyl (surrogate)	87.		29-148

Notes:



Authorized: _____
 Date: June 9, 2004 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0532
Sample Description: TB-04-2 (2'-3')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 90.6
Sample Size: 30 g
Primary: Y

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
PCB-1016	< .55	U	.55	1	06/07/04	
PCB-1221	< .55	U	.55	1	06/07/04	
PCB-1232	< .55	U	.55	1	06/07/04	
PCB-1242	< .55	U	.55	1	06/07/04	
PCB-1248	2.3		.55	1	06/07/04	
PCB-1254	< .55	U	.55	1	06/07/04	
PCB-1260	< .55	U	.55	1	06/07/04	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		41-143
Decachlorobiphenyl (surrogate)	93.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized:

Date: June 9, 2004



Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0533
Sample Description: TB-04-3 (0'-1')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 81.3
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.62	1	06/07/04	
PCB-1221	< .62	U	.62	1	06/07/04	
PCB-1232	< .62	U	.62	1	06/07/04	
PCB-1242	< .62	U	.62	1	06/07/04	
PCB-1248	4.8		.62	1	06/07/04	6
PCB-1254	< .62	U	.62	1	06/07/04	
PCB-1260	< .62	U	.62	1	06/07/04	

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.		41-143
Decachlorobiphenyl (surrogate)	88.		29-148

Notes:

6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized:

Date: June 9, 2004


Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 8023
 Sample: E0534
 Sample Description: TB-04-3 (1'-2')
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.135.11180
 Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
 Received: 06/01/04 QC Batch: 060204S1
 Prepared: 06/02/04 %Solids: 87.9
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.57	1	06/07/04	
PCB-1221	< .57	U	.57	1	06/07/04	
PCB-1232	< .57	U	.57	1	06/07/04	
PCB-1242	< .57	U	.57	1	06/07/04	
PCB-1248	1.1		.57	1	06/07/04	6
PCB-1254	< .57	U	.57	1	06/07/04	
PCB-1260	< .57	U	.57	1	06/07/04	

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	89.		41 - 143
Decachlorobiphenyl (surrogate)	90.		29 - 148

Notes:
 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0535
Sample Description: TB-04-3 (2'-3')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 83.7
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP, 30m x .53mmID

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed Notes</u>
PCB-1016	< .60	U	.60	1	06/07/04
PCB-1221	< .60	U	.60	1	06/07/04
PCB-1232	< .60	U	.60	1	06/07/04
PCB-1242	< .60	U	.60	1	06/07/04
PCB-1248	< .60	U	.60	1	06/07/04
PCB-1254	< .60	U	.60	1	06/07/04
PCB-1260	< .60	U	.60	1	06/07/04

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	80.		41-143
Decachlorobiphenyl (surrogate)	70.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: _____

Date: June 9, 2004


Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0536
Sample Description: TB-04-4 (0'-2')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435 . 135.11180
Certification NY No.: 10155

Collected: 06/01/04
Received: 06/01/04
Prepared: 06/02/04
Matrix: Solid
QC Batch: 060204S1
%Solids: 87.2
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
PCB-1016	< .57	U	.57	1	06/07/04	
PCB-1221	< .57	U	.57	1	06/07/04	
PCB-1232	< .57	U	.57	1	06/07/04	
PCB-1242	< .57	U	.57	1	06/07/04	
PCB-1248	2.3		.57	1	06/07/04	6
PCB-1254	< .57	U	.57	1	06/07/04	
PCB-1260	< .57	U	.57	1	06/07/04	

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	83.		41 - 143
Decachlorobiphenyl (surrogate)	78.		29 - 148

Notes:

6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0537
Sample Description: TB-04-4 (2'-4')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 92.8
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

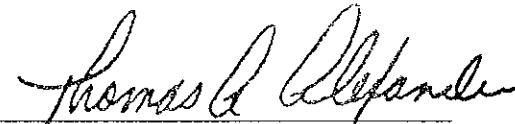
Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .54	U	.54	1	06/07/04
PCB-1221	< .54	U	.54	1	06/07/04
PCB-1232	< .54	U	.54	1	06/07/04
PCB-1242	< .54	U	.54	1	06/07/04
PCB-1248	2.4		.54	1	06/07/04
PCB-1254	< .54	U	.54	1	06/07/04
PCB-1260	< .54	U	.54	1	06/07/04

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	87.		41-143
Decachlorobiphenyl (surrogate)	86.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: _____
Date: June 9, 2004


Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E 0538
Sample Description: TB-04-4 (4'-6')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 87.5
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

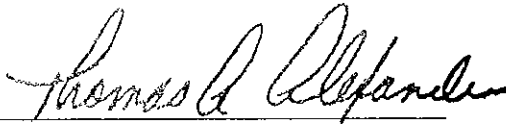
<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed Notes</u>
PCB-1016	< .57	U	.57	1	06/07/04
PCB-1221	< .57	U	.57	1	06/07/04
PCB-1232	< .57	U	.57	1	06/07/04
PCB-1242	< .57	U	.57	1	06/07/04
PCB-1248	< .57	U	.57	1	06/07/04
PCB-1254	< .57	U	.57	1	06/07/04
PCB-1260	< .57	U	.57	1	06/07/04

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	81.		41-143
Decachlorobiphenyl (surrogate)	77.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: _____
Date: June 9, 2004


Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0539
Sample Description: TB-04-4 (6'-8')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7 Column Name: RTXCLP2, 30m x .53mmID

Job No.: 3435 . 135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 77.3
Sample Size: 30 g
Primary: Y

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed Notes</u>
PCB-1016	< .65	U	.65	1	06/07/04
PCB-1221	< .65	U	.65	1	06/07/04
PCB-1232	< .65	U	.65	1	06/07/04
PCB-1242	< .65	U	.65	1	06/07/04
PCB-1248	< .65	U	.65	1	06/07/04
PCB-1254	< .65	U	.65	1	06/07/04
PCB-1260	< .65	U	.65	1	06/07/04

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	71.		41 - 143
Decachlorobiphenyl (surrogate)	67.		29 - 148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0540
Sample Description: TB-04-4 (8'-10')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 78.0
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
PCB-1016	< .64	U	.64	1	06/07/04	
PCB-1221	< .64	U	.64	1	06/07/04	
PCB-1232	< .64	U	.64	1	06/07/04	
PCB-1242	< .64	U	.64	1	06/07/04	
PCB-1248	< .64	U	.64	1	06/07/04	
PCB-1254	< .64	U	.64	1	06/07/04	
PCB-1260	< .64	U	.64	1	06/07/04	

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	75.		41-143
Decachlorobiphenyl (surrogate)	72.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: _____

Date: June 9, 2004


Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - SPDES Treatment System IRM
 Proj. Desc:
 Package#: 8023
 Sample: E0541
 Sample Description: TB-04-4 (10'-12')
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.135.11180
 Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
 Received: 06/01/04 QC Batch: 060204S1
 Prepared: 06/02/04 %Solids: 78.9
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .63	U	.63	1	06/07/04
PCB-1221	< .63	U	.63	1	06/07/04
PCB-1232	< .63	U	.63	1	06/07/04
PCB-1242	< .63	U	.63	1	06/07/04
PCB-1248	< .63	U	.63	1	06/07/04
PCB-1254	< .63	U	.63	1	06/07/04
PCB-1260	< .63	U	.63	1	06/07/04

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	82.		41 - 143
Decachlorobiphenyl (surrogate)	81.		29 - 148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0542
Sample Description: TB-04-4 (12'-14')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 76.3
Sample Size: 30 g
Primary: Y


Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .66	U	.66	1	06/07/04
PCB-1221	< .66	U	.66	1	06/07/04
PCB-1232	< .66	U	.66	1	06/07/04
PCB-1242	< .66	U	.66	1	06/07/04
PCB-1248	< .66	U	.66	1	06/07/04
PCB-1254	< .66	U	.66	1	06/07/04
PCB-1260	< .66	U	.66	1	06/07/04

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		41-143
Decachlorobiphenyl (surrogate)	79.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0543
Sample Description: TB-04-4 (14'-16')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 74.5
Sample Size: 30 g
Primary: Y


Column Name: RTXCLP2, 30m x .53mmID

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed Notes</u>
PCB-1016	< .67	U	.67	1	06/07/04
PCB-1221	< .67	U	.67	1	06/07/04
PCB-1232	< .67	U	.67	1	06/07/04
PCB-1242	< .67	U	.67	1	06/07/04
PCB-1248	< .67	U	.67	1	06/07/04
PCB-1254	< .67	U	.67	1	06/07/04
PCB-1260	< .67	U	.67	1	06/07/04

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	74.		41-143
Decachlorobiphenyl (surrogate)	78.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: June 9, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0544
Sample Description: TB-04-4 (16'-18')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435 . 135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 71.1
Sample Size: 30 g
Primary: Y


Column Name: RTXCLP2, 30m x .53mmID

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed Notes</u>
PCB-1016	< .70	U	.70	1	06/07/04
PCB-1221	< .70	U	.70	1	06/07/04
PCB-1232	< .70	U	.70	1	06/07/04
PCB-1242	< .70	U	.70	1	06/07/04
PCB-1248	< .70	U	.70	1	06/07/04
PCB-1254	< .70	U	.70	1	06/07/04
PCB-1260	< .70	U	.70	1	06/07/04

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	74.		41 - 143
Decachlorobiphenyl (surrogate)	77.		29 - 148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: June 9, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
Project: GM - SPDES Treatment System IRM
Proj. Desc:
Package#: 8023
Sample: E0545
Sample Description: TB-04-4 (18'-20')
Instrument: HP5890-89
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.135.11180
Certification NY No.: 10155

Collected: 06/01/04 Matrix: Solid
Received: 06/01/04 QC Batch: 060204S1
Prepared: 06/02/04 %Solids: 76.6
Sample Size: 30 g
Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
PCB-1016	< .65	U	.65	1	06/07/04	
PCB-1221	< .65	U	.65	1	06/07/04	
PCB-1232	< .65	U	.65	1	06/07/04	
PCB-1242	< .65	U	.65	1	06/07/04	
PCB-1248	< .65	U	.65	1	06/07/04	
PCB-1254	< .65	U	.65	1	06/07/04	
PCB-1260	< .65	U	.65	1	06/07/04	


<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		41-143
Decachlorobiphenyl (surrogate)	93.		29-148

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized:

Date: June 9, 2004


Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM Syracuse, Drainage Swale
 Proj. Desc:
 Package#: 8649
 Sample: E4802
 Sample Description: 6+52-NW
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.106.62301
 Certification NY No.: 10155

Collected: 08/17/04 Matrix: Solid
 Received: 08/17/04 QC Batch: 081804S1
 Prepared: 08/18/04 %Solids: 53.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP, 30m x .53mmID

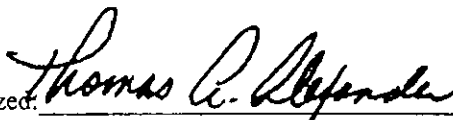
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1.9	U	.25	1.9	2	08/18/04	
PCB-1221	< 1.9	U	.33	1.9	2	08/18/04	
PCB-1232	< 1.9	U	.22	1.9	2	08/18/04	
PCB-1242	< 1.9	U	.16	1.9	2	08/18/04	
PCB-1248	10.		.13	1.9	2	08/18/04	
PCB-1254	< 1.9	U	.076	1.9	2	08/18/04	
PCB-1260	< 1.9	U	.12	1.9	2	08/18/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	25.	#	30-150	38
Decachlorobiphenyl (surrogate)	51.		30-150	38

Notes:

- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: September 9, 2004 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
 Project: GM Syracuse, Drainage Swale
 Proj. Desc:
 Package#: 8649
 Sample: E4802
 Sample Description: 6+52-NW
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.106.62301
 Certification NY No.: 10155

Collected: 08/17/04 Matrix: Solid
 Received: 08/17/04 QC Batch: 081804S1
 Prepared: 08/18/04 %Solids: 53.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP2, 30m x .53mmID

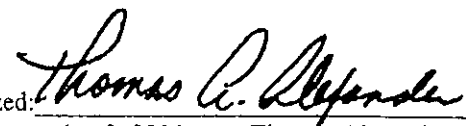
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1.9	U	.25	1.9	2	08/18/04	
PCB-1221	< 1.9	U	.33	1.9	2	08/18/04	
PCB-1232	< 1.9	U	.22	1.9	2	08/18/04	
PCB-1242	< 1.9	U	.16	1.9	2	08/18/04	
PCB-1248	12.		.13	1.9	2	08/18/04	
PCB-1254	< 1.9	U	.076	1.9	2	08/18/04	
PCB-1260	< 1.9	U	.12	1.9	2	08/18/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	28.	#	30-150	38
Decachlorobiphenyl (surrogate)	48.		30-150	38

Notes:

- 38 ; Surrogate was diluted
- 38 ; Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: September 9, 2004 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM Syracuse, Drainage Swale
 Proj. Desc:
 Package#: 8675
 Sample: E 5092
 Sample Description: 7+52-NW
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.106.62301
 Certification NY No.: 10155

Collected: 08/18/04 Matrix: Solid
 Received: 08/18/04 QC Batch: 081904S3
 Prepared: 08/19/04 %Solids: 43.0
 Sample Size: 30 g
 Primary: Y

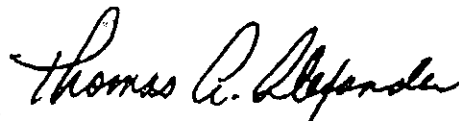
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1.2	U	.16	1.2	1	08/19/04	
PCB-1221	< 1.2	U	.20	1.2	1	08/19/04	
PCB-1232	< 1.2	U	.14	1.2	1	08/19/04	
PCB-1242	< 1.2	U	.10	1.2	1	08/19/04	
PCB-1248	11.	P	.079	1.2	1	08/19/04	
PCB-1254	< 1.2	U	.047	1.2	1	08/19/04	
PCB-1260	< 1.2	U	.077	1.2	1	08/19/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	63.		30 - 150	
Decachlorobiphenyl (surrogate)	62.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: September 9, 2004 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: O'Brien & Gere Engineers, Inc.
 Project: GM Syracuse, Drainage Swale
 Proj. Desc:
 Package#: 8675
 Sample: E5092
 Sample Description: 7+52-NW
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.106.62301
 Certification NY No.: 10155

Collected: 08/18/04 Matrix: Solid
 Received: 08/18/04 QC Batch: 081904S3
 Prepared: 08/19/04 %Solids: 43.0
 Sample Size: 30 g
 Primary: N

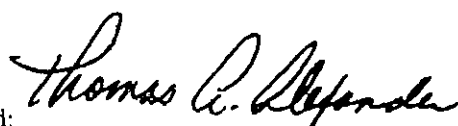
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 1.2	U	.16	1.2	1	08/19/04	
PCB-1221	< 1.2	U	.20	1.2	1	08/19/04	
PCB-1232	< 1.2	U	.14	1.2	1	08/19/04	
PCB-1242	< 1.2	U	.10	1.2	1	08/19/04	
PCB-1248	8.0	P	.079	1.2	1	08/19/04	
PCB-1254	< 1.2	U	.047	1.2	1	08/19/04	
PCB-1260	< 1.2	U	.077	1.2	1	08/19/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	58.		30 - 150	
Decachlorobiphenyl (surrogate)	64.		30 - 150	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: September 9, 2004 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7742
Sample Description: SS-02-05-W3
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435 . 124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 94.0
Sample Size: 30 g
Primary: Y

Column Name: DB-1701, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2.7	U	.36	2.7	5	10/08/04	
PCB-1221	< 2.7	U	.46	2.7	5	10/08/04	
PCB-1232	< 2.7	U	.31	2.7	5	10/08/04	
PCB-1242	< 2.7	U	.23	2.7	5	10/08/04	
PCB-1248	17.	P	.18	2.7	5	10/08/04	6
PCB-1254	< 2.7	U	.11	2.7	5	10/08/04	
PCB-1260	< 2.7	U	.18	2.7	5	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	113.		30-150	38
Decachlorobiphenyl (surrogate)	137.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 2, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7742
 Sample Description: SS-02-05-W3
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 94.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 2.7	U	.36	2.7	5	10/08/04	
PCB-1221	< 2.7	U	.46	2.7	5	10/08/04	
PCB-1232	< 2.7	U	.31	2.7	5	10/08/04	
PCB-1242	< 2.7	U	.23	2.7	5	10/08/04	
PCB-1248	10.		.18	2.7	5	10/08/04	6
PCB-1254	< 2.7	U	.11	2.7	5	10/08/04	
PCB-1260	< 2.7	U	.18	2.7	5	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	102.		30-150	38
Decachlorobiphenyl (surrogate)	109.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7731
 Sample Description: 6+10-BANK-N
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 230.	U	31.	230	400	10/08/04	
PCB-1221	< 230.	U	40.	230	400	10/08/04	
PCB-1232	< 230.	U	27.	230	400	10/08/04	
PCB-1242	< 230.	U	20.	230	400	10/08/04	
PCB-1248	1300.	P	16.	230	400	10/08/04	6
PCB-1254	< 230.	U	9.2	230	400	10/08/04	
PCB-1260	< 230.	U	15.	230	400	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	78.		30-150	38
Decachlorobiphenyl (surrogate)	99.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 2, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E 7731
 Sample Description: 6+10-BANK-N
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

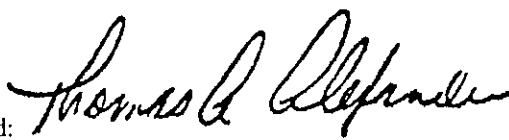
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 230.	U	31.	230	400	10/08/04	
PCB-1221	< 230.	U	40.	230	400	10/08/04	
PCB-1232	< 230.	U	27.	230	400	10/08/04	
PCB-1242	< 230.	U	20.	230	400	10/08/04	
PCB-1248	900.		16.	230	400	10/08/04	6
PCB-1254	< 230.	U	9.2	230	400	10/08/04	
PCB-1260	< 230.	U	15.	230	400	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		30-150	38
Decachlorobiphenyl (surrogate)	97.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7732
Sample Description: 6+10-BANK-S
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 87.0
Sample Size: 30 g
Primary: Y

Column Name: DB-1701, 30m x .53mm ID

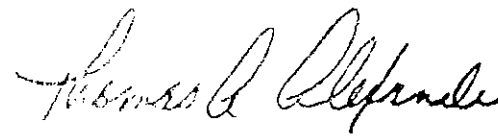
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	3.9	29	50	10/08/04	
PCB-1221	< 29.	U	5.0	29	50	10/08/04	
PCB-1232	< 29.	U	3.3	29	50	10/08/04	
PCB-1242	< 29.	U	2.5	29	50	10/08/04	
PCB-1248	190.	P	1.9	29	50	10/08/04	6
PCB-1254	< 29.	U	1.2	29	50	10/08/04	
PCB-1260	< 29.	U	1.9	29	50	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	79.		30-150	38
Decachlorobiphenyl (surrogate)	102.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.



Authorized: _____
Date: November 2, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E 7732
 Sample Description: 6+10-BANK-S
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	3.9	29	50	10/08/04	
PCB-1221	< 29.	U	5.0	29	50	10/08/04	
PCB-1232	< 29.	U	3.3	29	50	10/08/04	
PCB-1242	< 29.	U	2.5	29	50	10/08/04	
PCB-1248	150.		1.9	29	50	10/08/04	6
PCB-1254	< 29.	U	1.2	29	50	10/08/04	
PCB-1260	< 29.	U	1.9	29	50	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		30-150	38
Decachlorobiphenyl (surrogate)	97.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7733
 Sample Description: 6+10-BANK-W
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 86.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

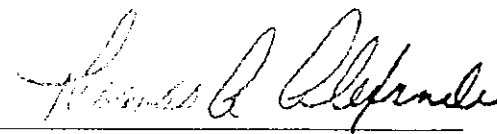
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 58.	U	7.8	58	100	10/08/04	
PCB-1221	< 58.	U	10.	58	100	10/08/04	
PCB-1232	< 58.	U	6.8	58	100	10/08/04	
PCB-1242	< 58.	U	5.0	58	100	10/08/04	
PCB-1248	620.		3.9	58	100	10/08/04	6
PCB-1254	< 58.	U	2.3	58	100	10/08/04	
PCB-1260	< 58.	U	3.8	58	100	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	57.		30-150	38
Decachlorobiphenyl (surrogate)	73.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 11, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E 7733
 Sample Description: 6+10-BANK-W
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 86.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 58.	U	7.8	58	100	10/08/04	
PCB-1221	< 58.	U	10.	58	100	10/08/04	
PCB-1232	< 58.	U	6.8	58	100	10/08/04	
PCB-1242	< 58.	U	5.0	58	100	10/08/04	
PCB-1248	530.		3.9	58	100	10/08/04	6
PCB-1254	< 58.	U	2.3	58	100	10/08/04	
PCB-1260	< 58.	U	3.8	58	100	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	57.		30-150	38
Decachlorobiphenyl (surrogate)	77.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7734
Sample Description: 6+10-BANK-E
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435 . 124 . 62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 91.0
Sample Size: 30 g
Primary: Y

Column Name: DB-1701, 30m x .53mm ID

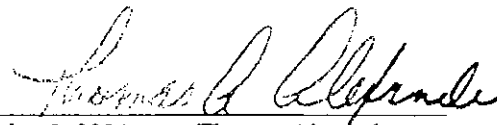
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 27.	U	3.7	27	50	10/08/04	
PCB-1221	< 27.	U	4.7	27	50	10/08/04	
PCB-1232	< 27.	U	3.2	27	50	10/08/04	
PCB-1242	< 27.	U	2.3	27	50	10/08/04	
PCB-1248	160.	P	1.8	27	50	10/08/04	6
PCB-1254	< 27.	U	1.1	27	50	10/08/04	
PCB-1260	< 27.	U	1.8	27	50	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	86.		30-150	38
Decachlorobiphenyl (surrogate)	104.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 2, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E 7734
 Sample Description: 6+10-BANK-E
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 91.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 27.	U	3.7	27	50	10/08/04	
PCB-1221	< 27.	U	4.7	27	50	10/08/04	
PCB-1232	< 27.	U	3.2	27	50	10/08/04	
PCB-1242	< 27.	U	2.3	27	50	10/08/04	
PCB-1248	110.		1.8	27	50	10/08/04	6
PCB-1254	< 27.	U	1.1	27	50	10/08/04	
PCB-1260	< 27.	U	1.8	27	50	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	81.		30-150	38
Decachlorobiphenyl (surrogate)	98.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



Authorized: _____
 Date: November 8, 2004 Thomas Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7735
 Sample Description: 6+10-BANK-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 87.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

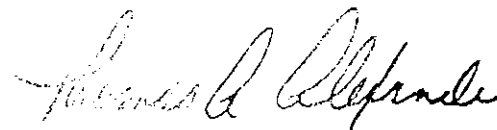
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 320.	U	43.	320	555	10/08/04	
PCB-1221	< 320.	U	55.	320	555	10/08/04	
PCB-1232	< 320.	U	37.	320	555	10/08/04	
PCB-1242	< 320.	U	28.	320	555	10/08/04	
PCB-1248	2700.		22.	320	555	10/08/04	6
PCB-1254	< 320.	U	13.	320	555	10/08/04	
PCB-1260	< 320.	U	21.	320	555	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	126.		30-150	38
Decachlorobiphenyl (surrogate)	<0.0	#	30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 11, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7735
 Sample Description: 6+10-BANK-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 87.0
 Sample Size: 30 g
 Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 320.	U	43.	320	555	10/08/04	
PCB-1221	< 320.	U	55.	320	555	10/08/04	
PCB-1232	< 320.	U	37.	320	555	10/08/04	
PCB-1242	< 320.	U	28.	320	555	10/08/04	
PCB-1248	2300.		22.	320	555	10/08/04	6
PCB-1254	< 320.	U	13.	320	555	10/08/04	
PCB-1260	< 320.	U	21.	320	555	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	85.		30-150	38
Decachlorobiphenyl (surrogate)	95.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.



Authorized: _____
 Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7737
 Sample Description: SM101-N
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 75.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

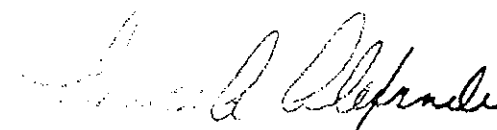
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .66	U	.088	.66	1	10/08/04	
PCB-1221	< .66	U	.11	.66	1	10/08/04	
PCB-1232	< .66	U	.077	.66	1	10/08/04	
PCB-1242	< .66	U	.057	.66	1	10/08/04	
PCB-1248	.080	J P	.045	.66	1	10/08/04	6
PCB-1254	< .66	U	.026	.66	1	10/08/04	
PCB-1260	< .66	U	.043	.66	1	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		30 - 150	
Decachlorobiphenyl (surrogate)	103.		30 - 150	

Notes:

6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 2, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7737
Sample Description: SM101-N
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 75.0
Sample Size: 30 g
Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .66	U	.088	.66	1	10/08/04	
PCB-1221	< .66	U	.11	.66	1	10/08/04	
PCB-1232	< .66	U	.077	.66	1	10/08/04	
PCB-1242	< .66	U	.057	.66	1	10/08/04	
PCB-1248	.058	J	.045	.66	1	10/08/04	6
PCB-1254	< .66	U	.026	.66	1	10/08/04	
PCB-1260	< .66	U	.043	.66	1	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	88.		30-150	
Decachlorobiphenyl (surrogate)	87.		30-150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.



Authorized: _____
Date: November 8, 2004 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 9074

Sample: E 7738

Sample Description: SM101-S

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/07/04

Matrix: Solid

Received: 10/07/04

QC Batch: 100704S2

Prepared: 10/07/04

%Solids: 77.0

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 3.2	U	.44	3.2	5	10/08/04	
PCB-1221	< 3.2	U	.56	3.2	5	10/08/04	
PCB-1232	< 3.2	U	.38	3.2	5	10/08/04	
PCB-1242	< 3.2	U	.28	3.2	5	10/08/04	
PCB-1248	15.	P	.22	3.2	5	10/08/04	
PCB-1254	< 3.2	U	.13	3.2	5	10/08/04	6
PCB-1260	< 3.2	U	.21	3.2	5	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	69.		30-150	38
Decachlorobiphenyl (surrogate)	98.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: November 2, 2004

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7738
Sample Description: SM101-S
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435 . 124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 77.0
Sample Size: 30 g
Primary: N

Column Name: DB-608, 30m x .53mm ID

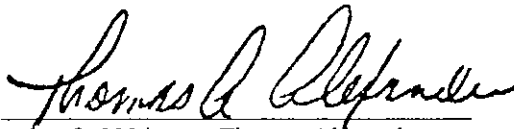
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 3.2	U	.44	3.2	5	10/08/04	
PCB-1221	< 3.2	U	.56	3.2	5	10/08/04	
PCB-1232	< 3.2	U	.38	3.2	5	10/08/04	
PCB-1242	< 3.2	U	.28	3.2	5	10/08/04	
PCB-1248	10.		.22	3.2	5	10/08/04	6
PCB-1254	< 3.2	U	.13	3.2	5	10/08/04	
PCB-1260	< 3.2	U	.21	3.2	5	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	61.		30-150	38
Decachlorobiphenyl (surrogate)	79.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7739
 Sample Description: SM101-W
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 82.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-1701, 30m x .53mm ID

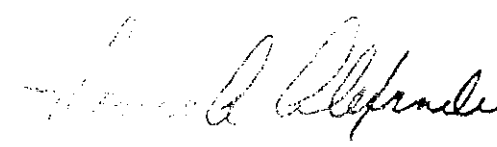
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.082	.61	1	10/08/04	
PCB-1221	< .61	U	.11	.61	1	10/08/04	
PCB-1232	< .61	U	.071	.61	1	10/08/04	
PCB-1242	< .61	U	.053	.61	1	10/08/04	
PCB-1248	.10	J	.041	.61	1	10/08/04	6
PCB-1254	< .61	U	.025	.61	1	10/08/04	
PCB-1260	< .61	U	.040	.61	1	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	53.		30 - 150	
Decachlorobiphenyl (surrogate)	64.		30 - 150	

Notes:

6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: October 11, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7739
Sample Description: SM101-W
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 82.0
Sample Size: 30 g
Primary: N

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.082	.61	1	10/08/04	
PCB-1221	< .61	U	.11	.61	1	10/08/04	
PCB-1232	< .61	U	.071	.61	1	10/08/04	
PCB-1242	< .61	U	.053	.61	1	10/08/04	
PCB-1248	.10	J	.041	.61	1	10/08/04	6
PCB-1254	< .61	U	.025	.61	1	10/08/04	
PCB-1260	< .61	U	.040	.61	1	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	49.		30 - 150	
Decachlorobiphenyl (surrogate)	54.		30 - 150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.



Authorized: _____
Date: November 8, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E 7740
Sample Description: SM101-E
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435 . 124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 86.0
Sample Size: 30 g
Primary: Y

Column Name: DB-1701, 30m x .53mm ID

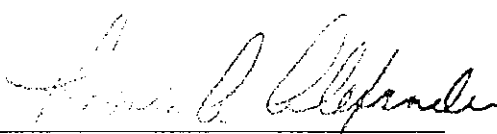
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	3.9	29	50	10/08/04	
PCB-1221	< 29.	U	5.0	29	50	10/08/04	
PCB-1232	< 29.	U	3.4	29	50	10/08/04	
PCB-1242	< 29.	U	2.5	29	50	10/08/04	
PCB-1248	180.	P	2.0	29	50	10/08/04	6
PCB-1254	< 29.	U	1.2	29	50	10/08/04	
PCB-1260	< 29.	U	1.9	29	50	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	82.		30-150	38
Decachlorobiphenyl (surrogate)	104.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 2, 2004 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8082**

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9074
Sample: E7740
Sample Description: SM101-E
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
Received: 10/07/04 QC Batch: 100704S2
Prepared: 10/07/04 %Solids: 86.0
Sample Size: 30 g
Primary: N

Column Name: DB-608, 30m x .53mm ID


Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 29.	U	3.9	29	50	10/08/04	
PCB-1221	< 29.	U	5.0	29	50	10/08/04	
PCB-1232	< 29.	U	3.4	29	50	10/08/04	
PCB-1242	< 29.	U	2.5	29	50	10/08/04	
PCB-1248	120.		2.0	29	50	10/08/04	6
PCB-1254	< 29.	U	1.2	29	50	10/08/04	
PCB-1260	< 29.	U	1.9	29	50	10/08/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	72.		30-150	38
Decachlorobiphenyl (surrogate)	86.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 
Date: November 8, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E 7741
 Sample Description: SM101-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Column Name: DB-608, 30m x .53mm ID

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 72.0
 Sample Size: 30 g
 Primary: Y

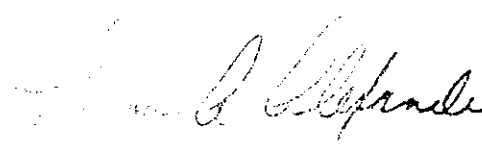
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 14.	U	1.9	14	20	10/15/04	
PCB-1221	< 14.	U	2.4	14	20	10/15/04	
PCB-1232	< 14.	U	1.6	14	20	10/15/04	
PCB-1242	< 14.	U	1.2	14	20	10/15/04	
PCB-1248	73.		.94	14	20	10/15/04	6
PCB-1254	< 14.	U	.56	14	20	10/15/04	
PCB-1260	< 14.	U	.92	14	20	10/15/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	59.		30 - 150	38
Decachlorobiphenyl (surrogate)	64.		30 - 150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: 
 Date: November 2, 2004 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9074
 Sample: E7741
 Sample Description: SM101-F
 Instrument: HP5890-90
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435 . 124 . 62301
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Solid
 Received: 10/07/04 QC Batch: 100704S2
 Prepared: 10/07/04 %Solids: 72.0
 Sample Size: 30 g
 Primary: Y

Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 14.	U	1.9	14	20	10/15/04	
PCB-1221	< 14.	U	2.4	14	20	10/15/04	
PCB-1232	< 14.	U	1.6	14	20	10/15/04	
PCB-1242	< 14.	U	1.2	14	20	10/15/04	
PCB-1248	73.		.94	14	20	10/15/04	6
PCB-1254	< 14.	U	.56	14	20	10/15/04	
PCB-1260	< 14.	U	.92	14	20	10/15/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	59.		30-150	38
Decachlorobiphenyl (surrogate)	64.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted



B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: November 8, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E 7926
 Sample Description: SM101-F2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

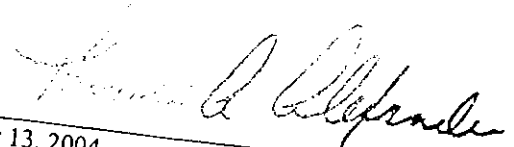
Collected: 10/12/04
 Received: 10/12/04
 Prepared: 10/12/04
 Matrix: Solid
 QC Batch: 101204S4
 %Solids: 74.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .68	U	.091	.68		
PCB-1221	< .68	U	.12	.68	1	10/13/04
PCB-1232	< .68	U	.079	.68	1	10/13/04
PCB-1242	< .68	U	.058	.68	1	10/13/04
PCB-1248	.17		.046	.68	1	10/13/04
PCB-1254	< .68	U	.027	.68	1	10/13/04
PCB-1260	< .68	U	.045	.68	1	10/13/04

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		30-150	
Decachlorobiphenyl (surrogate)	81.		30-150	

Notes:
 6 : Altered aroclor.

Authorized: 
 Date: October 13, 2004

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E 7926
 Sample Description: SM101-F2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/12/04
 Received: 10/12/04
 Prepared: 10/12/04
 Matrix: Solid
 QC Batch: 101204S4
 %Solids: 74.0
 Sample Size: 30 g
 Primary: N

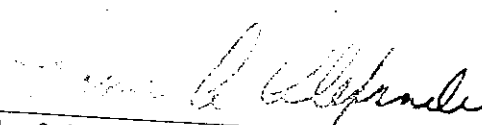
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .68	U	.091	.68	1	10/13/04	
PCB-1221	< .68	U	.12	.68	1	10/13/04	
PCB-1232	< .68	U	.079	.68	1	10/13/04	
PCB-1242	< .68	U	.058	.68	1	10/13/04	
PCB-1248	.16	J	.046	.68	1	10/13/04	
PCB-1254	< .68	U	.027	.68	1	10/13/04	6
PCB-1260	< .68	U	.045	.68	1	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	72.		30 - 150	
Decachlorobiphenyl (surrogate)	83.		30 - 150	

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.

Authorized: 
 Date: November 2, 2004
 Thomas Alexander

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E 7927
 Sample Description: SM101-E2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/12/04 Matrix: Solid
 Received: 10/12/04 QC Batch: 101204S4
 Prepared: 10/12/04 %Solids: 80.0
 Sample Size: 30 g
 Primary: Y


Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.084	.62	1	10/13/04	
PCB-1221	< .62	U	.11	.62	1	10/13/04	
PCB-1232	< .62	U	.073	.62	1	10/13/04	
PCB-1242	< .62	U	.054	.62	1	10/13/04	
PCB-1248	2.1		.042	.62	1	10/13/04	
PCB-1254	< .62	U	.025	.62	1	10/13/04	6
PCB-1260	< .62	U	.041	.62	1	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	97.		30-150	
Decachlorobiphenyl (surrogate)	108.		30-150	

Notes:
 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 13, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 9108

Sample: E7927

Sample Description: SM101-E2

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7

Column Name: RTXCLP, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/12/04

Received: 10/12/04

Prepared: 10/12/04

Matrix: Solid

QC Batch: 101204S4

%Solids: 80.0

Sample Size: 30 g

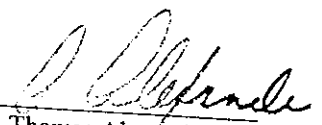
Primary: N

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .62	U	.084	.62			
PCB-1221	< .62	U	.11	.62	1	10/13/04	
PCB-1232	< .62	U	.073	.62	1	10/13/04	
PCB-1242	< .62	U	.054	.62	1	10/13/04	
PCB-1248	2.3		.042	.62	1	10/13/04	
PCB-1254	< .62	U	.025	.62	1	10/13/04	6
PCB-1260	< .62	U	.041	.62	1	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	93.		30 - 150	
Decachlorobiphenyl (surrogate)	108.		30 - 150	

Notes:
 6 : Altered aroclor.
 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: November 2, 2004
 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.

Project: GM - Former Landfill

Proj. Desc:

Package#: 9108

Sample: E7928

Sample Description: 6+10 BANK-F2

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7

Column Name: RTXCLP2, 30m x .53mmID

Job No.: 3435.124.62301

Certification NY No.: 10155

Collected: 10/12/04

Received: 10/12/04

Prepared: 10/12/04

Matrix: Solid

QC Batch: 101204S4

%Solids: 88.0

Sample Size: 30 g

Primary: Y

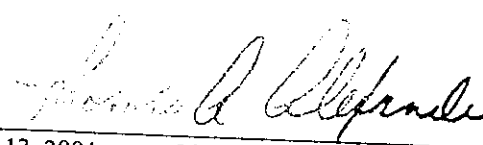
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.5	11			
PCB-1221	< 11.	U	2.0	11	20	10/13/04	
PCB-1232	< 11.	U	1.3	11	20	10/13/04	
PCB-1242	< 11.	U	.98	11	20	10/13/04	
PCB-1248	67.		.77	11	20	10/13/04	
PCB-1254	< 11.	U	.46	11	20	10/13/04	6
PCB-1260	< 11.	U	.75	11	20	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	90.		30-150	38
Decachlorobiphenyl (surrogate)	105.		30-150	38

Notes:

- 6 : Altered aroclor.
- 38 : Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 
Date: October 13, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E 7928
 Sample Description: 6+10 BANK-F2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/12/04
 Received: 10/12/04
 Prepared: 10/12/04
 Matrix: Solid
 QC Batch: 101204S4
 %Solids: 88.0
 Sample Size: 30 g
 Primary: N

Column Name: RTXCLP, 30m x .53mmID

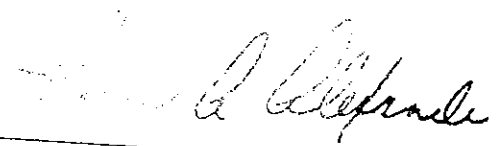
Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< 11.	U	1.5	11	20	10/13/04	
PCB-1221	< 11.	U	2.0	11	20	10/13/04	
PCB-1232	< 11.	U	1.3	11	20	10/13/04	
PCB-1242	< 11.	U	.98	11	20	10/13/04	
PCB-1248	68.		.77	11	20	10/13/04	
PCB-1254	< 11.	U	.46	11	20	10/13/04	6
PCB-1260	< 11.	U	.75	11	20	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	85.		30-150	38
Decachlorobiphenyl (surrogate)	106.		30-150	38

Notes:

- 6 : Altered aroclor.
- 6 : Altered aroclor.
- 38 : Surrogate was diluted
- 38 : Surrogate was diluted

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD>40% between primary and confirmation.

Authorized: 

Date: November 2, 2004

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E 7929
 Sample Description: 6+10 BANK-W2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/12/04
 Received: 10/12/04
 Prepared: 10/12/04
 Matrix: Solid
 QC Batch: 101204S4
 %Solids: 82.0
 Sample Size: 30 g
 Primary: Y

Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.082	.61			
PCB-1221	< .61	U	.11	.61	1	10/13/04	
PCB-1232	< .61	U	.071	.61	1	10/13/04	
PCB-1242	< .61	U	.053	.61	1	10/13/04	
PCB-1248	.20		.041	.61	1	10/13/04	
PCB-1254	< .61	U	.025	.61	1	10/13/04	6
PCB-1260	< .61	U	.040	.61	1	10/13/04	
					1	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		30-150	
Decachlorobiphenyl (surrogate)	89.		30-150	

Notes:
 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD>40% between primary and confirmation.

Authorized: _____
 Date: October 13, 2004

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E7929
 Sample Description: 6+10 BANK-W2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/12/04
 Received: 10/12/04
 Prepared: 10/12/04
 Matrix: Solid
 QC Batch: 101204S4
 %Solids: 82.0
 Sample Size: 30 g
 Primary: N

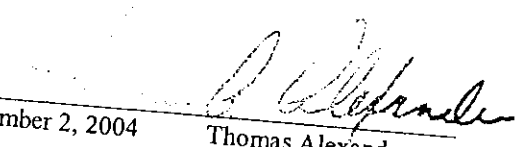
Column Name: RTXCLP, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .61	U	.082	.61	1	10/13/04	
PCB-1221	< .61	U	.11	.61	1	10/13/04	
PCB-1232	< .61	U	.071	.61	1	10/13/04	
PCB-1242	< .61	U	.053	.61	1	10/13/04	
PCB-1248	.24	J	.041	.61	1	10/13/04	
PCB-1254	< .61	U	.025	.61	1	10/13/04	6
PCB-1260	< .61	U	.040	.61	1	10/13/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	72.		30 - 150	
Decachlorobiphenyl (surrogate)	90.		30 - 150	

Notes:
 6 : Altered aroclor.
 6 : Altered aroclor.

B - Analyte detected above the PQL in the associated Prep Blank.
 # - Outside control limits. U - Undetected at the reported level.
 J - Reported value is estimated. D - Result is diluted.
 E - Concentration exceeded the calibration range and is estimated.
 P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: November 2, 2004
 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9108
 Sample: E7930
 Sample Description: 6+10 BANK-S2
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/12/04
 Received: 10/12/04
 Prepared: 10/12/04
 Matrix: Solid
 QC Batch: 101204S4
 %Solids: 77.0
 Sample Size: 30 g
 Primary: Y

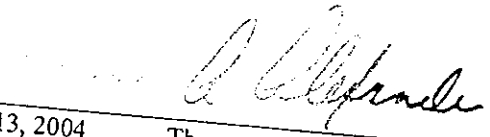
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< .65	U	.087	.65	1	10/13/04
PCB-1221	< .65	U	.11	.65	1	10/13/04
PCB-1232	< .65	U	.076	.65	1	10/13/04
PCB-1242	< .65	U	.056	.65	1	10/13/04
PCB-1248	< .65	U	.044	.65	1	10/13/04
PCB-1254	< .65	U	.026	.65	1	10/13/04
PCB-1260	< .65	U	.043	.65	1	10/13/04

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	97.		30 - 150	
Decachlorobiphenyl (surrogate)	113.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 13, 2004
 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9124
 Sample: E 8017
 Sample Description: 6+10 BANK-F3
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/04 Matrix: Solid
 Received: 10/14/04 QC Batch: 101504S1
 Prepared: 10/15/04 %Solids: 74.0
 Sample Size: 30 g
 Primary: Y

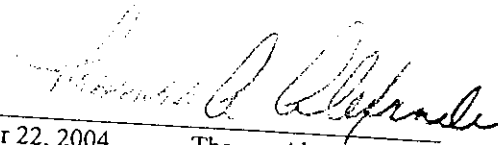
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .68	U	.091	.68			
PCB-1221	< .68	U	.12	.68	1	10/22/04	
PCB-1232	< .68	U	.079	.68	1	10/22/04	
PCB-1242	< .68	U	.058	.68	1	10/22/04	
PCB-1248	< .68	U	.046	.68	1	10/22/04	
PCB-1254	< .68	U	.027	.68	1	10/22/04	
PCB-1260	< .68	U	.045	.68	1	10/22/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	71.		30 - 150	
Decachlorobiphenyl (surrogate)	86.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 22, 2004 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Engineers, Inc.
 Project: GM - Former Landfill
 Proj. Desc:
 Package#: 9124
 Sample: E 8018
 Sample Description: 6+10 BANK-S3
 Instrument: HP5890-89
 Units: mg/Kg Dry weight
 Number of analytes: 7

Job No.: 3435.124.62301
 Certification NY No.: 10155

Collected: 10/14/04
 Received: 10/14/04
 Prepared: 10/15/04
 Matrix: Solid
 QC Batch: 101504S1
 %Solids: 98.0
 Sample Size: 30 g
 Primary: Y

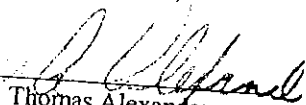
Column Name: RTXCLP2, 30m x .53mmID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed	Notes
PCB-1016	< .51	U	.069	.51	1	10/22/04	
PCB-1221	< .51	U	.088	.51	1	10/22/04	
PCB-1232	< .51	U	.059	.51	1	10/22/04	
PCB-1242	< .51	U	.044	.51	1	10/22/04	
PCB-1248	< .51	U	.035	.51	1	10/22/04	
PCB-1254	< .51	U	.021	.51	1	10/22/04	
PCB-1260	< .51	U	.034	.51	1	10/22/04	

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	85.		30 - 150	
Decachlorobiphenyl (surrogate)	98.		30 - 150	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank.
- # - Outside control limits. U - Undetected at the reported level.
- J - Reported value is estimated. D - Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.
- P - RPD > 40% between primary and confirmation.

Authorized: 
 Date: October 22, 2004
 Thomas Alexander

Client: O'Brien & Gere Engineers, Inc.
Project: GM - Former Landfill
Proj. Desc:
Package#: 9326
Sample: E 9249
Sample Description: TB-02-03A (10'-16')
Instrument: HP5890-90
Units: mg/Kg Dry weight
Number of analytes: 7

Job No.: 3435.124.62301
Certification NY No.: 10155

Collected: 11/10/04
Received: 11/10/04
Prepared: 11/15/04
Matrix: Solid
QC Batch: 111504S2
%Solids: 68.0
Sample Size: 30 g
Primary: Y

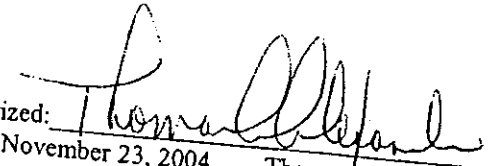
Column Name: DB-608, 30m x .53mm ID

Parameter	Result	Qual	MDL	PQL	Dil	Analyzed Notes
PCB-1016	< 74.	U	9.9	74	100	11/16/04
PCB-1221	< 74.	U	13.	74	100	11/16/04
PCB-1232	< 74.	U	8.6	74	100	11/16/04
PCB-1242	< 74.	U	6.4	74	100	11/16/04
PCB-1248	120.		5.0	74	100	11/16/04
PCB-1254	< 74.	U	3.0	74	100	11/16/04
PCB-1260	< 74.	U	4.9	74	100	11/16/04

Surrogate	%R	Qual	%R Limits	Notes
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	79.		30-150	38
Decachlorobiphenyl (surrogate)	90.		30-150	38

Notes:
38 : Surrogate was diluted
38 : Surrogate was diluted

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD > 40% between primary and confirmation.

Authorized: 
Date: November 23, 2004
Thomas Alexander



LOCATION PLAN
NOT TO SCALE

Record Drawings

FORMER IFG FACILITY SYRACUSE, NEW YORK

FORMER LANDFILL IRM PROJECT

**GENERAL MOTORS CORP.
SYRACUSE, NEW YORK**



Dorris M. Crawford

RECORD DRAWINGS

To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.

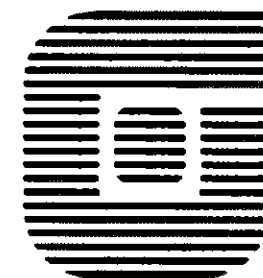
**O'BRIEN & GERE
ENGINEERS, INC.**
By: *Edmund P. Kaban*

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT.

INDEX TO DRAWINGS

- TITLE SHEET
- G-1 PRE-CONSTRUCTION SITE PLAN
- G-2 SUBGRADE GRADING PLAN
- G-3 FINAL HOT SPOTS & SOIL EXCAVATIONS
- G-4 GEOMEMBRANE PLAN
- G-5 FINAL GRADING PLAN
- G-6 FINAL COVER PLAN
- G-7 MISCELLANEOUS DETAILS
- G-8 MISCELLANEOUS DETAILS
- G-9 MISCELLANEOUS DETAILS
- E-1 CONDUIT LAYOUT
- E-2 MISCELLANEOUS DETAILS

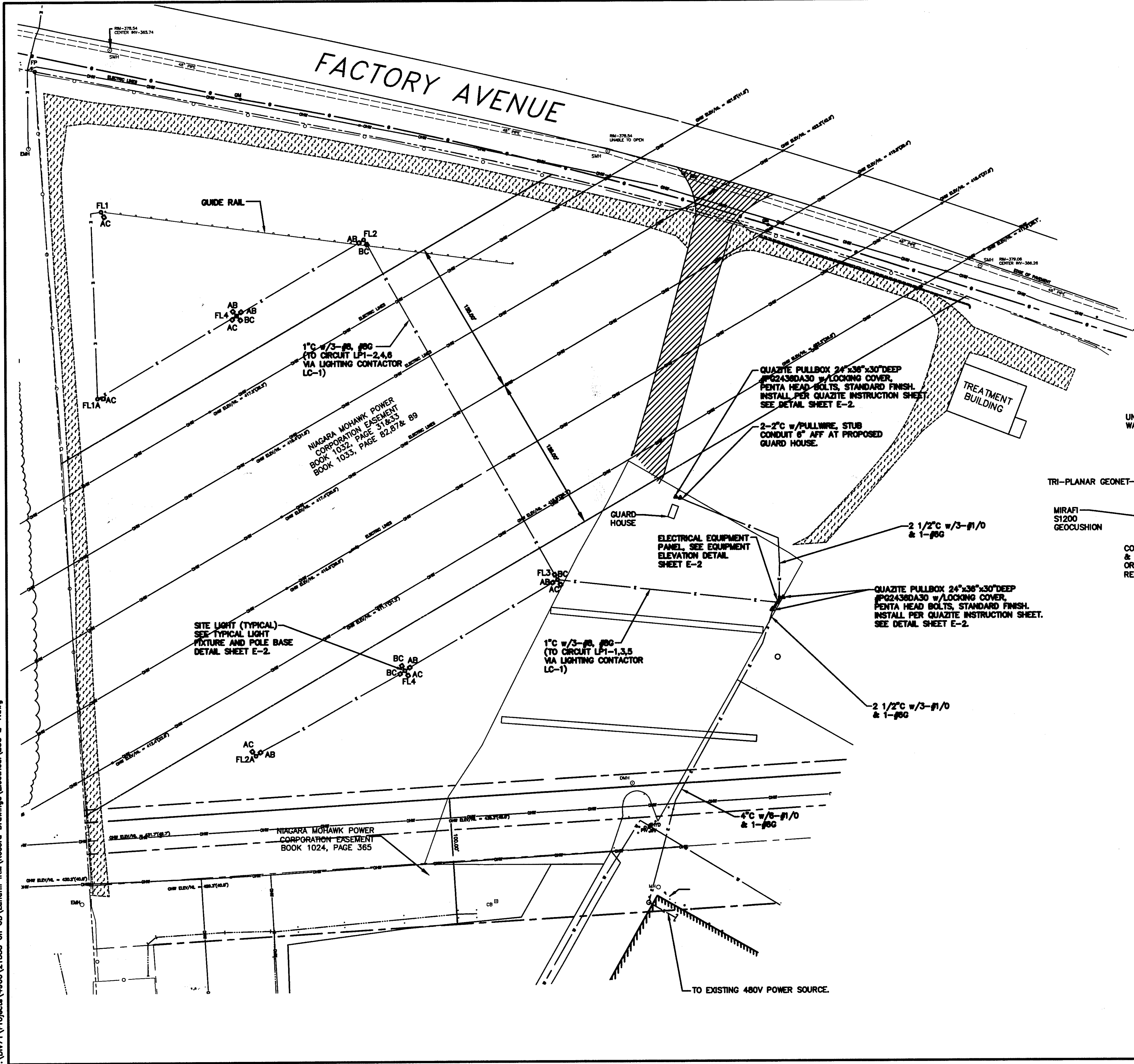
JUNE 2005



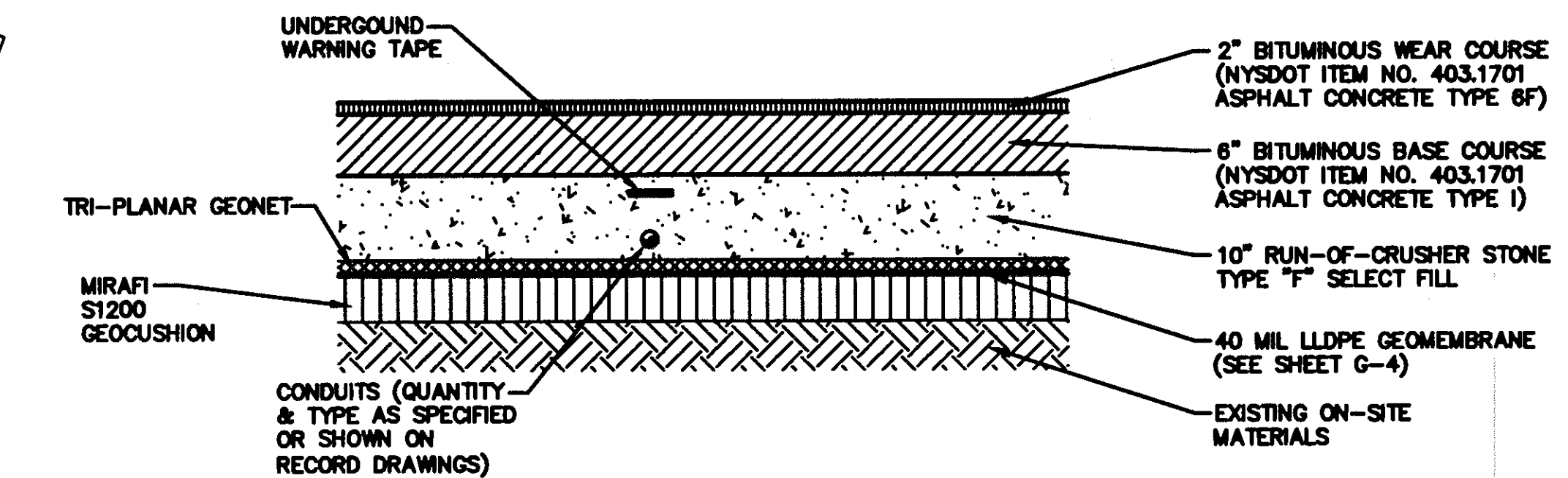
**O'BRIEN & GERE
ENGINEERS, INC.**

Jun 28, 2005 - 10:48am

I:\DW71\Projects\4966\21535 on CD\Landfill IRM\Record Drawings\Electrical\238 E-1.dwg



- GENERAL SITE LIGHTING AND POWER NOTES:**
1. THE CONTRACTOR HAD THE COMPLETE INSTALLATION INSPECTED BY THE NEW YORK BOARD OF FIRE UNDERWRITERS.
 2. ALL BURIED CONDUIT WAS PVC, UNLESS OTHERWISE NOTED. ALL EXPOSED EXPOSED OR CONCEALED CONDUIT LOCATED WITHIN THE BUILDING OR OTHER STRUCTURES WAS RIGID STEEL CONDUIT (RSC).
 3. ALL CONDUIT WAS INSTALLED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
 4. ALL UNDERGROUND CONDUIT WAS INSTALLED A MINIMUM OF 24" BELOW FINAL GRADE WITH PLASTIC MARKER TAPE LOCATED 12" ABOVE THE CONDUIT. WHERE THE LINER WAS PLACED UNDERGROUND CONDUITS WERE RUN IN THE 10-INCH STONE LAYER ABOVE THE LINER WITH PLASTIC MARKER TAPE ABOVE THE CONDUIT AND BELOW THE ASPHALT, WHICH IS APPROXIMATELY 12" FROM FINAL GRADE.
 5. ALL POWER, LIGHTING, BRANCH CIRCUIT, FEEDER, AND OTHER APPROPRIATE CONDUCTORS ARE 90°C, TYPE THHN, COPPER UNLESS OTHERWISE NOTED. MINIMUM SIZE SHALL IS #12.
 6. HOMERUNS SHOWN TO THE BUILDING WERE COORDINATED WITH THE OWNER. ROUTED CONDUITS TO A COMMON AREA PANEL (480 VOLT UNLESS OTHERWISE NOTED). THIS CONTRACTOR INCLUDED BRANCH CIRCUIT BREAKERS, LIGHTING CONTACTORS, AND TIME CLOCKS FOR A COMPLETE OPERATING SYSTEM. A 120 VOLT CONTROL POWER FOR TIME CLOCK AND CONTACTORS FROM LOCAL 120/240 VOLT PANEL WERE OBTAINED.
 7. NIGHT LIGHTS WERE CIRCUITED TO NIGHT LIGHTING CONTACTOR AND CONNECTED TO A TIME CLOCK SUCH THAT FIXTURES ARE ON AT DUSK, OFF AT DAWN. GENERAL LIGHTING FIXTURES WERE CIRCUITED TO GENERAL LIGHTING CONTACTOR(S) SUCH THAT THEY ARE ON AT DUSK, OFF AT PRESET TIME (I.E. 12:00 MIDNIGHT, UNLESS OTHERWISE NOTED). OWNERS MAINTENANCE STAFF WAS TRAINED IN OPERATION OF TIME CLOCK.



RECORD DRAWINGS
To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: *[Signature]*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

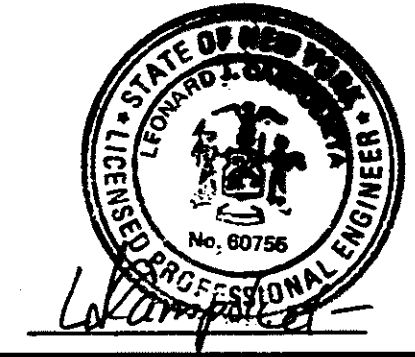
NO.	DATE	REVISION	INIT.
3	6/28/05	RECORD DRAWINGS	
2	5/14/03	MODIFICATION #1	
1	6/28/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	

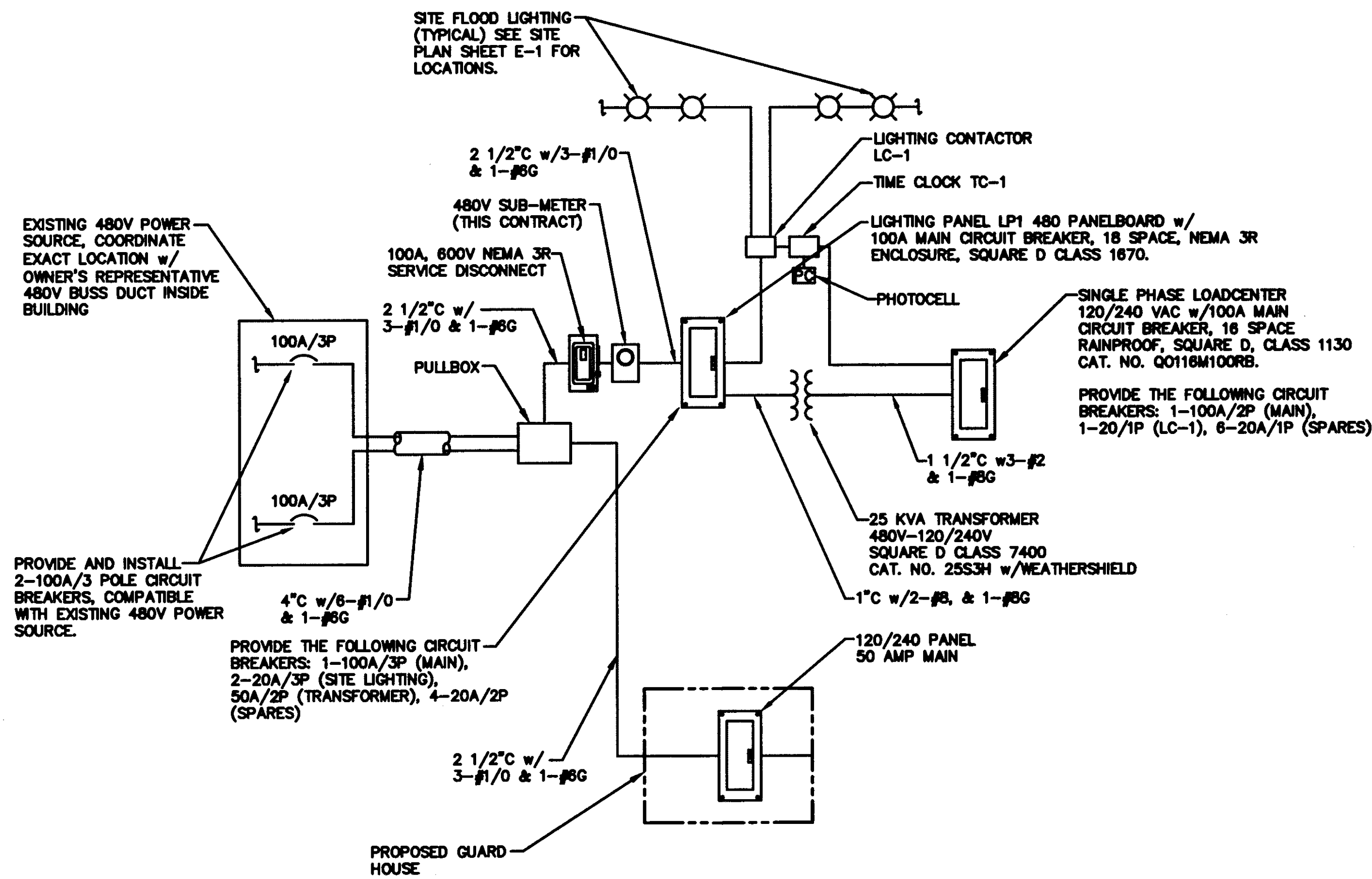


**GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT**

ELECTRICAL
SITE LIGHTING AND POWER PLANS

IN CHARGE OF <i>[Signature]</i>	FILE NO. 4966.21535.238	E-1
DESIGNED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i>	DATE JUNE 2002	
DRAWN BY <i>[Signature]</i>		

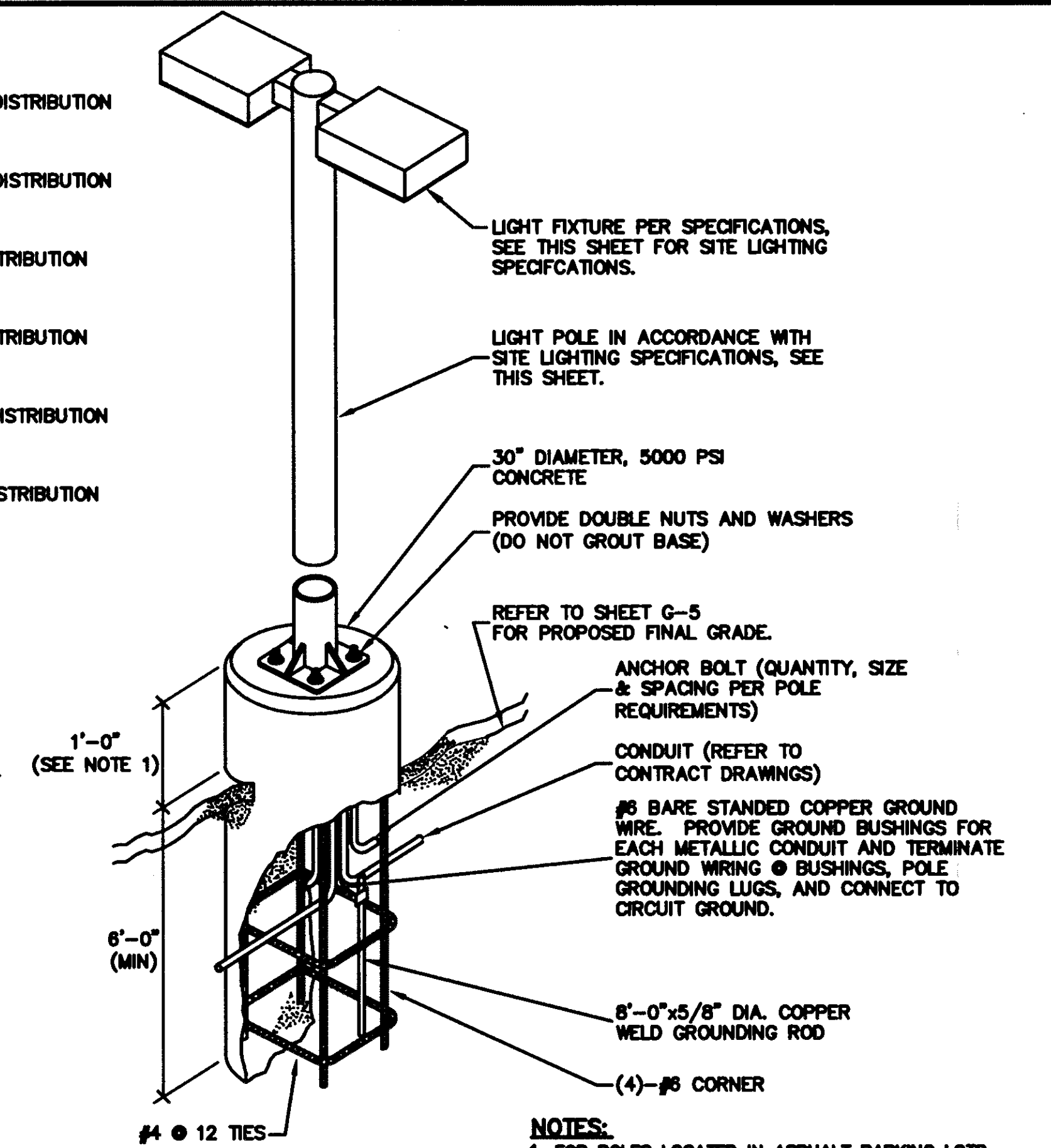
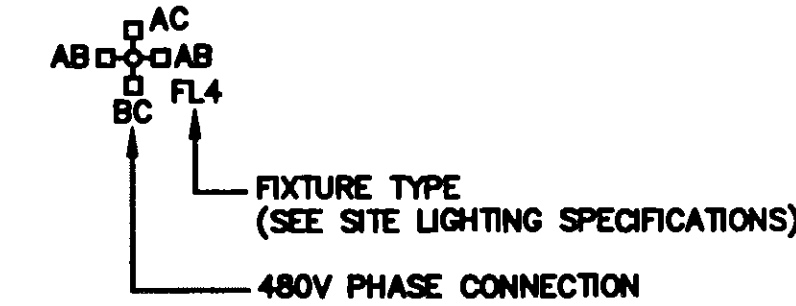




SITE LIGHTING SPECIFICATIONS:

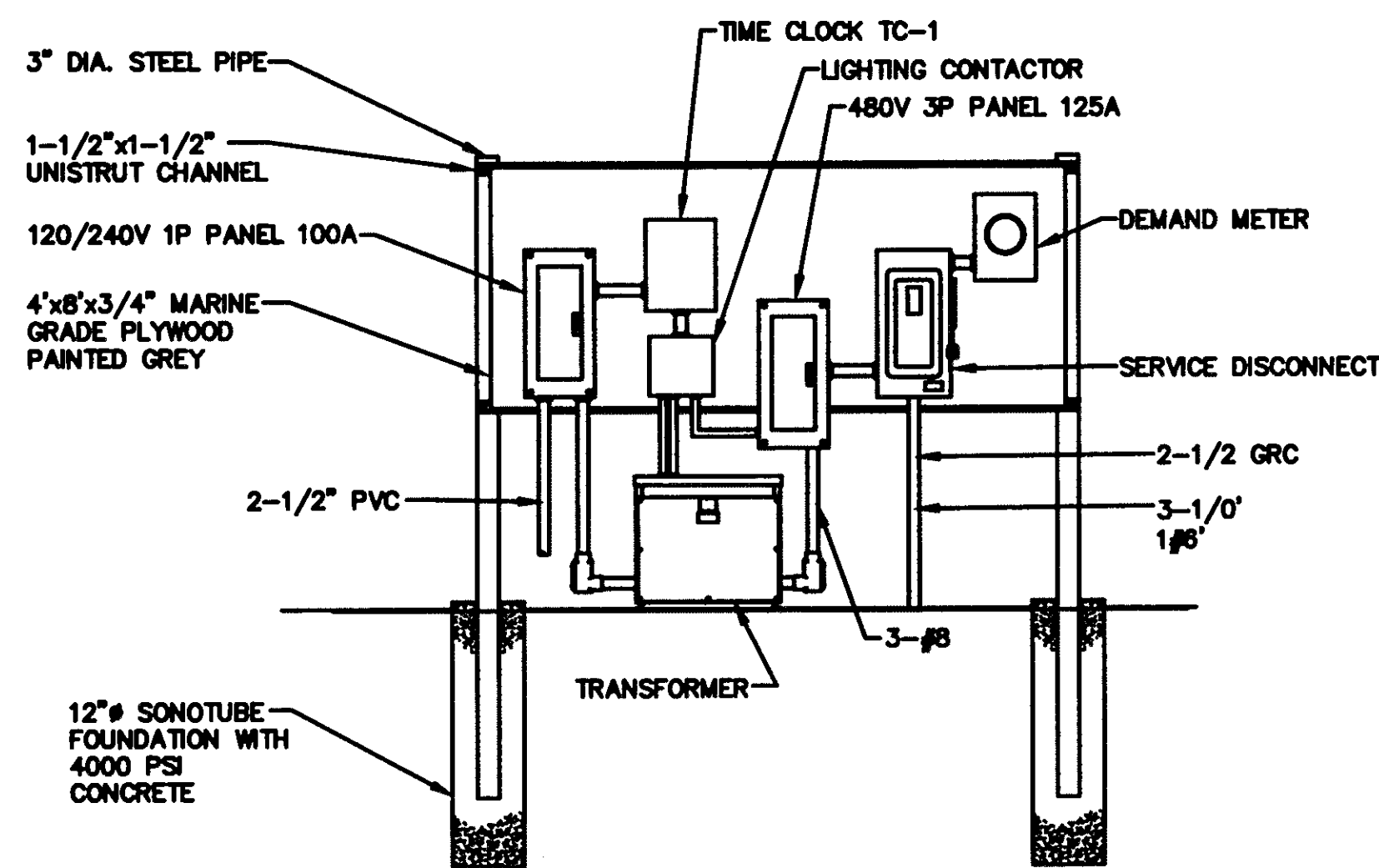
- FL1 SINGLE 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE IS MCGRAW-EDISON GLA-91-2-2-5-FT
- FL1A SINGLE 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE IS MCGRAW-EDISON GLA-91-2-2-5-FT
- FL2 TWO 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE IS MCGRAW-EDISON GLA-91-2-2-5-FT
- FL2A TWO 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE IS MCGRAW-EDISON GLA-91-2-2-5-FT
- FL3 THREE 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE IS MCGRAW-EDISON GLA-91-2-2-5-FT
- FL4 FOUR 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE IS MCGRAW-EDISON GLA-91-2-2-5-FT
- POLE POLE IS ROUND TAPERED STEEL MOUNTING HEIGHT AS SCHEDULED POLE IS COOPER LIGHTING RTS9D39SF (30 FOOT POLE), RTS8A30SF (30 FOOT POLE)
- TC-1 LOCKABLE NEMA 3R TWO CHANNEL TIME CLOCK. PARAGON SUN TRACKER ELECTRONIC LIGHTING CONTROL #EC72ST-N3 OR EQUAL. CIRCUIT NO. 1 IS SETUP FOR ON-DUSK/OFF-DAWN AND CONNECTED TO GENERAL LIGHTING CONTACTORS.
- LC-1 GENERAL USE LIGHTING CONTACTOR. 30 AMP, 4 POLE, NEMA 4X STAINLESS STEEL ENCLOSURE, ELECTRICALLY HELD. SQUARE D CLASS 8903, TYPE LW60V02.

LEGEND

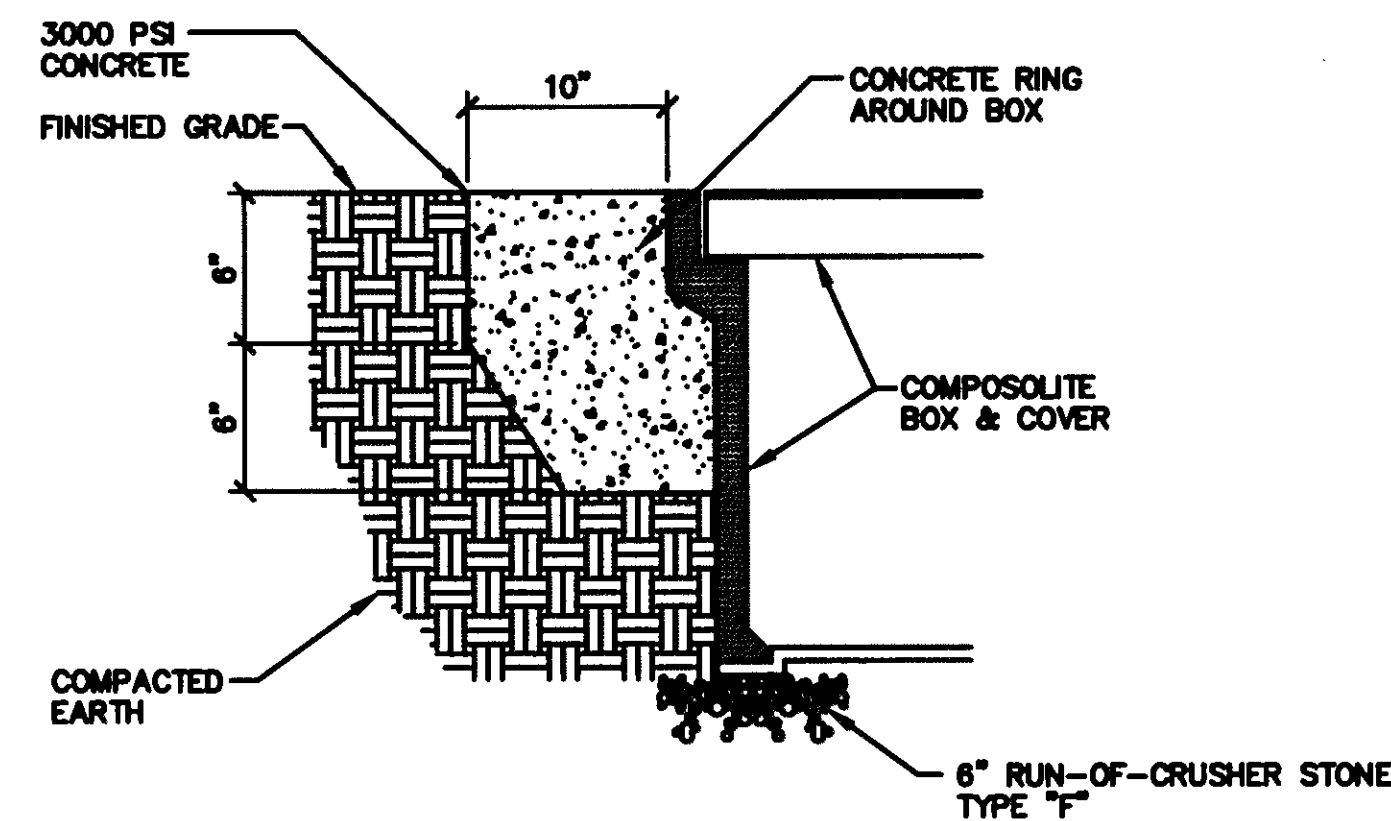


- NOTES:**
- FOR POLES LOCATED IN ASPHALT PARKING LOTS, INCREASE EXPOSED DIMENSION TO 30".
 - FOR POLES THAT PENETRATE THE 40 MIL LLDFE GEOMEMBRANE, SEE SHEET G-6 FOR TYPICAL FLEXIBLE MEMBRANE COVER PENETRATION BOOT DETAIL.

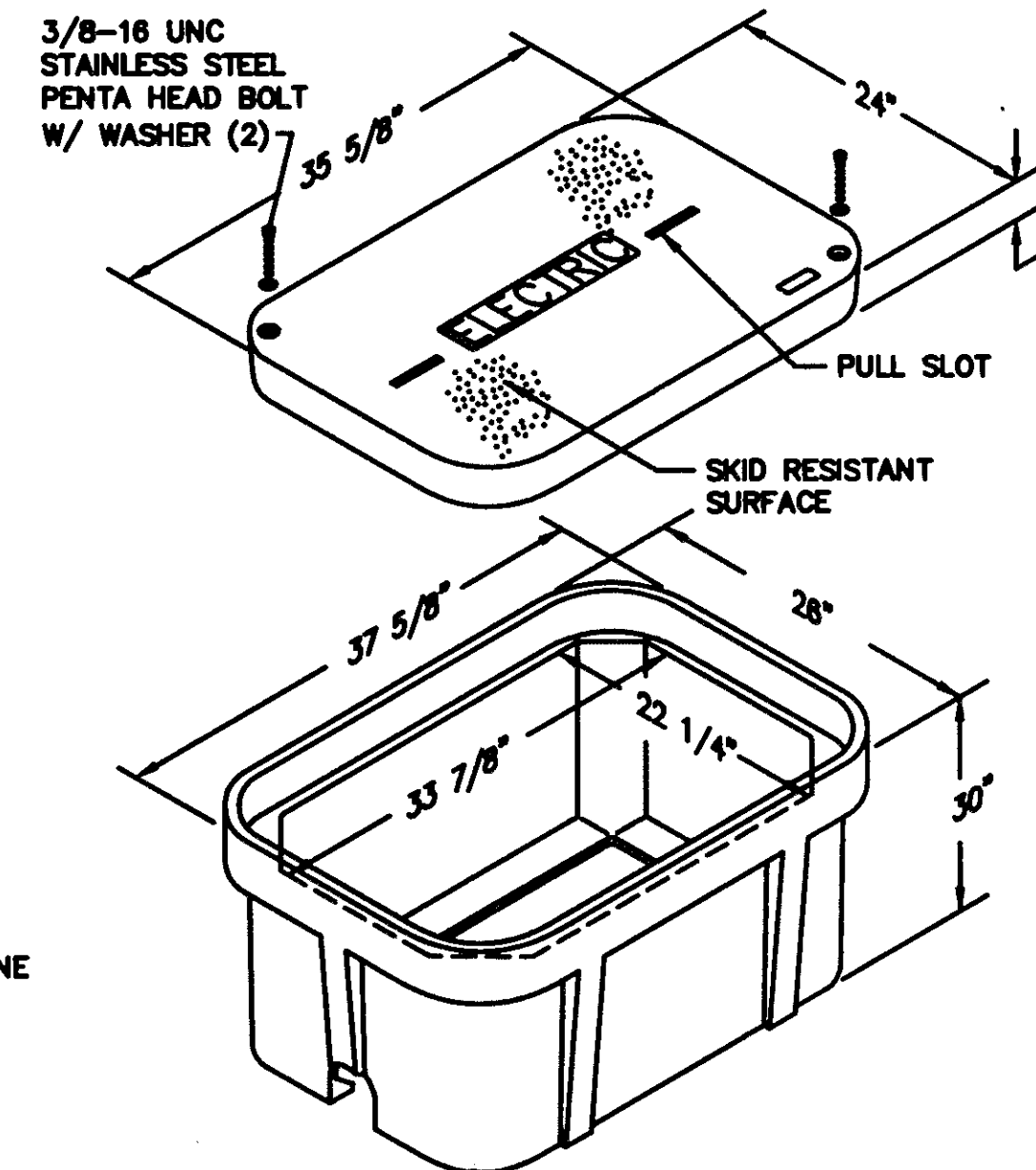
TYPICAL FLOOD LIGHT FIXTURE & POLE BASE DETAIL
NOT TO SCALE



ELECTRICAL EQUIPMENT ELEVATION
NOT TO SCALE



POLYMER CONCRETE PULLBOX INSTALLATION DETAIL
NOT TO SCALE



- NOTE:**
- ALL PULLBOX COVER BOLTS SHALL BE VANDAL RESISTANT PENTA HEAD TYPE.

POWER PULLBOX (POLYMER CONCRETE)
POLYMER CONCRETE PULLBOXES SHALL INCLUDE BOTTOM BASE AND SHALL BE STRONGWELL/QUAZITE TYPE PG2436DA30

PULLBOX DETAIL
NOT TO SCALE

RECORD DRAWINGS

To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: *Edmund B. Kahan*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



NO.	DATE	REVISION	INT.
3	6/28/05	RECORD DRAWINGS	
2	5/14/03	MODIFICATION #1	
1	6/26/01	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	

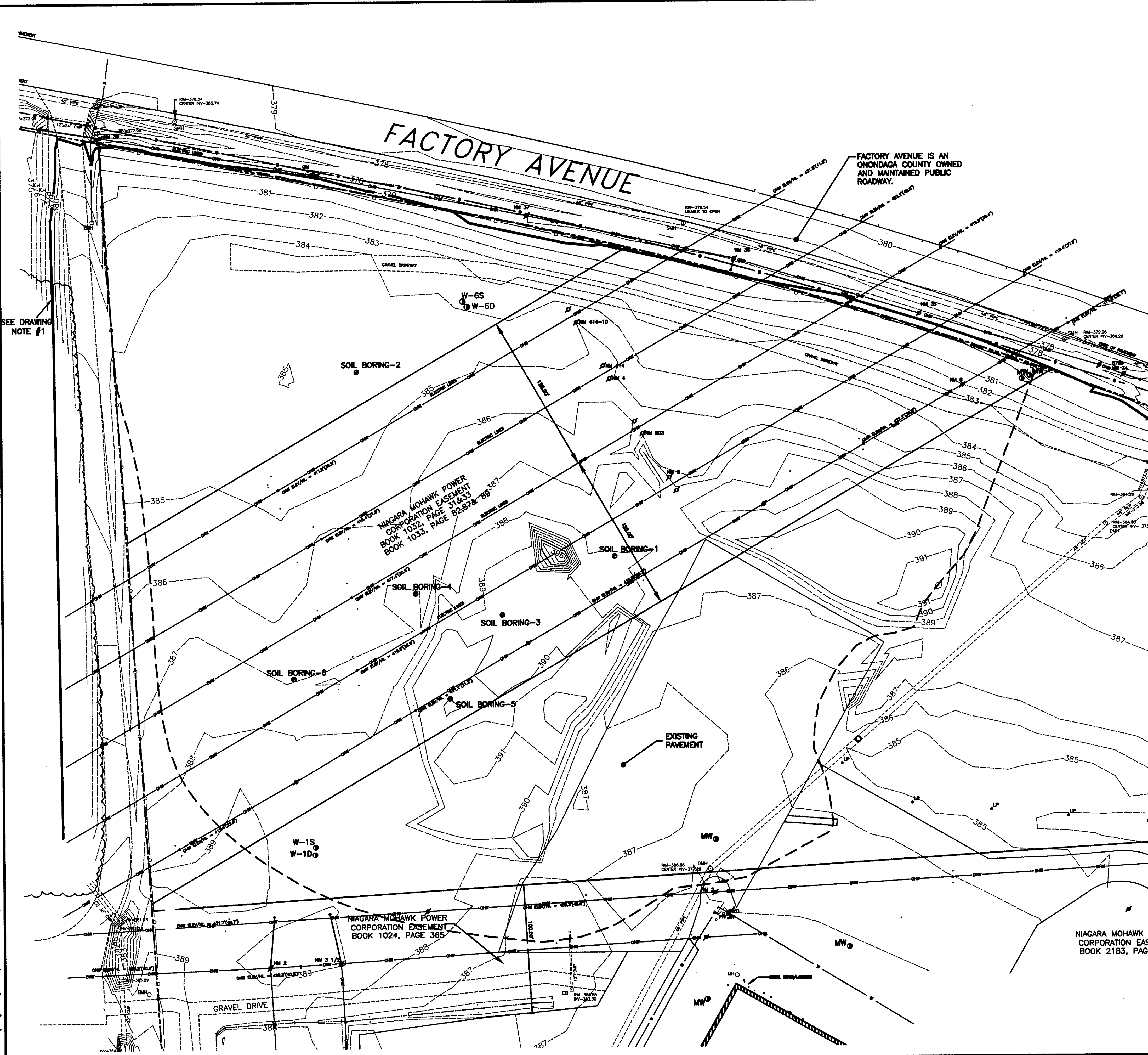
NOT TO SCALE



GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT

ELECTRICAL
POWER SYSTEM ONE-LINE AND DETAILS

IN CHARGE OF <i>J. Chen</i>	FILE NO. 4966.21535.241	E-2
DESIGNED BY <i>See</i> CHECKED BY <i>See</i>	DATE	
DRAWN BY <i>See</i>	JUNE 2002	



- DRAWING NOTES:**
- 100 YEAR AND 500 YEAR FLOODPLAIN BOUNDARY WAS DETERMINED FROM FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD BOUNDARY AND FLOODWAY MAP. (AUGUST 16, 1982)
- SURVEY NOTES:**
- SURVEY MAPPING ADOPTED FROM TOPOGRAPHIC SURVEY MAP PREPARED BY C.T.MALE ASSOCIATES, P.C., 300 GATEWAY PARK DRIVE, P.O. BOX 3248, SYRACUSE, N.Y. 13220. JUNE 11, 2001.
 - NORTH ORIENTATION IS BASED ON THE CENTRAL ZONE OF NEW YORK STATE PLANE COORDINATE SYSTEM AS ESTABLISHED BY DIFFERENTIAL G.P.S. METHODS.
 - VERTICAL DATUM IS BASED ON N.G.V.D 1929

LEGEND

-OHW-	OVERHEAD WIRES
GM _o	GAS MARKER
-o-	GAS LINE
MW _o	MONITORING WELL
LP _o	LIGHT POLE
⊕	UTILITY POLE
387.88	EXISTING SPOT ELEVATION
---387---	EXISTING ELEVATION CONTOUR
- - - -	HISTORICAL LANDFILL LIMITS
— — — —	100 YEAR AND 500 YEAR FLOODPLAIN BOUNDARY
●	SOIL BORING (5/01)
—	WATER LINE
—	ELECTRIC UTILITY
- - - -	PROPERTY BOUNDARY
36" R ₉₀ DMH	SEWER/MANHOLE

RECORD DRAWINGS
 To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
 By: *Edwin P. Kohn*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

NIAGARA MOHAWK P-CORPORATION EASE BOOK 2183, PAGE



NO.	DATE	REVISION	INIT.
2	6/28/05	RECORD DRAWINGS	<i>DK</i>
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	

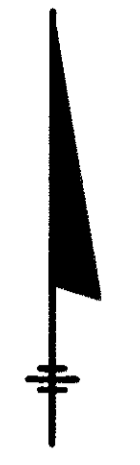
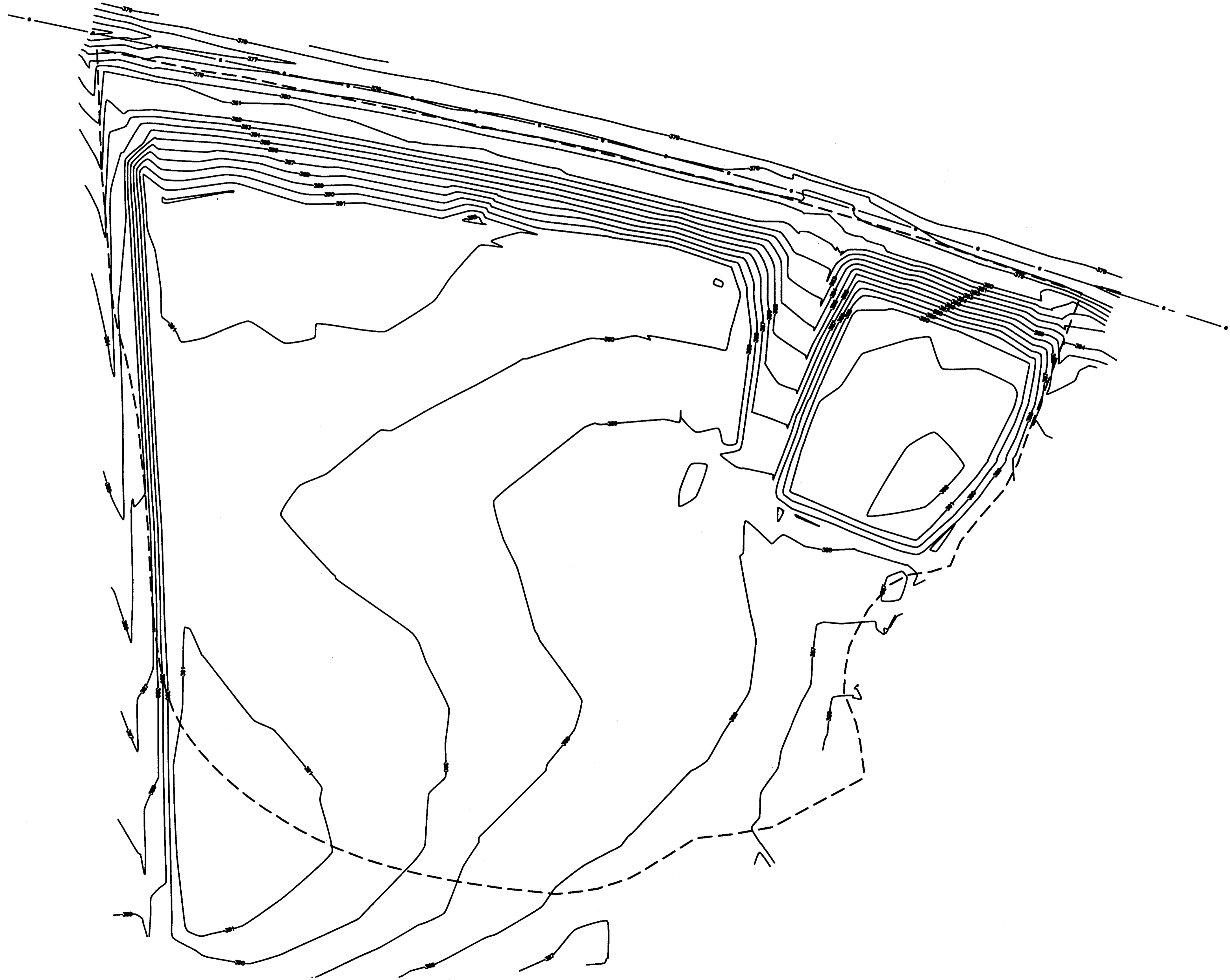


**GENERAL MOTORS - FORMER IFG FACILITY
 SYRACUSE, NEW YORK
 FORMER LANDFILL IRM PROJECT**

GENERAL

PRE-CONSTRUCTION SITE PLAN

IN CHARGE OF <i>Amey</i>	FILE NO. 4966.21535.219	G-1
DESIGNED BY <i>BAK</i> CHECKED BY <i>EBR</i>	DATE AUGUST 2001	
DRAWN BY <i>NMJ</i>		



LEGEND

- HISTORICAL LANDFILL LIMITS
- 378 — FINAL SUBGRADE ELEVATION CONTOUR
- G — GAS LINE

SURVEY NOTE:

1. FINAL SUBGRADE CONTOUR SURVEY MAPPING ADOPTED FROM RECORD SURVEY PREPARED BY C.T. MALE ASSOCIATES, DATED NOVEMBER 3, 2003 AND SUBSEQUENT REVISIONS.
2. NORTH ORIENTATION BASED ON NAD 1983.
3. ELEVATIONS SHOWN HEREON BASED ON NYVD 1929 DATUM.

RECORD DRAWINGS

To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.

O'BRIEN & GERE ENGINEERS, INC.
By: *[Signature]*

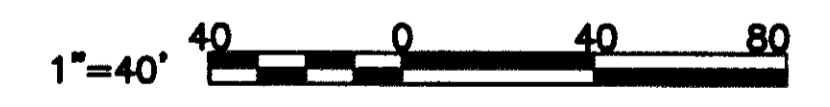
THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



[Signature]

NO.	DATE	REVISION	INIT.
3	6/28/05	RECORD DRAWINGS	<i>[Signature]</i>
2	5/12/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	

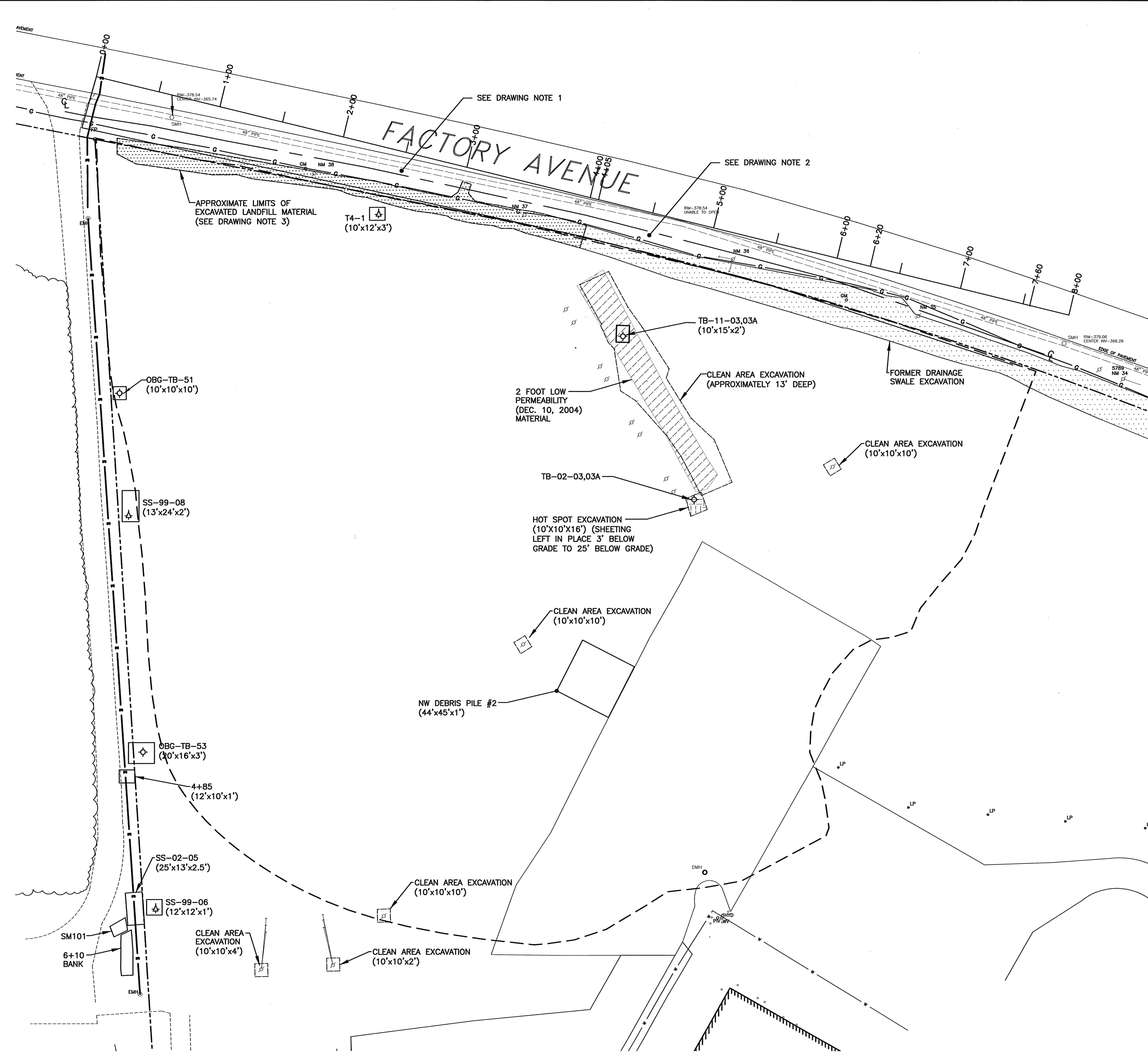


**GENERAL MOTORS – FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT**

GENERAL

FINAL SUBGRADE GRADING PLAN

IN CHARGE OF <i>[Signature]</i>	FILE NO. 4966.21535.220	G-2
DESIGNED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i>	DATE AUGUST 2001	
DRAWN BY <i>[Signature]</i>		



DRAWING NOTES:

1. FOR THE AREA WITHIN THE LIMITS OF DITCH RESTORATION BETWEEN STATIONS 0+00 TO 4+05 AND FROM 6+20 TO 7+60, A MINIMUM OF ONE FOOT OF SOIL WAS EXCAVATED AND CONSOLIDATED WITHIN THE LIMITS OF THE LOW PERMEABILITY COVER SYSTEM AS DEPICTED ON SHEET G-5. THESE AREAS WERE RESTORED AS SHOWN ON THE "DITCH RESTORATION DETAIL" ON SHEET G-7 TO MEET FINAL GRADES.
2. FOR THE AREA WITHIN THE LIMITS OF DITCH RESTORATION, BETWEEN 4+05 AND 6+20, THE FIRST FOOT OF SOIL WAS EXCAVATED AND TRANSPORTED OFF-SITE IN ACCORDANCE WITH THE IRM WORK PLAN. THIS AREA WAS A SURFACE SOIL HOT SPOT.
3. THE EXCAVATION AREA IS WHERE LANDFILL MATERIAL WAS EXCAVATED AND CONSOLIDATED WITHIN THE LIMITS OF THE LOW PERMEABILITY COVER SYSTEM IN ADDITION TO THE WORK DESCRIBED IN DRAWING NOTE 1.

LEGEND

- GM₆ GAS MARKER
- G - GAS LINE
- LP LIGHT POLE
- U UTILITY POLE
- - - HISTORICAL LANDFILL LIMITS
- W WATER LINE
- SS-99-06 SURFACE SOIL SAMPLE LOCATION
- OBG-TB-53 SOIL BORING
- AREA OF SOIL EXCAVATED AND DISPOSED OF OFF SITE (BASED ON FIELD MEASUREMENTS)
- 0+00 STATIONING
- CL CENTER LINE OF DITCH
- 48" PIPE 48" SEWERLINE

RECORD DRAWINGS

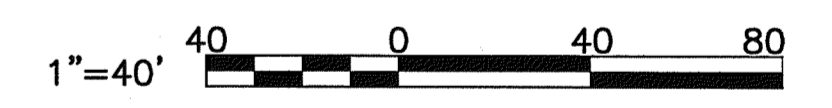
To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
 By: *Edmund E. Kaban*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



NO.	DATE	REVISION	INIT.
2	11/1/06	REVISED RECORD DRAWINGS	<i>Dme</i>
1	6/28/05	RECORD DRAWINGS	
0	6/26/02	ISSUED FOR CONSTRUCTION	



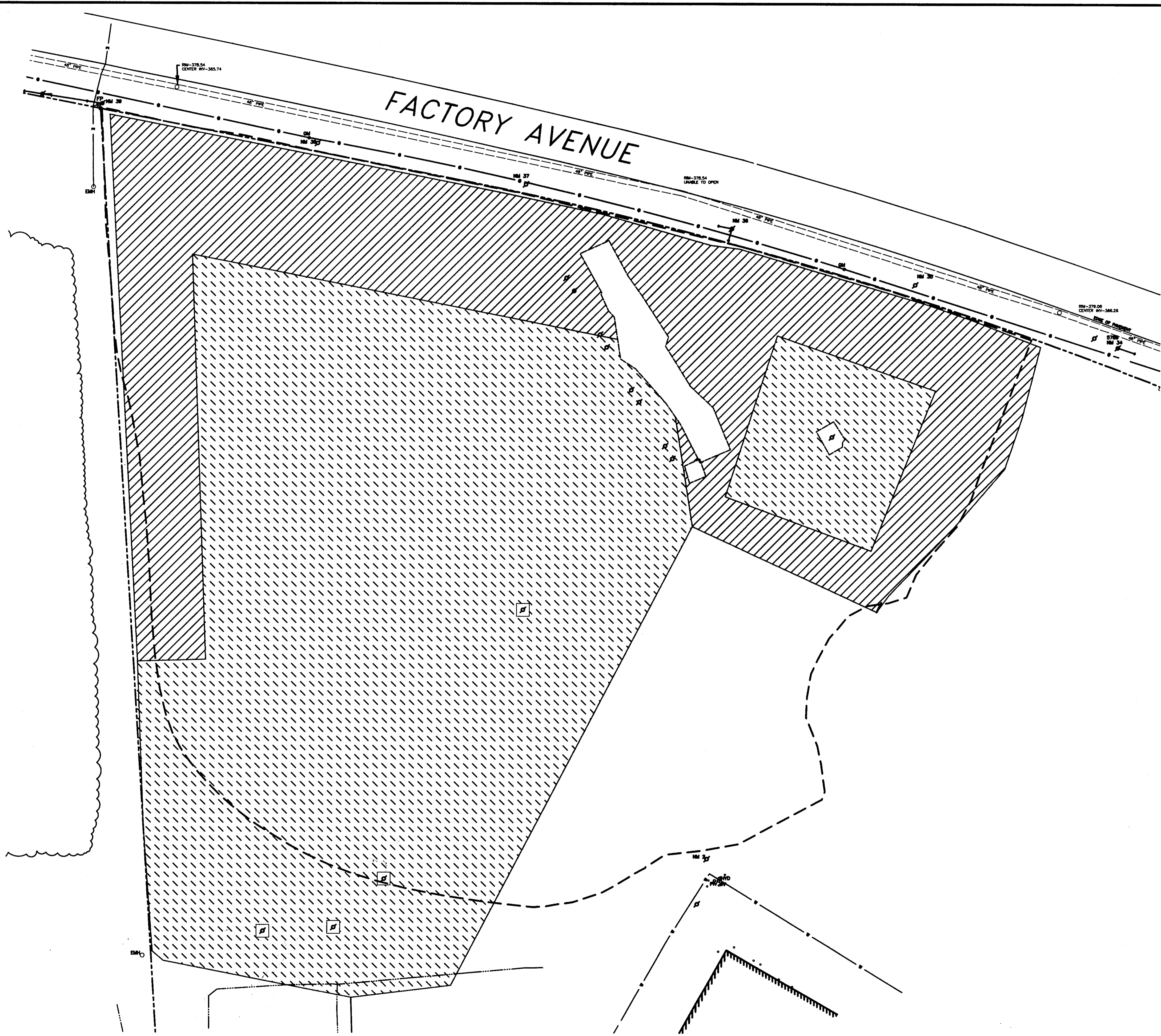
**GENERAL MOTORS - FORMER IFG FACILITY
 SYRACUSE, NEW YORK
 FORMER LANDFILL IRM PROJECT**

**GENERAL
 SOIL EXCAVATION &
 OFF-SITE DISPOSAL PLAN**






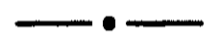


IN CHARGE OF <i>D. Crampford</i>	FILE NO. 4966.21535.300	G-3
DESIGNED BY <i>BAK</i> CHECKED BY <i>EBR</i>	DATE	
DRAWN BY <i>NMS</i>	APRIL 2002	

Jun 28, 2005 1:33pm

I:\DM71\Projects\4966\21535 on CD\Landfill IRM\Record Drawings\General\221 GA.dwg



LEGEND

-  SMOOTH 40 MIL LLDPE GEOMEMBRANE
-  TEXTURED 40 MIL LLDPE GEOMEMBRANE
-  HISTORICAL LANDFILL LIMITS
-  POWER POLE
-  PROPERTY LINE
-  GAS LINE
-  ELECTRICAL MANHOLE
-  48" SEWERLINE

RECORD DRAWINGS

To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.

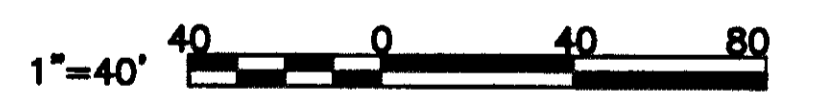
O'BRIEN & GERE ENGINEERS, INC.
By: *Edwin B. Kichler*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



NO.	DATE	REVISION	INIT.
3	6/28/05	RECORD DRAWINGS	<i>One</i>
2	5/12/03	MODIFICATION #1	
1	6/28/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	

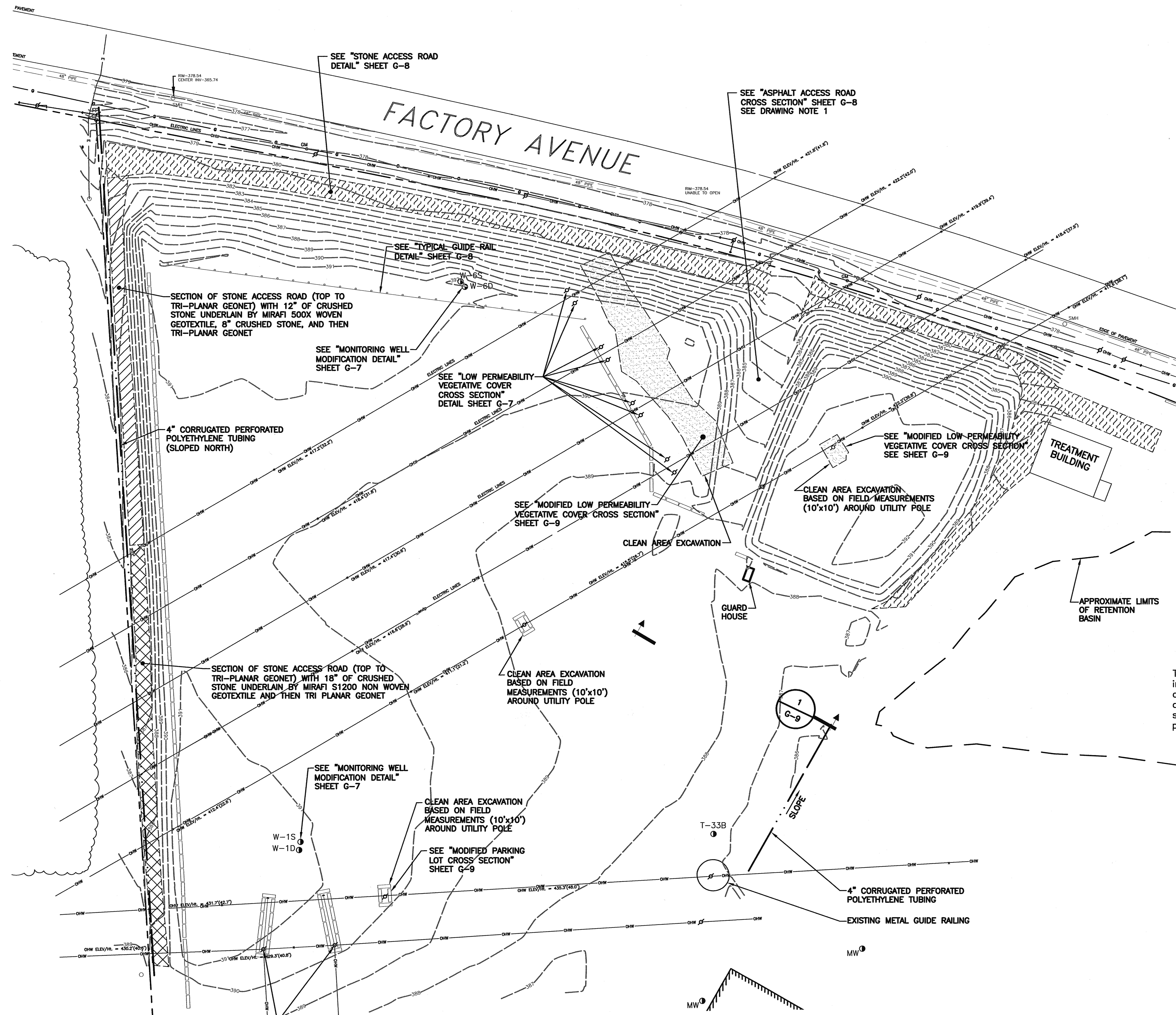


GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT

GENERAL

GEOMEMBRANE PLAN

IN CHARGE OF <i>Amayd</i>	FILE NO. 4966.21535.221	G-4
DESIGNED BY <i>BK</i> CHECKED BY <i>EBK</i>	DATE AUGUST 2001	
DRAWN BY <i>AMW</i>		



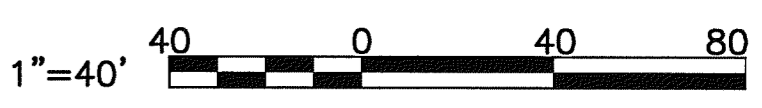
- DRAWING NOTES:**
1. A MINIMUM OF 2 FEET OF TYPE "B" CRUSHED STONE WAS INSTALLED BELOW THE ASPHALT ACCESS ROAD AT THE TERMINATION POINT OF THE TRI-PLANAR GEONET TO ALLOW THE TRI-PLANAR GEONET TO DRAIN FREELY. THE TYPE "B" CRUSHED STONE WAS EXTENDED TO A MINIMUM OF TWO FEET PAST THE GAS LINE TOWARDS FACTORY AVENUE.
- SURVEY NOTE:**
1. PLAN HERE SUPERSEDED REFER TO ROYAL ENVIRONMENTAL, INC. "LANDFILL RECORD SURVEY" PREPARED BY CT MALE ASSOCIATES, P.C. SHEET 1 DATED: JANUARY 13, 2005 REVISED: (SEE AS-BUILT FOR DATES) REV 1-4.
 2. NORTH ORIENTATION BASED ON NAD 1983.
 3. ELEVATIONS SHOWN HEREON BASED ON NVGD 1929 DATUM.

LEGEND

— G —	GAS LINE
— E —	ELECTRICAL LINE
— 4" —	4" CORRUGATED PERFORATED POLYETHYLENE TUBING
[Hatched Box]	STONE ACCESS ROAD
— C —	CORRUGATED BEAM GUIDE RAILING
● W-1S	EXISTING MONITORING WELL
⚡	POWER POLE
[Dashed Box]	CONCRETE BARRIERS
— 392 —	FINAL ELEVATION CONTOURS
— OW —	OVERHEAD WIRES

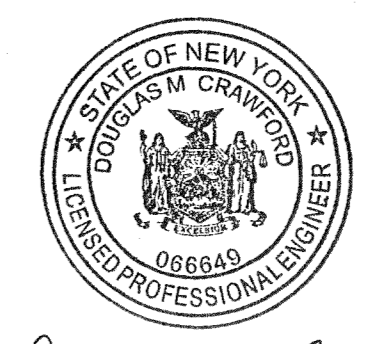
RECORD DRAWINGS
 To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
 By: *Edward Kolon*

NO.	DATE	REVISION	INIT.
4	11/1/06	REVISED RECORD DRAWINGS	<i>DK</i>
3	6/28/05	RECORD DRAWINGS	
2	5/12/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	



THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



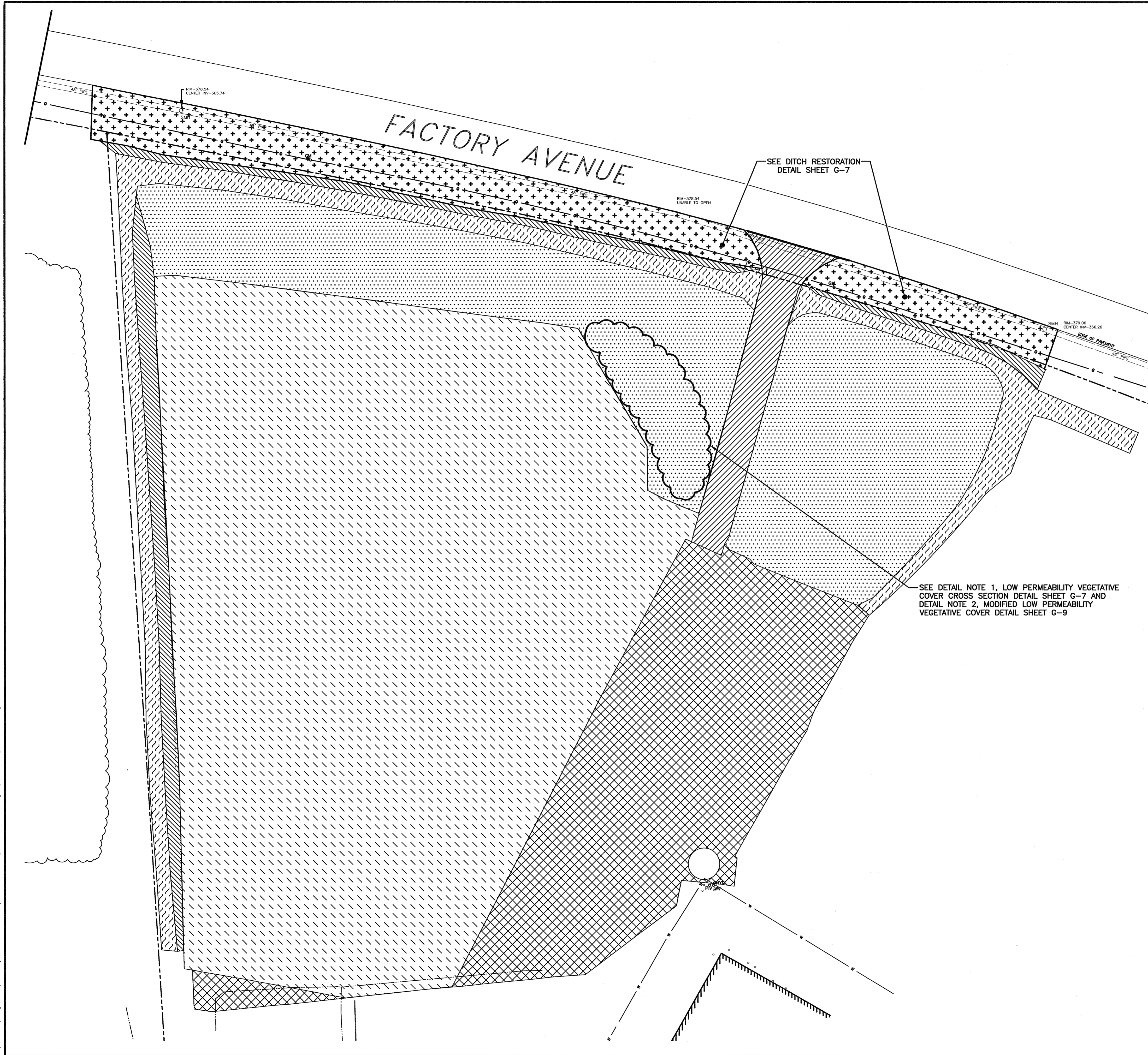
O'BRIEN & GERE ENGINEERS, INC.

**GENERAL MOTORS – FORMER IFG FACILITY
 SYRACUSE, NEW YORK
 FORMER LANDFILL IRM PROJECT**

GENERAL

FINAL GRADING PLAN

IN CHARGE OF <i>DM</i>	FILE NO. 4966.21535.222	G-5
DESIGNED BY <i>BAK</i> CHECKED BY <i>EBR</i>	DATE	
DRAWN BY <i>NM</i>	AUGUST 2001	



LEGEND

- PARKING LOT RESURFACING/ADDITION
- ASPHALT ACCESS ROAD
- STONE ACCESS ROAD
- ASPHALT PARKING LOT
- LOW PERMEABILITY VEGETATIVE COVER
- 12" VEGETATIVE SOIL COVER
- FINE RIP-RAP LIMITS
- PROPERTY LINE

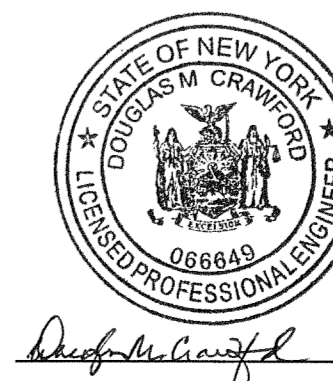
4	11/1/06	REVISED RECORD DRAWINGS	
3	6/28/05	RECORD DRAWINGS	
2	5/12/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	
NO.	DATE	REVISION	INIT.

RECORD DRAWINGS
 To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
 By: *Edmund B. Geronzi*



THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

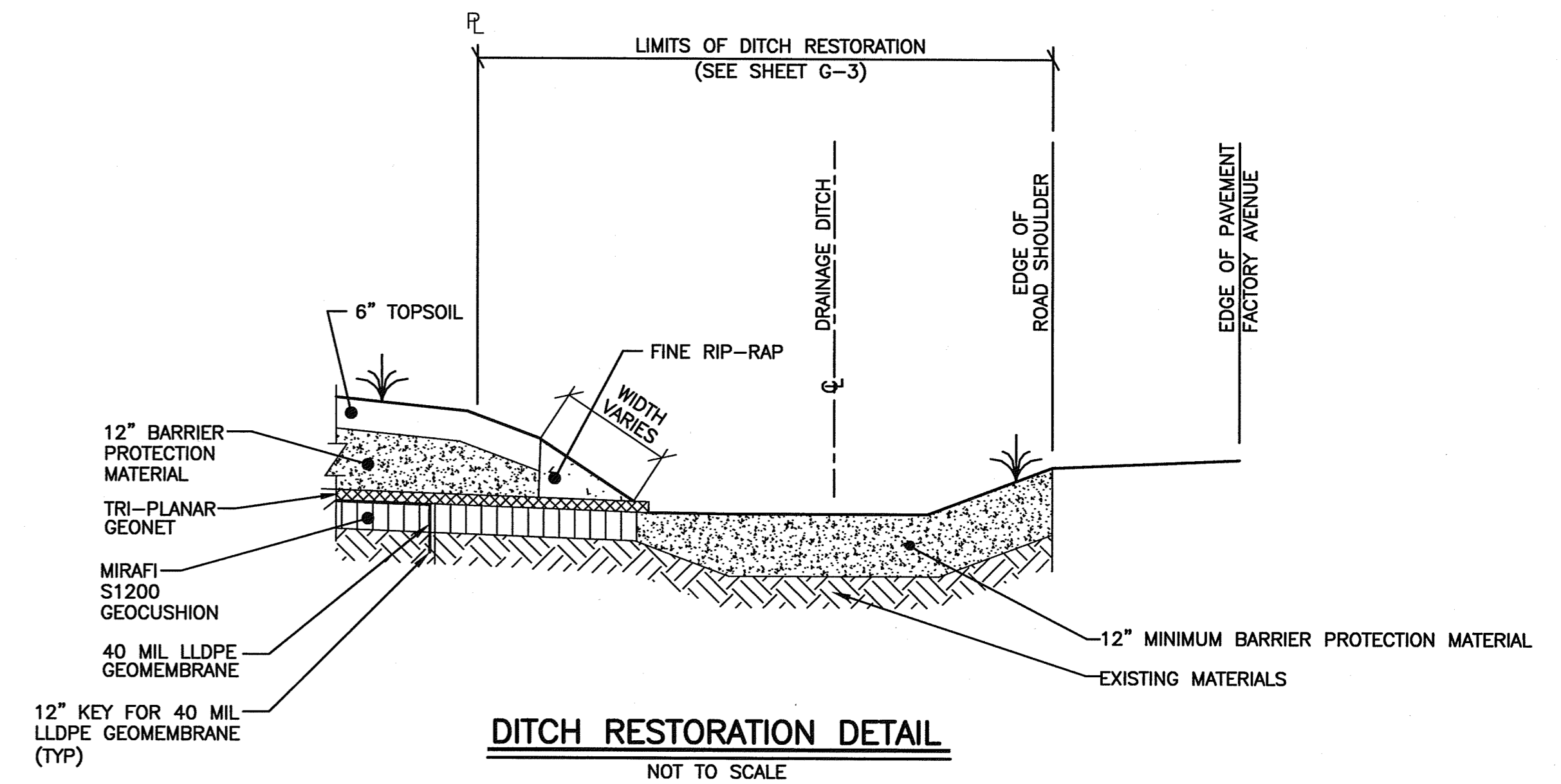


**GENERAL MOTORS - FORMER IFG FACILITY
 SYRACUSE, NEW YORK
 FORMER LANDFILL IRM PROJECT**

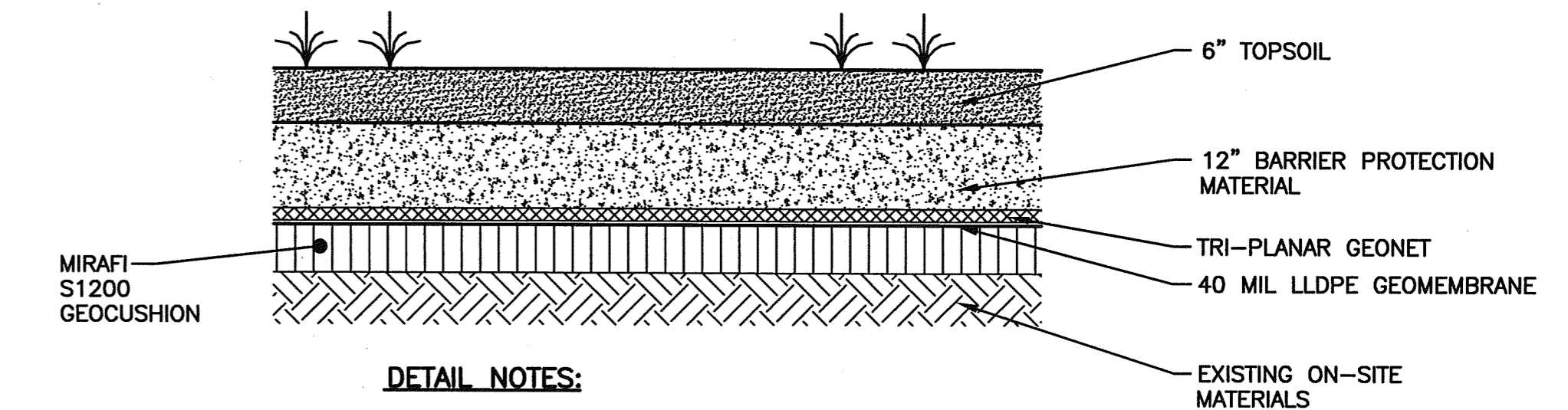
GENERAL

FINAL COVER PLAN

IN CHARGE OF <i>Michael R.</i>	FILE NO. 4966.21535.239	G-6
DESIGNED BY <i>BAK</i> CHECKED BY <i>EBK</i>	DATE	
DRAWN BY <i>RMS</i>	AUGUST 2001	

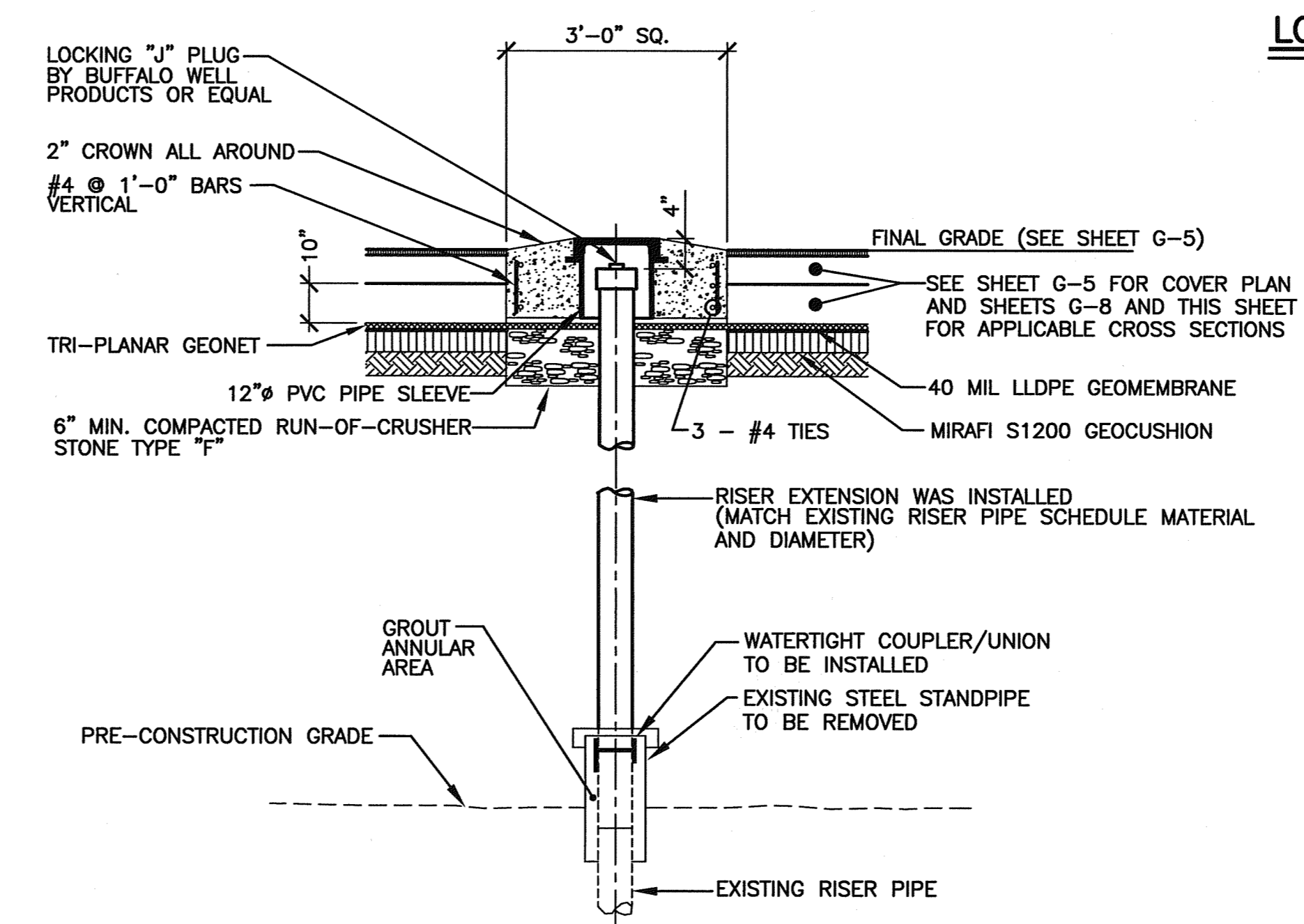


DITCH RESTORATION DETAIL
NOT TO SCALE



DETAIL NOTES:
1. 18" BARRIER PROTECTION LAYER COMPLETED IN LIEU OF 6" TOPSOIL LAYER AND 12" BARRIER PROTECTION LAYER AS SHOWN ABOVE IN APPROXIMATE AREA SHOWN ON SHEET G-6.

LOW PERMEABILITY VEGETATIVE COVER CROSS SECTION
NOT TO SCALE



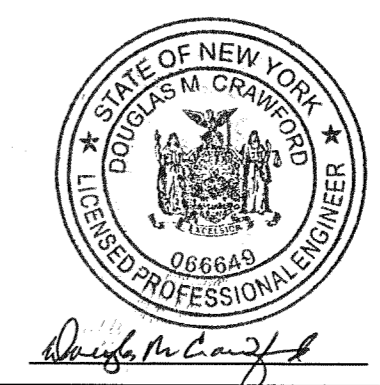
DETAIL NOTES:
1. FLEXIBLE MEMBRANE COVER PENETRATION BOOT NOT SHOWN FOR CLARITY. SEE DETAIL SHEET G-8.
2. EXISTING MONITORING WELLS REQUIRED TO BE CUT WERE INSTALLED AS SHOWN MINUS THE RISER EXTENSION AND WATERTIGHT COUPLER.

MONITORING WELL MODIFICATION DETAIL
NOT TO SCALE

RECORD DRAWINGS
To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: *Edwin B. Kohn*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



4	11/1/06	REVISED RECORD DRAWINGS	<i>One</i>
3	6/28/05	RECORD DRAWINGS	
2	5/12/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	
NO.	DATE	REVISION	INIT.

NOT TO SCALE

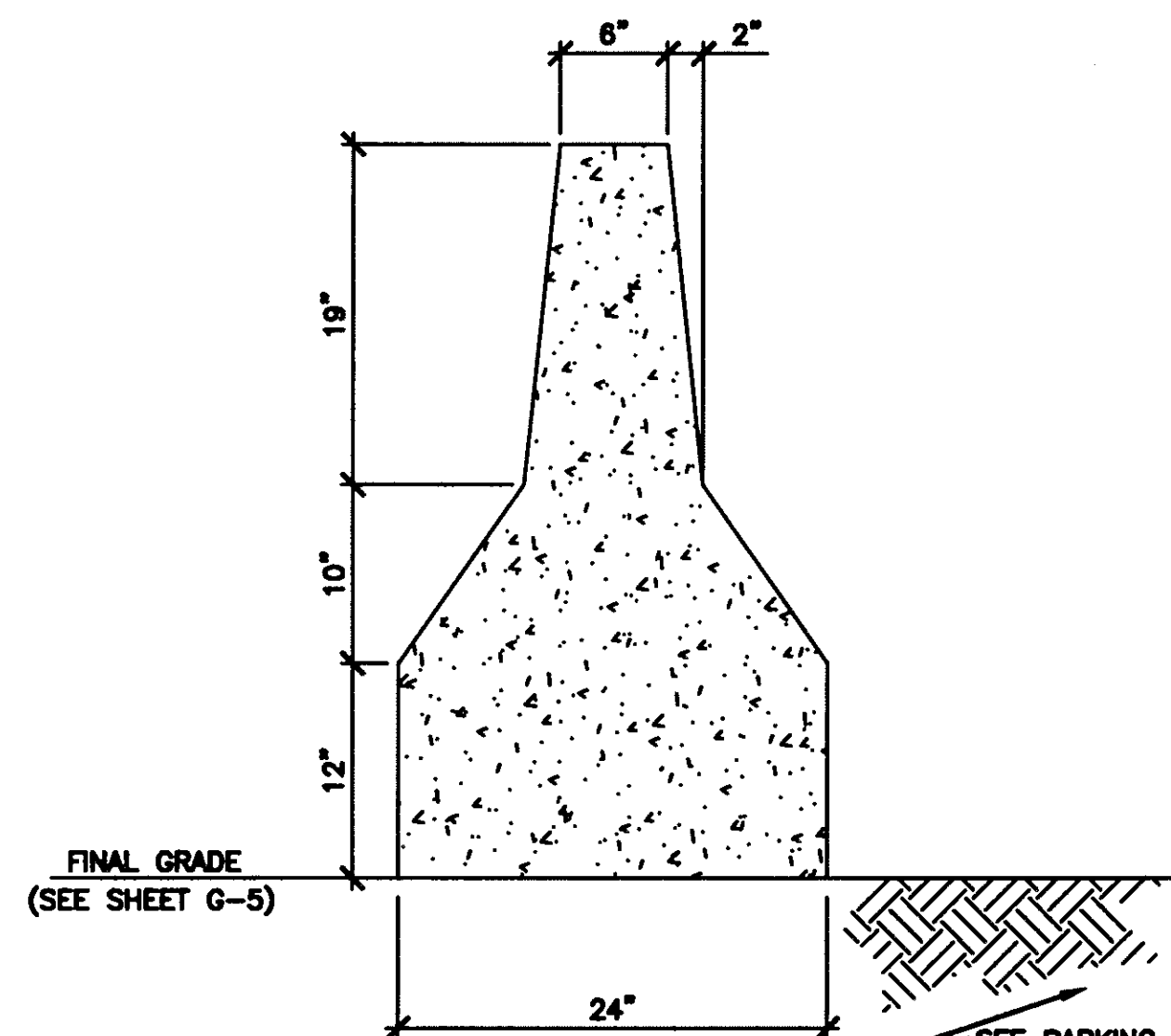
O'BRIEN & GERE ENGINEERS, INC.

**GENERAL MOTORS - FORMER IFG FACILITY SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT**

GENERAL

MISCELLANEOUS DETAILS

IN CHARGE OF <i>Edwin B. Kohn</i>	FILE NO. 4966.21535.223	G-7
DESIGNED BY <i>BAK</i> CHECKED BY <i>EBK</i>	DATE AUGUST 2001	
DRAWN BY <i>AMS</i>		

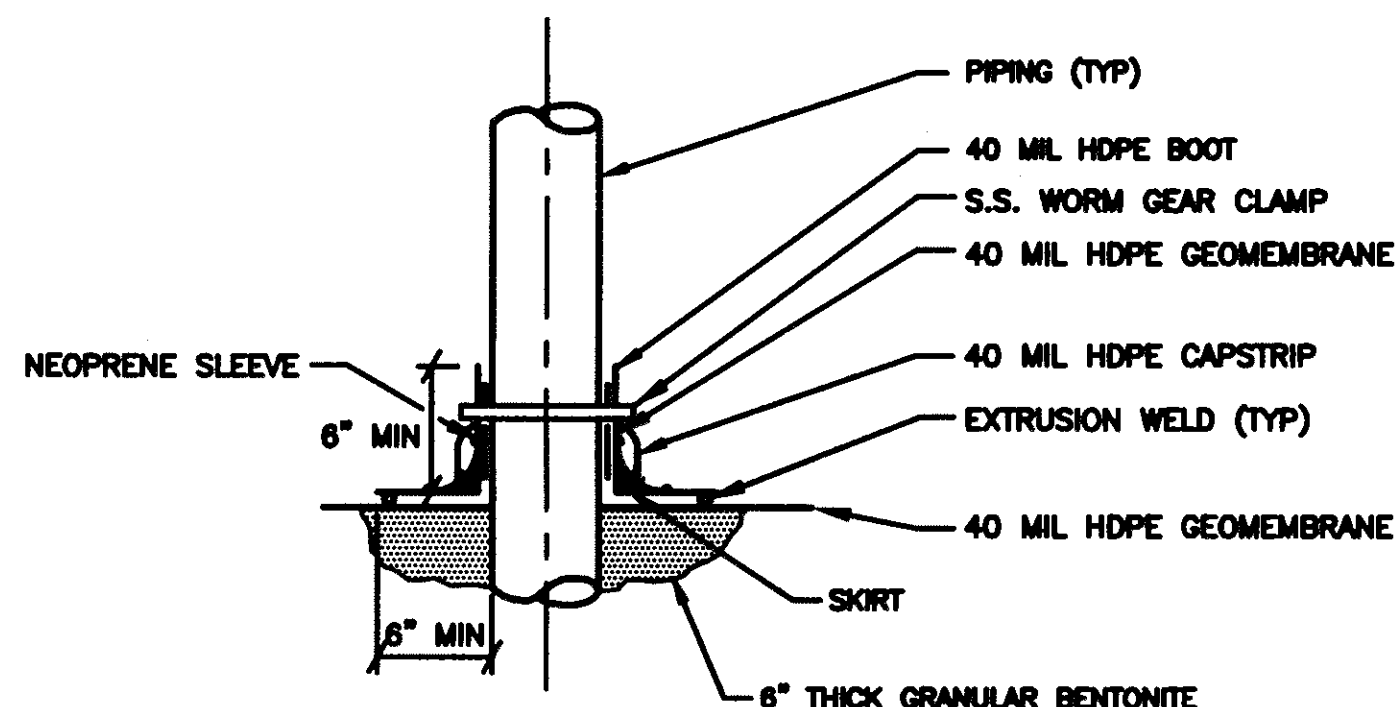


DETAIL NOTES:

1. PRECAST CONCRETE BARRIERS WERE PLACED AROUND POWERPOLE LOCATIONS, IDENTIFIED ON SHEET G-5.
2. PRECAST CONCRETE BARRIERS PLACED ALONG WESTERN LIMITS OF ASPHALT.

TYPICAL PRECAST CONCRETE BARRIER DETAIL

NOT TO SCALE

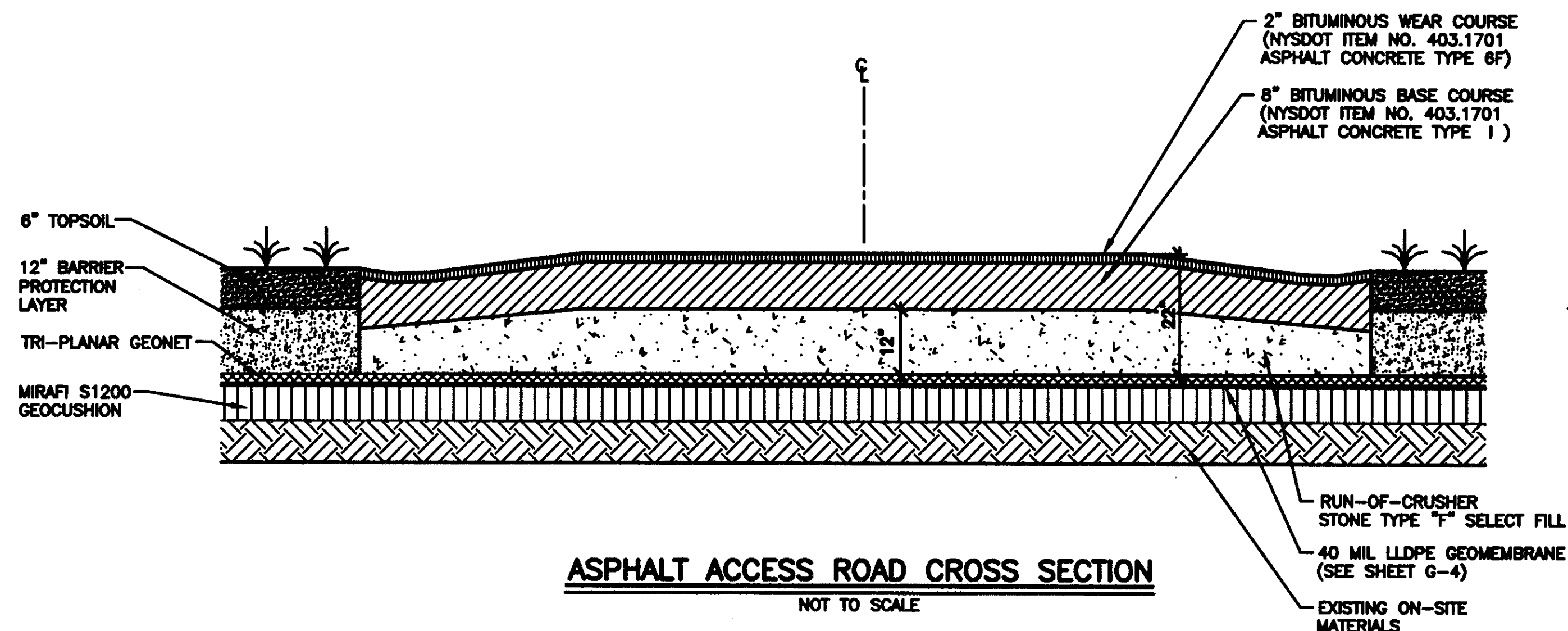


DETAIL NOTES:

1. NEOPRENE SLEEVE AT WELL HEAD/POWER POLE.
2. INSTALLED STRUCTURES HAVING A DIAMETER GREATER THAN 18" SHALL HAVE GSE POLYLOCK-CAST-IN PLACE HDPE ATTACHMENT STRIP INSTALLED IN PLACE OF THE FLEXIBLE MEMBRANE COVER PENETRATION BOOT ASSEMBLY.

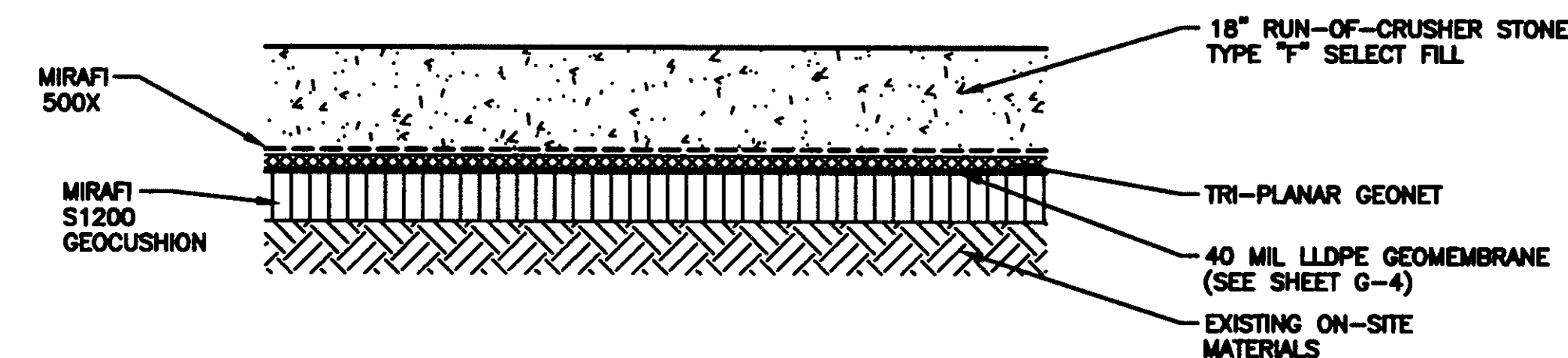
TYPICAL FLEXIBLE MEMBRANE COVER PENETRATION BOOT DETAIL

NOT TO SCALE



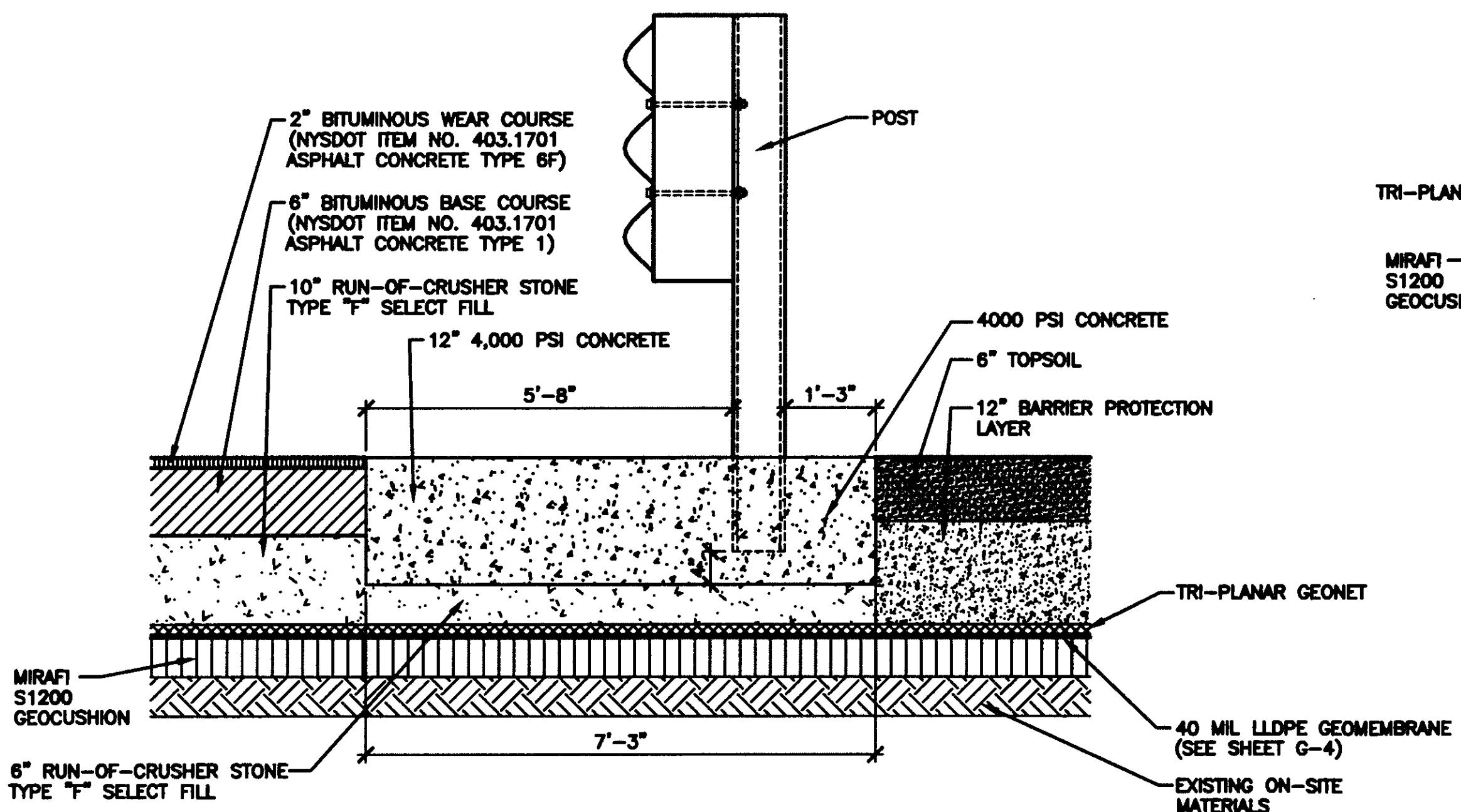
ASPHALT ACCESS ROAD CROSS SECTION

NOT TO SCALE



STONE ACCESS ROAD DETAIL

NOT TO SCALE

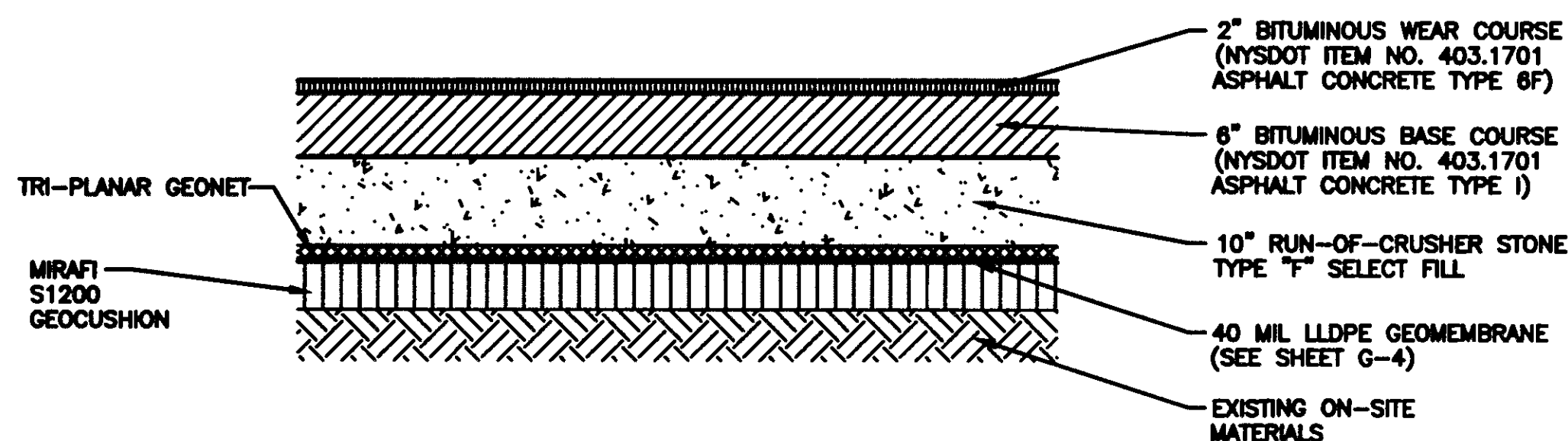


DETAIL NOTES:

1. GUIDE RAIL LOCATIONS AS SPECIFIED ON SHEET G-5.

TYPICAL GUIDE RAIL DETAIL

NOT TO SCALE



PARKING LOT CROSS SECTION DETAIL

NOT TO SCALE

RECORD DRAWINGS

To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.

O'BRIEN & GERE ENGINEERS, INC.
By: *Edmund B. Kalan*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



NO.	DATE	REVISION	INIT.
3	6/28/05	RECORD DRAWINGS	<i>DK</i>
2	5/12/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	

NOT TO SCALE

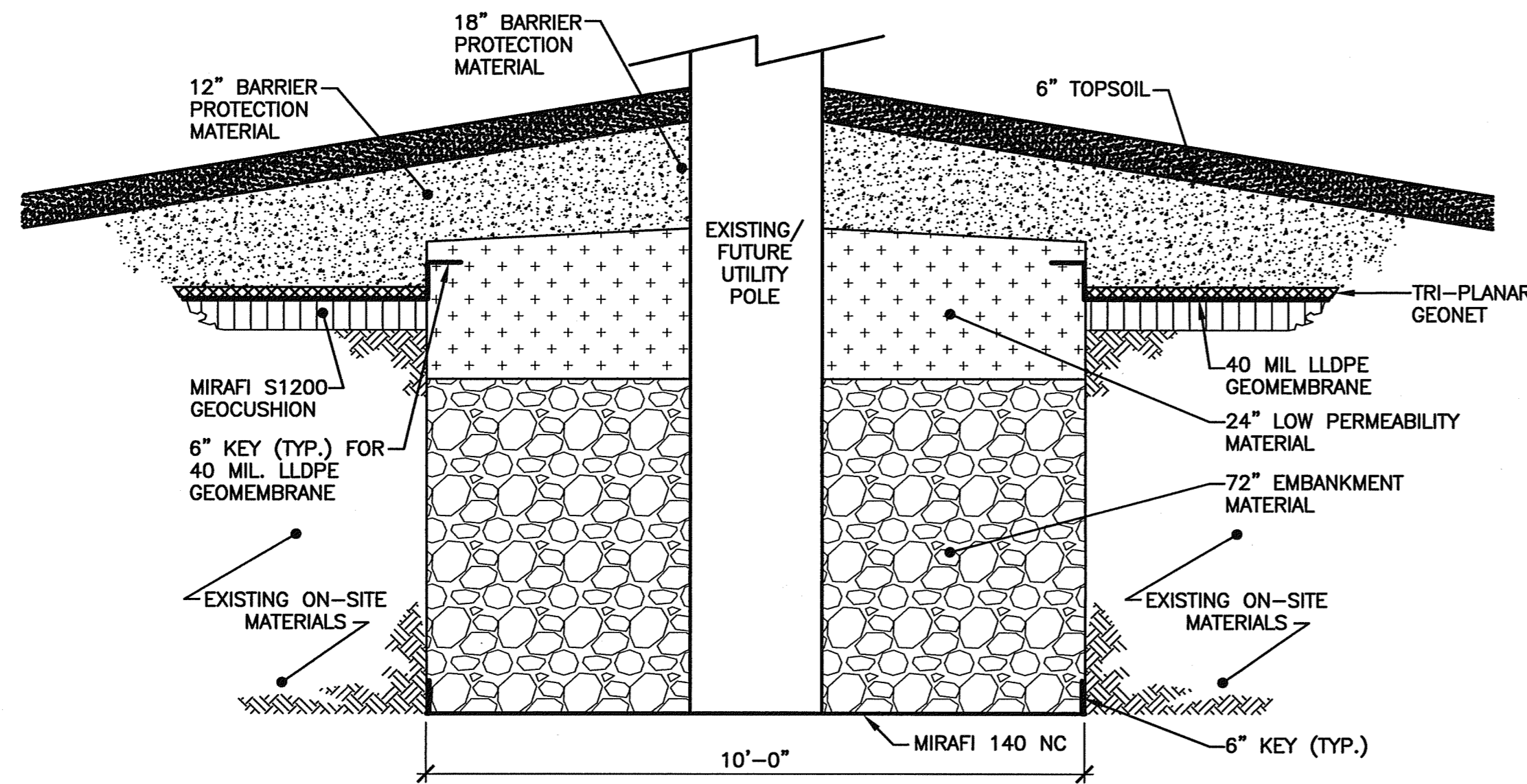


GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT

GENERAL

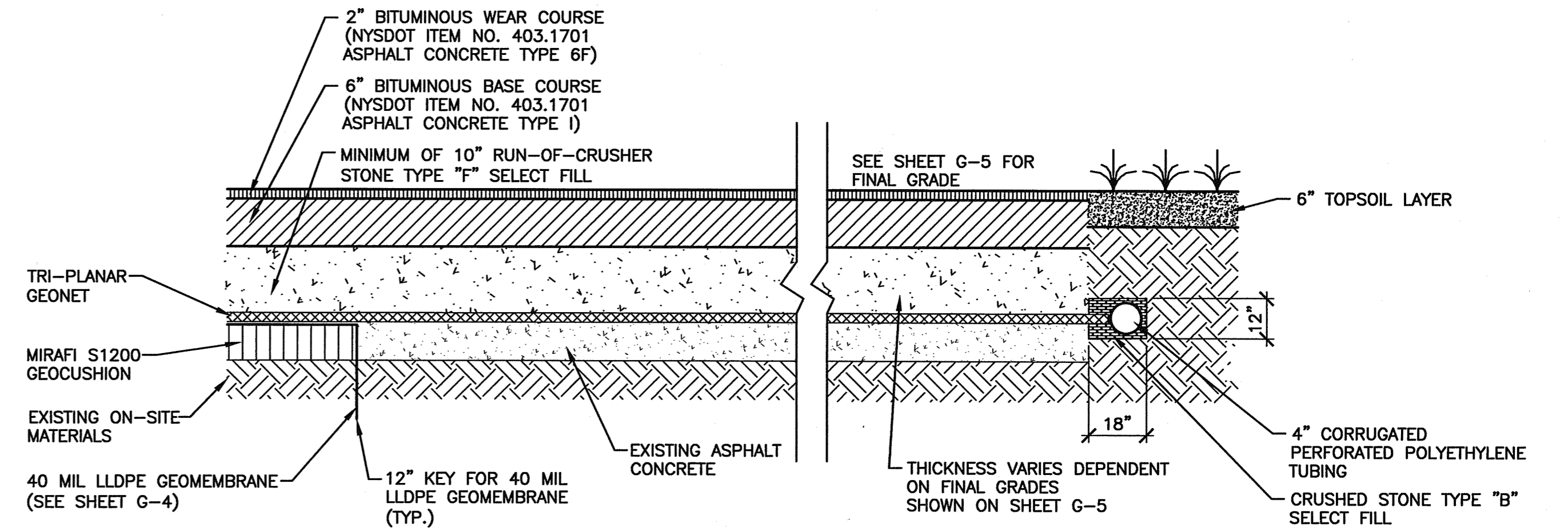
MISCELLANEOUS DETAILS

IN CHARGE OF <i>DK</i>	FILE NO. 4866.21535.224	G-8
DESIGNED BY <i>BAK</i> CHECKED BY <i>EBK</i>	DATE AUGUST 2001	
DRAWN BY <i>DK</i>		



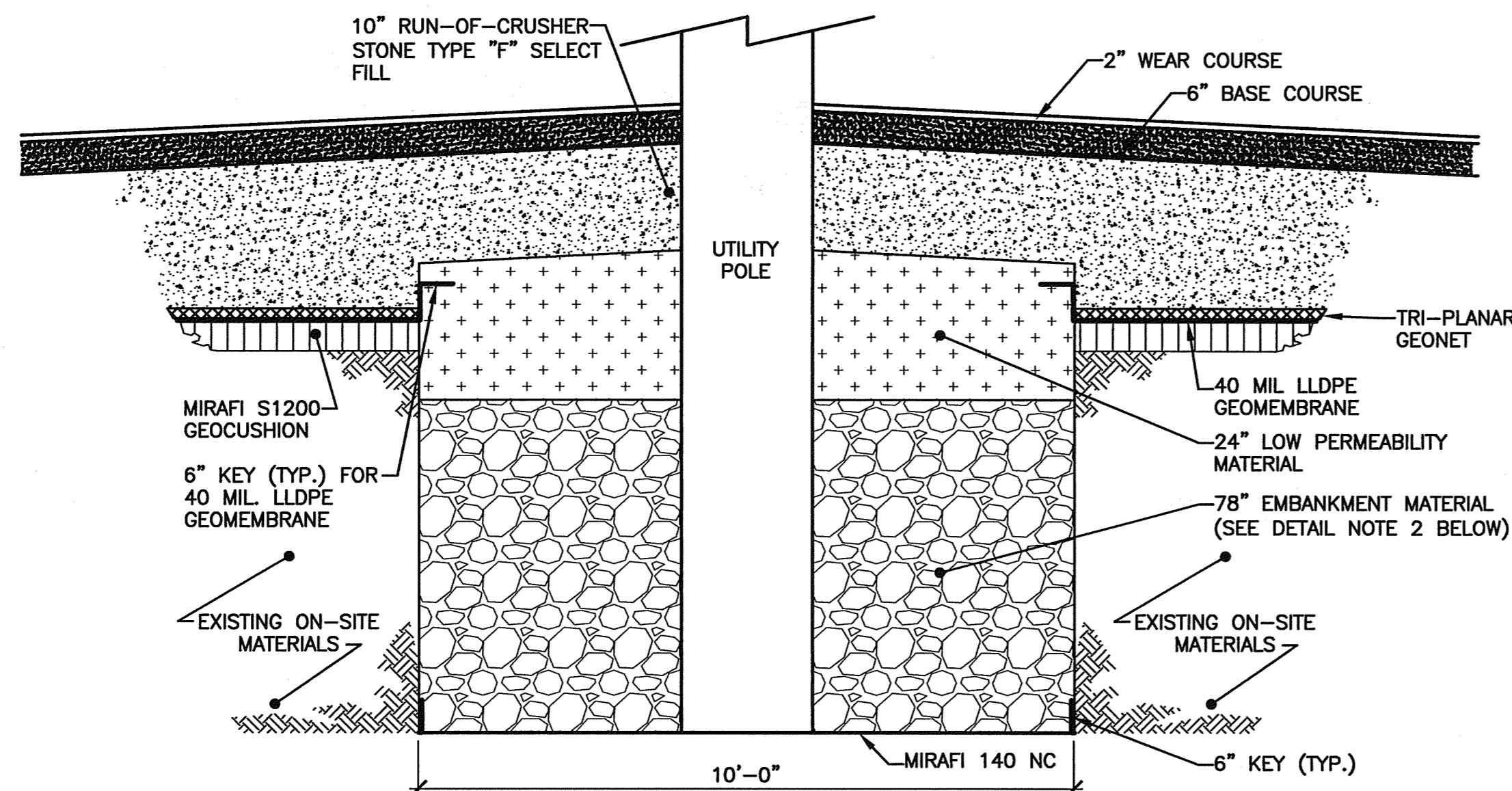
- DETAIL NOTES:**
1. MODIFIED LOW PERMEABILITY VEGETATIVE CROSS SECTION WAS INSTALLED IN A MINIMUM 10' x 10' AREA CENTERED AROUND THE POLE LOCATION.
 2. TOPSOIL LAYER NOT INSTALLED IN APPROXIMATE AREA SHOWN ON SHEET G-6.

MODIFIED LOW PERMEABILITY VEGETATIVE COVER CROSS SECTION
NOT TO SCALE



- DETAIL NOTES:**
1. THE CONTRACTOR DAYLIGHTED THE 4" CORRUGATED PERFORATED POLYETHYLENE TUBING ON THE SIDE SLOPE OF THE PROPOSED RETENTION BASIN.

1 G-5 ASPHALT/ASPHALT COVER SECTION
NOT TO SCALE



- DETAIL NOTES:**
1. MODIFIED LOW PERMEABILITY VEGETATIVE CROSS SECTION WAS INSTALLED IN A MINIMUM 10' x 10' AREA CENTERED AROUND THE POLE LOCATION.
 2. THICKNESS OF EMBANKMENT MATERIAL VARIES. SEE SHEET G-3 FOR EXCAVATION DEPTH. ALL OTHER MATERIAL THICKNESSES AS SHOWN FROM TOP DOWN TO EMBANKMENT MATERIAL.

MODIFIED PARKING LOT CROSS SECTION
NOT TO SCALE

RECORD DRAWINGS

To the best of our knowledge, information and belief, based on information provided by others, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: *Edwin B. Kalin*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



4	11/1/06	REVISED RECORD DRAWINGS	
3	6/28/05	RECORD DRAWINGS	
2	5/12/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	
NO.	DATE	REVISION	INIT.

NOT TO SCALE



GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT

GENERAL

MISCELLANEOUS DETAILS

IN CHARGE OF <i>D. M. ...</i>	FILE NO. 4966.21535.246	G-9
DESIGNED BY <i>BK</i> CHECKED BY <i>ELR</i>	DATE AUGUST 2001	
DRAWN BY <i>MMJ</i>		

Geotechnical borings



TEST BORINGS

FORMER GM FISHER GUIDE FACILITY

SYRACUSE, NEW YORK

June 1, 2001

Mr. David Farber
O'Brien & Gere Engineers, Inc.
5000 Brittonfield Parkway
P.O. Box 4873
Syracuse, New York 13221

Re: 01165
Test Borings
Former GM Fisher Guide Facility
Syracuse, New York
P.O. #10110312E

Dear Mr. Farber:

Enclosed are the logs of six test borings made for you for the above project.

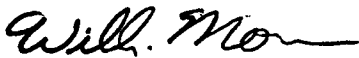
Soil samples from these borings were retained by your representative at the job site.

The borings were made at points located by you. Drilling and sampling were done in accordance with your instructions.

Thank you for this opportunity to work with you.

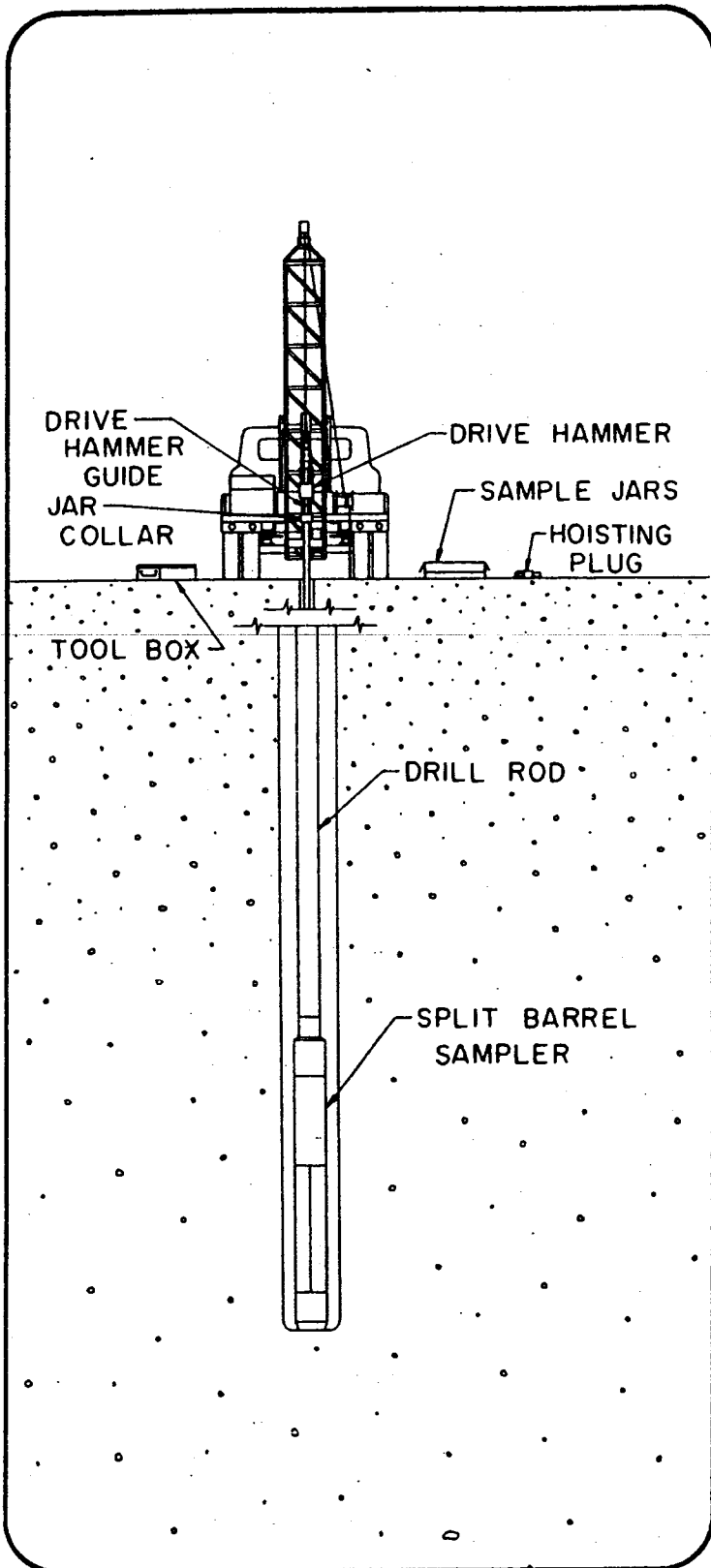
Very truly yours,

PARRATT - WOLFF, INC.



William Morrow
WHM/blo
Enc.:





Split barrel sampling

The following excerpts are from "Standard Method for penetration test and split-barrel sampling of soils."¹ (ASTM designation: D-1586-99 AASHTO Designation: T-206-87.)

1. Scope

1.1 This method describes a procedure for using a split-barrel sampler to obtain representative samples of soil for identification purposes and other laboratory tests, and to obtain a measure of the resistance of the soil to penetration of the sampler.

2. Apparatus

2.1 Drilling Equipment — Any drilling equipment shall be acceptable that provides a reasonably clean hole before insertion of the sampler to ensure that the penetration test is performed on undisturbed soil, and that will permit the driving of the sampler to obtain the sample and penetration record in accordance with the procedure described in 3. Procedure. To avoid "whips" under the blows of the hammer, it is recommended that the drill rod have stiffness equal to or greater than the A-rod. An "A" rod is a hollow drill rod or "steel" having an outside diameter of 1-5/8 in. or 41.2 mm and an inside diameter of 1-1/8 in. or 28.5 mm, through which the rotary motion of drilling is transferred from the drilling motor to the cutting bit. A stiffer drill rod is suggested for holes deeper than 50 ft (15m). The hole shall be limited in diameter to between 2-1/4 and 6 in. (57.2 and 152mm).

2.2 Split-Barrel Sampler — The sampler shall be constructed with the dimensions indicated (in Fig. 1.) The drive shoe shall be of hardened steel and shall be replaced or repaired when it becomes dented or distorted. The coupling head shall have four 1/2-in. (12.7-mm) (minimum diameter) vent ports and shall contain a ball check valve. If sizes other than the 2-in. (50.8-mm) sampler are permitted, the size shall be conspicuously noted on all penetration records.

2.3 Drive Weight Assembly — The assembly shall consist of a 140-lb (63.5-kg) weight, a driving head, and a guide permitting a free fall of 30 in. (0.76 m). Special precautions shall be taken to ensure that the energy of the falling weight is not reduced by friction between the drive weight and the guides.

2.4 Accessory Equipment — Labels, data sheets, sample jars, paraffin, and other necessary supplies should accompany the sampling equipment.



GENERAL NOTES

1. Soil boring logs, notes and other data shown are the results of personal observations and interpretations made by Parratt-Wolff, Inc.

Exploration records prepared by our drilling foreman in the field form the basis of all logs, and samples of subsurface materials retained by the driller are observed by technical personnel in our laboratory to check field classifications.

2. Explanation of the classifications and terms:

a. **Bedrock** — Natural solid mineral matter occurring in great thickness and extent in its natural location. It is classified according to geological type and structure (joints, bedding, etc.) and described as solid, weathered, broken or fragmented depending on its condition.

b. **Soils** — Sediments or other unconsolidated accumulations of particles produced by the physical and chemical disintegration of rocks and which may or may not contain organic matter.

PENETRATION RESISTANCE

COHESIONLESS SOILS		COHESIVE SOILS	
Blows Per Ft.	Relative Density	Blows Per Ft.	Consistency
0 to 4	Very Loose	0 to 2	Very Soft
4 to 10	Loose	2 to 4	Soft
10 to 30	Medium Dense	4 to 8	Medium Stiff
30 to 50	Dense	8 to 15	Stiff
Over 50	Very Dense	15 to 30	Very Stiff
		Over 30	Hard

Size Component Terms

Boulder	Larger than 300 mm
Cobble	300 mm to 76 mm
Gravel — coarse	76 mm to 25.4 mm
— medium	25.4 mm to 9.51 mm
— fine	9.51 mm to 4.76 mm
Sand — coarse	4.76 mm to 2.00 mm
— medium	2.00 mm to 0.42 mm
— fine	0.42 mm to 0.074 mm
Silt and Clay	Finer than 0.074 mm

Proportion By Weight

Major component is shown with all letters capitalized.

Minor component percentage terms of total sample are:

and ... 35 to 50 percent
 some . 20 to 35 percent
 little .. 10 to 20 percent
 trace.. 1 to 10 percent

c. **Gradation Terms** — The terms coarse, medium and fine are used to describe gradation of Sand and Gravel.

d. The terms used to describe the various soil components and proportions are arrived at by visual estimates of the recovered soil samples. Other terms are used when the recovered samples are not truly representative of the natural materials, such as soil containing numerous cobbles and boulders which cannot be sampled, thinly stratified soils, organic soils and fills.

e. **Ground water** — The measurement was made during exploration work or immediately after completion, unless otherwise noted. The depth recorded is influenced by exploration methods, soil type and weather conditions during exploration. Where no water was observed it is so indicated. It is anticipated that the ground water table may rise during periods of wet weather and may fall during dry weather. In addition, perched ground water above the water levels indicated (or above the bottom of the hole where no ground water is indicated) may be encountered at changes in soil strata or top of rock.



TEST BORING LOG



PROJECT Former GM Fisher Guide Facility

LOCATION Syracuse, New York

GROUNDWATER DEPTH
WHILE DRILLING Dry

BEFORE CASING
REMOVED Dry

AFTER CASING
REMOVED Dry

HOLE NO. B-2
JOB NUMBER: 01165
SURF. EL.
DATE STARTED 5/24/01
DATE COMPLETED 5/24/01

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER
FALLING 30" - ASTM D-1586 STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER
FALLING % OR PERCENT CORE RECOVERY

CASING TYPE HOLLOW STEM AUGER
DRILLER'S FIELD LOG

SHEET 1 OF 1
P.O. #10110312E

DEPTH	SAMPLE DEPTH	SAMPLE NO.	Rec	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5.0	0.0'-	1		8 10		Brown moist hard to medium stiff SILT, little clay, trace fine to medium gravel	
	2.0'			12 14	22		
	2.0'-	2		8 8			
	4.0'			10 8	18		
	4.0'-	3		2 3			
10.0	6.0'			4 4	7		
	6.0'-	4		6 6			
	8.0'			7 9	13		
	8.0'-	5		6 5			
	10.0'			7 7	12	Bottom of Boring	10.0'



TEST BORING LOG



PROJECT Former GM Fisher Guide Facility

LOCATION Syracuse, New York

GROUNDWATER DEPTH
WHILE DRILLING Dry

BEFORE CASING
REMOVED Dry

AFTER CASING
REMOVED Dry

CASING TYPE HOLLOW STEM AUGER
DRILLER'S FIELD LOG

HOLE NO. B-3
JOB NUMBER: 01165
SURF. EL.
DATE STARTED 5/24/01
DATE COMPLETED 5/24/01

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER
FALLING 30" - ASTM D-1586 STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER
FALLING "/ OR PERCENT CORE RECOVERY

SHEET 1 OF 1
P.O. #10110312E

DEPTH	SAMPLE DEPTH	SAMPLE NO.	Rec	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
5.0	0.0'-	1		8	10	Brown moist very stiff to stiff SILT, some fine to medium gravel, some clay, trace concrete and brick fragments		
	2.0'			11	12			21
	2.0'-	2		4	7			
	4.0'			6	8			13
	4.0'-	3		11	16			
10.0	6.0'			12	14			28
	6.0'-	4		13	14			
	8.0'			14	19			28
	8.0'-	5		7	11			
	10.0'			14	14			25
						Bottom of Boring	10.0'	



TEST BORING LOG



PROJECT Former GM Fisher Guide Facility

LOCATION Syracuse, New York

GROUNDWATER DEPTH WHILE DRILLING Dry

BEFORE CASING REMOVED Dry

AFTER CASING REMOVED Dry

CASING TYPE HOLLOW STEM AUGER
DRILLER'S FIELD LOG

HOLE NO. B-5
JOB NUMBER: 01165
SURF. EL.
DATE STARTED 5/24/01
DATE COMPLETED 5/24/01

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586 STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER FALLING % OR PERCENT CORE RECOVERY

SHEET 1 OF 1
P.O. #10110312E

DEPTH	SAMPLE DEPTH	SAMPLE NO.	Rec	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5.0	0.0'-	1		7 8		Brown moist very stiff to soft SILT, little clay, trace fine to medium gravel	
	2.0'			9 8	17		
	2.0'-	2		7 7			
	4.0'			8 10	15		
	4.0'-	3		7 6			
10.0	6.0'			6 5	12		
	6.0'-	4		4 2			
	8.0'			1 1	3		
	8.0'-	5		2 2			
	10.0'			5 3	7		
						Bottom of Boring	10.0'



TEST BORING LOG



PROJECT Former GM Fisher Guide Facility

LOCATION Syracuse, New York

GROUNDWATER DEPTH
WHILE DRILLING Dry

BEFORE CASING
REMOVED Dry

AFTER CASING
REMOVED Dry

CASING TYPE HOLLOW STEM AUGER
DRILLER'S FIELD LOG

HOLE NO. B-6
JOB NUMBER: 01165
SURF. EL.
DATE STARTED 5/24/01
DATE COMPLETED 5/24/01

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER
FALLING 30" - ASTM D-1586 STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER
FALLING "/ OR PERCENT CORE RECOVERY

SHEET 1 OF 1
P.O. #10110312E

DEPTH	SAMPLE DEPTH	SAMPLE NO.	Rec	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5.0	0.0'-0.3'	1		50-3'		Brown moist hard to very stiff SILT, some clay, some to little fine to medium gravel	
	4.0'-6.0'	2		7 13	26		
10.0	6.0'-8.0'	3		7 11	22		
	8.0'-10.0'	4		11 13	21		
				12 11			
				10 10			
						Bottom of Boring	10.0'

Electronic TSCA waste manifest forms

See following table for manifest tracking summary

GM SYRACUSE
Former Landfill IRM
Hazardous Waste Manifest Tracking for Hot Spot Material

Date	Source	Manifest Doc. No.	Manifest Number	Transporter	Trailer License	Actual Wt. (Kg)
7/25/2002	NWDP#2	00363	NYB9511695	Buffalo Fuel	AD15617-NY	28,132
7/25/2002	NWDP#2	00364	NYB9511704	Buffalo Fuel	AD15609-NY	27,914
7/25/2002	NWDP#2	00365	NYB9511713	Buffalo Fuel	AD15889-NY	28,159
7/25/2002	NWDP#2	00366	NYB9511722	Buffalo Fuel	AD15317-NY	30,636
7/25/2002	NWDP#2	00367	NYB9511731	Buffalo Fuel	AD15624-NY	30,092
7/25/2002	NWDP#2	00368	NYB9511749	Buffalo Fuel	AD15814-NY	27,969
7/25/2002	NWDP#2	00369	NYB9511758	Buffalo Fuel	AD15325-NY	22,907
7/29/2002	NWDP#2	00371	NYB9511767	Buffalo Fuel	AC45444-NY	27,678
7/29/2002	NWDP#2	00372	NYB9511776	Buffalo Fuel	AD88964-NY	30,845
7/29/2002	NWDP#2	00373	NYB9511785	Buffalo Fuel	AD24674-NY	24,594
7/29/2002	NWDP#2	00374	NYB9511794	Buffalo Fuel	AC24689-NY	29,674
10/17/2002	Hot Spot	00789	NYB9724248	Page ETC	AC15548-NY	25,574
10/31/2002	TS-5	00790	NYB9724257	Page ETC	2950B7-NY	31,180
10/31/2002	TS-5	00791	NYB9724266	Page ETC	1280B7-NY	27,933
11/1/2002	TS-5	00792	NYB9724275	Frank's Vac.	AD76532-NY	23,723
11/1/2002	TS-5	00793	NYB9724284	Frank's Vac.	AD76900-NY	20,167
11/1/2002	Hot Spot	00794	NYB9724293	U.S. Bulk	AG24558-NY	30,473
11/1/2002	Hot Spot	00795	NYB9724302	U.S. Bulk	AC40405-NY	24,494
12/2/2002	Hot Spot	00796	NYB9724311	Buffalo Fuel	AD15889-NY	25,592
12/2/2002	Hot Spot	00797	NYB9724329	Buffalo Fuel	AD15863-NY	25,619
12/2/2002	Hot Spot	00798	NYB9724338	U.S. Bulk	181207A-NY	31,407
12/2/2002	Hot Spot	00799	NYB9724347	U.S. Bulk	AE94114-NY	29,085
12/2/2002	Hot Spot	00800	NYB9724356	U.S. Bulk	AD65298-NY	31,217
12/2/2002	Hot Spot	00801	NYB9724365	U.S. Bulk	AE53089-NY	30,500
12/2/2002	Hot Spot	00802	NYB9724374	U.S. Bulk	AD58336-NY	29,366
12/2/2002	Hot Spot	00803	NYB9724383	Buffalo Fuel	AD16043-NY	25,265
12/2/2002	Hot Spot	00804	NYB9724392	Buffalo Fuel	AB31507-NY	23,959
12/2/2002	Hot Spot	00805	NYB9724401	Buffalo Fuel	AD15999-NY	26,808
12/5/2002	Hot Spot	00806	NYB9724419	U.S. Bulk	AD65298-NY	32,015
12/5/2002	Hot Spot	00807	NYB9724428	U.S. Bulk	AD58336-NY	29,575
12/5/2002	Hot Spot	00808	NYB9724437	U.S. Bulk	181207A-NY	32,233
12/20/2002	Hotspot	00956	NYB9732699	Buffalo Fuel	AD15307-NY	26,826
12/20/2002	Hotspot	00957	NYB9732708	Price Truck.	2216A2-NY	25,338
12/20/2002	Hotspot	00958	NYB9732717	Buffalo Fuel	AC45444-NY	29,112
6/27/2003	Hotspot	01020	NYB9733347	Tonawanda	AC25267-NY	19,541
9/22/2003	HS-3	01055	NYB9733698	Tonawanda	AC-25361-NY	27,043
9/22/2003	HS-3	01056	NYB9733707	Buffalo Fuel	AD15854-NY	29,819
9/22/2003	HS-3	01057	NYB9733716	Buffalo Fuel	AD15617-NY	27,651
9/22/2003	HS-3	01058	NYB9733725	Buffalo Fuel	AD15638-NY	26,408
9/22/2003	HS-3	01059	NYB9733734	Buffalo Fuel	AC25464-NY	22,743
9/22/2003	HS-3	01060	NYB9733743	Tonawanda	AC25367-NY	21,664
9/22/2003	HS-3	01061	NYB9733752	U.S. Bulk	AE94114-NY	32,732
9/22/2003	HS-3	01062	NYB9733761	U.S. Bulk	XY21657-PA	25,801
9/22/2003	HS-1b	01063	NYB9733779	U.S. Bulk	AH67323-NY	31,879
9/22/2003	HS-1b	01064	NYB9733788	U.S. Bulk	XS19525-PA	25,802
9/23/2003	HS-3	01065	NYB9733797	U.S. Bulk	AD65298-NY	32,468
9/23/2003	HS-3	01066	NYB9733806	U.S. Bulk	XY21657-PA	30,545
9/23/2003	HS-3	01067	NYB9733815	U.S. Bulk	AH67323-NY	29,094
9/23/2003	HS-3	01068	NYB9733824	Tonawanda	AC25358-NY	19,042
9/23/2003	HS-3	01069	NYB9733833	Buffalo Fuel	AD15822-NY	32,042
9/23/2003	HS-3	01070	NYB9733842	Buffalo Fuel	AB31506-NY	31,979
9/23/2003	HS-3	01071	NYB9733851	Buffalo Fuel	AD88964-NY	33,838
9/23/2003	HS-2	01072	NYB9733869	U.S. Bulk	XW63964-PA	31,353
9/23/2003	HS-2	01073	NYB9733878	U.S. Bulk	AD35962-NY	33,593
9/23/2003	HS-2	01074	NYB9733887	Page ETC	2945B7-NY	34,038
9/23/2003	HS-2	01075	NYB9733896	Tonawanda	AC25361-NY	20,757
9/23/2003	HS-2	01076	NYB9733905	U.S. Bulk	XS19525-PA	24,585
9/23/2003	HS-2	01077	NYB9733914	Page ETC	2938B7-NY	27,778
9/23/2003	HS-1	01078	NYB9733923	Page ETC	2950B7-NY	25,392
9/23/2003	HS-1	01079	NYB9733932	U.S. Bulk	AB58310-NY	31,734
9/23/2003	HS-1	01080	NYB9733941	U.S. Bulk	AB58309-NY	29,293
9/23/2003	HS-1	01081	NYB9733959	U.S. Bulk	AJ76780-NY	22,090
9/23/2003	HS-1	01082	NYB9733968	U.S. Bulk	AJ87805-NY	25,909

GM SYRACUSE
Former Landfill IRM
Hazardous Waste Manifest Tracking for Hot Spot Material

Date	Source	Manifest Doc. No.	Manifest Number	Transporter	Trailer Liscense	Actual Wt. (Kg)
10/28/2003	FA H-spot	01104	NYB9734184	Tonawanda	AC25362-NY	19,967
10/28/2003	FA H-spot	01105	NYB9734193	Buffalo Fuel	AC45444-NY	28,767
10/28/2003	FA H-spot	01106	NYB9734202	Tonawanda	AC25378-NY	20,357
10/28/2003	FA H-spot	01107	NYB9734211	Buffalo Fuel	AD88964-NY	30,173
10/28/2003	FA H-spot	01108	NYB9734229	Tonawanda	AC25364-NY	22,752
10/28/2003	FA H-spot	01109	NYB9734238	Buffalo Fuel	AC24689-NY	27,697
10/28/2003	FA H-spot	01110	NYB9734247	Buffalo Fuel	AB31513-NY	26,281
10/28/2003	FA H-spot	01111	NYB9734256	U.S. Bulk	AC95899-NY	31,362
10/28/2003	FA H-spot	01112	NYB9734265	U.S. Bulk	XS36220-PA	29,738
10/28/2003	FA H-spot	01113	NYB9734274	U.S. Bulk	AC95896-NY	30,672
10/28/2003	FA H-spot	01114	NYB9704835	Tonawanda	AC25367-NY	21,854
10/28/2003	FA H-spot	01115	NYB9704844	Tonawanda	AC25369-NY	22,634
10/28/2003	FA H-spot	01116	NYB9704853	U.S. Bulk	AC40405-NY	30,173
10/28/2003	FA H-spot	01117	NYB9704862	U.S. Bulk	JEN ICE-NY	31,154
10/28/2003	FA H-spot	01118	NYB9704871	Buffalo Fuel	AD15999-NY	28,767
10/28/2003	FA H-spot	01119	NYB9704889	Buffalo Fuel	AD15829-NY	30,863
10/28/2003	FA H-spot	01120	NYB9704898	Buffalo Fuel	AC25464-NY	31,988
10/28/2003	FA H-spot	01121	NYB9704907	Buffalo Fuel	AD15832-NY	31,108
10/28/2003	FA H-spot	01122	NYB9704916	U.S. Bulk	XW63964-PA	31,180
10/28/2003	FA H-spot	01123	NYB9704925	U.S. Bulk	AD35962-NY	28,441
10/28/2003	FA H-spot	01124	NYB9704934	Tonawanda	AC25361-NY	25,655
10/30/2003	FA H-spot	01125	NYB9704943	Tonawanda	AC25361-NY	21,002
10/30/2003	FA H-spot	01126	NYB9704952	Page ETC	2938B7-NY	28,386
10/30/2003	FA H-spot	01127	NYB9704961	Page ETC	AD33406-NY	28,078
10/30/2003	FA H-spot	01128	NYB9704979	Buffalo Fuel	AD88964-NY	29,692
10/30/2003	FA H-spot	01129	NYB9704988	Tonawanda	AC25378-NY	23,270
10/30/2003	FA H-spot	01130	NYB9704997	Page ETC	2950B7-NY	25,946
10/30/2003	FA H-spot	01131	NYB9705006	Tonawanda	AC25362-NY	22,498
10/30/2003	FA H-spot	01132	NYH1352016	Buffalo Fuel	AC45444-NY	29,547
10/30/2003	FA H-spot	01133	NYH1352025	Buffalo Fuel	AD15832-NY	27,978
10/30/2003	FA H-spot	01134	NYH1352034	Buffalo Fuel	AB31506-NY	28,967
10/30/2003	FA H-spot	01135	NYH1352043	Buffalo Fuel	AD15829-NY	29,729
10/30/2003	FA H-spot	01136	NYH1352052	U.S. Bulk	AE94114-NY	31,561
10/30/2003	FA H-spot	01137	NYH1352061	Tonawanda	AC25378-NY	23,178
10/30/2003	FA H-spot	01138	NYH1352079	Tonawanda	AC25369-NY	23,587
10/30/2003	FA H-spot	01139	NYH1352088	Page ETC	XW22571-PA	19,813
10/30/2003	FA H-spot	01140	NYH1352097	Buffalo Fuel	AD15854-NY	23,134
10/30/2003	FA H-spot	01141	NYH1352106	Page ETC	2945B7-NY	30,437
10/30/2003	FA H-spot	01142	NYH1352115	Buffalo Fuel	AD15629-NY	30,173
10/30/2003	FA H-spot	01143	NYH1352124	Buffalo Fuel	AD15617-NY	28,976
10/30/2003	FA H-spot	01144	NYH1352133	Page ETC	AC15548-NY	26,481
10/30/2003	FA H-spot	01145	NYH1352142	Page ETC	AD27945-NY	29,257
10/30/2003	FA H-spot	01146	NYH1352151	Buffalo Fuel	AC24689-NY	27,551
10/30/2003	FA H-spot	01147	NYH1352169	Buffalo Fuel	AB31507-NY	28,450
11/21/2003	FA H-spot	01148	NYH1352178	U.S. Bulk	AK82123-NY	31,380
11/21/2003	FA H-spot	01149	NYH1352187	U.S. Bulk	JEN ICE-NY	31,189
11/21/2003	FA H-spot	01150	NYH1352196	U.S. Bulk	XS36220-PA	29,810
11/21/2003	FA H-spot	01151	NYH1352205	U.S. Bulk	AC40405-NY	27,769
11/21/2003	FA H-spot	01152	NYH1352214	Price Truck.	2254B8-NY	34,918
11/21/2003	FA H-spot	01153	NYH1352223	Price Truck.	7002A4-NY	31,307
11/21/2003	FA H-spot	01154	NYH1352232	Price Truck.	2255B8-NY	26,962
11/21/2003	FA H-spot	01155	NYH1352241	Price Truck.	2304B7-NY	24,639
11/24/2003	FA H-spot	01156	NYH1352259	Price Truck.	2254B8-NY	29,638
11/24/2003	FA H-spot	01157	NYH1352268	Price Truck.	2255B8-NY	23,578
11/24/2003	FA H-spot	01158	NYH1352277	Price Truck.	7002A4-NY	29,602
11/24/2003	FA H-spot	01159	NYH1352286	Price Truck.	2304B7-NY	25,238
11/25/2003	FA H-spot	01160	NYH1352295	Price Truck.	XS02430-PA	32,087
7/9/2004	NiMo Poles	01162	NYH1352304	Price Truck.	7002A4-NY	31,062
7/9/2004	NiMo Poles	01163	NYH1352313	Price Truck.	2305B7-NY	31,317
7/9/2004	NiMo Poles	01164	NYH1352322	Price Truck.	2254B8-NY	33,430
7/9/2004	NiMo Poles	01165	NYH1352331	Price Truck.	2304B7-NY	22,108
7/9/2004	NiMo Poles	01166	NYH1352349	Tonawanda	AC25369-NY	22,952
7/16/2004	NiMo Poles	01168	NYH1352358	Tonawanda	AC25369-NY	21,201

GM SYRACUSE
Former Landfill IRM
Hazardous Waste Manifest Tracking for Hot Spot Material

Date	Source	Manifest Doc. No.	Manifest Number	Transporter	Trailer License	Actual Wt. (Kg)
7/16/2004	NiMo Poles	01169	NYH1352367	Tonawanda	AC25361-NY	26,055
10/18/2004	NM Swale	01241	NYH1394019	Price Truck.	2255B8-NY	30,690
10/18/2004	NM Swale	01242	NYH1394028	U.S. Bulk	AC95896-NY	30,445
10/18/2004	NM Swale	01243	NYH1394037	U.S. Bulk	AJ76780-NY	27,706
10/18/2004	NM Swale	01244	NYH1394046	U.S. Bulk	XS19525-PA	23,959
10/18/2004	NM Swale	01245	NYH1394055	Price Truck.	AD16492-NY	15,930
11/11/2004	TB-02-03A	01246	NYH1394064	Buffalo Fuel	AD88964-NY	31,026

Total (kg) 3,677,946

Total (CY) 2,703

NYB9511695

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD000000000000	Manifest Doc. No. 00363	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511695		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) BUFFALO FUEL 2020		6. US EPA ID Number A910100045724		C. State Transporter's ID 190156171		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 209-9029		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
a. NO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		1	DT	25000	K	EST. 1007
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a. CS9438-PCB SOIL & DEBRIS				a.	<input checked="" type="checkbox"/>	c.
b.				b.	<input type="checkbox"/>	d.
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 7/25/02 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 SERVICE REQUEST# 81502822						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Radon for James T. Hartnett		Signature Edwin B. Radon		Mo. Day Year 07 25 02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN G. WISSELA		Signature John Wissele		Mo. Day Year 07 25 02		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act. Rec. 28132K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name EILEEN CARTON		Signature Eileen Carton		Mo. Day Year 07 26 02		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

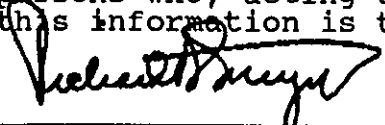
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511695 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156282201
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 232928
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511704



WMI

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NR11111111111111111111	Manifest Doc. No. 00364	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER CRUISE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511704		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Baker Corp		6. US EPA ID Number MUSC000000157214		C. State Transporter's ID AD1109 NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone ()		
9. Designated Facility Name and Site Address OWR CHEMICAL SERVICES, C.I.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY000000000000		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. PCB POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		1	DR	26000	EST	EPA STATE 0007 EPA STATE EPA STATE EPA STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a. OS9438 PCB SOIL & DEBRIS		a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>				
b.		b. <input type="checkbox"/> d. <input type="checkbox"/>				
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/25/02 CENTREC Emergency Response Number 75007424-9300 WMI Contract ERG#171 SERVICE REQUEST# 81562809						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hackett		Signature Edwin B. Rahn			Mo. Day Year 10 21 02	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name James F. Hackett		Signature James F. Hackett			Mo. Day Year 10 21 02	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature			Mo. Day Year	
19. Discrepancy Indication Space Oct. Rec. 27914 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck			Mo. Day Year 07 26 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

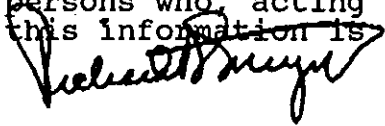
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511704 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156280901
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 232918
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511713



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY D D D P P R B B H H D	Manifest Doc. No. 100365	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511713	
4. Generator's Telephone Number (015) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) B & B Buffalo Fork Corp.		6. US EPA ID Number NY R 0 0 0 0 4 5 7 2 4		C. State Transporter's ID AD15889NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677-8002	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NY D D H P P P P 6 6 7 P				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID	
a. NO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		12. Containers Number Type 0 0 1 DT 26 90 0 K	13. Total Quantity EST.	14. Unit Wt/Vol	I. Waste No. EPA STATE 1007 EPA STATE EPA STATE EPA STATE
J. Additional Descriptions for Materials listed Above a. US9438-PCB SOIL & DEBRIS				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/25/02 CHEMTREC Emergency Response Number (800) 424-9300 WNI Contract ERG#171 SERVICE REQUEST# 81562815					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B Rahn for James E. Hartnett		Signature Edwin B Rahn		Mo. Day Year 10 7 25 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name BRIAN POLLER		Signature Brian Poller		Mo. Day Year 10 7 25 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual recd 28159K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name EILEEN CARTER		Signature Eileen Carter		Mo. Day Year 07 26 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

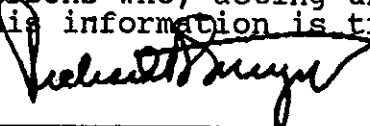
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DESTRUCTION

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511713 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was incinerated and thereby destroyed in accordance with the 40 CFR part 761 as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156281501
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 232923
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511722



ENV1

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N E D D P R B B D D D D	Manifest Doc. No. A0366	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER QUINN ON 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511722		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Biosafe Fuel Corp		6. US EPA ID Number NY180110907284		C. State Transporter's ID AD153114		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone 1 800 451 5000		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14102				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		1	DR	EST: 26000	K	EPA STATE 1007 EPA STATE EPA STATE EPA STATE
b.						
c.						
d.						
J. Additional Descriptions for Materials listed Above a. CS9438-PCB SOIL & DEBRIS				K. Handling Codes for Wastes Listed Above		
b.				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/25/02 CHEMTREC Emergency Response Number: 1 800 424-9300 WMI Contract ERG#171 SERVICE REQUEST# 81562793						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Eduin B. Rada		Signature <i>Eduin B. Rada</i>		Mo. Day Year 10 25 02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Richard Morrow		Signature <i>Richard Morrow</i>		Mo. Day Year 10 25 02		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act. Rec. 30636K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name ELEAN CARTER		Signature <i>Elean Carter</i>		Mo. Day Year 10 26 02		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

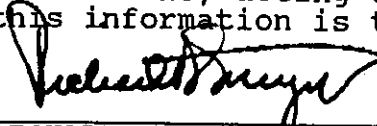
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511722 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156279301
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 232903
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511731

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 12345678901234567890	Manifest Doc. No. 00367	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE ON 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511731	
4. Generator's Telephone Number (315) 432-5314					
5. Transporter 1 (Company Name) BUFFALO FUEL CORP		6. US EPA ID Number NYR0000045724		B. Generator's ID SAME	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID AD15624NY	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYDP02000079		D. Transporter's Telephone (800) 208 9289	
				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8201	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. NO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE 9, UN2315, III			1	EST.	
					1. Waste No. EPA
					STATE 1007
					EPA
					STATE
					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CS9435-PCB SOIL & DEBRIS			a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
b. <input type="checkbox"/>			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: 7/25/02					
b. CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171					
c. SERVICE REQUEST# 81562782					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Heintz		Signature <i>Edwin B. Rahn</i>		Mo. Day Year 07 25 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name MICHAEL A HALCZAK		Signature <i>Michael A Halczak</i>		Mo. Day Year 07 25 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Aut. Rec. 30092K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name BILLY CARTE		Signature <i>Billy Carte</i>		Mo. Day Year 07 26 02	

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

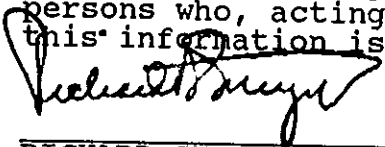
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511731 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156278201
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 232894
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511749 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156278101
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 232893
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511758



EWRI

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYDDDDPPBBHHND	Manifest Doc. No. 109369	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486			A. NYB9511758		
4. Generator's Telephone Number (315) 932-5314			B. Generator's ID SAME		
5. Transporter 1 (Company Name) Duffin & Sons	6. US EPA ID Number NY 45 045224		C. State Transporter's ID		
7. Transporter 2 (Company Name)	8. US EPA ID Number		D. Transporter's Telephone ()		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107			E. State Transporter's ID		
10. US EPA ID Number NYDDMMBBGGV9			F. Transporter's Telephone ()		
			G. State Facility ID		
			H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit WVVol	I. Waste No. EPA
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		001 DT	21000K		STATE 1007 EPA
b.					STATE EPA
c.					STATE EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CS9438-PCB SOIL & DEBRIS			a. <input checked="" type="checkbox"/>	c. <input type="checkbox"/>	
b.			b. <input type="checkbox"/>	d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: 7/25/02 CHEMTREC Emergency Response Number (800) 424-9300 MMI Contract ERG#171 SERVICE REQUEST# 81562788					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rocha for James F. Hertzberg		Signature Edwin B. Rocha		Mo. Day Year 07 25 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Duffin & Sons		Signature		Mo. Day Year 07 25 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Oct. Rec. 22907K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name EILEEN CARTON		Signature Eileen Carton		Mo. Day Year 07 26 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

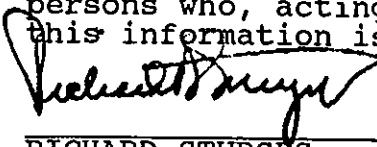
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/26/02 as described on Hazardous Waste Manifest number NYB9511758 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156278801
CWM Unit #: 1*0
Disposal Date: 07/26/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 232899
07/29/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511767

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYB9511767	Manifest Doc. No. 90371	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406				A. NYB9511767	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) BUFFALO FUEL CORP		6. US EPA ID Number NYR10100045724		C. State Transporter's ID NYH5444 NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677-8003	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYDD000066679				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. REG. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2915, 111				12. Containers Number Type 1 01 DT	13. Total Quantity EST. 26000 K
				14. Unit Wt/Vol	I. Waste No. EPA STATE 3007 EPA STATE EPA STATE EPA STATE
J. Additional Descriptions for Materials listed Above a. CS9438-PCB SOIL & DEBRIS				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> c. <input type="checkbox"/>	
				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/29/02 CENTREC Emergency Response Number (800) 727-9300 WMI Contract ERG#171 SERVICE REQUEST# 81562904					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartnett		Signature Edwin B Rubin		Mo. Day Year 10 29 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Edward C. KUNATH		Signature Edward C Kunath		Mo. Day Year 10 29 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual recd 18607K @ 27628K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Allen Carter		Signature Allen Carter		Mo. Day Year 07 29 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

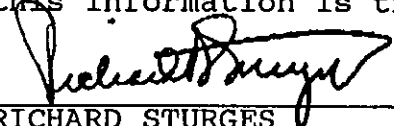
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/29/02 as described on Hazardous Waste Manifest number NYB9511767 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156290401
CWM Unit #: 1*0
Disposal Date: 07/29/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 233000
07/30/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511776



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 000000000000	Manifest Doc. No. 00372	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511776		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Buffalo Fuel Corp		6. US EPA ID Number NYR0000045724		C. State Transporter's ID AD887446		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone 808 6778002		
9. Designated Facility Name and Site Address CVM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NY 000000000000				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		001	DT	26000K	EST	EPA STATE 0007 EPA STATE
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above a. CS9450-PCB SOIL & DEBRIS				K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> c. <input type="checkbox"/>		
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/29/02 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 SERVICE REQUEST# 81562901						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James P. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 07 29 02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name MARK FALTISKO		Signature Mark Faltisko		Mo. Day Year 07 29 02		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space actual recd 30845K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name ELLEN CARTER		Signature Ellen Carter		Mo. Day Year 07 29 02		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

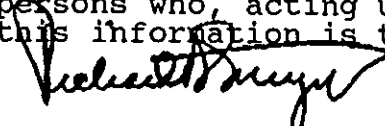
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/29/02 as described on Hazardous Waste Manifest number NYB9511776 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156290101
CWM Unit #: 1*0
Disposal Date: 07/29/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 232998
07/30/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511785

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 000000000000000000	Manifest Doc. No. 00373	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER CRUISE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9511785	
4. Generator's Telephone Number (315) 432-9334				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Buffalo Fuel Corp		6. US EPA ID Number NY 00000045724		C. State Transporter's ID AD 266264	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 222-9025	
9. Designated Facility Name and Site Address CMA CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NY 000000000000000000	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers Number	13. Total Quantity
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, J11				14. Unit Wt/Vol	1. Waste No. EPA
b.				001	EST. DT 26000K
c.					STATE 1007 EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. CS9430-PCB SOIL & DEBRIS				a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information PCB Out of Service Date: 7/29/07 CHEMTREC Emergency Response Number: (800) 424-9300 WMI Contract: ERG#171 SERVICE REQUEST# 81562908					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Robles for James F. Hestruitt		Signature Edwin B. Robles		Mo. Day Year 07 29 07	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name SAMUEL LONG		Signature Samuel Long		Mo. Day Year 07 29 07	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual read 24544K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Ellen Carter		Signature Ellen Carter		Mo. Day Year 07 29 07	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY.



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

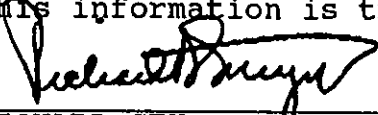
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/29/02 as described on Hazardous Waste Manifest number NYB9511785 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156290801
CWM Unit #: 1*0
Disposal Date: 07/29/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 233002
07/30/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9511794

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10000000000000000000	Manifest Doc. No. 00374	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486 4. Generator's Telephone Number (315) 432-5314				A. NYB9511794	
5. Transporter 1 (Company Name) BUFFALO FUEL CO. INC.		6. US EPA ID Number NYR0000045784		B. Generator's ID SAME	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID RC94609 NY	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY000000000000000000		D. Transporter's Telephone 607 671 8003	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. RO POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		12. Containers Number Type 4 01 DT	13. Total Quantity EST. 2,600 K	14. Unit Wt/Vol K	I. Waste No. EPA STATE 0007 EPA STATE EPA STATE EPA STATE
J. Additional Descriptions for Materials listed Above a. CS9438-PCB SOIL & DEBRIS				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/29/02 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERC0171 SERVICE REQUEST# 815-602921					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature <i>Edwin B. Rahn</i>		Mo. Day Year 07 29 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name KEW WASKIEWICZ		Signature <i>Kon Waskiewicz</i>		Mo. Day Year 07 29 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual recd 29674K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 07 30 02	

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

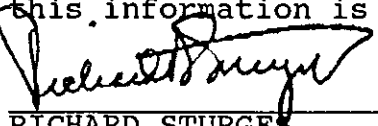
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 07/30/02 as described on Hazardous Waste Manifest number NYB9511794 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CS9438
CWM Tracking ID: 8156292101
CWM Unit #: 1*0
Disposal Date: 07/30/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 233062
07/31/02

For questions please call
our Customer Service Dept.
at (800) 843-3604



NYB9724248

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY101010121213141516171819	Manifest Doc. No. 20789	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406				A. NYB9724248	
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Page E.T.C.		6. US EPA ID Number NYD986969447		C. State Transporter's ID AC15548NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800)3305037	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			01011011	25000	K EPA
b.					STATE 8007
c.					EPA
d.					STATE
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CP2002-PCB SOIL			a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: 10/17/02 SR# 658792-11 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 81566605					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edward B Kahn for James F Hebert		Signature Edward B Kahn		Mo. Day Year 10 17 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name James F Hebert		Signature James F Hebert		Mo. Day Year 10 17 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual recd 25574 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name SHELLEY ROOP		Signature Shelley Roop		Mo. Day Year 10 18 02	

RECEIVED
10/18/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

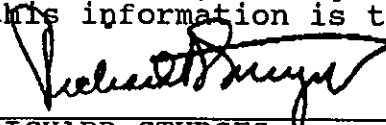
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 10/18/02 as described on Hazardous Waste Manifest number NYB9724248 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156660501
CWM Unit #: 1*0
Disposal Date: 10/18/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 237977
10/21/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
10/24/02

NYB9724257

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



EWPM

Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 38171101012121918110	Manifest Doc. No. 00790	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9724257		
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Page E.T.C. Inc.		6. US EPA ID Number N.Y.D.986969447		C. State Transporter's ID 295007-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800)2332126		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number N.Y.D.04983166719				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, 0M2315, III		0101	DR	28000	K	EST. STATE 1007
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a. CP2002-PCB SOIL				a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>		
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information						
a. PCB out of Service Date: 10/31/02 SR# 106-0645-1 CHEMTREC Emergency Response Number (800)424-9300 WMT Contract ERG#171 85607402						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Baker for James F. Houtchett		Signature Edwin B. Baker		Mo. Day Year 10 31 02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name John E. Van Valkenburgh		Signature		Mo. Day Year 10 31 02		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act. Rec 31180K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Flock		Signature Michelle Flock		Mo. Day Year 11 01 02		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
12/13/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

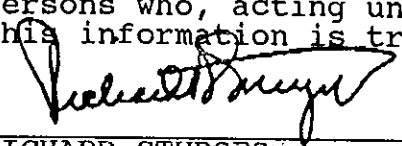
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 11/01/02 as described on Hazardous Waste Manifest number NYB9724257 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156740201
CWM Unit #: 1*0
Disposal Date: 11/01/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 238882
11/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/13/02

NYB9724266



02/11/02

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <i>NY1100121233445</i>	Manifest Doc. No. <i>00791</i>	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address <i>INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486</i>		6. US EPA ID Number <i>NYD986969947</i>		A. NYB9724266 B. Generator's ID <i>SAME</i> C. State Transporter's ID <i>128087-NY</i> D. Transporter's Telephone <i>(800) 333-1266</i> E. State Transporter's ID F. Transporter's Telephone () G. State Facility ID H. Facility Telephone () <i>716 754-0231</i>	
4. Generator's Telephone Number <i>(315) 432-5314</i>	5. Transporter 1 (Company Name) <i>Purge E.T.C. Inc.</i>	7. Transporter 2 (Company Name)	8. US EPA ID Number		
9. Designated Facility Name and Site Address <i>CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107</i>		10. US EPA ID Number <i>NY100498360719</i>			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity		
a. <i>RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2815, III</i>		<i>001</i> <i>DR</i>	<i>EST 30000</i>	<i>K</i>	<i>8007</i>
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above			
a. <i>CP2002-PCB SOIL</i>		a.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
b.		b.		<input type="checkbox"/>	<input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. <i>PCB Out of Service Date: 10/31/02</i> <i>SR# 6600645-2</i> <i>CHENTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171</i> <i>81567401</i>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <i>Edwin B. Rehn for Jamie S. E. Hartnett</i>		Signature <i>Edwin B. Rehn</i>		Mo. Day Year <i>11/03/02</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>John J...</i>		Signature <i>John J...</i>		Mo. Day Year <i>11/03/02</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <i>Act. Rec. 27933K</i>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Michelle Fleck</i>		Signature <i>Michelle Fleck</i>		Mo. Day Year <i>11/01/02</i>	

RECEIVED
12/13/02



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

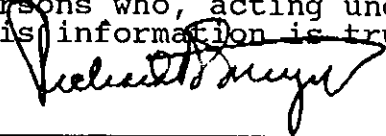
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 11/01/02 as described on Hazardous Waste Manifest number NYB9724266 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156740101
CWM Unit #: 1*0
Disposal Date: 11/01/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 238881
11/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/13/02

NYB9724275

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



WMI

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 21010101213191410	Manifest Doc. No. 00792	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406				A. NYB9724275	
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Frank's Vacuum Truck Service		6. US EPA ID Number NYD982792314		C. State Transporter's ID AD7652NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716)884-3497	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 HALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2515, III		0101 DIT	19000	K	EPA STATE 0007 EPA STATE EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. CB2002-PCB SOIL				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11/1/02 SR# 666D645-13 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 81567491					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name William Kopeck - James E. Kopeck Jr		Signature <i>[Signature]</i>		Mo. Day Year 11 01 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Steve Connolly		Signature <i>[Signature]</i>		Mo. Day Year 11 01 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Rec'd \$23723K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Ellen Carter		Signature <i>[Signature]</i>		Mo. Day Year 11 04 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
11/13/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

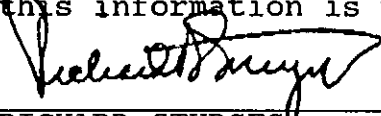
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 11/04/02 as described on Hazardous Waste Manifest number NYB9724275 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156749101
CWM Unit #: 1*0
Disposal Date: 11/04/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 239003
11/05/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/13/02 ID

NYB9724284

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <i>NY 110 04 91 81 31 61 71 9</i>	Manifest Doc. No. <i>007913</i>	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER BUILDING 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486			A. NYB9724284		
4. Generator's Telephone Number (315)432-5314			B. Generator's ID SAME		
5. Transporter 1 (Company Name) FRANK'S VACUUM TRUCK SERVICE		6. US EPA ID Number NY ID 9182792814		C. State Transporter's ID AD76900NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716)204-32	
9. Designated Facility Name and Site Address CMD CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY ID 0491813161719		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		0 0 11 DIT	19000 20000	R	EPA STATE BO07 EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CP2002-PCB SOIL			a. <input checked="" type="checkbox"/> L		
b.			b. <input type="checkbox"/>		
c.			c. <input type="checkbox"/>		
d.			d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11/1/02 SR# 660695-4 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 81567492					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <i>Walter Sore for James E. Horvath</i>		Signature <i>[Signature]</i>		Mo. Day Year <i>11/1/02</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name MARTIN T. CURA		Signature <i>[Signature]</i>		Mo. Day Year <i>11/9/02</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <i>actual read 20167K</i>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name EILEEN CARTER		Signature <i>[Signature]</i>		Mo. Day Year <i>11/24/02</i>	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/13/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

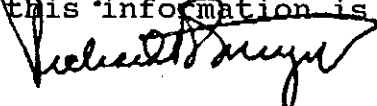
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 11/04/02 as described on Hazardous Waste Manifest number NYB9724284 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156749201
CWM Unit #: 1*0
Disposal Date: 11/04/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 239004
11/05/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/13/02

NYB9724293

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY11901012121394410	Manifest Doc. No. 00797	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9724293		
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) J.S. Burk & Taylor Inc.		6. US EPA ID Number PA0987347515		C. State Transporter's ID AG295804		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (315)51-3111		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY1D049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		0101	DI	3,000.0	K	EPA STATE BO07 EPA STATE
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L		
b.				b. <input type="checkbox"/>		
b. <input type="checkbox"/>				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11/1/02 SR# 660645-5 CHEMTREC Emergency Response Number (800)424-9300 NMI Contract ERG#171 81567475						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Madhya Kaur for James F. Mac...		Signature <i>Madhya Kaur</i>		Mo. Day Year 11 9 02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Luther WPH		Signature <i>Luther WPH</i>		Mo. Day Year 11 01 02		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual Recd 304113K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Elison Carter		Signature <i>Elison Carter</i>		Mo. Day Year 11 04 02		

RECEIVED
11/13/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

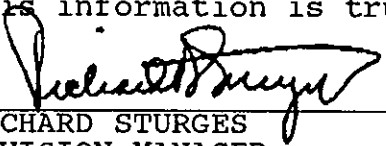
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 11/04/02 as described on Hazardous Waste Manifest number NYB9724293 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156749501
CWM Unit #: 1*0
Disposal Date: 11/04/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 239007
11/05/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECID
11/13/02

NYB9724302



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <u>367330101213194411</u>	Manifest Doc. No. <u>010795</u>	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0986		6. US EPA ID Number <u>PA1D9187347515</u>		A. NYB9724302	
4. Generator's Telephone Number <u>(315)432-5314</u>		7. Transporter 1 (Company Name) <u>U.S. Bulk Transport Inc.</u>		B. Generator's ID SAME	
5. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID <u>A240405NY</u>	
9. Designated Facility Name and Site Address OWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number <u>NY1D014918131610719</u>		D. Transporter's Telephone <u>(888)631-3111</u>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity	
a. EQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		01011 DIT		27,000 K	
b.					
c.					
d.					
14. Additional Descriptions for Materials listed Above		15. Special Handling Instructions and Additional Information		16. Handling Codes for Wastes Listed Above	
a. CP2002-PCB SOIL		a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>	
b.		b.		b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>11/1/02</u> SR# <u>6601215-10</u> CHEMREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 <u>81567475</u>		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Mo. Day Year <u>11 01 02</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials		18. Transporter 2 Acknowledgement of Receipt of Materials		19. Discrepancy Indication Space	
Printed/Typed Name <u>John T...</u>		Printed/Typed Name <u>John T...</u>		Signature <u>[Signature]</u>	
Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Mo. Day Year <u>11 01 02</u>	
19. Discrepancy Indication Space <u>Actual Recd 24494K</u>		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name <u>Ellen Carter</u>	
Signature <u>[Signature]</u>		Signature <u>[Signature]</u>		Mo. Day Year <u>11 01 02</u>	

RECEIVED
11/13/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 11/04/02 as described on Hazardous Waste Manifest number NYB9724302 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156747501
CWM Unit #: 1*0
Disposal Date: 11/04/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 238991
11/05/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

FILED
11/13/02

NYB9724311

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY111110121213141516171819		Manifest Doc. No. 1007916		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406						A. NYB9724311							
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID SAME							
5. Transporter 1 (Company Name) Buffalo Fuel Corp.				6. US EPA ID Number NYR000045724		C. State Transporter's ID AD15889-NY							
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Telephone ()							
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NY1110491813161719							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.	
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III						001 D1		EST, 28000		K		EPA STATE BO07	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. CP2002-PCB SOIL								L					
b.													
15. Special Handling Instructions and Additional Information													
a. PCB Out of Service Date: 12/2/02						SR# 10638166-1							
CHEMTREC Emergency Response Number (800)424-9300						WMI Contract # 171 81561604							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Edwin B. Rohm for James F. Westcott				Signature Edwin B. Rohm		Mo. Day Year 12 02 02							
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Hartley Kroening				Signature Hartley Kroening		Mo. Day Year 12 02 02							
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature		Mo. Day Year							
19. Discrepancy Indication Space Actual Recd 25592 K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name BILLY CARTER				Signature Billy Carter		Mo. Day Year 12 03 02							

RECEIVED
12/7/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

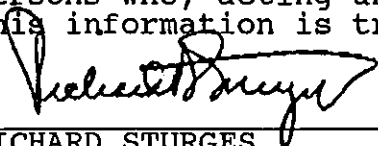
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724311 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860401
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 240507
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/7/02

NYB9724329

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <i>NY 111010121213141516171819</i>	Manifest Doc. No. <i>100797</i>	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address ISLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9724329	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) <i>Buffalo Fuel Corp.</i>		6. US EPA ID Number <i>NYR001010415724</i>		C. State Transporter's ID <i>AD15863-NY</i>	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone <i>(800) 778-002</i>	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number <i>NY 1110104191013161719</i>		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () <i>716 754-8231</i>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RD. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			<i>01011 DIT</i>	<i>Est. 28000</i>	<i>K</i>
					I. Waste No. EPA <i>STATE 8007</i> EPA STATE
					EPA STATE
					EPA STATE
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CP2002-PCB SOIL			a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: 12/2/02 SR# <i>663866-2</i> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 <i>8151621662</i>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <i>Edwin B. Rahn for James F. Hertnett</i>		Signature <i>Edwin B. Rahn</i>		Mo. Day Year <i>12 02 02</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Michael GLEED</i>		Signature <i>Michael GLEED</i>		Mo. Day Year <i>12 09 02</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <i>Actual Recd 25019K</i>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>BILLY CARTER</i>		Signature <i>Billy Carter</i>		Mo. Day Year <i>12 20 02</i>	

RECEIVED
12/7/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724329 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860201
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 240505
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/7/02

NYB9724338

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



COM1

Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10101012121319141010	Manifest Doc. No. 100798	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER BLVD GM GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9724338	
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) U.S. Bulk Transport Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID 181201A-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (814)8247771	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NY10101012121319141010				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			0 0 1 0 1	EST. 31000	K
					I. Waste No. EPA STATE BO07
					EPA STATE
					EPA STATE
					EPA STATE
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CP2002-PUB SOIL			a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: <u>12/2/02</u> SR# <u>6663866-3</u> CHEMTREC Emergency Response Number (800)424-9300 WMI Contract <u>ERG171</u> <u>81568591</u>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature <i>Edwin B Rahn</i>		Mo. Day Year 12 02 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Dicky A. Winkelmann		Signature <i>Dicky A Winkelmann</i>		Mo. Day Year 12 02 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <i>Actual Recd 31407K</i>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name EILEEN CARTON		Signature <i>Eileen Carton</i>		Mo. Day Year 12 03 02	

RECEIVED
12/17/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724338 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156859101
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 240496
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/7/02 D

NYB9724347

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



0000

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. *NY 111 01 01 21 31 51 61 71 81* Manifest Doc. No. *00799* 2. Page 1 of *1* Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER GUIDE CO
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486

4. Generator's Telephone Number (315) 432-5314

5. Transporter 1 (Company Name)
U.S. Bulk Transport Inc

6. US EPA ID Number
PAID 987347515

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address
CUM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NY 111 01 01 21 31 51 61 71 81

A. **NYB9724347**

B. Generator's ID
SAME

C. State Transporter's ID *AE 94114 NY*

D. Transporter's Telephone (814) 824-9947

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. **RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111**

12. Containers Number Type

13. Total Quantity

14. Unit Wt/Vol

I. Waste No. EPA

STATE 8007

EPA

STATE

EPA

STATE

EPA

STATE

J. Additional Descriptions for Materials listed Above

a. **CP2002-PCB SOIL**

K. Handling Codes for Wastes Listed Above

a. L c.

b. d.

15. Special Handling Instructions and Additional Information

a. **PCB Out of Service Date: 12/2/02** SR# *6663866-4*

CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171
81568600

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Edwin B. Rahn for James F. Hartnett

Signature
Edwin B Rahn

Mo. Day Year
12 02 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
[Signature]

Signature
[Signature]

Mo. Day Year
12 02 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Mo. Day Year

19. Discrepancy Indication Space
Actual Recd 29085K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Eileen Carter

Signature
Eileen Carter

Mo. Day Year
12 03 02

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
12/7/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

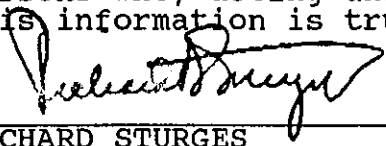
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724347 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860001
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 240503
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

R12/7/02 D

NYB9724356

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

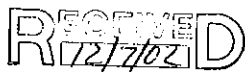


Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY100101212149440	Manifest Doc. No. 00800	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE ON 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9724356	
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) U.S. Bulk Transport Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID AD65298 NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (814)8299997	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			EST. 30000	K	STATE D007 EPA
b.					STATE EPA
c.					STATE EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. CP2002-PCB SOLID				a. <input checked="" type="checkbox"/> L	
b.				b. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 12/2/02 SR# 1663866-5 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 81568596					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B Rahn		Mo. Day Year 12 02 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Kevin M. Henry		Signature Kevin M Henry		Mo. Day Year 12 02 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual Recd 3/21/7K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Edwin CARTER		Signature Edwin Carter		Mo. Day Year 12 03 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724356 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156859601
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 240501
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/7/02



NYB9724365

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY11010121213191410		Manifest Doc. No. 00801		2. Page 1 of		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						A. NYB9724365							
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID SAME							
5. Transporter 1 (Company Name) U.S. Bulk Transport Inc.			6. US EPA ID Number PA0987347515			C. State Transporter's ID AE53084-NY							
7. Transporter 2 (Company Name)			8. US EPA ID Number			D. Transporter's Telephone (814) 8249947							
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NY110491813161719							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III						010101		EST. 30000		K		EPA STATE 0007	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. CP2002-PCB SOIL.								L					
b.													
15. Special Handling Instructions and Additional Information													
a. PCB Out of Service Date: 12/2/02 SR# 6663866-6 CHEMREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 815-61601													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Edwin B. Rahn for James F. Heittrich			Signature Edwin B. Rahn			Mo. Day Year 12 02 02							
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name JACK KNAPP			Signature Jack Knapp			Mo. Day Year 12 02 02							
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name			Signature			Mo. Day Year							
19. Discrepancy Indication Space actual Recd 30500K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Ellen Carter			Signature Ellen Carter			Mo. Day Year 12 03 02							

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
12/17/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679


INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724365 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860101
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 240504
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/7/02

NYB9724374

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <i>NY101012121319141516</i>	Manifest Doc. No. <i>00802</i>	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9724374	
4. Generator's Telephone Number (315)432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) <i>U.S. Bulk Transport Inc.</i>		6. US EPA ID Number <i>PAD987347519</i>		C. State Transporter's ID <i>AD58336-NY</i>	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone <i>(814)8247997</i>	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BAUMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number <i>NY1010498366719</i>				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () <i>716 754-8231</i>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		<i>0101</i> <i>DOT</i>	<i>EST. 29000</i>	<i>K</i>	EPA STATE BO07 EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. CP2002-PCB SOIL		c.		a. <input checked="" type="checkbox"/> L <input type="checkbox"/>	
b.		d.		b. <input type="checkbox"/> c. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: <u>12/2/02</u> SR# <u>663866-7</u> CHEMTREC Emergency Response Number (800)424-9300 WMI Contract <u>ERG#171</u> <u>81568606</u>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <i>Edwin B. Rahn for James F. Hartnett</i>		Signature <i>Edwin B. Rahn</i>		Mo. Day Year <i>12 02 02</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>DAVID L. LATHROP</i>		Signature <i>David L. Lathrop</i>		Mo. Day Year <i>12 02 02</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <i>Actual Recd 29366K</i>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>ELLEN CARTER</i>		Signature <i>Ellen Carter</i>		Mo. Day Year <i>12 03 02</i>	

RECEIVED
12/7/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

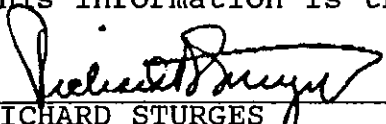
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724374 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860601
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 240509
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/17/02

NYB9724383

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

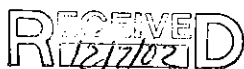


Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. M Y B 9 7 2 4 3 8 3	Manifest Doc. No. J 0 0 8 1 0 3	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYB9724383		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR0000045724		C. State Transporter's ID AD16043-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677-8002		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		0101	DT	EST. 28000	K	STATE B007
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a. CP2002-PCB SOIL				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information						
a. PCB Out of Service Date: 12/2/02 SR# 10638106-8 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 81503603						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hackett		Signature <i>Edwin B. Rahn</i>		Mo. Day Year 12 02 02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Richard Garrow		Signature <i>Richard Garrow</i>		Mo. Day Year 12 10 02		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual Recd 25265K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Eileen Carter		Signature <i>Eileen Carter</i>		Mo. Day Year 12 23 02		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

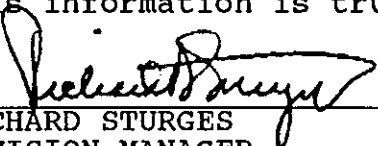
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724383 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860301
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 240506
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
R12/7/02

NYB9724392

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY1110101212131914110	Manifest Doc. No. 00804	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406			A. NYB9724392		
4. Generator's Telephone Number (315)432-5314			B. Generator's ID SAME		
5. Transporter 1 (Company Name) Buffalo Fuel Corp.	6. US EPA ID Number NYR000045724		C. State Transporter's ID AB31501-NY		
7. Transporter 2 (Company Name)	8. US EPA ID Number		D. Transporter's Telephone (800)6778002		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107			10. US EPA ID Number NY10049036679		E. State Transporter's ID
			F. Transporter's Telephone ()		G. State Facility ID
			H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		0101 DIT	EST, 21,000	K	STATE 8007 EPA
b.					STATE EPA
c.					STATE EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. CP2002-PCB SOIL			a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: 12/2/02 SR# 10638606-9 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 81568605					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Kahn for James F. Hartnett		Signature Edwin B. Kahn		Mo. Day Year 12 02 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name ROBERT ADAMS		Signature Robert Adams		Mo. Day Year 12 02 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Return to Recd 23959K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name E. L. CARTER		Signature E. L. Carter		Mo. Day Year 12 03 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
12/7/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

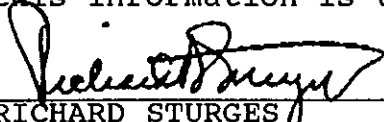
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724392 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156860501
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 240508
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/7/02



10/11

NYB9724401

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <u>100805</u>		Manifest Doc. No. <u>100805</u>		2. Page 1 of <u>1</u>		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						A. NYB9724401							
4. Generator's Telephone Number <u>(315) 432-5314</u>						B. Generator's ID SAME							
5. Transporter 1 (Company Name) <u>Buffalo Fuel Corp.</u>			6. US EPA ID Number <u>NYR10000945729</u>			C. State Transporter's ID <u>AD15499-NY</u>							
7. Transporter 2 (Company Name)			8. US EPA ID Number			D. Transporter's Telephone <u>(800) 677-8000</u>							
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number <u>NYD049836679</u>							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						12. Containers Number <u>0101</u> Type <u>DR</u>		13. Total Quantity <u>EST. 29000</u>		14. Unit Wt/Vol <u>K</u>		I. Waste No. EPA <u>8007</u> STATE <u>8007</u> EPA STATE EPA STATE EPA STATE	
J. Additional Descriptions for Materials listed Above a. <u>UP2002-PCB SOIL</u>						K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>							
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>12/2/02</u> SR# <u>16138161-10</u> CHEMTREC Emergency Response Number <u>(800) 424-9300 WMI Contract ER0171</u> <u>81560610</u>													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <u>Edwin B. Rahn for James F. Hebert</u>				Signature <u>Edwin B. Rahn</u>				Mo. Day Year <u>12 02 02</u>					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <u>Michael A. Hacsaur</u>				Signature <u>Michael A. Hacsaur</u>				Mo. Day Year <u>12 02 02</u>					
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space <u>Actual Recd 26302K</u>													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name <u>Allen Carter</u>				Signature <u>Allen Carter</u>				Mo. Day Year <u>12 03 02</u>					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7382

RECEIVED
12/7/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

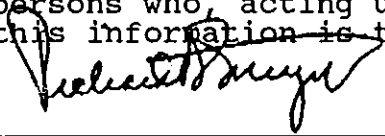
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/03/02 as described on Hazardous Waste Manifest number NYB9724401 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156861001
CWM Unit #: 1*0
Disposal Date: 12/03/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 240512
12/04/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/7/02

NYB9724419

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY12101021213141516171819	Manifest Doc. No. 90806	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486		6. US EPA ID Number PAP 981547515		A. NYB9724419 B. Generator's ID SAME C. State Transporter's ID 12652801 D. Transporter's Telephone (514) 8297001 E. State Transporter's ID F. Transporter's Telephone () G. State Facility ID H. Facility Telephone () 716 754-8231	
4. Generator's Telephone Number (315) 432-5314		7. Transporter 2 (Company Name)			
5. Transporter 1 (Company Name) U.S. Bulk Transport Inc.		8. US EPA ID Number			
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 PALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY121010491013161719			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA STATE EPA STATE EPA STATE
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		1	EST. 30000	K	
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above			
a. CP2007-PCB SOLID		a.		L	
b.		b.			
15. Special Handling Instructions and Additional Information					
a. PCB Out of Service Date: 12/5/02 SR# 664678-1 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 81357166					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Lahn for James F. Houtart		Signature Edwin B. Lahn		Mo. Day Year 12 05 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Kevin M. Houtart		Signature Kevin M. Houtart		Mo. Day Year 12 05 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Artist Read 32015K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Allen Carter		Signature Allen Carter		Mo. Day Year 12 05 02	

RECEIVED
12/16/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679


INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/06/02 as described on Hazardous Waste Manifest number NYB9724419 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8135716601
CWM Unit #: 1*0
Disposal Date: 12/06/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 240807
12/09/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/14/02

NYB9724428

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <i>NY1101010121213141516171819</i>	Manifest Doc. No. <i>00807</i>	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address <i>INLAND FISHER OUTDOOR GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486</i>				A. NYB9724428	
4. Generator's Telephone Number <i>(315)432-5314</i>					
5. Transporter 1 (Company Name) <i>U.S. Bulk Transport Inc.</i>		6. US EPA ID Number <i>PA02987347515</i>		B. Generator's ID SAME	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID <i>AD58336-NY</i>	
9. Designated Facility Name and Site Address <i>CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107</i>		10. US EPA ID Number <i>NY11010101213141516171819</i>		D. Transporter's Telephone <i>(814)8247994</i>	
				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () <i>716 754-8231</i>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. <i>RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III</i>			<i>01011 011</i>	<i>Est. 30000</i>	<i>K</i>
b.					
c.					
d.					
I. Waste No. EPA					
STATE					
EPA					
STATE					
EPA					
STATE					
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. <i>CP2002-PCB SOIL</i>			a. <input type="checkbox"/> L <input type="checkbox"/>		
b.			b. <input type="checkbox"/> <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. <i>PCB Out of Service Date: 12/5/02 SR# 1664678 -2 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 81568716</i>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <i>Edwin B. Rubin for James F. Houghton</i>		Signature <i>Edwin B. Rubin</i>		Mo. Day Year <i>12 05 02</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>DAVID L. LATAROP</i>		Signature <i>David L. Latarop</i>		Mo. Day Year <i>12 05 02</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <i>Actual Recd 29575 K</i>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Michelle Fleck</i>		Signature <i>Michelle Fleck</i>		Mo. Day Year <i>12 09 02</i>	

RECEIVED
12/19/02

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

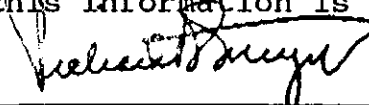
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/06/02 as described on Hazardous Waste Manifest number NYB9724428 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156871601
CWM Unit #: 1*0
Disposal Date: 12/06/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 240822
12/09/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/19/02

NYB9724437

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. *NY1001010121319141516* Manifest Doc. No. *00808* 2. Page 1 of *1* Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
**INLAND FISHER GUIDE GM
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486**
4. Generator's Telephone Number *(315)432-5314*

A. **NYB9724437**

5. Transporter 1 (Company Name) *U.S. Bulk Transport, Inc.* 6. US EPA ID Number *PAD987347515*

B. Generator's ID **NAME**

7. Transporter 2 (Company Name) 8. US EPA ID Number

C. State Transporter's ID *131207A-NY*

D. Transporter's Telephone *(819)8249997*

9. Designated Facility Name and Site Address
**UWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107** 10. US EPA ID Number *NY10049036679*

E. State Transporter's ID

F. Transporter's Telephone ()
G. State Facility ID
H. Facility Telephone () *716 754-8231*

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol 1. Waste No. EPA

a. **RO. POLYCHLORINATED BIPHENYLS,
SOLID MIXTURE, 9, UN2315, III** 0 0 1 0 1 *EST. 31.000* K

STATE **8007**

b. STATE

EPA

c. STATE

EPA

d. STATE

EPA

J. Additional Descriptions for Materials listed Above

K. Handling Codes for Wastes Listed Above

a. **CP2002-PCB SOIL** c.

a. L c.

15. Special Handling Instructions and Additional Information
a. **PCB Out of Service Date: 12/5/02** SR# *1064678-3*
CHENTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171
815 48707

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name *Edwin B. Rahn for James F. Heatt* Signature *Edwin B. Rahn* Mo. Day Year *12 05 02*

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name *Ricky A. Winickman* Signature *Ricky A. Winickman* Mo. Day Year *12 05 02*

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space
actual Recd 32233K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name *Michelle Fleck* Signature *Michelle Fleck* Mo. Day Year *12 06 02*

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

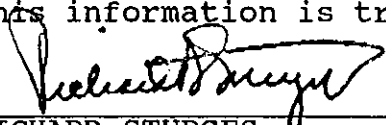
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/06/02 as described on Hazardous Waste Manifest number NYB9724437 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156870701
CWM Unit #: 1*0
Disposal Date: 12/06/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 240815
12/09/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/19/02

NYB9732699

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7962

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY00002239440	Manifest Doc. No. 00956	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0486				A. NYB9732699	
4. Generator's Telephone Number (315) 452-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Buffalo Fuel Corp		6. US EPA ID Number NYR000045724		C. State Transporter's ID AD15307M	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (609) 677-6082	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEST CITY NY 14107		10. US EPA ID Number NYB049036679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number	13. Total Quantity	14. Unit Wt/Vol
a. HQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			00101	EST. 32000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above CP2002-PCB SUII			K. Handling Codes for Wastes Listed Above		
a.			a.	b.	c.
b.			b.	c.	d.
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 12/20/02 SR# 1616194-1 CIENTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 81509504					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Nathyn Kape for James F Harbeck		Signature <i>[Signature]</i>		Mo. Day Year 12 20 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name S. Wilson		Signature <i>[Signature]</i>		Mo. Day Year 12 20 02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space At Rec. 268260 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Heck		Signature <i>[Signature]</i>		Mo. Day Year 12 20 03	

RECEIVED
12/2/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/23/02 as described on Hazardous Waste Manifest number NYB9732699 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156956401
CWM Unit #: 1*0
Disposal Date: 12/23/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 242252
12/26/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

REMOVED
1/2/03



NYB9732708

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 00957	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GROUP CORP 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9732708	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Price Trucking Corp		6. US EPA ID Number NYD0046765577		C. State Transporter's ID 2216AZNY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (200) 825-6000	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 DALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD0049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			00101	EST. 25,000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above		
a.			a. <input type="checkbox"/> c. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 12/20/02 SR# 666194-2 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Nathyn Krueger for James E. Hochstetler		Signature <i>Nathyn Krueger</i>		Mo. Day Year 12 20 02	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Ralph M. Cross		Signature <i>Ralph M. Cross</i>		Mo. Day Year 12 20 02	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Recd 25338K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Michelle Fleck					
Signature <i>Michelle Fleck</i>		Signature <i>Michelle Fleck</i>		Mo. Day Year 12 20 02	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/27/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

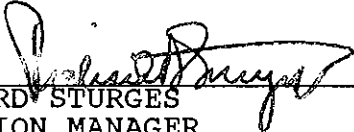
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/23/02 as described on Hazardous Waste Manifest number NYB9732708 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156953101
CWM Unit #: 1*0
Disposal Date: 12/23/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 242221
12/26/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
1/2/03

NYB9732717

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0004239440		Manifest Doc. No. 00958		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406						A. NYB9732717							
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID SAME							
5. Transporter 1 (Company Name) Bullard Fuel Corp			6. US EPA ID Number NYR000045724			C. State Transporter's ID AG 4544409							
7. Transporter 2 (Company Name)			8. US EPA ID Number			D. Transporter's Telephone (500) 617-0022							
9. Designated Facility Name and Site Address CVM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NYD049816679							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						001 DT		EST. 27,000		K		EPA STATE 80071	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above CP2602-PCB SOIL						K. Handling Codes for Wastes Listed Above							
a.						b.		c.		d.			
b.						b.		c.		d.			
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 12/29/05 SR# 1066194-3 CHEMTREC Emergency Response Number (800)424-9300 WHI Contract ERG#171 815695602													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Walter M. King for James F. Herbott				Signature [Signature]				Mo.		Day		Year	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Edward C. Kumath				Signature [Signature]				Mo.		Day		Year	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Mo.		Day		Year	
19. Discrepancy Indication Space Act Rec 29112K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck				Mo.		Day		Year	

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/27/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

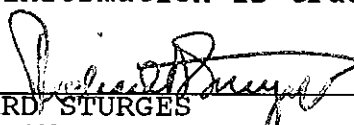
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 12/23/02 as described on Hazardous Waste Manifest number NYB9732717 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8156956201
CWM Unit #: 1*0
Disposal Date: 12/23/02

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 242250
12/26/02

For questions please call
our Customer Service Dept.
at (800) 843-3604

R.1/2/03.D

NYB9733347



00001

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0022203490	Manifest Doc. No. 01020	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER LODGE GA 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406				A. NYB9733347		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NYD097644801		C. State Transporter's ID AC25267-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 873-9703		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, I.L.L.U. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit W/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2815, III		003	DOT	EST. 20000	K	EPA STATE BOU7
b.						EPA STATE
c. 19 p/b 13663						EPA STATE
d. 19 p/b 13663						EPA STATE
J. Additional Descriptions for Materials listed Above a. CP2002 PCB SOLI				K. Handling Codes for Wastes Listed Above		
b.				a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 6/27/03 SR# 686117-5 CHEMREC Emergency Response Number (800)424-2300 UMI 815294492						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 06 27 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name STEPHAN KRUPNICKI		Signature Stephan Krupnicki		Mo. Day Year 06 27 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual rec'd. 1954 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name PATRICIA KUDWIG		Signature Patricia Kudwig		Mo. Day Year 06 30 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
7/7/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

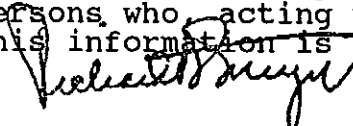
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 06/30/03 as described on Hazardous Waste Manifest number NYB9733347 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157442601
CWM Unit #: 1*0
Disposal Date: 06/30/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 249705
07/01/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
7/7/03

NYB9733698

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 01055	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CN 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9733698		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Wawona Tank Transport		6. US EPA ID Number NYD0077644801		C. State Transporter's ID AC25361-111		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 813-7723		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone (716) 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						I. Waste No.
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						EPA
						STATE
						EPA
						STATE
						EPA
						STATE
						EPA
						STATE
J. Additional Descriptions for Materials listed Above CF2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.				a. <input checked="" type="checkbox"/>		
b.				b. <input type="checkbox"/>		
c.				c. <input type="checkbox"/>		
d.				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/22/03 SR# 694755-6 CHEMTREC Emergency Response Number (800) 424-9300 MMI Contract ER0171 Tobacco (800) 535-5053 GM Contract 81577365						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Nancy Hope Be James F Hackett			Signature <i>Nancy Hope Be James F Hackett</i>		Mo. Day Year 09 22 03	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Karl J. Kros			Signature <i>Karl J. Kros</i>		Mo. Day Year 09 22 03	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Recd 27043K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Lynn Kiechowski			Signature <i>Lynn Kiechowski</i>		Mo. Day Year 09 22 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

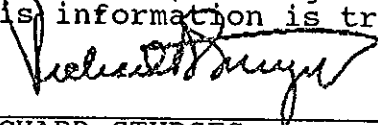
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/22/03 as described on Hazardous Waste Manifest number NYB9733698 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157736501
CWM Unit #: 1*0
Disposal Date: 09/22/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 253953
09/23/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733707

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 1310002257440	Manifest Doc. No. 01056	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GROUP INC 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9733707	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) B/HAIR TOW Corp		6. US EPA ID Number NYR020045724		C. State Transporter's ID AD15654-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (500) 677-6022	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol
		00101		28000	K
I. Waste No.					
EPA					
STATE					
EPA					
STATE					
EPA					
STATE					
EPA					
STATE					
J. Additional Descriptions for Materials listed Above CP2002-PCB SOLL					
K. Handling Codes for Wastes Listed Above					
a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/2/13 SR# 694455-7 CHEMREC Emergency Response Number (800) 424-9300 WMI Contract ERG114 Tribeca (800) 535-5053 GM Contract 81577393					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Nancy Kripke for James F. Kripke		Signature Nancy Kripke		Mo. Day Year 09 22 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name WARREN BAKER		Signature Warren Baker		Mo. Day Year 07 22 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
Actual Recd 29819K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name SHELLEY ROOP		Signature Shelley Roop		Mo. Day Year 09 23 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733707 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157739301
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254024
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733716

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10002238440	Manifest Doc. No. 01057	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER BLVD GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9733716		
4. Generator's Telephone Number (315) 432-5314						
5. Transporter 1 (Company Name) B. H. Fuel Corp		6. US EPA ID Number NYR000045724		C. State Transporter's ID AD5617-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677-3032		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone (716) 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		003	OT	28,000	%	EPA STATE 5007
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.		c.		a.	<input type="checkbox"/>	c.
b.		d.		b.	<input type="checkbox"/>	d.
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/22/03 SR# 694955-8 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 Infofac (800) 535-5053 GM Contract 81577398						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Natya Kize for James H. ...		Signature <i>[Signature]</i>		Mo. Day Year 09 22 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name RICHARD SHANLEY		Signature <i>[Signature]</i>		Mo. Day Year 09 22 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual recd 27651 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name SHELLEY ROOP		Signature <i>[Signature]</i>		Mo. Day Year 09 23 03		

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733716 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157739801
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254029
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733725

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY00002309440		Manifest Doc. No. 01058		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406						A. NYB9733725					
4. Generator's Telephone Number (315) 452-5314						B. Generator's ID NAME					
5. Transporter 1 (Company Name) B.H.L. Inc Corp			6. US EPA ID Number NYR0000045724			C. State Transporter's ID AD15638-NY		D. Transporter's Telephone (800) 677-8000			
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Telephone ()			
9. Designated Facility Name and Site Address CUM CHEMICAL SERVICES, I.E.C. 1550 PALMER RD. ROSEL CITY NY 14107				10. US EPA ID Number NY0049836679		G. State Facility ID					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit W/Vol	15. Waste No.
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2815, 111						30107		24000		K	EPA STATE
b.											EPA STATE
c.											EPA STATE
d.											EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above					
a.						a.		c.			
b.						b.		d.			
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/2/03 SR# 694455-9 CHEMTREC Emergency Response Number: (800) 424-9300 WPI Contract ERG#171 Triboro (800) 535-5053 GM Contract 81577413											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Diana White for James F. Harvath				Signature [Signature]				Mo. Day Year 09/24/03			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name Robert Adams				Signature [Signature]				Mo. Day Year 09/24/03			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space actual recd 26408 K											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.											
Printed/Typed Name SHELLEY KNOPP				Signature [Signature]				Mo. Day Year 09/23/03			

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733725 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157741301
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254037
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733734

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 0002239440		Manifest Doc. No. 01059		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0486						A. NYB9733734							
4. Generator's Telephone Number (315) 432-5314													
5. Transporter 1 (Company Name) Buffalo Fuel Corp			6. US EPA ID Number NYR000045724			B. Generator's ID SAME							
7. Transporter 2 (Company Name)			8. US EPA ID Number			C. State Transporter's ID AC 2546-10							
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 WALMER RD. MODEL CITY NY 14107						D. Transporter's Telephone (609) 667-2028							
						10. US EPA ID Number NYD049036679				E. State Transporter's ID			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2515, 111						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.	
								EST.		20000 K		EPA	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above							
a.						a.		c.					
b.						b.		d.					
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/22/03 SR# 674955-10 CHEMTREC Emergency Response Number (800) 424-9300 MHI Contract ERU#171 Tolocal (609) 535-5053 GM Contract 81577400													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Nathan M Kope for Jim F. Walker				Signature [Signature]				Mo. Day Year 09 22 03					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Paul F. Walker Jr.				Signature [Signature]				Mo. Day Year 09 22 03					
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space Actual Recd 22743 K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name SHELLEY ROOP				Signature [Signature]				Mo. Day Year 09 23 03					

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733734 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157740001
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254030
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733743

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NY120007232940 Manifest Doc. No. Q1060

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
WILAND FISHER COLLEGE GM
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0006
4. Generator's Telephone Number (315) 437-5314

A. **NYB9733743**

B. Generator's ID
SA19E

C. State Transporter's ID AC 256001

D. Transporter's Telephone 716 875 7222

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754-0231

5. Transporter 1 (Company Name)
101 Airways Tank Transport 6. US EPA ID Number
NYA0077644201

7. Transporter 2 (Company Name)

9. Designated Facility Name and Site Address
CWR CHEMICAL SERVICES, L.L.C.
1550 HALMER RD.
MODEL CITY NY 14107 10. US EPA ID Number
NYDD49836679

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit

a. RD. POLYCHLORINATED BIPHENYLS,
SOLID MIXTURE, 9, UN2515, III

00101 EST. 200,00 K I. Waste No.
EPA
STATE NY007

b.

EPA
STATE

c.

EPA
STATE

d.

EPA
STATE

J. Additional Descriptions for Materials listed Above
OP2602-PCB SOIL

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB out of Service Date: 9/22/23 SR# 694955-11
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171
Tolson (800)535-5053 GM Contract 81577438

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Nancy Lopez for James F. Lopez Signature Nancy Lopez Mo. Day Year 09/16/23

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Matt Fritton Signature Matt Fritton Mo. Day Year 09/22/23

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name _____ Signature _____ Mo. Day Year _____

19. Discrepancy Indication Space
actual recd 216064K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Michelle Fleck Signature Michelle Fleck Mo. Day Year 09/23/23

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

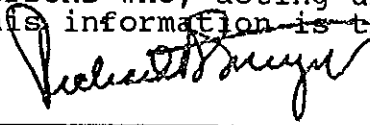
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733743 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157743801
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254063
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733752

DEPARTMENT OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 01061	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CORP 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9733752		
4. Generator's Telephone Number (315) 432-5314						
5. Transporter 1 (Company Name) V/S Bulk To Spill Inc		6. US EPA ID Number PA D987347515		B. Generator's ID SAME		
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID AZ 74114-24		
9. Designated Facility Name and Site Address GM CHEMICAL SERVICES, I.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		D. Transporter's Telephone (315) 651815		
				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, 0N2315, 111		20	DOT	300,00	K	STATE 0001
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-POB SUIJL				K. Handling Codes for Wastes Listed Above		
a.				a. <input type="checkbox"/>		
b.				b. <input type="checkbox"/>		
c.				c. <input type="checkbox"/>		
d.				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information						
a. PCB Out of Service Date: 9/24/93 SR# 694955-12						
CHEMTRAC Emergency Response Number (800) 424-9300 WHI CONTACT ARG#171 70462 (600) 535-5053 GM CONTACT 8157.7386						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Nalaya Kumbhar James F. Harrold		Signature <i>[Signature]</i>		Mo. Day Year 09 22 93		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Mo. Day Year 09 23 93		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual recd 32730 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name SHELLEY ROOP		Signature <i>[Signature]</i>		Mo. Day Year 09 23 93		

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

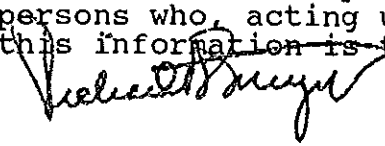
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733752 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157738601
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254018
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733761

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD0002232440 Manifest Doc. No. Q1,062

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER GUIDE INC
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0000

A. **NYB9733761**

4. Generator's Telephone Number (315) 432-5314

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
US Bulk Transport Inc.

C. State Transporter's ID XY21657-PA

6. US EPA ID Number PAID987347515
7. Transporter 2 (Company Name)
8. US EPA ID Number

D. Transporter's Telephone (800) 651-5151

E. State Transporter's ID

F. Transporter's Telephone ()

9. Designated Facility Name and Site Address
UMI CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

G. State Facility ID

H. Facility Telephone ()
716 754-8231

10. US EPA ID Number NYD0049836679

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	15. Waste No. EPA
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III	<u>00101</u>	<u>23000</u>	<u>K</u>	<u>STATE 8007</u>
b.				EPA
c.				STATE
d.				EPA
				STATE

J. Additional Descriptions for Materials listed Above
CP2002-PCB SOIL

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 9/22/03 SR# 694955-13
CHEMTREC Emergency Response Number (800) 424-9300 UMI Contract ERG#171
Totocal (800) 535-5053 GM Contract 81577388

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name John F. Hancock Signature [Signature] Mo. Day Year 09 22 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Kenneth J. [Signature] Signature [Signature] Mo. Day Year 09 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name _____ Signature _____ Mo. Day Year _____

19. Discrepancy Indication Space
Actual Recd 25601 K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name SHELLEY ROOP Signature [Signature] Mo. Day Year 09 23 03

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

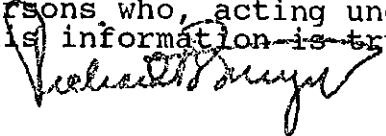
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733761 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157738801
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254019
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733779

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NY10002239490 Manifest Doc. No. 101063

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER OUTLE GM
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486

A. **NYB9733779**

4. Generator's Telephone Number (315) 432-5314

B. Generator's ID
NAME

5. Transporter (Company Name)
US Bulk Transport Inc.

6. US EPA ID Number
PAD967347515

C. State Transporter's ID AH67323-NY

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone (888) 651-3182

9. Designated Facility Name and Site Address
CWR CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NYD049836679

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste No.

a. **RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III**

EST. 29000 K

b.

STATE

c.

EPA STATE

d.

EPA STATE

e.

EPA STATE

f.

EPA STATE

g.

EPA STATE

J. Additional Descriptions for Materials listed Above
CP2002-PCB SOIL

K. Handling Codes for Wastes Listed Above

a.

a. b. c. d.

b.

b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 9/22/03 SR# 614955-14

ChemTREC Emergency Response Number (800) 424-9300 WMI Contract 6807174
Tobral (800) 535-5053 GM Contact 815 773 710

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Nathyn Krupz for Jim F Harshbarger Signature Nathyn Krupz Mo. Day Year 09 22 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name JOHN E TRICH Signature John E Trich Mo. Day Year 09 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name _____ Signature _____ Mo. Day Year _____

19. Discrepancy Indication Space
Actual recd 3,879 K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Shelley Krupz Signature Shelley Krupz Mo. Day Year 09 23 03

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

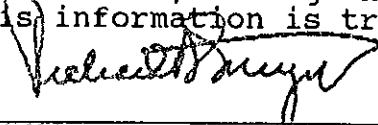
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733779 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157739001
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254021
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733788

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N Y D O E 2 2 2 9 4 0	Manifest Doc. No. 01004	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address WILAND FISHER CANDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0400				NYB9733788	
4. Generator's Telephone Number (315) 432-5314					
5. Transporter 1 (Company Name) U.S. Bulk Transport Inc.		6. US EPA ID Number PA D9 87347515		C. State Transporter's ID XS19525-PA	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (330) 651-8132	
9. Designated Facility Name and Site Address CMB CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number N Y D O E 9 8 3 6 6 7 9		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID 25802 K	
				H. Facility Telephone (716) 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RU, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		001 DT	EST. 200.00 K		EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOL.			K. Handling Codes for Wastes Listed Above		
a.			a. <input type="checkbox"/> L <input type="checkbox"/>		
b.			b. <input type="checkbox"/> <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 9/22/03 SR# 694955-15 CHEMTREC Emergency Response Number (800) 424-9300 WHI Contract #1004171 Intotrac (800) 535-5053 81577429					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Nathyn Knipe for Jim F. Hartnett		Signature <i>Jim F. Hartnett</i>		Mo. Day Year 09 22 03	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Todd Stappenbeck		Signature <i>Todd Stappenbeck</i>	
				Mo. Day Year 09 22 03	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
				Mo. Day Year	
19. Discrepancy Indication Space Actual recd 3138 K 25802 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Linda-Ann M. Desha		Signature <i>Linda-Ann M. Desha</i>		Mo. Day Year 09 22 03	

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/23/03 as described on Hazardous Waste Manifest number NYB9733788 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157742901
CWM Unit #: 1*0
Disposal Date: 09/23/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254056
09/24/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733797

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD0002239440
Manifest Doc. No. 101005

2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER OUTLE GR
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486

A. NYB9733797

4. Generator's Telephone Number (315) 432-5314

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
U.S. Bulk Transport, Inc.

6. US EPA ID Number
PAD987347515

C. State Transporter's ID AD65298-NY

D. Transporter's Telephone (888) 6518182

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ()

9. Designated Facility Name and Site Address
UNM CHEMICAL SERVICES, L.L.C.
1556 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NYD049836679

G. State Facility ID

H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type
13. Total Quantity
14. Unit Wt/Vol
I. Waste No.

a. RQ, POLYCHLORINATED BIPHENYLS,
SOLID MIXTURE, 9, UN2315, III

DOT EST. 30,000 K
EPA STATE NY

11. US DOT Description	12. Containers	13. Total	14. Unit	I. Waste No.
a.	Number	Quantity	Wt/Vol	EPA
b.				EPA
c.				STATE
d.				EPA
				STATE

J. Additional Descriptions for Materials listed Above

a. CP2002-PCB SOIL

K. Handling Codes for Wastes Listed Above

a.	b.	c.	d.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. Special Handling Instructions and Additional Information

a. PCB Out of Service Date: 9/23/03 SR# 1095143-1

CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171
INFOTRAC (800) 535-5053 GM Contract 8517442

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations

If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Edwin B. Rubin for James F. Hartnett
Signature: Edwin B. Rubin
Mo. Day Year: 09 23 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kevin M. Henry
Signature: Kevin M. Henry
Mo. Day Year: 09 23 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: [Signature]
Signature: [Signature]
Mo. Day Year: [Signature]

19. Discrepancy Indication Space

actual Recd 32468K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Ellen Carter
Signature: Ellen Carter
Mo. Day Year: 09 24 03

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

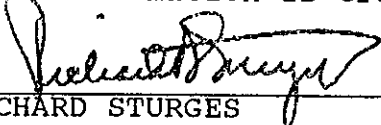
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733797 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157744201
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254138
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733806



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY00002239440	Manifest Doc. No. 01066	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0986				A. NYB9733806	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID XY21657-PA	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 651-8182	
9. Designated Facility Name and Site Address CUMMINS CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers Number	13. Total Quantity
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III				Type	14. Unit W/Vol
					I. Waste No.
					EPA
					STATE
					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above CP2002 PCB SOIL				K. Handling Codes for Wastes Listed Above	
a.				a.	c.
b.				b.	d.
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-2 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81577454 (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hoytrett		Signature Edwin B. Rahn		Mo. Day Year 09 23 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Ronald J. ...		Signature Ronald J. ...		Mo. Day Year 09 23 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec. 30545K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 23 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

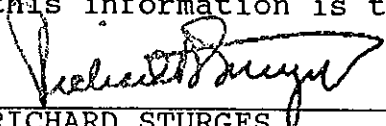
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733806 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157745401
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254148
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733815



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002209440	Manifest Doc. No. 01067	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9733815		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID AH 67323-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 6518182		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers		13. Total
				Number	Type	Quantity
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2815, III				00107		29,000
						EST.
						K
J. Additional Descriptions for Materials listed Above CP2002 PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.				a. <input checked="" type="checkbox"/>		
b.				b. <input type="checkbox"/>		
c.				c. <input type="checkbox"/>		
d.				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-3						
CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 8157452 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rehn for James F. Hartnett		Signature <i>Edwin B. Rehn</i>		Mo. Day Year 09 23 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN ETRICH		Signature <i>John Etrich</i>		Mo. Day Year 09 23 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act Rec 29094 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 09 24 03		



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

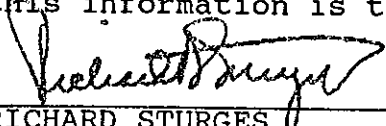
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733815 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157745201
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DIVISION MANAGER
Certificate # 254147
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733824

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002233440	Manifest Doc. No. 01,068	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER LODGE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486 4. Generator's Telephone Number (315) 432-5314				A. NYB9733824		
5. Transporter 1 (Company Name) Tomaswanda Tank		6. US EPA ID Number NYD097644801		B. Generator's ID SAME		
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID AC 25358-NY		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD0047030679		D. Transporter's Telephone (716) 8739703		
				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		001	DT	EST. 2,000.00	K	EPA STATE 8007
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.		c.		a.	<input checked="" type="checkbox"/>	c.
b.		d.		b.	<input type="checkbox"/>	d.
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>9/23/03</u> SR# <u>695143-4</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract BRG#171 <u>81577480</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 09 23 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name STEPHAN KRUPNICKI		Signature Stephan Krupnicki		Mo. Day Year 09 23 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act. Rec 19042K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 24 03		

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733824 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157748001
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254171
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733833

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 101069	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.				
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYB9733833					
4. Generator's Telephone Number (315) 432-5114				B. Generator's ID SAME					
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR000045724		C. State Transporter's ID AD15822-NY					
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677-8002					
9. Designated Facility Name and Site Address CGM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NYD049836679		E. State Transporter's ID			
				F. Transporter's Telephone ()		G. State Facility ID			
				H. Facility Telephone (716) 754-8231					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
a. RU, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III						00101	29,000	K	STATE
b.									EPA
c.									STATE
d.									EPA
									STATE
J. Additional Descriptions for Materials listed Above PCB 2002-PCB 5011						K. Handling Codes for Wastes Listed Above			
a.						a.	<input type="checkbox"/>	c.	<input type="checkbox"/>
b.						b.	<input type="checkbox"/>	d.	<input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03						SR# 695143-5 8159946			
CHEMTREC Emergency Response Number (800) 535-5053 GM Contract						INFOTRAC			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Edwin B. Kahn for James F. Hestnett				Signature Edwin B. Kahn			Mo. Day Year 09 23 03		
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name Mark Jaguisk				Signature Mark Jaguisk			Mo. Day Year 09 23 03		
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature			Mo. Day Year		
19. Discrepancy Indication Space actual Recd 32042 K									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name EILEEN CARTER				Signature Eileen Carter			Mo. Day Year 09 24 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

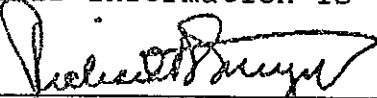
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733833 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157746601
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254159
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733842

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



E-1111

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY1000423440		Manifest Doc. No. 01070		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0906						A. NYB9733842					
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID NAME					
5. Transporter 1 (Company Name) Buffalo Fuel Corp.			6. US EPA ID Number NYR000045724			C. State Transporter's ID AB 31506-NY					
7. Transporter 2 (Company Name)			8. US EPA ID Number			D. Transporter's Telephone (800) 677802					
9. Designated Facility Name and Site Address EWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						E. State Transporter's ID					
10. US EPA ID Number NYD049536679						F. Transporter's Telephone ()					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III						Number Type		Quantity		Wt/Vol	
						00101		280.00		K	
								EST		EPA	
										STATE	
										EPA	
										STATE	
										EPA	
										STATE	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOLID						K. Handling Codes for Wastes Listed Above					
a.						a.		c.			
b.						b.		d.			
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>9/23/03</u> SR# <u>695143-6</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG8171 INFOTRAC <u>8157448</u> (800) 535-5053 GM Contract											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Edwin B. Rahn for James F. Hartnett				Signature Edwin B. Rahn				Mo. Day Year 09/23/03			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name Joe Meyers				Signature Joe Meyers				Mo. Day Year 09/23/03			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space Act Rec 31979 K											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck				Mo. Day Year 09/23/03			

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733842 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157744801
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254144
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733851

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 01071	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.		
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYB9733851			
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME			
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR0000045724		C. State Transporter's ID AD88764-NY			
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (500) 778-2222			
9. Designated Facility Name and Site Address OWA CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NYD0049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()		G. State Facility ID	
				H. Facility Telephone (716) 754-8231			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers	
						Number	
						Type	
						13. Total	
						Quantity	
						14. Unit	
						Wt/Vol	
						I. Waste No.	
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						EST.	
						29000	
						K	
						EPA	
						STATE	
						EPA	
						STATE	
						EPA	
						STATE	
						EPA	
						STATE	
J. Additional Descriptions for Materials listed Above CF2007-PCB SOIL						K. Handling Codes for Wastes Listed Above	
a.						a.	
b.						b.	
c.						c.	
d.						d.	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-7 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC (800) 535-5053 GM Contract 8577444							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Edwin B. Rahn for James F. Hartnett				Signature Edwin B. Rahn		Mo. Day Year 09/23/03	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name PATRICK FALUSKO				Signature Patrick Falusko		Mo. Day Year 09/23/03	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Mo. Day Year	
19. Discrepancy Indication Space Act Rec. 33838K							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck		Mo. Day Year 09/24/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

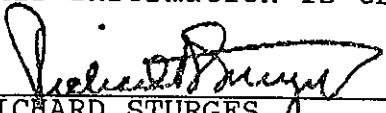
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733851 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157744401
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254140
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733869

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD002239440	Manifest Doc. No. 01072	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				NYB9733869	
4. Generator's Telephone Number (315) 432-5314					
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAID987347515		C. State Transporter's ID XW103964-PA	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 6518182	
9. Designated Facility Name and Site Address CMV CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone (716) 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. NG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			00101	30000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above		
a.			a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB out of service Date: 9/23/03 SR# 695143-8 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 8577455 (800) 535-5053 CM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartnett		Signature Edwin B. Rubin		Mo. Day Year 09 23 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Kevin Hicks		Signature Kevin Hicks		Mo. Day Year 09 23 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act Rec. 31353K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 24 03	

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

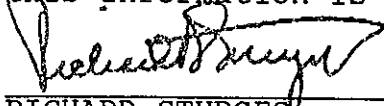
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733869 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157745501
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254149
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733878

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0902239440	Manifest Doc. No. 01073	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0486 4. Generator's Telephone Number (315) 432-5314				A. NYB9733878	
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		B. Generator's ID SAME	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID AD35962-NY	
9. Designated Facility Name and Site Address OWB CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MUNDEL CITY NY 14107		10. US EPA ID Number NYD049036079		D. Transporter's Telephone (288) 6518182	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity	
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		0010T		EST. 300.00 K	
b.				EPA STATE	
c.				EPA STATE	
d.				EPA STATE	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL		K. Handling Codes for Wastes Listed Above			
a.		c.		a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
b.		d.		b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-9 CHEMTREC Emergency Response Number (800) 424-9300 WML Contract BRG#171 INFOTRAC 815 17402 (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hestrett		Signature Edwin B Rubin		Mo. Day Year 09 23 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Dave Hicks		Signature Dave Hicks		Mo. Day Year 09 23 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Recd 33593K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name BILLEN CARTER		Signature Billen Carter		Mo. Day Year 09 24 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

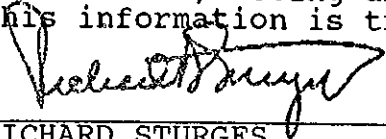
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733878 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157746201
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254155
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733887

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST.
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0049836679		Manifest Doc. No. Q1074		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13208-0400						A. NYB9733887					
4. Generator's Telephone Number (315) 432-5319											
5. Transporter 1 (Company Name) Page E.T.C.			6. US EPA ID Number MYD986969947			B. Generator's ID SAME					
7. Transporter 2 (Company Name)			8. US EPA ID Number			C. State Transporter's ID 2945B7-NY					
9. Designated Facility Name and Site Address OWN CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107			10. US EPA ID Number NYD049836679			D. Transporter's Telephone (800)2332126					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
						Number		Type		Quantity	
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2015, III						0010T		28,000		K	
b.										EPA	
c.										STATE	
d.										EPA	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above					
a.										c.	
b.										d.	
15. Special Handling Instructions and Additional Information a. PCB out of service Date: 9/23/03 SR# 695143-10 CHEMTREC Emergency Response Number (800)424-9300 WRI Contract ERG#171 INFOTRAC 81577472 (800) 535-5053 GM Contract											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Edwin B. Redin for James F. Hartnett				Signature Edwin B. Redin				Mo. Day Year 09 23 03			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name Clair Kerrickson				Signature Clair Kerrickson				Mo. Day Year 09 23 03			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space Act. Rec. 34038 K											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck				Mo. Day Year 09 24 03			



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

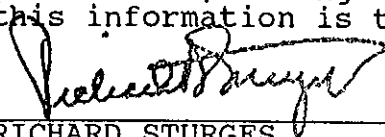
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733887 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157747201
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254164
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733896

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0902239440	Manifest Doc. No. 01075	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0406				A. NYB9733896		
4. Generator's Telephone Number (315) 432-5319				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Tonawanda Tank		6. US EPA ID Number NYD097644801		C. State Transporter's ID A025301NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 8139703		
9. Designated Facility Name and Site Address CVM CHEMICAL SERVICES, L.L.C. 1550 HALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD099836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8251		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2815, III		001	DT	20,000	K	STATE 8007
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above a. CP2002 PCB SOLID				K. Handling Codes for Wastes Listed Above		
b.				a. <input type="checkbox"/>		
c.				c. <input type="checkbox"/>		
d.				b. <input type="checkbox"/>		
d.				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 9/23/03 SR# 695143-11 CHEMTRAC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC (800) 535-5053 GM Contract 81577486						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Kahn for James F. Heitmett		Signature Edwin B. Kahn		Mo. Day Year 09 23 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Karl J. West		Signature Karl J. West		Mo. Day Year 2 12 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual Recd 20757K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 24 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

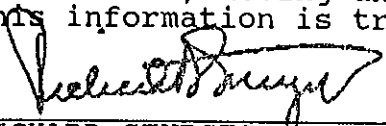
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733896 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157748601
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254175
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733905

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 01076	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER LODGE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0480				A. NYB9733905	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID XS14525-PA	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone 8886518182	
9. Designated Facility Name and Site Address UWM CHEMICAL SERVICES, L.L.C. 1550 DALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
10. US EPA ID Number NYD049836679					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol
a. RU, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		001	DT	20000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL		K. Handling Codes for Wastes Listed Above			
a.		c.		a. <input type="checkbox"/>	
b.		d.		b. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-12 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract BRG#171 INFOTRAC 81577465 (800)535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Kahn for James F. Hirtnett		Signature Edwin B. Kahn		Mo. Day Year 09/23/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Todd Stappenbeck		Signature Todd Stappenbeck		Mo. Day Year 09/23/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual Recd 24585K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name LILEEN CARTER		Signature Lileen Carter		Mo. Day Year 09/24/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

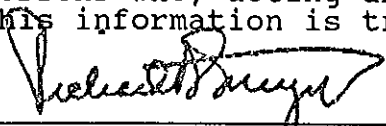
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733905 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157746501
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254158
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733914

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NYD0002239440** Manifest Doc. No. **01077**

2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
**INLAND FISHER GUIDE ON
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486**

A. NYB9733914

4. Generator's Telephone Number **(315) 432-5314**

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
Page E.T.C., Inc.

6. US EPA ID Number
NYD986969947

C. State Transporter's ID **293887-NY**

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone **(800) 233-2126**

E. State Transporter's ID

9. Designated Facility Name and Site Address
**COM CHEMICAL SERVICES, L.L.C.
1050 BALMER RD.
MODEL CITY NY 14107**

10. US EPA ID Number
NYD049836679

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone **(716) 754-8231**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type
13. Total Quantity
14. Unit Wt/Vol

a. **RO. POLYCHLORINATED BIPHENYLS,
SOLID MIXTURE, 9, UN2315, III**

EST.
0010T 28000 K

1. Waste No.
EPA
STATE
EPA
STATE
EPA
STATE
EPA
STATE

J. Additional Descriptions for Materials listed Above
CP2002-PCB SOIL

K. Handling Codes for Wastes Listed Above

a. b. c. d.

a. b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: **9/23/03** SR# **695143-13**

CHEMTREC Emergency Response Number (800) 424-9300 MMI Contract ERG#171
INFOTRAC (800) 535-5053 GM Contract 81577408

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Edwin B. Rahn for James F. Hartnett** Signature **Edwin B. Rahn** Mo. Day Year **09 23 03**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name **KRAN Schierble** Signature **Kran Schierble** Mo. Day Year **09 23 03**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

actual Recd 27778K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name **Allen Carter** Signature **Allen Carter** Mo. Day Year **09 24 03**

In case of emergency or spill, immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733914 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157746801
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254160
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



NYB9733923

Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002233440	Manifest Doc. No. 01D78	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER COLLEGE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0400				A. NYB9733923	
4. Generator's Telephone Number (315) 432 5310		6. US EPA ID Number NYD986969947		B. Generator's ID SAME	
5. Transporter 1 (Company Name) Page E. T. C., Inc.		8. US EPA ID Number		C. State Transporter's ID 245087-NY	
7. Transporter 2 (Company Name)		10. US EPA ID Number		D. Transporter's Telephone (800) 233 2126	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, U.S.U. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			001DT	EST. 24,000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above		
a.			a. <input type="checkbox"/> L <input type="checkbox"/>		
b.			b. <input type="checkbox"/> c. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-14			CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81577469 (800) 535-5053 GM Contract		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 09 23 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name John Schrieble		Signature John Schrieble		Mo. Day Year 09 23 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act Rec. 25392 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 24 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679


INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733923 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157746901
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254161
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733932

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY00002239440		Manifest Doc. No. 01079		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address INLAND FISHER COILS GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0486						A. NYB9733932					
4. Generator's Telephone Number (315) 432-5314											
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.				6. US EPA ID Number PA2987347515		C. State Transporter's ID AB58310-NY					
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Telephone (888) 6518102					
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NYD049836679		E. State Transporter's ID			
								F. Transporter's Telephone ()			
								G. State Facility ID			
								H. Facility Telephone () 716 754-8231			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
						Number		Type		Quantity	
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2915, III						0010T		29000K		EPA STATE	
b.										EPA STATE	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above					
a.						b.		c.		d.	
b.						c.		d.		e.	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-15 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 8577461 (800) 535-5053 GM Contract											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Edwin B. Rahn for James F. Hartnett				Signature Edwin B. Rahn				Mo. Day Year 09 23 03			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name Jeffrey Hancock				Signature Jeffrey Hancock				Mo. Day Year 09 23 03			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space actual Recd 31934K											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name EILEEN CARTER				Signature Eileen Carter				Mo. Day Year 09 24 03			



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

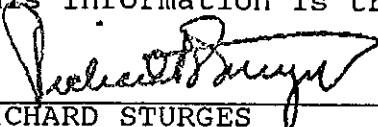
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733932 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157746101
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254154
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733941

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY1000223940	Manifest Doc. No. 01080	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9733941	
4. Generator's Telephone Number (315) 432-5314					
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		B. Generator's ID NAME	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID AB58304-NY	
9. Designated Facility Name and Site Address CWB CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY10049836679		D. Transporter's Telephone (888) 6518182	
				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-3231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers	13. Total	14. Unit
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			Number	Quantity	Wt/Vol
			Type		
				EST.	
			0,0101	22,000	K
I. Waste No.					
EPA					
STATE					
11007					
b.					
EPA					
STATE					
c.					
EPA					
STATE					
d.					
EPA					
STATE					
J. Additional Descriptions for Materials listed Above CD2602-PCB SOIL			K. Handling Codes for Wastes Listed Above		
a.			a. <input type="checkbox"/>		
b.			b. <input type="checkbox"/>		
c.			c. <input type="checkbox"/>		
d.			d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information					
a. PCB out of Service Date: <u>9/23/03</u> SR# <u>695143-16</u>					
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171					
INFOTRAC <u>81577459</u> (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 09 23 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Wayne Wallace		Signature Wayne Wallace		Mo. Day Year 09 23 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec 29293K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 24 03	



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733941 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157745901
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254152
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733959

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD000223940		Manifest Doc. No. 01081		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						A. NYB9733959							
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID SAME							
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.				6. US EPA ID Number PAD987347515		C. State Transporter's ID AJ16180-NY							
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Telephone (888) 6518182							
9. Designated Facility Name and Site Address UWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. ROSEL CITY NY 14107						10. US EPA ID Number NYD0049836679		E. State Transporter's ID					
								F. Transporter's Telephone ()					
								G. State Facility ID					
								H. Facility Telephone () 716 754-8231					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.	
a. 80% POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						00301		22500 K		EST.		EPA STATE	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above							
a.						L		c.					
b.								d.					
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 9/23/03 SR# 695143-17 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81511446 (800) 535-5053 GM Contract													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Edwin B. Rahn for James F. Nuttall				Signature Edwin B. Rahn				Mo. Day Year 09 23 03					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Robert K. Gattuso				Signature [Signature]				Mo. Day Year 09 23 03					
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space Act Rec 22090 K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck				Mo. Day Year 09 24 03					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

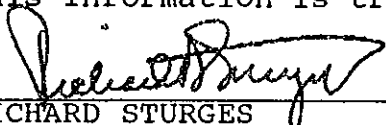
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received wastematerial from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733959 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157744601
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DIVISION MANAGER
Certificate # 254142
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9733968

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002233440	Manifest Doc. No. Q1082	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYB9733968	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number RAD 987347515		C. State Transporter's ID AJ87805-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 651-8182	
9. Designated Facility Name and Site Address CWH CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			00101	EST. 23,000	K K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above		
a.			a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>9/23/03</u> SR# <u>695143-18</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERGM171 INFOTRAC <u>81577458</u> (800) 535-5053 GM CONTRACT					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Haytne II		Signature Edwin B. Rubin		Mo. Day Year 09 23 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Greg Gaudin		Signature Greg Gaudin		Mo. Day Year 09 23 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec. 25909 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 09 24 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

Federal EPA ID: NYD049836679

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from INLAND FISHER GUIDE, GM on 09/24/03 as described on Hazardous Waste Manifest number NYB9733968 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157745801
CWM Unit #: 1*0
Disposal Date: 09/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DIVISION MANAGER
Certificate # 254151
09/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

NYB9734184

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 0310002239400	Manifest Doc. No. 01104	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13205-0486				A. NYB9734184	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NYD097644801		C. State Transporter's ID AC25362-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 939703	
9. Designated Facility Name and Site Address CWR CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					
a. RW, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2015, 111		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol
		001	DT	21000	K
				EST.	
					I. Waste No. EPA
					STATE
					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above CR2002-PCB SOIL				K. Handling Codes for Wastes Listed Above	
a.				a. <input type="checkbox"/> L <input type="checkbox"/>	
b.				b. <input type="checkbox"/> <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 10/28/03 SR# 698428-1 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579150 (800) 535-5052 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin Brabin for James F. Hartnett		Signature Edwin Brabin		Mo. Day Year 11/28/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Bruce Youum		Signature Bruce Youum		Mo. Day Year 10/28/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec. 199967K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/29/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

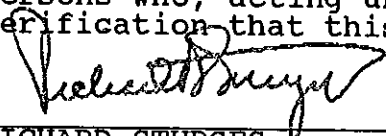
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734184 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157915001
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256309
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RL4/03.D

NYB9734193

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. Q1105	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9734193		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Bathco Fuel Corp.		6. US EPA ID Number NYR000045724		C. State Transporter's ID ACH5444-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 6778002		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone (716) 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2515, III		00101	DT	EST. 28000	K	STATE BWP1
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.		c.		a.	<input checked="" type="checkbox"/>	b.
b.		d.		b.	<input type="checkbox"/>	d.
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-2 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 815-14088 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin Braka for James F. Ikuta 11		Signature Edwin Braka		Mo. Day Year 10 28 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name EDWARD C. KUNATH		Signature Edward C. Kunath		Mo. Day Year 10 28 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space actual Recd 22767K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name ELLEN CARTON		Signature Ellen Carton		Mo. Day Year 10 28 03		

R114/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

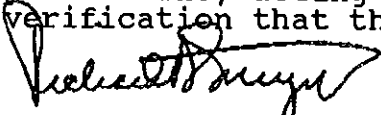
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734193 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157908801
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256254
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 11/4/03

NYB9734202

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N Y D 0 9 2 2 3 9 4 4 0	Manifest Doc. No. 011106	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.		
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9734202			
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME			
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number N Y D 0 9 7 6 4 4 8 0 1		C. State Transporter's ID AC 25378-NY			
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 873-1103			
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number N Y D 0 4 9 8 3 6 6 7 9		E. State Transporter's ID	
				F. Transporter's Telephone ()		G. State Facility ID	
				H. Facility Telephone () 716 754-0231			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers	
						Number	
						Type	
						13. Total Quantity	
						14. Unit Wt/Vol	
						I. Waste No.	
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2015, III						EST.	
						2,0000	
						K	
						EPA	
						STATE	
						EPA	
						STATE	
						EPA	
						STATE	
J. Additional Descriptions for Materials Listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above	
a.						a.	
b.						b.	
c.						c.	
d.						d.	
15. Special Handling Instructions and Additional Information							
a. PCB Out of Service Date: <u>10/28/03</u> SR# <u>698428-3</u>							
CHEMTRAC Emergency Response Number (800) 424-9300 MMI Contract ENG#171 <u>INFOTRAC 81579135 (800) 535-5053 GM Contract</u>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Edwin B. Rubin for James F. Herlihy				Signature Edwin B. Rubin			
				Mo. Day Year 11/28/03			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name STEPHAN KRUPNICKI				Signature Stephan Krupnicki			
				Mo. Day Year 11/28/03			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature			
				Mo. Day Year			
19. Discrepancy Indication Space Oct. Rev. 20357 K							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck			
				Mo. Day Year 10/29/03			

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734202 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157913501
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256297
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/4/03

NYB9734211

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 01107	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GOLDS GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9734211		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR000045724		C. State Transporter's ID AD88764-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677-8002		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total	14. Unit
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III				Number	Quantity	Wt/Vol
				Type		
					EST.	K
				00101	30000	
I. Waste No.				EPA		
				STATE		
				8007		
b.				EPA		
				STATE		
c.				EPA		
				STATE		
d.				EPA		
				STATE		
J. Additional Descriptions for Materials listed Above CP2002-PCB SOL.				K. Handling Codes for Wastes Listed Above		
a.				a. <input type="checkbox"/>		
				c. <input type="checkbox"/>		
b.				b. <input type="checkbox"/>		
				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information						
a. PCB Out of Service Date: 10/28/03 SR# 698428-4						
CENTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171						
INFOTRAC 81579119 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B Rahn for James F. Hartnett		Signature Edwin B Rahn		Mo. Day Year 10 28 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name MARK FALTSKAC		Signature Mark Faltskac		Mo. Day Year 10 28 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space actual Recd 50173K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name EILEEN CARTON		Signature Eileen Carton		Mo. Day Year 10 28 03		

R 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734211 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157911901
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256281
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 10/30/03 D

NYB9734229

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10002239440	Manifest Doc. No. 01108	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER COLOR CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9734229		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NY10097644801		C. State Transporter's ID AC 25364-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 873 9700		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1500 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY10049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total	14. Unit	15. Waste No.	
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		Number	Quantity	WV/Vol	EPA	
		Type	EST.		STATE	
			20,000	K	EPA	
					STATE	
					EPA	
					STATE	
					EPA	
					STATE	
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOLID				K. Handling Codes for Wastes Listed Above		
				a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/26/03 SR# 698428-5						
CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579162 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin Brahn for James F. Hartnett		Signature Edwin Brahn		Mo. Day Year 10/28/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name William J. Donham		Signature William J. Donham		Mo. Day Year 11/02/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act Rec. 22752 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/29/03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

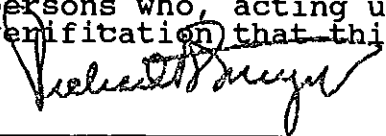
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734229 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157916201
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256319
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R.11/4/03.D

NYB9734238

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST
1. Generator's US EPA No. NYD0002239940
Manifest Doc. No. 01109
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address: INLAND FISHER GUIDE GM, 1 GENERAL MOTORS DR, SYRACUSE, NY 13206-0486
4. Generator's Telephone Number: (315) 432-5314
5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: 045724
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address: CWN CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number): a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111
12. Containers: 00107
13. Total Quantity: 28000
14. Unit: K
15. Special Handling Instructions and Additional Information: a. PCB Out of Service Date: 10/28/03
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations...
17. Transporter 1 Acknowledgement of Receipt of Materials: Paul F. Walker Jr.
18. Transporter 2 Acknowledgement of Receipt of Materials:
19. Discrepancy Indication Space: actual Recd 27697K
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Eileen Carter

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

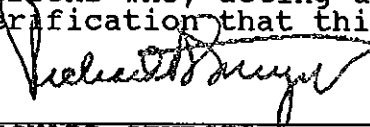
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734238 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157912401
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256286
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

REMOVED
R 11/4/03 D

NYB9734247

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. #110002239490	Manifest Doc. No. 01110	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER COILS GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYB9734247		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NY.R00.0045724		C. State Transporter's ID AB 31513-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 678-822		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY.D049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2515, III		001	DT	EST. 28000	K	EPA
b.						STATE 8007
c.						EPA
d.						STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL		K. Handling Codes for Wastes Listed Above				
b.		a.		c.		
		b.		d.		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-7915-19122 CHEMTREC Emergency Response Number (800)424-9300 (WM) Contract ERG#171 INFOTRAC (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Huhls II		Signature Edwin B. Rahn		Mo. Day Year 10 28 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Douglas K STANGE		Signature Douglas K Stange		Mo. Day Year 10 28 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space actual Recd 26281K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10 29 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
R/11/4/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

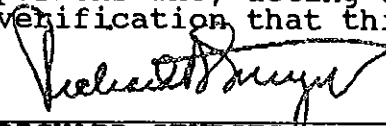
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734247 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157912201
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256284
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R.11/4/03 ID

NYB9734256



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440		Manifest Doc. No. 01111		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.															
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						A. NYB9734256																	
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID SAME																	
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.				6. US EPA ID Number PAP987347515		C. State Transporter's ID AL95899-NY																	
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Telephone (888) 6518182																	
9. Designated Facility Name and Site Address UNM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NYD049036679																	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.											
a. NO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						00103		EST. 29900		K		EPA STATE											
b.												EPA STATE											
c.												EPA STATE											
d.												EPA STATE											
J. Additional Descriptions for Materials listed Above a. WP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>																	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 648428-8 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579120 (800) 535-5053 GM Contract																							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										Printed/Typed Name Edwin B. Rahn for James F. Hurlburt				Signature Edwin B. Rahn				Mo. Day Year 10 28 03					
17. Transporter 1 Acknowledgement of Receipt of Materials										Printed/Typed Name KEVIN TAPPER				Signature Kevin Tapper				Mo. Day Year 10 28 03					
18. Transporter 2 Acknowledgement of Receipt of Materials										Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space actual Recd 31362K																							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										Printed/Typed Name ELLEN CARTER				Signature Ellen Carter				Mo. Day Year 10 29 03					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
11/4/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

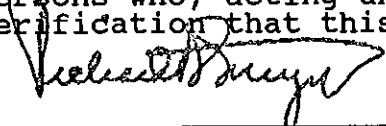
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734256 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157912001
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256282
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R11/4/03 D

NYB9734265

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440	Manifest Doc. No. 011/12	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9734265		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAID987347515		C. State Transporter's ID XS36220-PA		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888)6518182		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone (716) 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total	14. Unit
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III				Number	Quantity	Wt/Vol
				Type		
					EST.	
				00101	29000	K
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.				a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b.				b.	<input type="checkbox"/>	<input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-912						
CHEMTREC Emergency Response Number (800)424-9300 NHI Contract ERG#171 INFOTRAC 81579129 (800)535-5093 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin Braun for James F. Hartnett		Signature Edwin Braun		Mo. Day Year 10 28 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN ETRICH		Signature John Etrich		Mo. Day Year 10 28 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act. Rec. 29738 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10 28 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

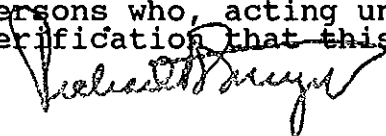
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734265 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157912901
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256291
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/4/03

NYB9734274

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10002239440	Manifest Doc. No. 01113	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9734274	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID DC95896-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 6218132	
9. Designated Facility Name and Site Address CUM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049036679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total	14. Unit	I. Waste No.
a. RQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		Number	Quantity	Wt/Vol	EPA
		Type	EST.	K	STATE
			30000		8807
b.					EPA
c.					STATE
d.					EPA
					STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOL.				K. Handling Codes for Wastes Listed Above	
b.				a. <input type="checkbox"/> L <input type="checkbox"/>	
				b. <input type="checkbox"/> c. <input type="checkbox"/>	
c.				d. <input type="checkbox"/>	
d.					
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: <u>10/28/03</u> SR# <u>698428-10</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 JIMETRAC 81579121 (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Eduin B. Behar for James F. Haylett		Signature <i>Eduin B. Behar</i>		Mo. Day Year 10 28 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Richard S. [unclear]		Signature <i>[Signature]</i>		Mo. Day Year 10 28 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space act Rec 30672 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 10 29 03	

R 11/4/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

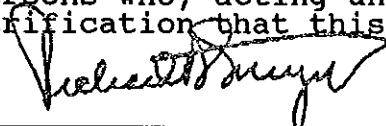
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9734274 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157912101
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256283
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 11/4/03 D

NYB9704835

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD002239440		Manifest Doc. No. 01114		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.																	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">A. NYB9704835</td> </tr> <tr> <td colspan="2">B. Generator's ID SAME</td> </tr> <tr> <td colspan="2">C. State Transporter's ID 11C25361-NY</td> </tr> <tr> <td colspan="2">D. Transporter's Telephone (716) 8739733</td> </tr> <tr> <td colspan="2">E. State Transporter's ID</td> </tr> <tr> <td colspan="2">F. Transporter's Telephone ()</td> </tr> <tr> <td colspan="2">G. State Facility ID</td> </tr> <tr> <td colspan="2">H. Facility Telephone () 716 754-8231</td> </tr> </table>				A. NYB9704835		B. Generator's ID SAME		C. State Transporter's ID 11C25361-NY		D. Transporter's Telephone (716) 8739733		E. State Transporter's ID		F. Transporter's Telephone ()		G. State Facility ID		H. Facility Telephone () 716 754-8231	
A. NYB9704835																									
B. Generator's ID SAME																									
C. State Transporter's ID 11C25361-NY																									
D. Transporter's Telephone (716) 8739733																									
E. State Transporter's ID																									
F. Transporter's Telephone ()																									
G. State Facility ID																									
H. Facility Telephone () 716 754-8231																									
4. Generator's Telephone Number (315) 432-5314		5. Transporter 1 (Company Name) Tonquaw da Tank Transport		6. US EPA ID Number NYD097644801		7. Transporter 2 (Company Name)		8. US EPA ID Number																	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NYD049836679																			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.													
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III						00101		Est, 2,000		K		EPA 8007													
b.												EPA STATE													
c.												EPA STATE													
d.												EPA STATE													
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above																			
a.						b.		c.		d.															
b.																									
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03						SR# 698428-9																			
b. CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171						c. INFOTRAC 8579137 (800) 535-5053																			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																									
Printed/Typed Name Edwin B. Rahn for James F. Heatre II				Signature <i>Edwin B. Rahn</i>				Mo. Day Year 10 28 03																	
17. Transporter 1 Acknowledgement of Receipt of Materials																									
Printed/Typed Name Matt Fritton				Signature <i>Matt Fritton</i>				Mo. Day Year 10 28 03																	
18. Transporter 2 Acknowledgement of Receipt of Materials																									
Printed/Typed Name				Signature				Mo. Day Year																	
19. Discrepancy Indication Space act. Rec 21854 K																									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																									
Printed/Typed Name Michelle Fleck				Signature <i>Michelle Fleck</i>				Mo. Day Year 10 29 03																	

COPY 5-GENERATOR - MAILED BY TSD FACILITY

RECEIVED
R11/4/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704835 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157913701
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256299
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/4/03 D

NYB9704844

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 000223940	Manifest Doc. No. 01115	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704844	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NY D 0 9 2 1 6 4 4 8 0 1		C. State Transporter's ID AC 25364-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 8739703	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NY D 0 4 9 8 3 6 6 7 9				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			EST. 20000	K	EPA STATE 3007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above	
a.				a. <input checked="" type="checkbox"/> L <input type="checkbox"/>	
b.				b. <input type="checkbox"/> <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>10/26/03</u> SR# <u>698428-11</u> CHEMTREC Emergency Response Number: (800) 424-9300 WHI Contract ERG#171 <u>INFOTRAC 8519090</u> (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hurvett		Signature <i>Edwin B. Rubin</i>		Mo. Day Year 10 28 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name DAVID GOODENOUGH		Signature <i>David Goodenough</i>		Mo. Day Year 10 28 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <u>Actual Rec'd 22634K</u>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name EILEEN CARTER		Signature <i>Eileen Carter</i>		Mo. Day Year 10 29 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RM/4/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

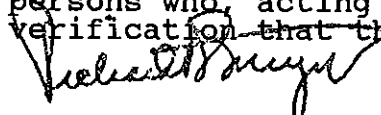
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704844 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157909001
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256256
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

Ru/14/03.D

NYB9704853

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY00002239440	Manifest Doc. No. 01116	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704853		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) US Bulk Transport, Inc.		6. US EPA ID Number PA0987347515		C. State Transporter's ID AC40405-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 651-8182		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NYD049036679		E. State Transporter's ID
				F. Transporter's Telephone ()		G. State Facility ID
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			00101	28000	K	STATE 3007
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PUB SOIL				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L		
b.				c. <input type="checkbox"/>		
d.				b. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03				SR# 698428-13		
CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579130 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rubin for James F. Hartman II			Signature Edwin B. Rubin		Mo. Day Year 10 28 03	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name John Taylor			Signature John Taylor		Mo. Day Year 10 28 03	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Mo. Day Year	
19. Discrepancy Indication Space Oct. Rec 30173 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck			Signature Michelle Fleck		Mo. Day Year 10 29 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

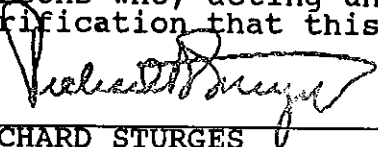
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704853 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157913001
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256292
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

REMOVED
11/14/03

NYB9704862

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 0002239480	Manifest Doc. No. Q11117	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704862		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAID9871347515		C. State Transporter's ID JENKE NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (988) 6518122		
9. Designated Facility Name and Site Address OWN CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NYD049836679		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers Number	13. Total Quantity	14. Unit Wt/Vol
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III				1	EST. 29,000	K
b.						
c.						
d.						
J. Additional Descriptions for Materials listed Above CP2002-PCB SOLID				K. Handling Codes for Wastes Listed Above		
a.				a.	<input checked="" type="checkbox"/>	c.
b.				b.	<input type="checkbox"/>	d.
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-14 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 TMECTAC 81579133 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for Kenneth F. Herbert		Signature Edwin B. Rahn		Mo. Day Year 11/28/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name DANA JANSSEN		Signature Dana Jansen		Mo. Day Year 11/28/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Oct. Rec. 31154 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/29/03		

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

R 11/4/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

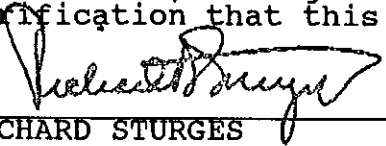
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704862 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157913301
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256295
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/4/03 D

NYB9704871

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 0002239440	Manifest Doc. No. 01118	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704871		
4. Generator's Telephone Number (315) 432-5114				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR0000045724		C. State Transporter's ID AD1599-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 6778202		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						I. Waste No.
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III						EPA
						STATE 3007
						EPA
						STATE
						EPA
						STATE
						EPA
						STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above
						a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-15 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579094 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin Braun for James F. Hartnett		Signature Edwin Braun		Mo. Day Year 10 28 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name SAMUEL LONG		Signature Samuel Long		Mo. Day Year 10 28 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space actual recd 28767K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name EILEEN CARTER		Signature Eileen Carter		Mo. Day Year 10 28 03		

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

RU11/4/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
 CWM Chemical Services, L.L.C.
 1550 Balmer Rd.
 P.O. Box 200
 Model City, N.Y. 14107
 716/754-8231

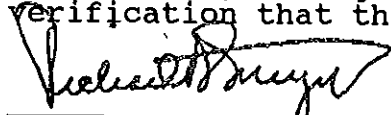
INLAND FISHER GUIDE, GM
 ATTN: ENVIRONMENTAL COMPLIANCE
 NYD002239440
 1 GENERAL MOTORS DRIVE
 SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704871 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
 CWM Tracking ID: 8157909401
 CWM Unit #: 1*0
 Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



 RICHARD STURGES
 DISTRICT MANAGER
 Certificate # 256258
 10/30/03

For questions please call
 our Customer Service Dept.
 at (800) 843-3604

READ
 11/4/03

NYB9704889

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD00022319440 Manifest Doc. No. Q11119

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER LAKE CR
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0466

A. **NYB9704889**

4. Generator's Telephone Number (315) 432-5314

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
Buffalo Fuel Corp.

6. US EPA ID Number
NYR0000045724

C. State Transporter's ID AD15829-NY

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone (800) 677-8002

9. Designated Facility Name and Site Address
CNR CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NYD049336679

E. State Transporter's ID
F. Transporter's Telephone ()
G. State Facility ID
H. Facility Telephone ()
716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol I. Waste No.

a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III

00100 EST. 29,000 K 80007

b.

EPA STATE

c.

EPA STATE

d.

EPA STATE

J. Additional Descriptions for Materials listed Above

K. Handling Codes for Wastes Listed Above

a. CP2002-PCB SOIL

a. b. c. d.

b.

a. b. c. d.

c.

a. b. c. d.

d.

a. b. c. d.

15. Special Handling Instructions and Additional Information

a. PCB Out of Service Date: 10/28/03 SR# 698428-16

CHEMTREC Emergency Response Number (800) 424-9300 WHI Contract ER0171

INFOTRAC 85190916 (800) 535-5053 GM Contract

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Edwin B. Rahon for James F. Hartnett Signature Edwin B. Rahon Mo. Day Year 10 28 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Timothy W. Elmer Signature Timothy W. Elmer Mo. Day Year 11 02 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

Actual Rec'd 30862K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name ELEON CARTER Signature Eleon Carter Mo. Day Year 10 28 03

Printed/Typed Name Signature Mo. Day Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704889 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157909601
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256259
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 10/4/03

NYB9704898

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00R200040		Manifest Doc. No. 01120		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.													
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						A. NYB9704898															
4. Generator's Telephone Number (315) 432-5314						B. Generator's ID SAME															
5. Transporter 1 (Company Name) Buffalo Fuel Corp.			6. US EPA ID Number NYR000045724			C. State Transporter's ID AC25464-NY															
7. Transporter 2 (Company Name)			8. US EPA ID Number			D. Transporter's Telephone (800) 677-8002															
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NYD049836679															
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit		15. Waste No.									
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						Number		Quantity		Wt/Vol		EPA									
						Type		EST.				STATE									
								30,000		K		3007									
b.												EPA									
c.												STATE									
d.												EPA									
												STATE									
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above															
a.						a.		b.		c.		d.									
b.																					
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-17						CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579112 (800) 535-5033															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										Printed/Typed Name Edwin B. Rahn for James F. Westcott				Signature Edwin B. Rahn				Mo. Day Year 10 28 03			
17. Transporter 1 Acknowledgement of Receipt of Materials										Printed/Typed Name John J. White				Signature John J. White				Mo. Day Year 10 28 03			
18. Transporter 2 Acknowledgement of Receipt of Materials										Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space Actual Reel 31988K																					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										Printed/Typed Name Eileen Carter				Signature Eileen Carter				Mo. Day Year 10 29 03			

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

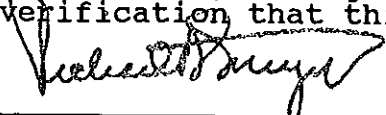
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704898 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157911201
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256275
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/4/03

NYB9704907

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10002238440	Manifest Doc. No. 01121	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER UNIDR GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704907		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) BUFFALO FUEL CORP		6. US EPA ID Number NYR0100045724		C. State Transporter's ID AD15832		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (500) 672-8003		
9. Designated Facility Name and Site Address EWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NY0049836679		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers Number	13. Total Quantity	14. Unit Wt/Vol
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III				2	28000	K
b.						
c.						
d.						
J. Additional Descriptions for Materials listed Above a. CP2002 PCB SOIL				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> I. <input type="checkbox"/> c. <input type="checkbox"/>		
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>10/28/03</u> BR# <u>698428-18</u> CHEMTEC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 <u>INEOTRAC</u> <u>IRG:171</u> (800) 535-5093 GM Contract <u>81579105</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Beck		Signature <i>Edwin B. Beck</i>		Mo. Day Year 10/28/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Lash J. Hancock		Signature <i>Lash J. Hancock</i>		Mo. Day Year 10/28/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space <u>Actual Recd 31108K</u>						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name L. LEON CARTER		Signature <i>L. Leon Carter</i>		Mo. Day Year 10/28/03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

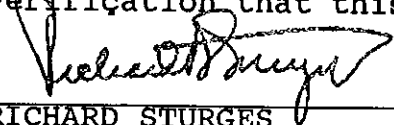
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704907 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157910501
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256268
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RM/4/03 D

NYB9704916



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD002239440	Manifest Doc. No. 01122	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704916		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number PAD987347515		C. State Transporter's ID XW63764-PA		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888) 851-8182		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NYD049836679		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers Number	Type	13. Total Quantity
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111				001	OT	30,000 K
						14. Unit Wt/Vol
						15. Waste No. EPA
						STATE 8007
						EPA
						STATE
						EPA
						STATE
						EPA
						STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
b.				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/23/03 SR# 698428-19						
CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract BRG#171 INFOTRAC 81579128 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Reber for James F. Hicks II		Signature Edwin B. Reber		Mo. Day Year 10 28 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name KEVIN HICKS		Signature Kevin Hicks		Mo. Day Year 10 28 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space act. Rec. 31180K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10 29 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

F 11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

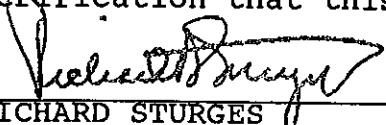
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704916 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157912801
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DISTRICT MANAGER
Certificate # 256290
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 11/4/03 D

NYB9704925

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY1000121319440	Manifest Doc. No. 011123	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER OUTLET WMS 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704925		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.		6. US EPA ID Number FAID9873475115		C. State Transporter's ID AD35962-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (888)6518182		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				10. US EPA ID Number NYD049836679		E. State Transporter's ID
				F. Transporter's Telephone ()		G. State Facility ID
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2915, III			0 0 0 0 0 0 0 0 0 0	527	K	STATE 6007
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
a.				a. <input checked="" type="checkbox"/>		c. <input type="checkbox"/>
b.				b. <input type="checkbox"/>		d. <input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>10/28/03</u> SR# <u>698428-20</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 <u>INFOTRAC</u> (800) 535-5053 <u>81579131</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rubin for James F. Hawthorn			Signature Edwin B Rubin		Mo. Day Year 10 28 03	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name James Hawthorn			Signature James Hawthorn		Mo. Day Year 10 28 03	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Mo. Day Year	
19. Discrepancy Indication Space Act Rec 28441K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck			Signature Michelle Fleck		Mo. Day Year 10 29 03	

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
R/11/4/03, D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

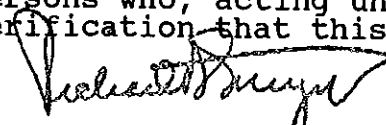
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704925 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157913101
CWM Unit #: 1*0
Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DISTRICT MANAGER
Certificate # 256293
10/30/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/4/03 D

NYB9704934



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002239440		Manifest Doc. No. 01124		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486						A. NYB9704934							
4. Generator's Telephone Number (315) 332-5314						B. Generator's ID SAME							
5. Transporter 1 (Company Name) Tonawanda Tank Transport				6. US EPA ID Number NYD097644801		C. State Transporter's ID AC25361-NY							
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Telephone (716) 8787703							
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						10. US EPA ID Number NYD049836679							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111						00101		EST. 20000K		K		EPA STATE 3007	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL						K. Handling Codes for Wastes Listed Above							
a.						a. <input checked="" type="checkbox"/>		c. <input type="checkbox"/>					
b.						b. <input type="checkbox"/>		d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/28/03 SR# 698428-21 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract BRU#171 INFOTRAC 851951 (800) 535-5053 GM Contract													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Edwin B. Babin for James F. Hewitt				Signature Edwin B. Babin				Mo. Day Year 10, 28, 03					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Kral J. Verbeke				Signature Kral J. Verbeke				Mo. Day Year 10, 28, 03					
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space Act. Rec. 25655K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Michelle Fleck				Signature Michelle Fleck				Mo. Day Year 10, 29, 03					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
 CWM Chemical Services, L.L.C.
 1550 Balmer Rd.
 P.O. Box 200
 Model City, N.Y. 14107
 716/754-8231

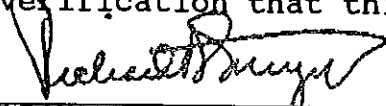
INLAND FISHER GUIDE, GM
 ATTN: ENVIRONMENTAL COMPLIANCE
 NYD002239440
 1 GENERAL MOTORS DRIVE
 SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/29/03 as described on Hazardous Waste Manifest number NYB9704934 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
 CWM Tracking ID: 8157915101
 CWM Unit #: 1*0
 Disposal Date: 10/29/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



 RICHARD STURGES
 DISTRICT MANAGER
 Certificate # 256310
 10/30/03

For questions please call
 our Customer Service Dept.
 at (800) 843-3604

R.11/4/03 D

NYB9704943

DEPARTMENT OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 8100202239440	Manifest Doc. No. 01125	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER CRUISE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0106				A. NYB9704943	
4. Generator's Telephone Number (315) 432-5319				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NYD097644801		C. State Transporter's ID AC23361-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 873970	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, S.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD043836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers	13. Total	14. Unit
a. RQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			Number	Quantity	Wt/Vol
			Type		
				EST. 20000	K
					I. Waste No. EPA
					STATE 8007
					EPA
					STATE
					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above		
a.			a. <input checked="" type="checkbox"/>		
b.			b. <input type="checkbox"/>		
c.			c. <input type="checkbox"/>		
d.			d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 699062-1 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INPOTRAC 815 79390 (800) 535-5053 CM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature <i>Edwin B. Rahn</i>		Mo. Day Year 11/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Bob J. V. [unclear]		Signature <i>[Signature]</i>		Mo. Day Year 11/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Recd 21002K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 11/05/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED 11/10/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/05/03 as described on Hazardous Waste Manifest number NYB9704943 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157939001
CWM Unit #: 1*0
Disposal Date: 11/05/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256644
11/06/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/10/03 D

NYB9704952

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00R239440	Manifest Doc. No. 01126	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL NOTONS DR SYRACUSE NY 13206-0486				A. NYB9704952	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Poye E.T.C.		6. US EPA ID Number NYP986969947		C. State Transporter's ID 293887-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 2332126	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number	13. Total Quantity	14. Unit Wt/Vol
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			0	EST. 280,000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above		
b.			a. <input type="checkbox"/> c. <input type="checkbox"/>		
c.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03			SR# 699062-2		
CHEMTRAC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 8157195 (800) 535-5053 EM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Heurtreth		Signature Edwin B. Rubin		Mo. Day Year 10/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name FRAN Schieble		Signature Fran Schieble		Mo. Day Year 10/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act Rec. 28386K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/31/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R.11/6/03.D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

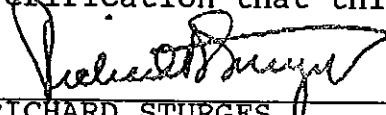
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYB9704952 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157929501
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256517
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

Ru/6/03 D

NYB9704961

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD0002234940	Manifest Doc. No. 01127	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER LULU WM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYB9704961		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Page E. T. C.		6. US EPA ID Number NYD9869169947		C. State Transporter's ID AD 33406-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 2332126		
9. Designated Facility Name and Site Address CMM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NYD049836679				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA STATE EPA STATE EPA STATE
a. NO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III			2	EST. 29000	R	8007
b.						EPA
c.						STATE
d.						EPA
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above			
a. CP2002-PCB SOIL			a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>			
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information						
a. PCB Out of Service Date: <u>10/30/03</u> SR# <u>644062-3</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Code <u>8579274</u> <u>8579274</u> <u>INFOTRAC</u> (800) 535-5053						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rubin for James F. Hertnett			Signature Edwin B Rubin		Mo. Day Year 10/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Joe Nagette			Signature Joe Nagette		Mo. Day Year 10/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec. 28078K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck			Signature Michelle Fleck		Mo. Day Year 10/31/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/6/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
 CWM Chemical Services, L.L.C.
 1550 Balmer Rd.
 P.O. Box 200
 Model City, N.Y. 14107
 716/754-8231

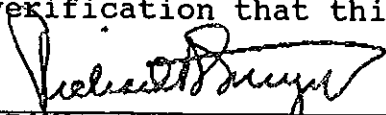
INLAND FISHER GUIDE, GM
 ATTN: ENVIRONMENTAL COMPLIANCE
 NYD002239440
 1 GENERAL MOTORS DRIVE
 SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYB9704961 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
 CWM Tracking ID: 8157927901
 CWM Unit #: 1*0
 Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


 RICHARD STURGES
 DISTRICT MANAGER
 Certificate # 256503
 11/03/03

For questions please call
 our Customer Service Dept.
 at (800) 843-3604

R 11/03/03

NYB9704979

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 000 022 394 40	Manifest Doc. No. 01128	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GULF GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0406				A. NYB9704979	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Buffalo Fire Corp.		6. US EPA ID Number NYR000045724		C. State Transporter's ID AD88764-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (509) 6778002	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NY 004 983 6579				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID	
a. EQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		12. Containers Number Type 2 P 10 T	13. Total Quantity EST. 30000 K	14. Unit Wt/Vol	I. Waste No. EPA STATE 8007
b.					EPA
c.					STATE
d.					EPA
					STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L. <input type="checkbox"/>	
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: <u>10/30/03</u> SR# <u>699062-4</u> CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 <u>INFOTRAC 81579280</u> <u>(800) 535-5053</u>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartnett		Signature Edwin B. Rubin		Mo. Day Year 10 30 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Mark F. ...		Signature Mark F. ...		Mo. Day Year 10 30 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Det. Fee 29692 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10 31 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

Rec'd 10/30/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

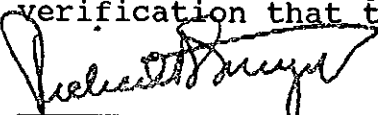
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYB9704979 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928001
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256504
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R/S/D

NYB9704988

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY10002836679	Manifest Doc. No. 01129	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER LULUR GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0405				A. NYB9704988	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NYD10971644801		C. State Transporter's ID AC25378-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 873-9703	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYD0492836679				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID	
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		12. Containers Number 1	Type DRUM	13. Total Quantity Est. 2000.0	14. Unit K
b.					I. Waste No. EPA STATE 8007
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PUB SOIL				K. Handling Codes for Wastes Listed Above	
b.				a. <input type="checkbox"/>	c. <input type="checkbox"/>
c.				b. <input type="checkbox"/>	d. <input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 649062-5 CHEMTREC Emergency Response Number (800) 424-9300 WHI Contract ERG#171 INFOTRAC 81579285 (800) 535-5053					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 10/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name STEPHAN KRUPNIOCI		Signature Stephan Krupnioci		Mo. Day Year 10/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec. 23270K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/31/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/10/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

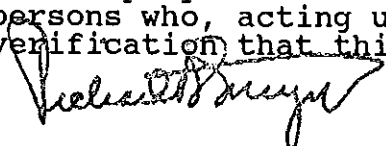
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYB9704988 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928501
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256509
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RM/6/03.D

NYB9704997

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. *NYD00RKR139440* Manifest Doc. No. *101130*

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
*INLAND FISHER GUIDE GM
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486*

A. **NYB9704997**

4. Generator's Telephone Number *(315) 432-5314*

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
Page E.T.C.

6. US EPA ID Number
NYD9816964947

C. State Transporter's ID *295DB1-NY*

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone *(800) 253-2786*

9. Designated Facility Name and Site Address
*CWM CHEMICAL SERVICES, L.L.C.
1550 PALMER RD.
MODEL CITY NY 14107*

10. US EPA ID Number
NYD049036679

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol I. Waste No.

a. *RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111*

EST. 2,6000 K

b.

STATE EPA 8007

c.

STATE EPA

d.

STATE EPA

J. Additional Descriptions for Materials listed Above
CP2007-PCB SOIL

K. Handling Codes for Wastes Listed Above

a.

a. c.

b.

b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: *10/30/03* SK# *699062-6*

*CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171
INSTRAL 815 79296 (800) 535-5853 GM Contract*

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations

If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Edwin B. Rahn for James F. Hartnett

Signature *Edwin B. Rahn* Mo. Day Year *10/30/03*

17. Transporter 1 Acknowledgement of Receipt of Materials *211601*

Printed/Typed Name
John Schuble

Signature *John Schuble* Mo. Day Year *10/30/03*

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature Mo. Day Year

19. Discrepancy Indication Space
Act Rec 25946 K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Michelle Fleck

Signature *Michelle Fleck* Mo. Day Year *10/31/03*

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R11/6/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231


INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYB9704997 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157929601
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256518
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 11/6/03 D

NYB9705006

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY100012121314151617181920	Manifest Doc. No. 011131	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER LUBRIC OIL 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYB9705006	
4. Generator's Telephone Number (315) 452-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Tenawanda Tank Transport		6. US EPA ID Number NYD0921644801		C. State Transporter's ID AK 25362 NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 8739703	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYD049836679		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			2000	EST. 210000	K
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above a. UP2002-PCB SOIL			K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 649062-7 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ENG#171 INFOTRAC 81579255 (800) 935-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartman II		Signature Edwin B. Rubin		Mo. Day Year 11/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Bruce Youm		Signature Bruce Youm		Mo. Day Year 11/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Aed Ru 22498K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 11/30/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R11/10/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

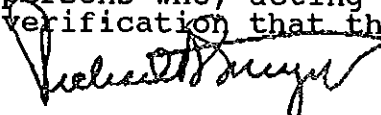
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYB9705006 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157925501
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256480
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/14/03

NYH1352016

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. <u>NY00022594</u>	Manifest Doc. No. <u>1011132</u>	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER OUTLE ON GENERAL MOTORS DR SYRACUSE NY 13206-0406				A. NYH1352016	
4. Generator's Telephone Number <u>(315) 432-4314</u>					
5. Transporter 1 (Company Name) <u>Buffalo Fuel Corp.</u>		6. US EPA ID Number <u>NYR0000049724</u>		B. Generator's ID <u>SAME</u>	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID <u>AC 45444-NY</u>	
9. Designated Facility Name and Site Address <u>CWM CHEMICAL SERVICES, L.L.C. 1500 PALMER RD. MODEL CITY NY 14107</u>		10. US EPA ID Number <u>NYR0000049724</u>		D. Transporter's Telephone <u>(716) 6728002</u>	
				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () <u>716 754-0231</u>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers	13. Total	14. Unit
			Number	Type	Quantity
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111			<u>4</u>	<u>T</u>	<u>EST.</u>
					<u>28,000 K</u>
b.					
c.					
d.					
I. Waste No.			EPA		
			STATE 8007		
			EPA		
			STATE		
			EPA		
			STATE		
			EPA		
			STATE		
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
a. <u>CP2002-PCB SOL.</u>			a.	<input checked="" type="checkbox"/>	c.
b.			b.	<input type="checkbox"/>	d.
15. Special Handling Instructions and Additional Information					
i. PCB Out of Service Date: <u>10/30/03</u> SR# <u>1049062-8</u>					
ii. <u>HEMTEC Emergency Response Number (800) 474-9300 WMS Contract FRC5171</u>					
<u>INTEGRAC 8157133 (800) 535-5053 GM Contract</u>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <u>Edwin B. Rubin for James F. Newlin II</u>			Signature <u>Edwin B. Rubin</u>		Mo. Day Year <u>11 03 03</u>
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <u>Edward C. Kunath</u>			Signature <u>Edward C. Kunath</u>		Mo. Day Year <u>11 03 03</u>
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Mo. Day Year
19. Discrepancy Indication Space <u>Actual - 29547 K</u>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <u>Richard LaBEND</u>			Signature <u>[Signature]</u>		Mo. Day Year <u>10 31 03</u>

RECEIVED
11/10/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

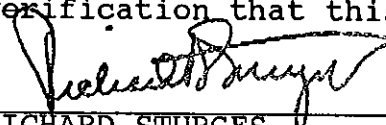
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352016 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157927301
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DISTRICT MANAGER
Certificate # 256497
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/16/03



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231


INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352025 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928701
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DISTRICT MANAGER
Certificate # 256510
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/03/03 D

NYH1352034

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDON CN 1 CENTRAL MOTOR DR SYRACUSE NY 13206 0486		6. US EPA ID Number NYR10000045724		A. NYH1352034		
4. Generator's Telephone Number (315) 432-5310		7. Transporter 1 (Company Name) Buffalo Fire Corp		B. Generator's ID SAME		
5. Transporter 1 (Company Name)		6. US EPA ID Number		C. State Transporter's ID AB31506-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 677812		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY0000000679		E. State Transporter's ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity		14. Unit W/Vol
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		4 111		EST. 2,810.00 K		I. Waste No. EPA STATE 1007 EPA STATE EPA STATE EPA STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a. PCB 2002 PCB SOLL		c.		a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
b.		d.		b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 699062-10 EMERGENCY Response Number (800) 424-9300 WNI Contract BRG#171 THERMOC (800) 535-5053 81579205						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rubin for James F. Witek		Signature Edwin B. Rubin		Mo. Day Year 10/30/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Joe Meyers		Signature Joe Meyers		Mo. Day Year 10/30/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act Rec 28967K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/31/03		

RW/6/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

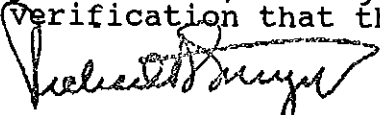
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352034 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157926501
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.


RICHARD STURGES
DISTRICT MANAGER
Certificate # 256490
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/4/03

NYH1352043

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYR00000945724	Manifest Doc. No. 101135	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0466				A. NYH1352043	
4. Generator's Telephone Number 315 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR00000945724		C. State Transporter's ID AD15829-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 778-0002	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYR00000945724				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID	
a. NO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2415, III		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol
				EST. 28,000K	
b.					I. Waste No. EPA
c.					STATE 1007
d.					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above a. PCB 2002-PCB SOIL				K. Handling Codes for Wastes Listed Above	
b.				a. <input type="checkbox"/>	c. <input type="checkbox"/>
c.				b. <input type="checkbox"/>	d. <input type="checkbox"/>
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 649062-11 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579269 (800) 535-5033					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rehn for James F. Hart no 11		Signature Edwin B. Rehn		Mo. Day Year 10/3/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Timothy W. Ellodge		Signature Timothy W. Ellodge		Mo. Day Year 10/03/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space act Rec 27729K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 1/03/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
R 1/10/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

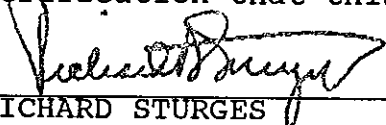
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352043 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157926901
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256493
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R11/6/03 D

NYH1352052

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 11100000000000000000	Manifest Doc. No. 011136	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.		
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352052			
4. Generator's Telephone Number 315 432-5314				B. Generator's ID NONE			
5. Transporter 1 (Company Name) U.S. Bulk Transport		6. US EPA ID Number PAID 98713475115		C. State Transporter's ID AF 94114-NY			
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (518) 4518182			
9. Designated Facility Name and Site Address OWM CHEMICAL SERVICES, LLC 1550 BAIRER RD. MODEL CITY NY 14107				10. US EPA ID Number W 00000000000000000000			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total	14. Unit	
a. PO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 3, UN2815, III				Number	Type	Quantity	
						W/Vol	
						I. Waste No.	
						EPA	
						STATE	
						0007	
						EPA	
						STATE	
						EPA	
						STATE	
						EPA	
						STATE	
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above			
a. CP2002-PCB SOIL				a.	<input checked="" type="checkbox"/>	c.	<input type="checkbox"/>
b.				b.	<input type="checkbox"/>	d.	<input type="checkbox"/>
15. Special Handling Instructions and Additional Information							
a. PCB out of Service Date: 10/30/03 SR# 699062-12							
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171							
INTEGRAC 81578157 (800) 535-5053 CM Contract							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.							
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name		Signature		Mo. Day Year			
Edwin B. Reilly for James E. Hartnett		Edwin B. Reilly		11/03/03			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Mo. Day Year			
[Signature]		[Signature]		11/03/03			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Mo. Day Year			
[Signature]		[Signature]		11/03/03			
19. Discrepancy Indication Space							
Oct Rev 69580P/31561K							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name		Signature		Mo. Day Year			
Michelle Fleck		Michelle Fleck		11/03/03			

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

RR 11/03/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

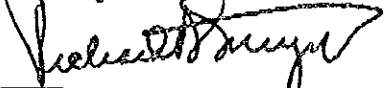
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352052 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157925701
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256482
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/11/03

NYH1352061

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 123456789010	Manifest Doc. No. 01137	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GULF CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352061	
4. Generator's Telephone Number (315) 432-5310				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NYD092644801		C. State Transporter's ID AC25376-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 28739708	
9. Designated Facility Name and Site Address CUM CHEMICAL SERVICES, LLC 1550 WALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0250	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. PG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2515, III		6	20000	K	STATE 1007
b.					EPA
c.					STATE
d.					EPA
					STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL		K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information a. PCB out of service Date: 10/30/03 SR# 699062-13		HEMTREC Emergency Response Number (800) 424-9300 WMI Contract FRG171 INFOTRAC 81579278 (800) 535-5053 GM Contract			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Heintz		Signature Edwin B Rubin		Mo. Day Year 10/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name DAVID ATTEA		Signature David Attea		Mo. Day Year 10/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec 23178 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/31/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/6/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

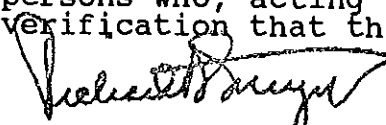
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352061 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157927801
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256502
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

REMOVED
11/16/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352079 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157927501
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256499
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 11/10/03 D

NYH1352088

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 101139	Manifest Doc. No. 101139	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206 ORR6				A. NYH1352088	
4. Generator's Telephone Number (315) 332-6376				B. Generator's ID NAME	
5. Transporter 1 (Company Name) Page E.T.C.		6. US EPA ID Number NYD986969947		C. State Transporter's ID XW22571-PA	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 233-2126	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYD99999999999				F. Transporter's Telephone (800)	
				G. State Facility ID	
				H. Facility Telephone () 716 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
		09307	2,0000	B	STATE 1007
b.					EPA
c.					STATE
d.					EPA
					STATE
J. Additional Descriptions for Materials listed Above a. CP2002 PCB SILL		K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>			
b.		b. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 699062-15 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ER08171 INFOTRAC 91579293 (800) 535-5053 EM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartnett		Signature Edwin B. Rubin		Mo. Day Year 10/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name LARRY BEAN		Signature Larry Bean		Mo. Day Year 10/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act Rec. 19813K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 11/03/03	

In case of emergency or spill, immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

RM/6/03 D



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352088 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157929301
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256516
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/6/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352097 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928101
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256505
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 11/6/03

NYH1352106

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD986969447	Manifest Doc. No. 101141	2. Page 1 of 3	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352106	
4. Generator's Telephone Number 315 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Page E.T.C.		6. US EPA ID Number NYD986969447		C. State Transporter's ID 244587-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800)232126	
9. Designated Facility Name and Site Address GUM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
10. US EPA ID Number NYD986969447				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID	
a. RD. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2515, III		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
		4	28000	L	STATE 1007
b.					EPA
c.					STATE
d.					EPA
					STATE
J. Additional Descriptions for Materials listed Above a. CB2002-PCB SOIL				K. Handling Codes for Wastes Listed Above	
b.				a. <input type="checkbox"/>	
c.				c. <input type="checkbox"/>	
d.				b. <input type="checkbox"/>	
d.				d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 699062-17 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG4171 INFOTRAC 81519274 (800)535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hudnall		Signature Edwin B. Rubin		Mo. Day Year 11/03/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Chad Herrick Sr		Signature Chad Herrick Sr		Mo. Day Year 11/03/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual - 30437K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Richard La Gend		Signature Richard La Gend		Mo. Day Year 11/3/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
11/4/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

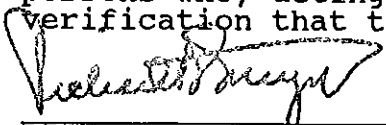
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352106 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157927401
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256498
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
11/14/03

NYH1352115

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. XXXXXXXXXXXX	Manifest Doc. No. 011142	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CR 1 GENERAL MOTORS DR SYRACUSE NY 13206 0480				A. NYH1352115	
4. Generator's Telephone Number (315) 432-1114				B. Generator's ID NAME	
5. Transporter 1 (Company Name) Buffalo Fuel Corp		6. US EPA ID Number NYR0000045724		C. State Transporter's ID AD15624-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (810) 880-2	
9. Designated Facility Name and Site Address CWM OPERATIONAL SERVICES, L.L.C. 1250 PALMER RD. ROSEL CITY NY 14107				E. State Transporter's ID 6778002	
10. US EPA ID Number XXXXXXXXXXXX				F. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID	
a. RO. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2815, 111		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
b.		1	28,000	K	STATE 1007 EPA
c.					STATE EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. CP2002-PCB SOIL				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information PCB Del. of Service Date: 10/30/03 SR# 649062-18 CENTREC Emergency Response Number (800) 424-2300 WMI Contract ERG#171 TAEOTRHC 81579283 (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F. Henthorn		Signature Edwin B. Rahn		Mo. Day Year 10/30/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Mark Jaguisha		Signature Mark Jaguisha		Mo. Day Year 10/30/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Oct Rec 301 BK					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 10/31/03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

RECEIVED
11/4/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352115 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928301
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256507
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/6/03 D

NYH1352124

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 11000000000000000000	Manifest Doc. No. 01143	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER OUTLET GM GENERAL MOTORS DR SYRACUSE NY 13206 0488				A. NYH1352124		
4. Generator's Telephone Number (315) 432-4334		6. US EPA ID Number NYR0000045724		B. Generator's ID NAME		
5. Transporter 1 (Company Name) Buffalo Fire Corp.		7. Transporter 2 (Company Name)		C. State Transporter's ID AD15617-NY		
9. Designated Facility Name and Site Address OWM CHEMICAL SERVICES, L.L.C. 1550 PALMER RD. MODEL CITY NY 14107		10. US EPA ID Number 220049834679		D. Transporter's Telephone 800 6778002		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III				12. Containers Number 9411	13. Total Quantity EST. 28000K	14. Unit Wt/Vol K
J. Additional Descriptions for Materials listed Above a. CP2002-PUB 3011				I. Waste No. EPA STATE 1007 EPA STATE EPA STATE EPA STATE		
K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>						
15. Special Handling Instructions and Additional Information FCR Out of Service Date: 10/30/03 SR# 699062-19 EMERGENCY Response Number (800) 424-9300 WMI Contract FR04171 INFOTRAC 81579267 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 10 30 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name WALTER BAKER		Signature Walter Baker		Mo. Day Year 10 30 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual - 28976 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Richard LaBead		Signature Richard LaBead		Mo. Day Year 10 21 03		

In case of emergency or spill, immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

R/10/03.D



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352124 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157926701
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256492
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

Ru/10/03.D

NYH1352133

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. XXXXXXXXXXXX	Manifest Doc. No. 011144	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 CENTRAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352133		
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Page E.T.C.		6. US EPA ID Number NY129816969947		C. State Transporter's ID AC15548-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (500) 2332126		
9. Designated Facility Name and Site Address CVM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NYDDHPPPPPP79				F. Transporter's Telephone ()		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				G. State Facility ID		
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA	
b.		09107	260100K		STATE 3007 EPA	
c.					STATE	
d.					EPA	
					STATE	
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a. PCB 502-PCB SOIL				a. <input type="checkbox"/> c. <input type="checkbox"/>		
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information PCB Out of Service Date: 10/30/03 SR# 699062-20 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 TNEOTRAC 81519277 (800) 535-5093 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rabin for James F. Hackett		Signature Edwin B. Rabin		Mo. Day Year 10 30 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name MAGNUS LITTLE		Signature Magnus Little		Mo. Day Year 10 30 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual - 26481 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Richard LaBeno		Signature Richard LaBeno		Mo. Day Year 11 3 03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R 11/6/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

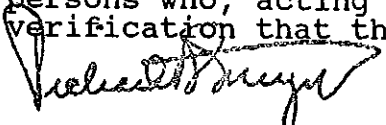
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352133 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157927701
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256501
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R.11/03.D

NYH1352142

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 044212880	Manifest Doc. No. 01145	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352142	
4. Generator's Telephone Number (315) 432-5314				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Page E.T.C.		6. US EPA ID Number NY D 980969447		C. State Transporter's ID AD 27945-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 2332126	
9. Designated Facility Name and Site Address CVM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754 8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. RD, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		9	EST. 28000		EPA 0007
b.					EPA
c.					EPA
d.					EPA
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL		K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 10/30/03 SR# 699062-21 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract BRG#171 INFOTRAC (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Heintz		Signature Edwin B. Rubin		Mo. Day Year 10 30 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Thomas Smith		Signature Thomas Smith		Mo. Day Year 10 30 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual - 29257 lb					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Richard LABEND		Signature Richard Labend		Mo. Day Year 10 31 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RM/10/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352142 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157929001
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256513
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R.11/6/03 D



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352151 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928201
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 256506
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
R11/4/03 D

NYH1352169

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYR0000000000	Manifest Doc. No. 01147	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHING GUIDE ON GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352169		
4. Generator's Telephone Number (315) 432-5334				B. Generator's ID NONE		
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR0000045724		C. State Transporter's ID AB31507-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (500) 773002		
9. Designated Facility Name and Site Address GWM CHEMICAL SERVICES, LLC 1700 BALDWIN RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754 6231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. 80% POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111				EST. 28,000		EPA STATE 1007
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above		
b.				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information PCB Out of Service Date: 10/30/03 SR# 699062-23 HEMTRAC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 INFOTRAC 81579284 (800) 535-3053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin Blaha for James F. Hartman II		Signature <i>Edwin Blaha</i>		Mo. Day Year 10/30/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name E. Williams		Signature <i>E. Williams</i>		Mo. Day Year 10/30/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act Fee 28450K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 10/31/03		

R 10/6/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

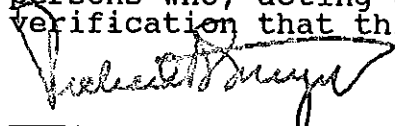
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/31/03 as described on Hazardous Waste Manifest number NYH1352169 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8157928401
CWM Unit #: 1*0
Disposal Date: 10/31/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 256508
11/03/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/6/03 D

NYH1352178

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. XXXXXXXXXXXX Manifest Doc. No. 01148

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND PLASTIC TUBING CO
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0900

A. NYH1352178

4. Generator's Telephone Number (315) 437-5574

B. Generator's ID
NAME

5. Transporter 1 (Company Name)
U.S. Bulk Transport INC

6. US EPA ID Number
PAD987347515

C. State Transporter's ID AK82123-NY

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone (888) 651-8182

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 DALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NY DDP R D P P P P P P P P

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone () 716 754-0231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers	13. Total	14. Unit	15. Waste No.
Number	Quantity	WVVol	EPA
			STATE
			EPA
			STATE
			EPA
			STATE
			EPA
			STATE

a. NO. POLYCHLORINATED BIPHENYLS,
SOLID MIXTURE, 9, UN2315, III

EST. 3,000.00 K

b.

c.

d.

J. Additional Descriptions for Materials listed Above
a. CP2002 PCB SOLID

K. Handling Codes for Wastes Listed Above
a. b. c. d.

b.

15. Special Handling Instructions and Additional Information
a. PCB out of Service Date: 11/21/03 SRV 701801-1
b. EMERGENCY Response Number: (800) 535-5053 EM Contract
c. INTEGRAL 915-90117

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Edwin B. Rasha for James F. Huettaett

Signature Edwin B. Rasha Mo. Day Year 11/21/03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature [Signature] Mo. Day Year 11/21/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature [Signature] Mo. Day Year 11/21/03

19. Discrepancy Indication Space

Actual Recd 31380K

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Lynn Kechowsh

Signature Lynn Kechowsh Mo. Day Year 11/24/03

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

R12/9/03.D



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

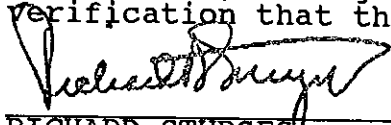
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352178 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158011701
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257667
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RICHARD
11/25/03

NYH1352187

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. Manifest Doc. No.
01149

2. Page 1 of Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER GUIDE GM
GENERAL MOTORS DR
SYRACUSE NY 13206-0486

A. NYH1352187

4. Generator's Telephone Number (111-532-5314)

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
U.S. Bulk Transport, Inc.

6. US EPA ID Number
PAD987347515

C. State Transporter's ID JENICE-NY

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone (388) 6518182

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, U.L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NYD0049436679

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol I. Waste No.

a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III

EST. 30,000

b.

STATE 1007

c.

EPA STATE

d.

EPA STATE

J. Additional Descriptions for Materials listed Above

a. CU 2002 PCB COIL

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a. c.

b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 11/21/03 SR# 701811-2
EMERREC Emergency Response Number (800) 424-9166 WMI Contract ERG# 71
INFOTRAC 80580123 (800) 535-5053 GM Contract

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Edwin B. Rubin for James F. Hartnett

Signature
Edwin B Rubin

Mo. Day Year
11/21/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
DANA K Jensen

Signature
Dana K Jensen

Mo. Day Year
11/21/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Mo. Day Year

19. Discrepancy Indication Space
Actual Rec'd 31189 K

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19:

Printed/Typed Name
Lynn Kiechowshi

Signature
Lynn Kiechowshi

Mo. Day Year
11/24/03

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED
11/24/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

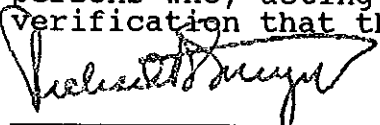
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352187 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158012301
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257671
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352196

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. 11304211610001 Manifest Doc. No. 0111510

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
INLAND FISHER GUIDE GM
1 GENERAL MOTORS DR
SYRACUSE NY 13206-0486

4. Generator's Telephone Number (315) 432-5314

5. Transporter 1 (Company Name)
U.S. Bulk Transport, Inc.

6. US EPA ID Number
PA104187347515

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address
OWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number
NY000000000000

A. NYH1352196

B. Generator's ID
SAME

C. State Transporter's ID XS310220-PA

D. Transporter's Telephone (888) 451-1882

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754 8201

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers
Number Type

13. Total
Quantity

14. Unit
Wt/Vol

I. Waste No.

a. **RO. POLYCHLORINATED BIPHENYLS,
SOLID MIXTURE, 9, UN2815, 111**

1

DRUM

EST.

297.50 K

EPA

STATE
1007

EPA

STATE

EPA

STATE

EPA

STATE

J. Additional Descriptions for Materials listed Above

a. CP2002-PCB SOIL

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

a. **PCB Out of Service Date:** 11/21/03 **SKU** 701811-3

CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERCA171

TNEOTRAC 81580120 (800)535-5053 GM Contract

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Edwin B. Robb for James F. Hartnett

Signature

Edwin B. Robb

Mo. Day Year

11/21/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JOHN ETRICH

Signature

John Etrich

Mo. Day Year

11/21/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Mo. Day Year

19. Discrepancy Indication Space

Actual Rec'd 29810 K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ryan Kuchowski

Signature

Ryan Kuchowski

Mo. Day Year

11/24/03

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

RECEIVED
11/24/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352196 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158012001
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 257670
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
12/9/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352205 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158011901
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 257669
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352214



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 111000000000000000	Manifest Doc. No. 0111512	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTOR DR SYRACUSE NY 13206-0916				A. NYH1352214	
4. Generator's Telephone Number (315) 437-5414		6. US EPA ID Number NYD104621655174		B. Generator's ID SAME	
5. Transporter 1 (Company Name) Price Trucking Corp		7. Transporter 2 (Company Name)		C. State Transporter's ID 225488-NY	
9. Designated Facility Name and Site Address OMY CHEMICAL SERVICES, LLC 1150 PALMER RD. ROSEL CITY NY 14107		10. US EPA ID Number NYD104621655174		D. Transporter's Telephone (800) 825-6001	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity	
a. RQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		0 9 1 0 T		28000 K	
b.					
c.					
d.					
14. Unit Wt/Vol		15. Waste No. EPA STATE 1007 EPA STATE EPA STATE EPA STATE			
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL		K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11/21/03 815 80132 SRV 701811-5		b. EMERGENCY Response Number (800) 424-7300 WMI Contract PRG171 TNEOTRAC 815 80132 (800) 535-5053 GM Contract			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahni for James F. Hartnett		Signature <i>Edwin B. Rahni</i>		Mo. Day Year 11/21/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name W. Z...		Signature <i>W. Z...</i>		Mo. Day Year 11/21/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Recd 34918 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Lynn Pachowski		Signature <i>Lynn Pachowski</i>		Mo. Day Year 11-24-03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

RECEIVED
12/9/03



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352214 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158013201
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 257679
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352223

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER CHILDREN GENERAL MOTORS CO SYRACUSE NY 13206 0446		6. US EPA ID Number NY D046765574		A. NYH1352223	
4. Generator's Telephone Number (015 432-5554)		7. Transporter 1 (Company Name) Price Trucking Corp.		B. Generator's ID EAMP	
5. Transporter 1 (Company Name) Price Trucking Corp.		8. US EPA ID Number		C. State Transporter's ID 700 2111 NY	
7. Transporter 2 (Company Name)		9. Designated Facility Name and Site Address OWS CHEMICAL SERVICES, LLC 1550 BALMER RD. MODEL CITY NY 14107		D. Transporter's Telephone (800) 825-6001	
9. Designated Facility Name and Site Address OWS CHEMICAL SERVICES, LLC 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY D046765574		E. State Transporter's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		F. Transporter's Telephone ()	
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		13. Total Quantity		G. State Facility ID	
b.		20,000		H. Facility Telephone () 716 759-8231	
c.				I. Waste No. EPA	
d.				STATE 1107	
J. Additional Descriptions for Materials listed Above LP 2002 PCB SOIL		K. Handling Codes for Wastes Listed Above		EPA	
a.		a. <input checked="" type="checkbox"/>		STATE	
b.		b. <input type="checkbox"/>		EPA	
c.		c. <input type="checkbox"/>		STATE	
d.		d. <input type="checkbox"/>		EPA	
15. Special Handling Instructions and Additional Information PCB Unit of Service Date: 11/21/03 SR# 701811-6 HEATREX Emergency Response Number (800) 424-9300 WMI Contract BR01171 INFOTRAC 815 80124 (800) 535-5053 GM Contract		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
Printed/Typed Name Edwin B. Rahn for James F. Hechtel		Signature Edwin B. Rahn		Mo. Day Year 11/21/03	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name PAUL ZINKY		Signature Paul Zinky	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space actual Recd 31307K		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name Lynn Pechowski	
		Signature Lynn Pechowski		Mo. Day Year 11/24/03	

In case of emergency or spill, immediately call the National Response Center (800) 424-8902 and the NYS Department of Environmental Conservation (518) 457-7362

R12/9/03.D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352223 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158012901
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 257676
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 12/9/03 D

NYH1352232

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 011154	Manifest Doc. No. 011154	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206 0448				A. NYH1352232	
4. Generator's Telephone Number 315 432-5314		6. US EPA ID Number NY011154		B. Generator's ID NAME	
5. Transporter 1 (Company Name) ORCE TRANSPORT CORP		7. Transporter 2 (Company Name)		C. State Transporter's ID	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number NYDPH0000077		D. Transporter's Telephone ()	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RO, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		4	20,000	EST.	STATE 3007 EPA
b.					STATE EPA
c.					STATE EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above a. PCBs FOR SOIL				K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> c. <input type="checkbox"/>	
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information PCB OUT of Service Date: 11/21/03 SK# 701811-7 HEMTEC Emergency Response Number (800)424 9300 WMI Contract ERG#171 TNEOTRAC 815-80127 (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn Jr. James E. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 11 18 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Actual Recd 26962K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Ryan Kechowski		Signature Ryan Kechowski		Mo. Day Year 11 24 03	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

RECEIVED 12/9/03

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352232 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158012701
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 257674
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/24/03 as described on Hazardous Waste Manifest number NYH1352241 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158012501
CWM Unit #: 1*0
Disposal Date: 11/24/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 257672
11/25/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352259

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. XXXXXXXXXXXX	Manifest Doc. No. 01156	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352259		
4. Generator's Telephone Number (315) 432-9334				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Price Trucking Corp.		6. US EPA ID Number NY1D046765574		C. State Transporter's ID 2254BB-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 825-6001		
9. Designated Facility Name and Site Address CWA CHEMICAL SERVICES, L.L.C. 1950 HALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9 UN215, 111		1	DRUM	220.00	LB	STATE 1007 EPA
b.						STATE EPA
c.						STATE EPA
d.						STATE EPA
J. Additional Descriptions for Materials listed Above a. CP2002-PCB SOIL				K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11/24/03 SK# 701963-1 81580182 CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract ERG#171 TNEOTRAC (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 11/24/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name John Z...		Signature [Signature]		Mo. Day Year 11/24/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act Rec 294038K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 11/25/03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

FR 12/9/03 D



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

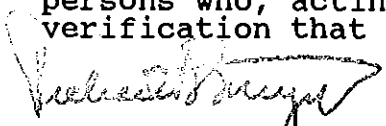
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/25/03 as described on Hazardous Waste Manifest number NYH1352259 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158018201
CWM Unit #: 1*0
Disposal Date: 11/25/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257747
11/26/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352268

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 11149011000000000000	Manifest Doc. No. 101157	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE GM GENERAL MOTORS DR SYRACUSE NY 13204-0486				A. NYH1352268		
4. Generator's Telephone Number (315) 437-5314				B. Generator's ID NAMP		
5. Transporter 1 (Company Name) Price Trucking Corp.		6. US EPA ID Number NY2046765574		C. State Transporter's ID 225588-NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800)8256001		
9. Designated Facility Name and Site Address CMM CHEMICAL SERVICES, L.L.C. 1500 PALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number 11149011000000000000				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754 8231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers	13. Total	14. Unit	I. Waste No. EPA STATE EPA STATE EPA STATE
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2015, 111			Number	Quantity	W/Vol	
				EST. 22000	K	
b.						
c.						
15. Special Handling Instructions and Additional Information			K. Handling Codes for Wastes Listed Above			
a. PCB Out of Service Date: 11/24/03			a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>			
b.			b. <input type="checkbox"/> d. <input type="checkbox"/>			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			17. Transporter 1 Acknowledgement of Receipt of Materials			
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 11/24/03		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Mo. Day Year 11/15/03		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Mo. Day Year		
19. Discrepancy Indication Space Not Rec 23578 K		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 11/25/03		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R12/9/03.D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

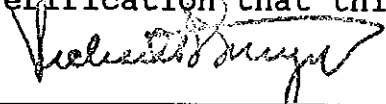
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/25/03 as described on Hazardous Waste Manifest number NYH1352268 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158017501
CWM Unit #: 1*0
Disposal Date: 11/25/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257740
11/26/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352277

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address ISLAND FISHER INDUSTRIES 1 CENTRAL PLAZA SYRACUSE NY 13201-0001		4. Generator's Telephone Number (315) 432-1111		A. NYH1352277		
5. Transporter 1 (Company Name) Price Trucking Corp.		6. US EPA ID Number NY D0467165574		B. Generator's ID NAME		
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID 700294-NY		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BAUMER RD. MODEL CITY NY 14107		10. US EPA ID Number NY D0467165574		D. Transporter's Telephone (800) 825-6000		
				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total	14. Unit	I. Waste No.	
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		Number	Quantity	Wt/Vol	EPA	
			EST.		STATE	
b.			49 DRUMS	22,000 LB	3007	
c.					EPA	
d.					STATE	
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a. CP2002 PCB SOIL		a.		<input type="checkbox"/>	c. <input type="checkbox"/>	
b.		b.		<input type="checkbox"/>	d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information i. PCB Un. of Service Dates: 11/24/03 SR# 701963-3 ii. EMERGENCY Response Number (800) 424-2300 URL Contract ER00171 INEOTRAC 81580177 (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Mo. Day Year		
Edwin B. Rahn for James E. Hartlett		Edwin B. Rahn		11/12/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
PAUL ZINK		PAUL ZINK		11/12/03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Del Rec 29602 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Mo. Day Year		
Michelle Fleck		Michelle Fleck		11/25/03		

R 12/9/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

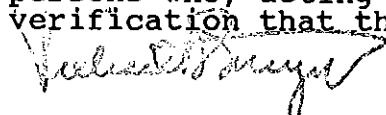
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/25/03 as described on Hazardous Waste Manifest number NYH1352277 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158017701
CWM Unit #: 1*0
Disposal Date: 11/25/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257742
11/26/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 12/9/03 D

NYH1352286

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 11100000000000000000	Manifest Doc. No. 01159	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FLEETWRIGHT GUIDE GM 1 GENERAL HODDING DR SYRACUSE NY 13206-0486				A. NYH1352286	
4. Generator's Telephone Number 315 432-5313		6. US EPA ID Number NYD046765574			
5. Transporter 1 (Company Name) Price Trucking Corp.		7. Transporter 2 (Company Name)		B. Generator's ID SAME	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number 11100000000000000000		C. State Transporter's ID 230487-NY	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity	
a. RG, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111		1		23,000	
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above a. PCB 5011		K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/>		c. <input type="checkbox"/>	
b.		b. <input type="checkbox"/>		d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 11/24/03 HR# 701963-4 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 INFOTRAC (800)535-5053 GM Contract 91590181					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartwick		Signature Edwin B Rubin		Mo. Day Year 11 24 03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name George Finkel		Signature [Signature]		Mo. Day Year 11 24 03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space None 25238K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 11 25 03	

R 11/24/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



WASTE MANAGEMENT, INC.

CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

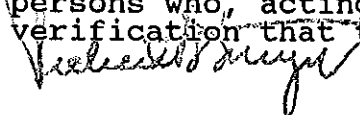
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/25/03 as described on Hazardous Waste Manifest number NYH1352286 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158018401
CWM Unit #: 1*0
Disposal Date: 11/25/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257749
11/26/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R.12/9/03.D

NYH1352295

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. XXXXXXXXXXXX	Manifest Doc. No. 011160	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER BLDG CM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352295	
4. Generator's Telephone Number (315) 432-5314					
5. Transporter 1 (Company Name) Price Trucking Corp		6. US EPA ID Number MVID1241671651574		C. State Transporter's ID XS02430-PA	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 825-6001	
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 PALMER RD. MODEL CITY NY 14107				10. US EPA ID Number XXXXXXXXXXXX	
				E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 736 754-0231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. EPA
a. EQ. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, 6R2315, 111		1	28,000	KG	STATE 1007 EPA
b.					STATE EPA
c.					STATE EPA
d.					STATE EPA
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. PCB 2002 - PCB SOIL				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>	
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11/25/03 SK# 701963 81580261 CHEMTREC Emergency Response Number (800)424-9300 WMI Contract #RC#171 INFOTRAC (800)535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rubin for James F. Hartnett		Signature Edwin B. Rubin		Mo. Day Year 11/29/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name DANIEL R. PRONK		Signature Daniel R. Pronk		Mo. Day Year 11/25/03	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Ack Rec 32087K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name EILEEN CARTON		Signature Eileen Carton		Mo. Day Year 11/26/03	

R 12/9/03 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

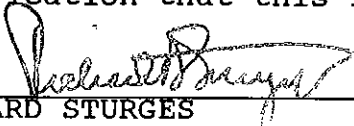
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/26/03 as described on Hazardous Waste Manifest number NYH1352295 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158026101
CWM Unit #: 1*0
Disposal Date: 11/26/03

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 257813
12/01/03

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 12/9/03 D

NYH1352304

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO GENERAL MOTORS DR SYRACUSE NY 13206-0466		4. Generator's Telephone Number (315) 437-5014		A. NYH1352304	
5. Transporter 1 (Company Name) Price Tracking Corp.	6. US EPA ID Number NYID 046765574	7. Transporter 2 (Company Name)		B. Generator's ID NAME	
9. Designated Facility Name and Site Address ENVIRONMENTAL SERVICES, LLC 1500 PALMER BL. MORRISVILLE NY 14543		10. US EPA ID Number	C. State Transporter's ID 7002A4-NY		D. Transporter's Telephone (800) 825-6001
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. SOL. POLYCHLORINATED BIPHENYL ... SOLID MEASURE, UNREACTED, ...			22000		EPA STATE 0007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials listed Above CP2002-PCB 5011		K. Handling Codes for Wastes Listed Above			
a.		c.		b.	
b.		d.		a.	
15. Special Handling Instructions and Additional Information PCB Out of Service Date: 7/9/04 SR# 726172-1 EMERGENCY Response Number (800) 424-9300 WMI Contract #808171 INFOTRAX 81586554 (800) 535-5053 GM Contract					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway, according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahn for James F Hartnett		Signature Edwin B Rahn		Mo. Day Year 07 09 04	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Robert Henry		Signature Robert A Henry		Mo. Day Year 07 09 04	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space actual Recd 31062 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Ellean Carter		Signature Ellean Carter		Mo. Day Year 07 09 04	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R 7/9/04 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/09/04 as described on Hazardous Waste Manifest number NYH1352304 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158655401
CWM Unit #: 1*0
Disposal Date: 07/09/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 267558
07/12/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 7/19/04 D

NYH1352313

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address ENLANN PAPER CORP 100 WINDY HILL RD ORADONNY NY 12050		2111613		A. NYH1352313		
4. Generator's Telephone Number ()		6. US EPA ID Number NY D04167165574		B. Generator's ID		
5. Transporter 1 (Company Name) Price Trucking Corp		8. US EPA ID Number		C. State Transporter's ID 2305B7-NY		
7. Transporter 2 (Company Name)		10. US EPA ID Number		D. Transporter's Telephone (800) 925-6001		
9. Designated Facility Name and Site Address CORPORATE WASTE CENTER 100 WINDY HILL RD ORADONNY NY 12050		10. US EPA ID Number		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone ()		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total	14. Unit	I. Waste No.	
a. NO. POLYCHLORINATED BIPHENYL SOLID MIXTURE, 7. UNCLASIFIED		Number	Quantity	WVVol		EPA
b.			2,200.00			STATE
c.						EPA
d.						STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a. 100000 POUNDS		c.		a. <input checked="" type="checkbox"/>	c. <input type="checkbox"/>	
b.		d.		b. <input type="checkbox"/>	d. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information 7/9/04 726172-2 IDENTIFIED as a generator. Registered Number 81540556 (800) 635-6053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B Rubin for James F Heitner II		Signature Edwin B Rubin		Mo. Day Year 10/7/04/04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Drew J. Sager		Signature		Mo. Day Year 10/7/04/04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Additional Receipt - 3131711						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Rubin LA BENO		Signature		Mo. Day Year 10/7/04/04		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

R. 7/19/04. D



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

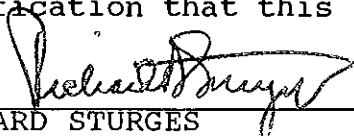
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/09/04 as described on Hazardous Waste Manifest number NYH1352313 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158655601
CWM Unit #: 1*0
Disposal Date: 07/09/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 267559
07/12/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 7/19/04 D

NYH1352322

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address OWN AND FLUIDS CENTER CENTRAL ROUTE SYRACUSE NY 13206-0400		01164		A. NYH1352322	
4. Generator's Telephone Number (315) 437-3333		6. US EPA ID Number NY D04 07105574		B. Generator's ID 01164	
5. Transporter 1 (Company Name) Price Trucking Corp.		7. Transporter 2 (Company Name)		C. State Transporter's ID 225488-NY	
9. Designated Facility Name and Site Address OWN CHEMICAL SERVICES, L.L.C. 1250 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number		D. Transporter's Telephone (800) 825-6601	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity	
a. RD. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III		4 511 K		24000 K	
14. Unit Wt/Vol		15. Waste No. EPA		STATE 0007	
16. Additional Descriptions for Materials listed Above		17. Handling Codes for Wastes Listed Above		EPA	
a.		a.		STATE	
b.		b.		EPA	
15. Special Handling Instructions and Additional Information POU out of service dates 7/09/04 815 8244 726172-3 INFOTRAX (800) 535-5053 GM Contract		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		17. Printed/Typed Name Edwin B. Rubin for James F. Hartwell	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Edwin Rubin</i>		Mo. Day Year 07 09 04	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Mo. Day Year 07 09 04	
19. Discrepancy Indication Space actual load 33430 K		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Signature <i>Michelle Fleck</i>	
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 07 09 04	

COPY 5-GENERATOR - MAILED BY TSD FACILITY

RE-7/19/04 D



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/12/04 as described on Hazardous Waste Manifest number NYH1352322 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158657901
CWM Unit #: 1*0
Disposal Date: 07/12/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 267577
07/13/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECID

NYH1352331

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address ONE AND FISHBURN CIRCLE 1 CENTRAL BUILDING SYRACUSE NY 13204-0486		4. Generator's Telephone Number (011) 315 441 1111		A. NYH1352331		
5. Transporter 1 (Company Name) <i>Price Trucking Corp.</i>		6. US EPA ID Number <i>NYD0141021055714</i>		B. Generator's ID <i>AMC</i>		
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID <i>2304B7-NY</i>		
9. Designated Facility Name and Site Address OVM CHEMICAL SERVICES, LLC 1550 BALMER RD. MODEL CITY NY 14107		10. US EPA ID Number <i>NYD0141021055714</i>		D. Transporter's Telephone (800) 825-1201		
				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () <i>716 354-0211</i>		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total	14. Unit	I. Waste No.	
a. <i>RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 111</i>		Number	Type	Quantity	W/Vol	EPA
b.				<i>EST. 210,000</i>		STATE <i>007</i>
c.						EPA
d.						STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a.		a.		c.		
b.		b.		d.		
15. Special Handling Instructions and Additional Information POB Date of Service Date: <i>7/09/04</i> <i>815 865 80</i> <i>SK# 726172-4</i> HENTREC Emergency Response Number (800) 424 9400 WMI Contract <i>380471</i> <i>INERTAX</i> <i>(800) 535-5053</i> <i>GM Contract</i>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <i>Edwin B. Rubin for James F. Huchcraft</i>		Signature <i>Edwin B. Rubin</i>		Mo. Day Year <i>07 09 04</i>		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space <i>Actual Bcsd 22108K</i>						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name <i>Michelle Fleck</i>		Signature <i>Michelle Fleck</i>		Mo. Day Year <i>07 19 04</i>		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

R 7/19/04 D



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

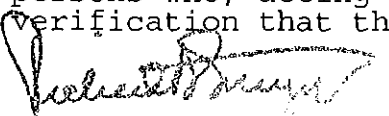
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/12/04 as described on Hazardous Waste Manifest number NYH1352331 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158658001
CWM Unit #: 1*0
Disposal Date: 07/12/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 267578
07/13/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 7/19/04 D

NYH1352349

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 220 P P 8 2 6 1 2	Manifest Doc. No. 01166	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CN 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352349		
4. Generator's Telephone Number 315 432-5314				B. Generator's ID SAME		
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NY D 0 9 7 6 4 4 8 0 1		C. State Transporter's ID AC 2 5 3 6 4 - NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone 716 8139703		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107				E. State Transporter's ID		
10. US EPA ID Number NY 2 2 0 P P 8 2 6 1 2				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754-6231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit W/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, 11T		1		EST. 22000		EPA STATE 0007
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE
J. Additional Descriptions for Materials listed Above a. CP 7002 - PUR SOIL				K. Handling Codes for Wastes Listed Above		
b.				a. <input type="checkbox"/> c. <input type="checkbox"/>		
				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/09/04 SR# 726172-5 81581ddol CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171 INFOTRAX (800) 535-5053 GM Contract						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Hartnett		Signature Edwin B. Rahn		Mo. Day Year 07 09 04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name DAVID ATTE		Signature David Attie		Mo. Day Year 07 10 04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Act Rec. 22952 K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 07 13 04		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R 7/19/04 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/13/04 as described on Hazardous Waste Manifest number NYH1352349 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158666101
CWM Unit #: 1*0
Disposal Date: 07/13/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 267700
07/14/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R-7/19/04-D

NYH1352358

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. XXXXXXXXXXXX	Manifest Doc. No. 011116B	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GULF, GM 1 GENERAL MOTORS DR SYRACUSE NY 13206-0436				A. NYH1352358		
4. Generator's Telephone Number (315) 432-5319		6. US EPA ID Number NY1D109176448101		B. Generator's ID NONE		
5. Transporter 1 (Company Name) Tonawanda Tank Transport		7. Transporter 2 (Company Name)		C. State Transporter's ID AC25369NY		
9. Designated Facility Name and Site Address OWM CHEMICAL SERVICES LLC 1350 PALMER RD. ROCHELLE CITY NY 14107		10. US EPA ID Number XXXXXXXXXXXX		D. Transporter's Telephone (716) 813-9203		
				E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 299 0201		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RD. PCB WASTE (FORMERLY USED IN MANUFACTURING OF SOLID DIECASTING MACHINES)				21,000		EPA
b.						STATE
c.						EPA
d.						STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a. CP2002-PCB SOIL		a. <input type="checkbox"/>		c. <input type="checkbox"/>		
b.		b. <input type="checkbox"/>		d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 7/16/04 SR# 726804-1 CHENTREC Emergency Response Number (800) 424-9300 UMI Contract ER04171 INFOTRAC (800) 535-5053 GM Contract 24561824						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rahn for James F. Mastrett		Signature <i>Edwin B. Rahn</i>		Mo. Day Year 07/16/04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Bruce Yocom		Signature <i>Bruce Yocom</i>		Mo. Day Year 07/16/04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space None						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Angela Cadwalader		Signature <i>Angela Cadwalader</i>		Mo. Day Year 07/19/04		

R 7/27/04 **D**

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/19/04 as described on Hazardous Waste Manifest number NYH1352358 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158682101
CWM Unit #: 1*0
Disposal Date: 07/19/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 267956
07/20/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

RECEIVED
7/27/04

NYH1352367

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 11111111111111111111	Manifest Doc. No. 01169	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address INLAND FISHER GUIDE CO 1 GENERAL MOTORS DR SYRACUSE NY 13206-0486				A. NYH1352367		
4. Generator's Telephone Number (315) 437-5014				B. Generator's ID NAME		
5. Transporter 1 (Company Name) Tonawanda Tank Transport		6. US EPA ID Number NYD097644801		C. State Transporter's ID AC25361 NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (716) 873-9703		
9. Designated Facility Name and Site Address CAN CHEMICAL SERVICES, LLC 1500 RAUBER RD. MOSEL CITY NY 14107		10. US EPA ID Number 11111111111111111111		E. State Transporter's ID		
				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone () 716 754 8234		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. RG, POLYCHLORINATED BI-PHENYLS, SOLID MIXTURE, 9, UN2315, III		1		EST. 2,000		STATE 1007
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above a. CP2002-PCR SOIL				K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> L. <input type="checkbox"/>		
b.				b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB out of Service Date: 7/16/04 SR# 726804-2 EMERGENC Emergency Response Number (800) 424-9700 UNIT Contract BR04171 INFOTRAC (800) 535-5053 GM Contract 2586785						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edwin B. Rubin for James F. Hartnett		Signature Edwin B Rubin		Mo. Day Year 07/16/04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Matt Fritter		Signature Matt Fritter		Mo. Day Year 07/16/04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Actual Recd 26055K						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Angela Cadwalader		Signature Angela Cadwalader		Mo. Day Year 07/19/04		

In case of emergency or spill, immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

R 7/27/04 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

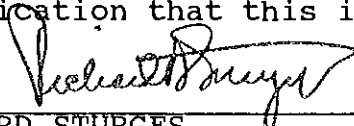
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 07/19/04 as described on Hazardous Waste Manifest number NYH1352367 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158678501
CWM Unit #: 1*0
Disposal Date: 07/19/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 267927
07/20/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R-7/27/04 D

NYH1394019

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. *3611000210101410* Manifest Doc. No. *101241*

2. Page 1 of *1* Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
*GENERAL MATERIALS CORP
1000 W. 10TH ST
ALBANY, NY 12203*

A. **NYH1394019**

4. Generator's Telephone Number () *518 486 2331*

B. Generator's ID
NAME

5. Transporter 1 (Company Name)
Prime Tracking Corp.

6. US EPA ID Number
NYD046785374

C. State Transporter's ID *225588-NY*

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone *(800) 823-6071*

9. Designated Facility Name and Site Address
*GENERAL MATERIALS RECYCLING LLC
1000 W. 10TH ST
ALBANY, NY 12203*

10. US EPA ID Number
NYD046785374

E. State Transporter's ID
F. Transporter's Telephone ()
G. State Facility ID
H. Facility Telephone () *(518) 486-2331*

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol I. Waste No.

a. *NON-FLAMMABLE LIQUID CORROSIVE SOLID WASTE, UNCLASIFIED (H.C. & S.C.)*

(EST.)
22000

b.

EPA STATE *8997*

c.

EPA STATE

d.

EPA STATE

J. Additional Descriptions for Materials listed Above
a. *NON-FLAMMABLE LIQUID*

K. Handling Codes for Wastes Listed Above
a. 1 c.

b. d.

b. d.

15. Special Handling Instructions and Additional Information
100% Out of service waste 100% weight. Types SR# 737734-1
UNCLASIFIED - Emergency response number: 800-823-6071
LINCOLN 688 502 5033 GM contract 81589831

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Richard B. Pata for James E. Hartnett II

Signature
Richard B. Pata Mo. Day Year *10 18 04*

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
KOKOU TOSSA

Signature
[Signature] Mo. Day Year *10 18 04*

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature
[Signature] Mo. Day Year

19. Discrepancy Indication Space
Actual Rec'd 30690K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Michelle Fleck

Signature
Michelle Fleck Mo. Day Year *10 18 04*

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

R10/20/04.D



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/18/04 as described on Hazardous Waste Manifest number NYH1394019 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158983101
CWM Unit #: 1*0
Disposal Date: 10/18/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 271958
10/19/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 10/28/04 D

NYH1394028

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address UNION STATE COLLEGE 100 UNIVERSITY AVENUE SARASOTA, FL 34231				A. NYH1394028		
4. Generator's Telephone Number () 888 5555				B. Generator's ID UNION STATE COLLEGE		
5. Transporter 1 (Company Name)		6. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone ()		
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Transporter's ID		
UNION STATE COLLEGE, SARASOTA, FL 34231		UNION STATE COLLEGE		F. Transporter's Telephone ()		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total	14. Unit	I. Waste No.	
a. POLYETHYLENE TEREPHTHALATE (PET) BOTTLES, SOLID (PLASTIC)		Number	Quantity	Wt/Vol	EPA	
b.					STATE	
c.					EPA	
d.					STATE	
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a.				a.		
b.				b.		
b.				c.		
c.				d.		
15. Special Handling Instructions and Additional Information a. IN CASE OF EMERGENCY, CALL THE NATIONAL RESPONSE CENTER AT (800) 424-8802 FOR ASSISTANCE. b. UNION STATE COLLEGE, SARASOTA, FL 34231						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature			Mo. Day Year	
UNION STATE COLLEGE		[Signature]			11/11/11	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature			Mo. Day Year	
UNION STATE COLLEGE		[Signature]			11/11/11	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature			Mo. Day Year	
UNION STATE COLLEGE		[Signature]			11/11/11	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature			Mo. Day Year	
UNION STATE COLLEGE		[Signature]			11/11/11	

COPY 8-GENERATOR - RETAINED BY GENERATOR



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Medel City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/18/04 as described on Hazardous Waste Manifest number NYH1394028 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158984001
CWM Unit #: 1*0
Disposal Date: 10/18/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 271967
10/19/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 10/28/04 D

NYH1394037

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. 111000622099446 Manifest Doc. No. 01243

2. Page 1 of 1 Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
GENERAL MOTORS CORP
GENERAL MOTORS DR
STRAUSE NY 12206-1118

A. **NYH1394037**

4. Generator's Telephone Number 518-880-8000

B. Generator's ID
SAME

5. Transporter 1 (Company Name)
U.S. Bulk Transport, Inc.

6. US EPA ID Number
PAD 987347515

C. State Transporter's ID AV76780-NY

7. Transporter 2 (Company Name)

8. US EPA ID Number

D. Transporter's Telephone (518) 518-182

9. Designated Facility Name and Site Address
GM CHEMICAL SERVICES, L.L.C
1550 BALMER RD
MODEL CITY NY 14107

10. US EPA ID Number
N 110049630019

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone () 716-754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers Number Type 13. Total Quantity 14. Unit Wt/Vol I. Waste No.

a. RD POLYCHLORINATED BIPHENYLS, SOLID MIXTURE,
UN2815, III (PCB SOIL)

28500 h

b.

EPA STATE 5607

c.

EPA STATE

d.

EPA STATE

J. Additional Descriptions for Materials listed Above
a. PCB SOIL

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date 10/18/04 weight 572 Type SR # 737759-3
CHEMTREC Emergency Response Number (800) 424-9300 W/MI Contract
NEUTRAL 800-525-5053 GM Contract # 81589849

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Edwin B. Kahn for James F. Hartnett

Signature Edwin B. Kahn Mo. Day Year 10/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Robert K. Cichetti

Signature Robert K. Cichetti Mo. Day Year 10/18/04

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature Mo. Day Year

19. Discrepancy Indication Space
Actual Recd 27706K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Kym Rechowski Signature Kym Rechowski Mo. Day Year 10/18/04

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

R 10/28/04 D



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

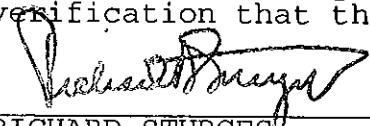
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/18/04 as described on Hazardous Waste Manifest number NYH1394037 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158984901
CWM Unit #: 1*0
Disposal Date: 10/18/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 271975
10/19/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 10/28/04 D

NYH1394046

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 01210002233400		Manifest Doc. No. 01244		2. Page 1 of		Information within heavy bold line is not required by Federal Law.					
3. Generator's Name and Mailing Address GENERAL MATERIALS CORP 1 GENERAL MATERIALS DR ROSELAND NY 13020-1110						A. NYH1394046							
4. Generator's Telephone Number () 391 333 3333						B. Generator's ID SAME							
5. Transporter 1 (Company Name) U.S. Bulk Transport, Inc.			6. US EPA ID Number PA0987347515			C. State Transporter's ID XS19525-PA		D. Transporter's Telephone (518) 651-8182					
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Telephone ()					
9. Designated Facility Name and Site Address GENERAL MATERIALS CORP 1500 BALMER RD ROSELAND NY 13020			10. US EPA ID Number NY10040630619			G. State Facility ID							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No. EPA STATE	
a. SOLID, NON-FLAMMABLE, NON-TOXIC, NON-CORROSIVE, NON-REACTIVE, NON-POISONOUS, NON-EXPLOSIVE, NON-EMITTING VOLATILE ORGANIC COMPOUNDS (F001)						4		2,000.00		LBS		EPA STATE 6001	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. CE 200, F 0, B 0, C 0, D 0, E 0, F 0, G 0, H 0, I 0, J 0, K 0, L 0, M 0, N 0, O 0, P 0, Q 0, R 0, S 0, T 0, U 0, V 0, W 0, X 0, Y 0, Z 0						a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>							
15. Special Handling Instructions and Additional Information a. PCB OR A PRODUCT DERIVED THEREFROM (P001) b. CHEMICAL EMERGENCY RESPONSE NUMBER (CEM) (SEE STATE CONTRACT) INFOTRAC 800-535-5633 GM Contract SR# 737159-4 8589880													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Edwin B. Baker for James F. Hartnett			Signature Edwin B. Baker			Mo. Day Year 10/18/04							
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Tommy M. Baker			Signature Tommy M. Baker			Mo. Day Year 10/18/04							
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature			Mo. Day Year							
19. Discrepancy Indication Space Act Rec. 023959 K													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Michelle Fleck													
Signature Michelle Fleck			Mo. Day Year 10/19/04										

In case of emergency or spill, immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

R 10/28/04 D

COPY 5-GENERATOR - MAILED BY TSD FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/19/04 as described on Hazardous Waste Manifest number NYH1394046 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158988001
CWM Unit #: 1*0
Disposal Date: 10/19/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 272023
10/20/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 10/28/04 D

NYH1394055

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.

Manifest Doc. No.

2. Page 1 of

Information within heavy bold line is not required by Federal Law.

NY 10210121213141410

01245

NYH1394055

B. Generator's ID
SAME

C. State Transporter's ID AD 16492-NY

D. Transporter's Telephone 900-8256001

E. State Transporter's ID

F. Transporter's Telephone ()

G. State Facility ID

H. Facility Telephone ()
716 754-6231

3. Generator's Name and Mailing Address

GENERAL MOTORS CORP
GENERAL MOTORS LP
SYRACUSE NY 13209-1110

4. Generator's Telephone Number (989) 999-3939

5. Transporter 1 (Company Name)

Price Trucking Corp.

6. US EPA ID Number

NYD046765574

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address

CVVM CHEMICAL SERVICES, LLC
1000 BALTAR RD.
MOORE CITY NY 14107

10. US EPA ID Number

NY 0048650079

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE,
UN2315, III (PCB SOIL)

12. Containers
Number Type

X X 1 0 0

13. Total
Quantity

(237)
22000

14. Unit
Wt/Vol

1

I. Waste No.

EPA
STATE
6007

a.	b.	c.	d.

J. Additional Descriptions for Materials listed Above

a. PCB SOIL

b.

K. Handling Codes for Wastes Listed Above

a.	<input type="checkbox"/>	c.	<input type="checkbox"/>
b.	<input type="checkbox"/>	d.	<input type="checkbox"/>

15. Special Handling Instructions and Additional Information

a. PCBs Out of Service Date 10/18/04 weight 1 type
CHEMTREC Emergency Response Number (800) 424-8300 VMI Contact

SR# 737759-5

INFORM 800-535-5053 GM Contract

81589863

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Edwin B. Kahn for James F. Huetten

Signature

Edwin B. Kahn

Mo. Day Year

10 18 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MISSY HANLEY SR

Signature

MISSY HANLEY SR

Mo. Day Year

10 18 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Mo. Day Year

19. Discrepancy Indication Space

Act. Re. 15930K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Michelle Fleck

Signature

Michelle Fleck

Mo. Day Year

10 01 04

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

REC-28/04 D



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
Fax (716) 754-0211

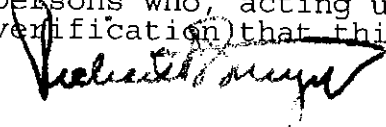
INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 10/19/04 as described on Hazardous Waste Manifest number NYH1394055 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8158986301
CWM Unit #: 1*0
Disposal Date: 10/19/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.



RICHARD STURGES
DISTRICT MANAGER
Certificate # 272008
10/20/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R. 10/20/04 D

NYH1394064

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 9110022339446	Manifest Doc. No. 01246	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address GENERAL MOTORS CORP 1 GENERAL MOTORS DR STROUSE NY 13206-1110				A. NYH1394064	
4. Generator's Telephone Number (829 398-2800				B. Generator's ID SAME	
5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NYR000045724		C. State Transporter's ID AD88744-NY	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone (800) 6677402	
9. Designated Facility Name and Site Address OWN CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MOSEL CITY NY 14101		10. US EPA ID Number NYR00046630079		E. State Transporter's ID	
				F. Transporter's Telephone ()	
				G. State Facility ID	
				H. Facility Telephone () 716 754-8251	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type	13. Total Quantity	14. Unit Wt/Vol
a. PCB CHLORINATED BIPHENYLS SOLID MIXTURE, 6 UN2315 (PCB SOIL)			XXXXXX	(EST.) 30000	h
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above a. CF 2007 PCB SOIL			K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information a. PCB Out of Service Date: 11-11-04 weight type CHEMTREC Emergency Response Number (800) 424-3300 VMI Contract INTEGRAL 400-635-5053 GM Contract			SR # 740823 8590783		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Edwin B. Rahm for James F. Hartnett		Signature Edwin B. Rahm		Mo. Day Year 11/11/04	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name MARK FALTSKO		Signature Mark Faltsko		Mo. Day Year 11/11/04	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space Act. Rec. 31026 K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Michelle Fleck		Signature Michelle Fleck		Mo. Day Year 11/11/04	

COPY 5-GENERATOR - MAILED BY TSD FACILITY

R 11/18/04 D



CWM Chemical Services, LLC
1550 Balmer Road
PO Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

INLAND FISHER GUIDE, GM
ATTN: ENVIRONMENTAL COMPLIANCE
NYD002239440
1 GENERAL MOTORS DRIVE
SYRACUSE NY 13206-0486

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from INLAND FISHER GUIDE, GM on 11/11/04 as described on Hazardous Waste Manifest number NYH1394064 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: CP2002
CWM Tracking ID: 8159078301
CWM Unit #: 1*0
Disposal Date: 11/11/04

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

RICHARD STURGES
DISTRICT MANAGER
Certificate # 273164
11/12/04

For questions please call
our Customer Service Dept.
at (800) 843-3604

R 11/18/04 D

Technical variances

- C-1 Technical variance # 1 – Soil bedding layer
 - C-2 Technical variance # 2 – Woven geotextile on western rip-rap slope
 - C-3 Technical variance # 3/5 – Seed mixture
 - C-4 Technical variance # 4 – Stone access road detail
-

Technical variance # 1 – Soil bedding layer



RECEIVED

AUG 26 2003

O'BRIEN & GERE ENGINEERS, INC.
SYRACUSE, NY

TECHNICAL VARIANCE REQUEST

Project Name: Former Landfill IRM

Variance No.: 001

Project No.: 60709-5

Date: August 26, 2003

Variance (include justification)

According to the Former Landfill IRM Design, Section 02292 (Soil Bedding Layer), Paragraph 2.1 (Soil Bedding Layer Material), B. "The soil bedding layer material shall be characterization as a sand, silty sand, silt, SM-SC, SW, SP or ML-CL."

Royal Environmental proposes to substitute Mirafi® S1200, nonwoven geotextile fabric for the specified sand type material as the underside geomembrane protection material.

For information purposes, the attached October 9, 2001, O'Brien & Gere Engineers, Inc. Memorandum from Nathyn M. Knipe provides a sound basis for the applicability of the proposed change.

The variance will serve to lower the overall finish grade of the Former Landfill and/or permit the placement of additional materials within the Former Landfill.

Royal Environmental will follow the attached installation guidelines for the installation of the Mirafi® S1200.

The Mirafi® S1200 will be continuously stitched together over the connection to adjacent panels with a "prayer fold" with a 4-inch minimum overlap.

The Mirafi® S1200 panels will mirror the panel layout provided for the 40-mil liner material.

The attached warranty is an example of the warranty to be provided for this project.

Requested By:	<u>David Woodhull</u>	Date:	<u>8/26/03</u>
Reviewed Approved By:	<u>Joseph M. Crandall</u>	Date:	<u>9/2/03</u>



TECHNICAL VARIANCE REQUEST

Project Name: Former Landfill IRM

Variance No.: 001

Project No.: 60709-5

Date: August 26, 2003

Variance (include justification)

According to the Former Landfill IRM Design, Section 02292 (Soil Bedding Layer), Paragraph 2.1 (Soil Bedding Layer Material), B. "The soil bedding layer material shall be characterized as a sand, silty sand, silt, SM-SC, SW, SP or ML-CL."

Royal Environmental proposes to substitute Mirafi[®] S1200, nonwoven geotextile fabric for the specified sand type material as the underside geomembrane protection material.

For information purposes, the attached October 9, 2001, O'Brien & Gere Engineers, Inc. Memorandum from Nathyn M. Knipe provides a sound basis for the applicability of the proposed change.

The variance will serve to lower the overall finish grade of the Former Landfill and/or permit the placement of additional materials within the Former Landfill.

Royal Environmental will follow the attached installation guidelines for the installation of the Mirafi[®] S1200.

The Mirafi[®] S1200 will be continuously stitched together over the connection to adjacent panels with a "prayer fold" with a 4-inch minimum overlap.

The Mirafi[®] S1200 panels will mirror the panel layout provided for the 40-mil liner material.

The attached warranty is an example of the warranty to be provided for this project.

Requested By:

A handwritten signature in black ink, appearing to read "David Woodruff", is written over a horizontal line.

Date:

A handwritten date "8/26/03" is written in black ink over a horizontal line.

Approved By:

Date:

Attachments:

- A. Memorandum from Nathyn M. Knipe of O'Brien and Gere Engineers, Inc. dated October 9, 2001, and supporting documentation (6 pages).
- B. Manufacturers' Technical Data Sheet for Mirafi® S1200 (1 page).
- C. Manufacturers' S-Series Nonwovens Requirements Information (1 page).
- D. Manufacturers' Installation Guidelines (4 pages).
- E. Not Used
- F. Manufacturers' Needle Detection Statement (1 page).
- G. Manufacturers' Letter – Example Product Warranty (1 page).
- H. Manufacturers' Quality Control Plan (5 pages).

Attachment A

Memorandum from Nathyn M. Knipe of O'Brien and Gere Engineers, Inc., dated October 9, 2001, and supporting documentation

From: Nathyn M. Knipe
Re: Non-woven geotextile vs. Sand bedding layer
File: 49566/21535 #2
Date: October 9, 2001

cc: J. Hartnett (GM)
D. Woodruff (Royal)
D. Crawford (OBG)
D. Farber (OBG)
B. Kubiak (OBG)
C. Leary (OBG)

This memorandum serves to provide an evaluation of substituting a non-woven geotextile for the 6 inch sand bedding layer in the Former Landfill IRM design. A 12 oz/yd² non-woven geotextile is being proposed by Royal Environmental as a substitute to the 6 inch sand bedding layer. The non-woven geotextile would be placed below the 40 mil HDPE geomembrane and would serve to offer puncture protection to the 40 mil HDPE geomembrane.

Attached are the design calculations for determining the factor of safety with respect to puncture resistance of a 12 oz/yd² non-woven geotextile for this design. They were provided by Royal Environmental. These calculations, performed by SI Geosolutions using the internet site www.landfilldesign.com, were reviewed and considered to be accurate. They were checked for accuracy by performing the calculations by hand and by calculating the geotextile weight with a known factor of safety. Based on the calculations performed, a 12 oz/yd² non-woven geotextile proved to be a sufficient substitution for the 6 inch soil bedding layer.

SI Geosolutions recommends the use of Geotex 1291 as the 12 oz/yd² non-woven geotextile to be substituted for the 6 inch soil bedding layer. Royal Environmental proposed Mirafi S1200 as a substitute for the Geotex 1291. The specifications of each geotextile were compared and both are considered to be an acceptable alternative to the 6 inch sand bedding layer. The specification sheets for Geotex 1291 and Mirafi S1200 are attached.

In conclusion both the Geotex 1291 and the Mirafi S1200 are acceptable alternatives for the 6 inch sand bedding layer. However, NYSDEC will need to be given the opportunity to formally approve the alternative for the sand bedding layer.



August 31, 2001

Lyle Grant
Royal Environmental
fax: (315) 432-5067

Subject: **Cushion Material for Landfill Cap
GEOTEX® 1291**

Dear Mr. Grant:

Attached are the calculations for the use of a nonwoven geotextile as a geomembrane puncture protection layer. This design is based on the use of a 12 oz/yd² nonwoven geotextile being used to protect a 40 ML HDPE geomembrane under, 10 inches of "Run-of-Crusher", 6 inches of Bituminous Base Course and a 2 inch wear course, with H20 loading (14,515 kg / 32,000 lbs). Due to the spreading of the load as transferred through the paving layers, a conservative reduction factor of 0.4 was applied to the H20 loading reducing it to approximately 5,806 kg (12,800 lbs). Then assuming a one square foot tire print and a unit weight of 10 kN/m³ (125 lb/ft³) an equivalent depth of material of 33 m (108.3 ft) was used to model the load imposed on the liner.

Other parameters used were:

- 0.025 m (1 inch) for stone protrusion height
- 0.5 modification factor for subrounded stones (MF_s)
- 0.83 modification factor for packing density (MF_{pd})
- 0.25 modification factor for arching in solids (MF_a)
- 1.5 reduction factor for long-term creep (RF_{cr})
- 1.5 reduction factor for long-term chemical/biological degradation (RF_{cbd})

Using the above parameters and the liner protection calculator from www.landfilldesign.com GEOTEX® produced a safety factor of 5. Therefore, SI Geosolutions would suggest that you consider the use of GEOTEX 1291 as an cost effective alternative to the 6 inch sand layer currently specified for liner protection material.

If you have any questions or comments while reviewing this information, please do not hesitate to contact Synthetic Industries at (800) FIX-SOIL.

Respectfully,

A handwritten signature in black ink, appearing to read 'D. Ernst', written over a horizontal line.

Daniel Ernst
NE Region Engineer

landfilldesign.com™

Safety Factor against Geomembrane Puncture Calculator - Problem Statement

There are many circumstances where geomembranes are placed on or beneath soils containing relatively large-sized stones. For example, poorly prepared soil subgrade with stones protruding from the surface, and cases where crushed-stoned drainage layers are to be placed above the geomembrane.

In all of these situations, a nonwoven needle-punched geotextile can provide significant puncture protection to the geomembrane. The issue of determining the required mass per unit area of the geotextile becomes critical.

The method presented herein (Koerner, 1998) focuses on the protection of 1.5 mm thick HDPE geomembranes. The method uses the design by function approach.

$$FS = \frac{P_{allow}}{P_{act}}$$

where:

- FS factor of safety against geomembrane puncture
- P_{act} actual pressure due to the landfill contents or surface impoundment
- P_{allow} allowable pressure using different types of geotextiles and site specific conditions.

P_{allow} is determined by the following equation:

$$P_{allow} = \left(50 + 0.00045 \frac{M}{H} \right) \left[\frac{1}{MF_s \cdot MF_{PD} \cdot MF_A} \right] \left[\frac{1}{RF_{ca} \cdot RF_{cm}} \right]$$

where:

Symbol	Name	Unit
P_{allow}	allowable pressure	kPa
M	geotextile mass per unit area	g/m ²
H	height of the protrusion above the subgrade	m
MF_s	modification factor for protrusion shape	-
MF_{PD}	modification factor for packing density	-

.../FS_determinpl?M=405&d=33&w=10&H=0.025&MF_S=0.5&MF_PD=0.83&MF_A=0.25&R8/29/01

MF_A	modification factor for arching in solids	-
RF_{CR}	reduction factor for long-term creep	-
RF_{CBD}	reduction factor for long-term chemical/biological degradation	-

**Modification Factors and Reduction Factors for Geomembrane Protection Design
Using Nonwoven Needle-Punched Geotextile**

MF_S		MF_{PD}		MF_A	
Angular:	1.0	Isolated	1.0	Hydrostatic	1.0
Subrounded:	0.5	Dense, 38 mm	0.83	Geostatic, shallow	0.75
Rounded:	0.25	Dense, 25 mm	0.67	Geostatic, mod.	0.50
		Dense, 12mm	0.50	Geostatic, deep	0.25

RF_{CBD}		RF_{CR}			
		Protrusion (mm) Mass per 1 sqm area (gsm)	38	25	12
Mild leachate	1.1	Geomembrane alone	N/R	N/R	N/R
Moderate leachate	1.3	270	N/R	N/R	>1.5
Harsh leachate	1.5	550	N/R	1.5	1.3
		1100	1.3	1.2	1.1
		>1100	1.2	1.1	1.0

N/R = Not Recommended

Input Data

- M Geotextile mass per unit area (g/m²)
- d depth of material on top of geomembrane (m)
- γ Unit weight of material on top of geomembrane (kN/m³)
- H Protrusion height (m)

..FS_determ.pl?M=405&d=33&rw=10&H=0.025&MF_S=0.5&MF_PD=0.83&MF_A=0.25&R8/29/01

Modification and Reduction Factors

MF_S	0.5
MF_{PD}	0.83
MF_A	0.25
RF_{CR}	1.5
RF_{CBD}	1.3

Calculate Safety Factor

Copyright 2001 Advanced Geotech Systems. All rights reserved.

Output Data

Factor of Safety against Geomembrane
Puncture

5

References

Wilson-Fahmy, R.F., Narejo, D. and Koerner, R.M. (1996), "Puncture Protection of Geomembranes Part I: Theory", *Geosynthetics International*, Vol 3, No. 5, pp. 605-628.

Narejo, D. and Koerner, R.M. and Wilson-Fahmy, R.F., (1996), "Puncture Protection of Geomembranes Part II: Experimental", *Geosynthetics International*, Vol 3, No. 5, pp. 629-653.

Koerner, R.M., Wilson-Fahmy, R.F. and Narejo, D. (1996), "Puncture Protection of Geomembranes Part III: Examples", *Geosynthetics International*, Vol 3, No. 5 pp. 655-675.

Koerner, R.M. (1998), *Designing with Geosynthetics*, Prentice Hall Publishing Co., Englewood Cliffs, NJ.

GEOTEX[®] 1291

GEOTEX 1291 is a polypropylene, staple fiber, needlepunched nonwoven geotextile manufactured at one of SI Geosolutions' facilities that has achieved ISO-9002 certification for its systematic approach to quality. The fibers are needed to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils. GEOTEX 1291 conforms to the property values listed below¹ which have been derived from quality control testing performed by one of SI Geosolutions' GAI-LAP accredited laboratories:

MARV²

PROPERTY	TEST METHOD	ENGLISH	METRIC
<i>Mechanical</i>			
Grab Tensile Strength	ASTM D4632	320 lbs	1420 N
Grab Elongation	ASTM D4632	50%	50%
Puncture Strength	ASTM D4833	210 lbs	930 N
Mullen Burst	ASTM D3786	620 psi	4270 kPa
Trapezoidal Tear	ASTM D4533	125 lbs	555 N
Wide Width Tensile	ASTM D4595	125 lb-in	21.8 Kn/m
<i>Endurance</i>			
UV Resistance	ASTM D4355	70%	70%
<i>Hydraulic</i>			
Apparent Opening Size (AOS)	ASTM D4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D4491	0.80 sec ⁻¹	0.80 sec ⁻¹
Permeability	ASTM D4491	0.29 cm/sec	0.29 cm/sec
Water Flow Rate	ASTM D4491	60 gpm/ft ²	2440 l/min/m ²
<i>Roll Sizes</i>			
		180 in x 100 yds	4.57 m x 91.5 m

NOTES:

- ¹ The property values listed below are effective 9/6/00 are subject to change without notice.
- ² Values shown are in weaker principal direction. Minimum average roll values are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT FURNISHED HEREUNDER OTHER THAN AT THE TIME OF DELIVERY IT SHALL BE OF THE QUALITY AND SPECIFICATION STATED HEREIN. ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS EXPRESSLY EXCLUDED, AND TO THE EXTENT THAT IT IS CONTRARY TO THE FOREGOING SENTENCE, ANY IMPLIED WARRANTY OF MERCHANTABILITY IS EXPRESSLY EXCLUDED. ANY RECOMMENDATIONS MADE BY SELLER CONCERNING THE USES OR APPLICATIONS OF SAID PRODUCT ARE BELIEVED RELIABLE AND SELLER MAKES NO WARRANTY OF RESULTS TO BE OBTAINED. IF THE PRODUCT DOES NOT MEET SYNTHETIC INDUSTRIES' CURRENT PUBLISHED SPECIFICATIONS, AND THE CUSTOMER GIVES NOTICE TO SYNTHETIC INDUSTRIES BEFORE INSTALLING THE PRODUCT, THEN SYNTHETIC INDUSTRIES WILL REPLACE THE PRODUCT WITHOUT CHARGE OR REFUND THE PURCHASE PRICE.

Attachment B

Manufacturers' Technical Data Sheet for Mirafi® S1200



TC Mirafi

TECHNICAL DATA SHEET

Mirafi S1200

Mirafi S1200 is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. S1200 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Weight	ASTM D 5261	g/m ² (oz/yd ²)	407 (12.0)
Thickness	ASTM D5199	mm (mils)	3.30 (130)
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.38 (310)
Grab Tensile Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.53 (120)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	4473 (650)
Puncture Strength	ASTM D 4833	kN (lbs)	0.80 (180)
Apparent Opening Size (AOS)	ASTM D 4751	mm (U.S. Sieve)	0.150 (100)
Permittivity	ASTM D 4491	sec ⁻¹	0.9
Permeability	ASTM D 4491	cm/sec	0.30
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	2647 (65)
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	80

Physical Properties	Test Method	Unit	Typical Value
Roll Dimensions (width x length)	--	m (ft)	4.5 x 91 (15 x 300)
Roll Area	--	m ² (yd ²)	418 (500)
Estimated Roll Weight	--	kg (lb)	186 (409)

DISCLAIMER: TC Mirafi warrants our products to be free from defects in material and workmanship when delivered to TC Mirafi's customers and that our products meet our published specifications. Contact your local TC Mirafi Representative for detailed product specification and warranty information.

Attachment C

Manufacturers' S-Series Nonwovens Requirements Information



TC Mirafi

S-Series Nonwovens Requirements

- S-Series products are non-inventory items. Allow a two-week lead-time to begin production from receipt of order. However, we may be able to begin production in a shorter period of time if the current schedule permits. The following minimum quantities will be required:

Product	Minimum Run
S600/15/300	42,000 Sq. Yds
S800/15/300	36,000 Sq. Yds
S1000/15/300	32,000 Sq. Yds
S1200/15/300	28,000 Sq. Yds
S1400/15/150	25,000 Sq. Yds
S1600/15/150	23,000 Sq. Yds

* minimum runs are based on 12 hours production time

- The physical properties shown on our Technical Data Sheets cannot be altered to meet a particular project's specification. However, if a specification requires properties other than those of the standard S-Series, contact your Regional Manager. The project may warrant production of a special product.
- Be aware that a specification for a geotextile is usually more than a table of physical properties. Sometimes special testing frequencies, warranties, and submittal documents are required by the specification, particularly in landfill applications. Be alert for the following:
 - ◆ Certification that the product be "needle-free".
 - ◆ Long term warranties.
 - ◆ Detailed submittals: A technical data sheet and our Quality Control manual are always available for submittal.
 - ◆ Special testing frequencies: TC Mirafi's standard Quality Control procedure allows for the testing of all published properties, except AOS and UV Resistance, at a frequency of at least once per 100,000 square feet for the standard S-Series products.

If you encounter any of the aforementioned conditions in a specification, contact TC Mirafi.

Note: The S-Series products were designed to provide nonwoven products which have Minimum Average Roll Values for Mass per Unit Area (weight) and Thickness, properties not provided by the N-Series.

Attachment D

Manufacturers' Installation Guidelines

INSTALLATION GUIDELINES FOR GEOSYNTHETICS USED AS LINER REINFORCEMENT

Prepared by



TC Mirafi

TC Mirafi

365 South Holland Drive

Pendergrass, GA 30567

Tel: (706) 693-2226

Fax: (706) 693-2083

www.tcmirafi.com

April 1, 1997

General

This document is prepared to help ensure that the geosynthetic liner reinforcement, once installed, will perform its intended design function. To do so, the geosynthetic must be identified, handled, stored, and installed in such a way that its physical property values are not affected and that the design conditions are ultimately met as intended. This document contains information consistent with generally accepted practice of identifying, handling, storing and installing geosynthetic material. Failure to follow these guidelines may result in the unnecessary failure of the geosynthetic in a properly designed application.

Material Identification, Storage and Handling

The geosynthetic shall be rolled on cores having strength sufficient to avoid collapse or other damage from normal use. Each roll shall be wrapped with a plastic covering to protect the geosynthetic from damage during shipping and handling, and shall be identified with a durable gummed label or the equivalent, clearly readable on the outside of the wrapping for the roll. The label shall show the manufacturer's name, the style number, and the roll number. Roll identification corresponding to the proposed location of the roll as shown on the construction drawings and as approved by the Engineer, Owner and Contractor can be provided.

While unloading or transferring the geosynthetic from one location to another, prevent damage to the wrapping, core, label, or to the geosynthetic itself. If the geosynthetic is to be stored for an extended period of time, the geosynthetic shall be located and placed in a manner that ensures the integrity of the wrapping, core, and label as well as the physical properties of geosynthetic. This can be accomplished by elevating the geosynthetic off the ground and ensuring that it is adequately covered and protected from ultraviolet radiation including sunlight, chemicals that are strong acids or strong bases, fire or flames including welding sparks, temperatures in excess of 70°C (160°), and human or animal destruction.

Geosynthetic Placement

Prepare the surface on which the geosynthetic reinforcement is to be placed so that no damage to the geosynthetic will occur. The subgrade should be cleared of all obstacles and proofrolled. The surface should be smooth and level such that any shallow depressions and humps do not exceed six (6) inches in depth and height.

Before unrolling the geosynthetic, verify the roll identification, length, and installation location with the contract drawings. While unrolling the geosynthetic, inspect it for damage or defects. Damage that occurs during storage, handling or installation shall be repaired as directed by the Engineer.

Orientation of the geosynthetic is of extreme importance since geosynthetics may vary in strength with direction. The geosynthetic should be rolled out and laid at the proper

elevation, location and orientation as shown on the construction drawings. The roll direction of the geosynthetic should be laid in the direction of the primary reinforcement. The Contractor is responsible for the correct orientation of the geosynthetic. The geosynthetic shall be cut to the measured length using a razor blade, scissors, sharp knife, or equivalent.

After being rolled out the geosynthetic shall be tensioned until taut, free of wrinkles and laying flat. Adjacent geosynthetic rolls should be overlapped as necessary to ensure 100 percent coverage, unless otherwise specified on the contract drawings. Adjacent geosynthetic panels should be joined with plastic ties spaced as necessary or sewn to prevent the loss of 100% coverage due to geosynthetic panel shifting during backfill operation.

Splices should be minimized in the primary strength direction. Therefore, when possible, the geosynthetic should be installed with the roll direction extending the full length of the reinforced area. Otherwise, splices along the roll direction should be limited to one splice per panel width and it should be constructed to ensure 100 percent strength efficiency. Splices occurring in adjacent panels should be staggered a minimum of fifteen (15) feet.

To install the geosynthetic around manholes and gas collection headers, slice the geosynthetic through the cross-machine members an appropriate length to place around the obstacle. This will allow the geosynthetic to be installed in a continuous sheet over the top of the obstacle. Certain fill properties, fill placement procedures and/or weather conditions may require the reinforcement to be held in place by sandbags or fills, as directed by the Engineer.

Fill Placement

Deployment of fill should be performed as directed by the engineer in charge of quality assurance. Fill should be compacted as defined in the project specifications or as directed by the Engineer. Fill placement and spreading should be done in a manner that prevents wrinkles and/or slippage of the geosynthetic. Fill placement should proceed in the direction of the adjacent panel overlap, and from the bottom of the slope upward; however, temporary anchoring may be required, particularly at the top of the slope, to ensure that final anchoring is in accordance with the construction drawings.

After fill material is placed on the geosynthetic, final spreading and compaction may be carried out by a small dozer with low to moderate ground pressure and/or front-end loaders as site conditions permit. A minimum cover of twelve (12) inches should be maintained between preparation performed prior to geosynthetic placement and upon the size and angularity of fill material. The contractor is responsible for verifying any equipment loading constraints with the Engineer before fill placement begins.

Construction equipment shall not be allowed onto the exposed geosynthetic. Additional fill compaction can be accomplished after spreading, grading, and track/tire compaction

using either a pneumatic or vibratory roller. Sheepsfoot rollers shall not be used for initial compaction, as the feet may damage the geosynthetic.

INSTLN.R.DOC
Revision: 0
Date: April 1, 1997

Attachment F

Manufacturers' Needle Detection Statement



Ten Cate Nicolon

6/3/2003

Needle Detection

Ten Cate Nicolon's nonwoven production lines are equipped with metal detection devices that constantly monitor for metal contaminants. If metallic contaminants are detected they are located and removed. Ten Cate Nicolon cannot be held responsible for contaminants incurred during shipping and handling. Ten Cate Nicolon's responsibility shall be limited to replacement of any contaminated material and shall not include any subsequent damage from the use thereof.

Melissa Medlin
Quality Manager
Pendergrass, GA Facility

Ten Cate Nicolon USA

Ecycel® • MiraDR® • Mira™ Industrial Fabrics and Construction Products

365 South Hillside Drive / Pendergrass, Georgia 30167 / 706 693 2226 / 1 828 795 0808 / Fax 706 693 4400

A subsidiary of Royal Ten Cate



Attachment G

Manufacturers' Letter – Example Product Warranty

June 5, 2003

Mr. Jim Weeden
CFP, Inc.
PO Box 567
Pineville, NC 28134

RE: Saluda Dam Remediation
20 Year Warranty

Dear Mr. Weeden:

For the Saluda Dam Remediation project, Ten Cate Nicolon will warrant our product to be free from manufacturing defects and material degradation for a period of twenty years from the date of installation. Ten Cate Nicolon will replace defective product without charge to our customer. Replacement of the product is the buyer's sole remedy for a breach and Ten Cate Nicolon will not be liable for any consequential damage attributed to a defective product.

This warranty is based on the material being installed properly in a suitable application. Ten Cate Nicolon assumes no responsibility for the project material specification and its suitability in this application.

Sincerely,

John M. Henderson
Director of Marketing

cc: Fred Chuck, Ten Cate Nicolon.

Attachment H

Manufacturers' Quality Control Plan



Quality Control Plan Nonwovens

THE QUALITY SYSTEM

The Quality System is for the purpose of continuous improvement of our products and service. The Quality System will be assessed annually through audits and Management Reviews. The Quality Assurance Manager is responsible for establishing, implementing, and maintaining the Quality System.

It is the responsibility of each employee to perform tasks under the quality system assigned to them and to take appropriate actions to ensure that the quality system is followed and that all products of TC Mirafi conform to specification.

PERSONNEL

The Quality Control Lab consists of sufficient staff and testing equipment to properly conduct quality testing on TC Mirafi products. The QA Manager will determine "sufficient staff" based on testing needs. Resource requirements are regularly reviewed during Management Review.

TRAINING

A job description is maintained for each job classification. A training form is maintained for each employee in the QC Lab, detailing training activities. The Quality Assurance Manager and/or Human Resources maintain Job descriptions and training forms.

Individuals are qualified based on their abilities, education, on-the-job training, and other special skills.

OUTSIDE SERVICES AND SUPPLIES

TC Mirafi solicits qualified vendors for products and services in order to maintain Quality Control and to make sure that the inspection practices and techniques assure delivery of only high standard quality materials and services.

Vendors will be verified by the Quality Assurance Manager prior to procurement, for their ability to meet requirements, performance records, and quality history.

nonconforming product is reviewed to determine whether the material will be scrapped, reworked, downgraded or continued through processing, reworked material is re-inspected and must meet requirements.

CORRECTIVE AND PREVENTATIVE ACTION

TC Mirafi recognizes that the effectiveness of the corrective and preventative action policy is crucial to the success of the Quality System.

Corrective Action procedures include:

Analyzing customer complaints.

Investigation into the root cause of nonconforming products and system nonconformances.

Determination of corrective action to eliminate the cause of the nonconformance.

The quality system provides for preventative action by reviewing data including: customer complaints, audit results, and past nonconformances to detect and eliminate potential causes of nonconformances

STATEMENT OF AUTHORITY

The Quality Assurance Manager has been assigned ultimate responsibility for implementing the Quality System and the authority for assuring its maintenance.

In the absence of the Quality Assurance Manager, the delegation of responsibility will be assigned to persons to act in those instances to ensure continuation of operations.

Responsibility for activities described under each element may be assigned to appropriate supervisors. Delegation of responsibility and authority includes responsibility to ensure all activities described in a procedure are implemented as written.

CERTIFICATIONS

All product certifications originate from the Quality Assurance Manager and are supported by test data.

Each shipment of material is certified to meet product specifications and is supported with actual test results. The results of each test, or series of tests, is recorded in a test report or test certificate and contains all the necessary information as follows:

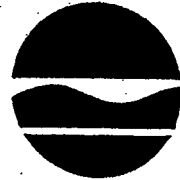
Report identifiers
Identification of the test method
Property values
Date of issue

The Quality Assurance Manager is responsible for signing reports or designating personnel to sign reports accepting responsibility that content of the report is accurate.

In the event a report or certification is sent to a customer and is determined to have an erroneous result, the QA Manager will amend the report, and the report will reflect a revision.

Where appropriate statements concerning confidentiality and reproducibility will be included.

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, Albany, New York 12233-7016
Phone: (518) 402-9767 • FAX: (518) 402-9020
Website: www.dec.state.ny.us



Erin M. Crotty
Commissioner

September 12, 2003

James Hartnett
GM Powertrain
Remediation Project Office
6723 Towpath Road, GCOP Suite 255
Syracuse, NY 13214

Re: Former IFG Facility (Registry # 7-34-057) and Ley Creek Deferred Media
NYSDEC Order on Consent Index # D-7-0001-97-06
Landfill IRM, Technical Variance 1, Soil bedding Layer

Dear Mr. Hartnett:

The Department has reviewed the Technical Variance 001, submitted on September 2 2003 regarding a variance to the specification regarding the soil bedding layer. The approved design requires a 6 inch sand layer beneath the geomembrane as protection material which meets the specification 02292 . The variance submitted designates the use of Marafi[®] S1200, non-woven geotextile fabric in lieu of the specified sand material as the protection material.

Based upon the review of the information submitted with the variance, Technical Variance 001 is approved by the Department.

Sincerely,

Susan Benjamin
Project Manager

cc: B. Kogut
L. Fitzpatrick
B. Kubiak ✓

cc: [unclear] 12/21/03 +2
DMC
BAK
CFL
EBLAN
~~EBLAN~~
Dave Woodruff (Rapt)

Technical variance # 2 – Woven geotextile on western rip-rap slope



TECHNICAL VARIANCE REQUEST

Project Name: Former Landfill IRM

Variance No.: 002

Project No.: 60709-5

Date: January 27, 2005

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/17/05 By MMK

Variance (include justification)

According to the Former Landfill IRM Design, Drawing G-6 "Proposed Cover Plan", Drawing Notes 1 and 2: "Rip-rap shall be underlain with Mirafi 500X and shall be installed per manufacturers' recommendations. In areas requiring rip-rap, 12-inches of fine rip-rap shall be installed over 6" of barrier protection material."

Royal Environmental proposes to substitute 6-oz. Typar® SF65 Spunbonded Polypropylene, nonwoven geotextile fabric for the specified Mirafi 500x for a 185-foot section along the southwest bank beginning from the southern end of the bank proceeding north.

The reason for the requested variance is Royal's field personnel mistakenly placed the requested substitute product and the rip-rap cover has been placed over top of the Typar® SF65 Spunbonded Polypropylene. The removal of the placed rip-rap and fabric poses a risk to damaging the Tri-Planer Geonet material and possible the 40-mil liner.

The remaining western bank requiring placement of rip-rap will be underlain by Mirafi 500X woven geotextile fabric.

Requested By: Paul Mirvick Date: 01/27/05

Approved By: Date:

Attachments:

- A. Specification sheet - Typar® SF65
B. Laboratory friction testing (direct shear test) results - Typar® SF65 and Barrier Protection Material



Typar® SF

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 2/17/05 By MUK



Property	UNIT	SF20	SF27	SF32	SF37	SF40	SF44	SF49	SF56	SF65	SF77	SF77	SF111
Descriptive Properties													
Area Weight	g/m ²		90		125		150		190		260		375
Thickness under 2kN/m ²	mm		0.38		0.43		0.46		0.54		0.65		0.85
Thickness under 200kN/m ²	mm		0.31		0.37		0.40		0.48		0.59		0.79
Mechanical Properties													
Tensile Strength*	kN/m		5.1		8.0		10.0		12.8		20.0		29.0
Elongation*	%		45		60		60		65		70		70
Strength at 5% elongation*	kN/m		2.9		3.5		4.2		5.7		8.1		12.0
Energy Absorption*	kN/m		2		4		5		7		11		15
Grab Strength	N		430		700		850		1100		1680		2410
Puncture CBR**	N		800		1180		1550		1970		2800		3950
Dyn. Cone Puncture	mm		48		35		28		24		25		15
Burst Strength	kPa		700		1050		1260		1625		2250		3600
Tear Strength	N		190		300		395		460		475		640
Puncture "US Rod"	N		160		225		270		350		475		700
Hydraulic Properties													
Opening Size O ₅₀ Wet	µm		180		135		105		80		60		55
Opening Size O ₅₅ Dry	µm		350		220		200		100		<75		<75
	US Sieve		40		70		70		140		>200		>200
Permittivity	1/s		2.0		1.20		1.10		0.65		0.35		0.20
Flow Rate at 50mm WH	gal/ft min		140		85		80		45		27		10
Permeability at 20 kN/m ²	10 ⁴ m/s		3.6		2.4		2.1		1.4		1.0		0.7
Permeability at 200 kN/m ²	10 ⁴ m/s		2.5		1.7		1.5		1.0		0.7		0.5

* Equivalent to EN ISO 10319 and BS 6906-1
 ** Equivalent to DIN 54307 and BS 6906-4

Durability

Natural UV light	Unaffected
Natural occurring acids and alkali	Unaffected
Lactic acid (pH 2.4) 15 days at 50 °C	Unaffected
Sodium Carbonate (pH 11.6) 15 days at 50 °C	Unaffected
Calcium Hydroxide Ca (OH) ₂ (pH 12.5) 10g/l, 15 days at 25 °C	Unaffected

Product description

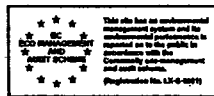
Polymer	High Density Polyethylene
Specific gravity	0.97
Melting point	130 °C
Type of fiber	Monofilament
Fiber diameter	40 µm
Fiber bonding	Thermal bonding

The values correspond to average results obtained in our laboratories and outside institutes and are indicative. The right is reserved to make changes at any time without notice.

Packaging Data

Type	width m	length m	area m ²	diameter cm	weight kg	rolls per 20' FCL
SF 20	2.25	250	562	28	72	-
	4.50	200	900	38	154	57
	5.20	400	2080	32	36	40
SF27	2.10	100	210	24	24	-
	4.50	150	675	28	72	56
	5.20	150	780	28	83	55
SF32	2.00	150	300	29	38	-
	4.50	100	450	25	61	66
	4.50	150	675	29	86	56
	5.20	150	780	29	99	55
SF 37	2.10	150	315	29	45	-
	3.50	150	525	29	74	-
	4.50	100	450	27	68	66
	4.50	150	675	29	97	56
	5.20	150	780	29	111	55
SF40	2.10	150	315	31	48	-
	3.50	150	525	31	80	-
	4.50	100	450	27	72	66
	4.50	150	675	31	103	56
	5.20	150	780	31	119	55
SF44	4.50	150	675	31	111	56
	5.20	150	780	31	130	56
SF49	4.50	100	450	26	86	56
	5.20	100	520	26	99	55
SF56	4.50	100	450	29	97	56
	5.20	100	520	29	112	55
SF65	4.50	100	450	30	110	56
	5.20	100	520	30	127	55
SF77	4.50	100	450	32	128	56
	5.20	100	520	32	148	55
SF94	4.50	100	450	35	156	56
	5.20	100	520	35	180	55
SF111	4.50	100	450	37	180	56
	5.20	100	520	37	206	55

400m long rolls available for major projects. For further information, please contact DuPont.



This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

Typar®
DuPont Nonwovens
L-2984 Luxembourg
Tel: +352 3666 5779
Fax: +352 3666 5021

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.



DuPont Nonwovens

Date 2/17/05 By NMK

GeoTesting express

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/17/05 By MMK

Transmittal

TO:

Mr. Paul Micciche
Royal Environmental
1 General Motors Drive
Syracuse, NY 13206

DATE: 1/19/05	GTX NO: 5666
RE: Former Landfill IRM; GMC Project	

COPIES	DATE	DESCRIPTION
	1/19/05	January 2005 Laboratory Test Reports
		1 four-point Interface Shear Test Series (ASTM D 5321)

REMARKS:

CC:

SIGNED:


Joe Tomei - Laboratory Manager

APPROVED BY:


Fred Hooper - Laboratory Manager

GeoTesting express

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/17/05 By MMK

Geotechnical Test Report

January 19, 2005

Former
Landfill IRM
GMC
Project

Prepared for:

Royal Environmental

REVIEWED

REVIEWED SOLELY FOR GENERAL

Client: Royal Environmental
 Project Name: Former Landfill IRM; GMC
 Project Location: 1 General Motors Drive
 GTX #: 5666

COMPLIANCE WITH CONTRACT DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Start Date: 01/17/05
 End Date: 01/18/05
 Tested By: RMT/BDF
 Checked By: JDT

Date 2/17/05 By MMK

Test Profile / Setup
 Top to bottom:

Series #5; steel plate / SOIL / GEOTEXTILE / textured steel plate

Soil ID/Description:
 Soil Preparation:

Barrier Protection Layer: Moist, brown sand with silt and gravel.
 Compacted to 95% of Maximum Dry Density at the Optimum Moisture Content (values provided by client).

Compaction Characteristics
 ASTM D 698:

Maximum Dry Density, pcf	Optimum Moisture Content, %
133.9	6.8

Geosynthetic Description /
 Preparation:

Geotextile: SF65: Gray, non-woven geotextile.
 Test inundated under normal load for 30 minutes prior to shear.

Test Equipment:

Top box = 12 in x 12 in; Bottom box = 16 in x 12 in; Load cells and LVDTs connected to data acquisition system for shear force, normal load and horizontal displacement readings; Flat plate clamping device; surface area = 144 in²

Test Condition:

inundated

Horizontal Displacement, in/min: 0.039

Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
Initial Moisture Content, %	7	7	7	7	---
Initial Dry Density, pcf	127	127	127	127	---
Percent Compaction, %	94.8	94.8	94.8	94.8	---
Normal Compressive Stress, psi	1.0	2.0	4.0	8.0	---
Peak Shear Stress, psi	0.6	1.2	2.3	4.9	---
Post Peak Shear Stress, psi	0.5	1.1	2.2	4.9	---
Final Moisture Content, %	18	17	18	17	---

NOTE:

Peak Friction Angle: 32 degrees
 Peak Cohesion: 0 psi
 Post Peak Friction Angle: 32 degrees
 Post Peak Cohesion: 0 psi

Figure a. Shear Force vs. Horizontal Displacement

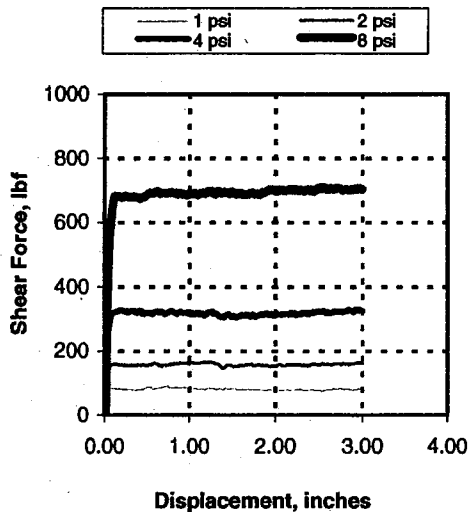
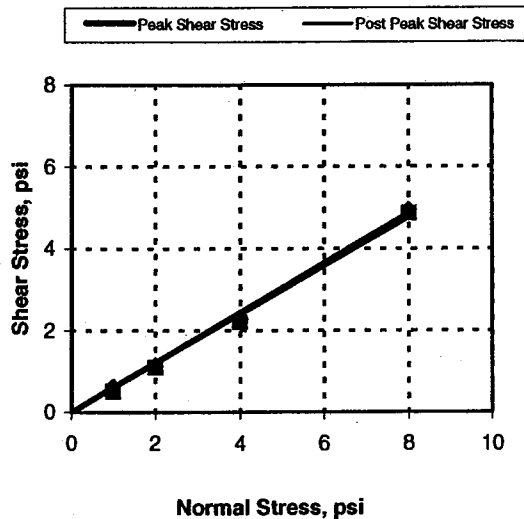


Figure b. Shear Stress vs. Normal Stress



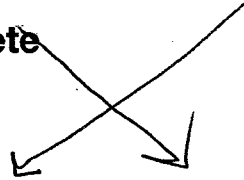
Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Mirafi® 500X

for Interlocking Concrete
Paver Stabilization

Mirafi® 140N

for Subsurface Drainage



Property / Test Method	Unit	140N
MECHANICAL PROPERTIES		
Grab Tensile Strength		
ASTM D 4632		
Strength @ Ultimate	kN (lbs)	0.53 (120)
Elongation @ Ultimate	%	50
Mullen Burst Strength		
ASTM D 3786	kPa (psi)	1550 (225)
Trapezoidal Tear Strength		
ASTM D 4355	kN (lbs)	0.22 (50)
Puncture Strength		
ASTM D 4833	kN (lbs)	0.30 (65)
UV Resistance after 500 hrs.		
ASTM D 4355	% strength	70
HYDRAULIC PROPERTIES		
Apparent Opening Size (AOS)		
ASTM D 4751	US Sieve (mm)	70 (0.212)
Permittivity		
ASTM D 4491	sec ⁻¹	1.8
Flow Rate		
ASTM D 4491	l/min/m ² (gal/min/ft ²)	5500 (135)
Packaging		
Roll Width	m(ft)	3.8 (12.5) 4.5 (15.0)
Roll Length	m(ft)	110 (360)
Est. Gross Weight	kg(lbs)	74 (164) 89 (197)
Area	m ² (yd ²)	418 (500) 502(600)

Property / Test Method	Unit	500X
MECHANICAL PROPERTIES		
Grab Tensile Strength		
ASTM D 4632		
Strength @ Ultimate	kN (lbs)	0.90 (200)
Elongation @ Ultimate	% MD/ CD	15/ 10
Mullen Burst Strength		
ASTM D 3786	kPa (psi)	2756 (400) <i>1900 - (275)</i>
Trapezoidal Tear Strength		
ASTM D 4355	kN (lbs)	0.33 (75)
Puncture Strength		
ASTM D 4833	kN (lbs)	0.40 (90) <i>- SAME</i>
UV Resistance after 500 hrs.		
ASTM D 4355	% strength	70
HYDRAULIC PROPERTIES		
Apparent Opening Size (AOS)		
ASTM D 4751	US Sieve (mm)	50 (0.30)
Permittivity		
ASTM D 4491	sec ⁻¹	0.05
Packaging		
Roll Width	m(ft)	3.8 (12.5) 5.3 (17.5)
Roll Length	m(ft)	132 (432)
Est. Gross Weight	kg(lbs)	94.2 (309)
Area	m ² (yd ²)	95 (210) 502 (600)

www.mirafi.com

WARRANTY

MIRAFI® Construction Products assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. MIRAFI® disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

PDS.500x140n.0304

CORPORATE OFFICE

365 South Holland Drive • Pendergrass, GA 30567
(888) 795-0808 • (706) 693-2226 • Fax (706) 693-4400



Ten Cate Nicolon

O'BRIEN & GERE ENGINEERS, INC.

Construction Modification

PROJECT: GM Former Landfill IRM

PROJECT NO.: 4966/34126

ORIGINATOR: Royal Environmental

TECH. VARIANCE: 2

CONTRACTOR: Royal Environmental

CONTRACT NO.: N/A

DESCRIPTION & REASON FOR MODIFICATION:

See attached Technical Variance request

Preliminary Notification to Construction (Date): 2/15/2005

Final Approval of Modification Documents:

David J. Foster / *Patricia Kelly*

Managing Engineer: _____

Design VP: *Amcray*

PLANS, SKETCHES OR INSTRUCTIONS COMPLETED:

Cost of Modification: Engineer's Estimate: N/A

Contractor's Proposal: N/A

Approval of Contractor's Proposal: Managing Engineer: N/A

Design VP: N/A

Contract Admin: N/A

Client (Date): N/A

Final Price: N/A

Authorization to Contractor (Date) _____

Change Order No.: N/A Date: N/A

Cross Reference: N/A

Contract No.: N/A

Modification No.: N/A

Technical variance # 3 – Seed mixture



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 024
Subject: Former Landfill IRM – Submittal for Technical Specification Section 02981
Project No.: 60709-5
Date: November 11, 2004

Attached you will find the following submittals for Seeding:

- Documentation regarding seed vendor and warranty of seed species;
- Fertilizer and mulch vendor's certification; and,
- Hydroseeding application rate information.

Royal proposes to apply the fertilizer and seed through hydroseeding at the application rates specified in Section 02981. The Conwed Fibers 2000 product will be applied at a rate of 1,500 to 2,000 pounds per acre.

11/12/04 11:50

315 838 0071

Herritt Seed Co

0001/002

Merritt Seed Company

STANLEY M. BOOTS, TURF CONSULTANT

SPECIALIZING IN GRASS SEED MIXTURES - FERTILIZERS - EROSION CONTROL PRODUCTS - PROFILE CONNED FIBERS DISTRIBUTOR - HYDROSEEDING MATERIALS

7880 GATES ROAD, BALDWINSVILLE, NEW YORK 13027

TELEPHONE: 315 838-0810 FAX: 315 838-0071

PROUDLY PROVIDING ALL YOUR SEEDING NEEDS SINCE 1958

www.merritseed.com

November 12, 2004

Millers Landscaping LLC
6741 Happy Valley Rd.
Verona, NY 13478

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 1/18/05 By MMK

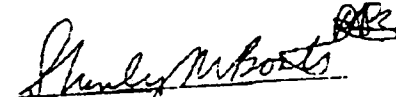
To whom it may concern:

This is to verify the seed mixture that Merritt Seed Company will supply to Millers Landscaping LLC, for use on the Former Landfill IRM Project, conforms to the following specifications:

Percent in Mix	Variety	Purity	Germ
40.00%	Pennlawn Red Fescue	98.00%	85%
20.00%	Vail Perennial Ryegrass	99.41%	90%
20.00%	Wizard Perennial Rye	97.00%	90%
20.00%	Kenblue Kentucky Bluegrass	99.22%	85%

The seed was packaged in 40 pound sealed bags with labels bearing the Lot Number: MB2177, the Job: Former Landfill IRM, and the percentages of the mix for purity, germination, crop seed, weed seed content, and inert material.

I certify that the above information is correct to the best of my knowledge.


Stanley M. Boots
Owner

FINN

Merritt Seed Company

STANLEY M. BOOTS, TURF CONSULTANT

SPECIALIZING IN GRASS SEED MIXTURES - FERTILIZERS - EROSION CONTROL PRODUCTS - PROFILE CONNED FIBERS DISTRIBUTOR - HYDROSEEDING MATERIALS

7880 GATES ROAD, BALDWINSVILLE, NEW YORK 13027
TELEPHONE: 315 638-0810 FAX: 315 638-0071
PROUDLY PROVIDING ALL YOUR SEEDING NEEDS SINCE 1958
www.merrittseed.com

November 12, 2004

Millers Landscaping LLC
6741 Happy Valley Rd.
Verona, NY 13478

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 11/18/05 By UMK

To whom it may concern:

This is to verify the fertilizer that Merritt Seed Company supplied to
Millers Landscaping for use on the Former Landfill IRM Project is as follows:

19-19-19

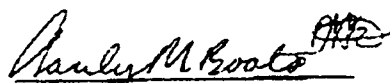
The manufacturer guarantees 19 pounds of available Nitrogen per CWT which is derived
from Diammonium Phosphate and and/or Ureas and/or Sulfate of Ammonia.

The manufacturer guarantees 19 pounds of available P2O5 per CWT, which is derived
from Diammonium Phosphate and/or Monammonium Phosphate and/or Superphosphate.

The manufacturer guarantees 19 pounds of available K2O per CWT, which is derived
from muriate of Potash.

The product is packaged by the manufacturer in 50-pound bags bearing the 19-19-19
marking.

I certify that the above information is correct to the best of my knowledge.


Stanley M. Boots
Owner

FINN

7880 GATES ROAD, BALDWINVILLE, NEW YORK 13027

TELEPHONE: 315 638-0910 FAX: 315 638-0071

PROUDLY PROVIDING ALL YOUR SEEDING NEEDS SINCE 1958

www.merrittseed.com

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 1/18/05 By NMK

To whom it may concern:

REF: CONWED FIBERS 2000 CERTIFICATION

TO: STATE OR FED AGENCY, PROJECT OWNER, ETC

The manufacturer, PROFILE Products LLC, 750 Lake Cook Road, Suite 440, Buffalo Grove, IL 60089, CERTIFIES THAT CONWED FIBERS 2000 COMPLIES WITH THE FOLLOWING PRODUCT SPECIFICATIONS:

PHYSICAL PROPERTIES

MOISTURE CONTENT	12% +-3
ORGANIC CONTENT	96.2% +- .8
ASH CONTENT	.8% +- .8
GUAR GUM TACKIFIER	3.0% MIN
pH RANGE	4.8 +-1
C FACTOR 2.5:1 SLOPE	.22 (2000 LBS / AC)
WATER HOLDING CAPACITY	1350% MIN

PACKAGING

NET WEIGHT 50 LB BALE, 40 BALES PER PALLET

The wood fiber is packaged in 50 pound units displaying the manufacturer's name and address, net weight, and customer service telephone.

I certify that the above information is correct to the best of my knowledge.

Stanley M. Boots
Stanley M. Boots
Owner

FINN



New York State Department of Environmental Conservation

Division of Environmental Remediation

625 Broadway, 12th Floor, Albany, NY 12233-7016

Phone: (518) 402-9767 • FAX: (518) 402-9020

Website: www.dec.state.ny.us

~~AMK~~
CFL
EBR



December 22, 2004

James Hartnett
General Motors Corporation
Remediation Team
1 General Motors Drive STE2
Syracuse, NY 13206-1127

Re: General Motors- Former Inland Fisher Guide Facility/ Ley Creek Deferred Media Site
Administrative Order on Consent Index # D-7-0001-97-06
Former Landfill IRM
Seed Mixture Variance

Dear Mr. Hartnett:

The Department has reviewed the Royal Environmental Variance for Seed Mixture dated November 17, 2004. This variance is approved based upon the information and certification supplied by Merritt Seed Company and attached to the request for variance.

Sincerely,


Susan L. Benjamin
Project Manager

cc: B. Kogut
C. Leary

O'BRIEN & GERE ENGINEERS, INC.

Construction Modification

PROJECT: GM Former Landfill IRM

PROJECT NO.: 4966/34126

ORIGINATOR: Royal Environmental

TECH. VARIANCE: 5

CONTRACTOR: Royal Environmental

CONTRACT NO.: N/A

DESCRIPTION & REASON FOR MODIFICATION:

See attached Technical Variance request

Preliminary Notification to Construction (Date): 11/11/2004

Final Approval of Modification Documents: 1/19/2005

Managing Engineer: *Nathaniel L. King / Paul F. Furr* Design VP: *D. Manjiv*

PLANS, SKETCHES OR INSTRUCTIONS COMPLETED:

Cost of Modification: Engineer's Estimate: N/A

Contractor's Proposal: N/A

Approval of Contractor's Proposal: Managing Engineer: N/A

Design VP: N/A Contract Admin: N/A

Client (Date): N/A Final Price: N/A

Authorization to Contractor (Date) _____

Change Order No.: N/A Date: N/A

Cross Reference: N/A

Contract No.: N/A

Modification No.: N/A

Technical variance # 4 – Stone access road detail



**TECHNICAL VARIANCE REQUEST
Variance No. 004**

Project Name: Former Landfill IRM

Project No.: 60709-5

Date: February 3, 2005

Variance (include justification)

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/17/05 By MMK

Construction of the access road on the western margin of the landfill was undertaken in 2004, and the following cross-section (reference as Cross section TV-004A sequence) was placed in the location indicated on Figure 1 (attached):

- Top layer; 18-inches of run-of-crusher stone type "F" select fill
- Second layer; Mirafi S-1200 fabric
- Third layer; tri-planar geonet
- Fourth layer; 40 mil LLDPE geomembrane
- Fifth layer; Mirafi S-1200 fabric

Note that the original design for the access road specified that a 6-inch thickness of barrier protection material be placed above the tri-planar geonet. In November 2003, all parties agreed that the barrier protection layer would be eliminated, and that an additional 6-inch thickness of run-of-crusher stone be added to the 12-inches specified.

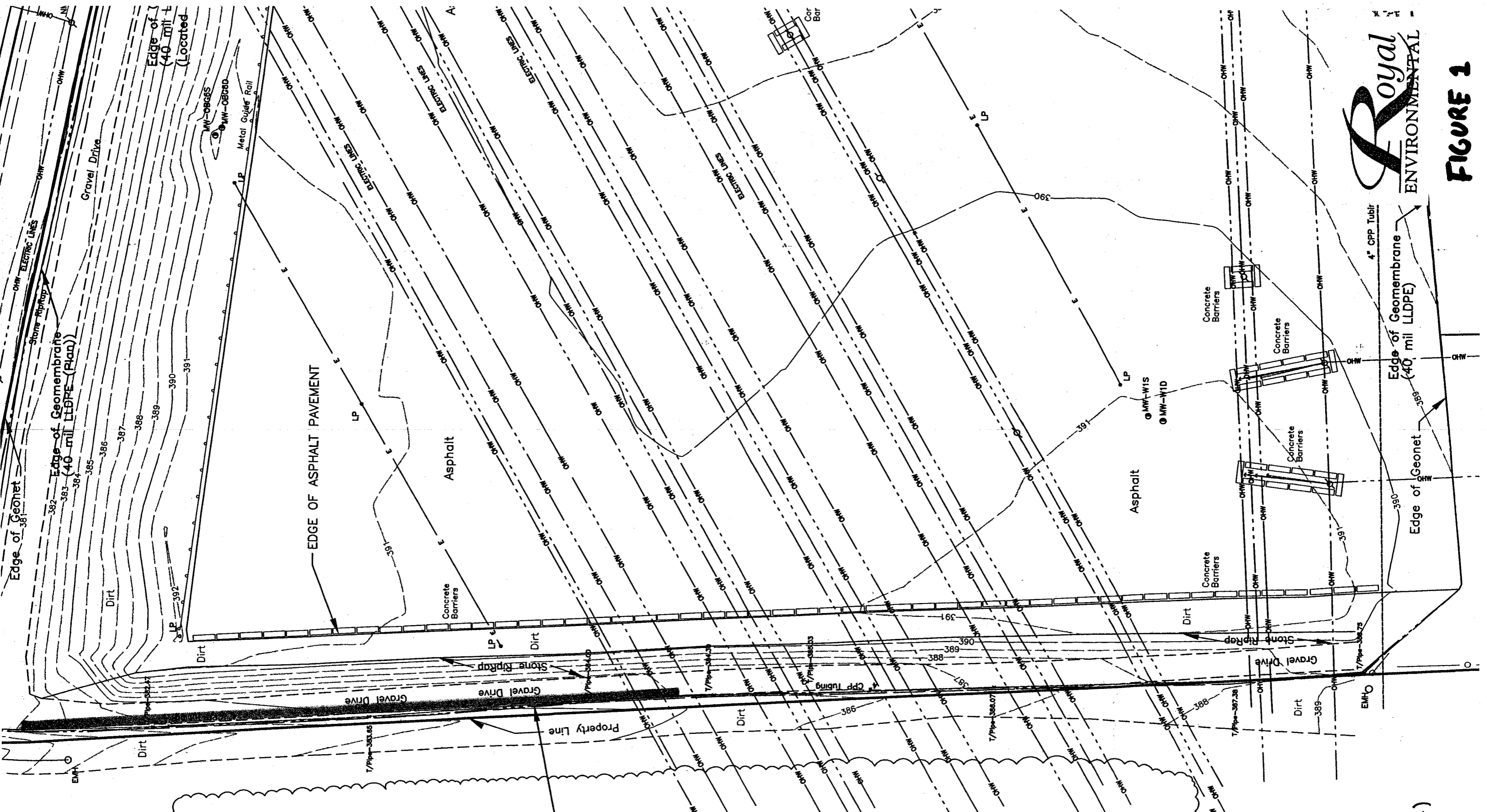
For this variance Royal proposes to substitute the following vertical sequence of materials (reference as Cross section TV-004B):

- Top layer; 12-inches of run-of-crusher stone type "F" select fill
- Second layer; Mirafi 500X fabric
- Third layer; 8-inches crushed stone
- Fourth layer; tri-planar geonet
- Fifth layer; 40 mil LLDPE geomembrane
- Sixth layer; Mirafi S-1200 fabric

The variance will serve to accommodate for an inadvertent miscommunication between Royal's supervisor and construction personnel. Cross section TV-004B was placed in the location indicated on Figure 1.

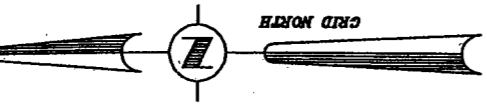
Submitted By: Paul M... .. Date: Feb. 3, 2005

Reviewed By: _____ Date: _____



REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.

Date 2/17/05 By MMK



3 of Geomembrane
 mil LLDPE (Plan))

V-004 B Sequence

V-004 A Sequence

(1 inch = 40 feet)



FIGURE 1

MQC & CQC documentation

D-1	Geomembrane MQC - Raw material QC documentation, test results & physical properties
D-2	Geomembrane CQC – Friction testing
D-3	Geomembrane CQC – Installer subgrade acceptance
D-4	Geomembrane CQC – Geomembrane panel layout
D-5	Geomembrane CQC – Non-destructive and destructive seam testing results
D-6	Tri-planar geonet MQC – Test results
D-7	Barrier protection CQC – Test results and non-hazardous waste documentation
D-8	Rip-rap characteristics
D-9	Geotextile filter fabric CQC – Physical properties
D-10	Geotextile stabilization fabric CQC – Physical properties
D-11	Fertilizer and seed information
D-12	Asphalt testing results and specification information
D-13	Low permeability material – Test results and non-hazardous waste documentation
D-14	Electrical submittals

Geomembrane MQC - Raw material QC documentation, test results & physical properties



Shipping Order - Packing List - Original - Not Negotiable

GSE Lining Technology, Inc. at HOUSTON, TEXAS

Shippers No. 35263

ad at Houston, Texas from GSE Lining Technology, Inc. the property described below, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined as indicated below, which said Carrier agrees to carry to the place of delivery at said destination. It is mutually agreed as to each Carrier of all or any said property, over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service performed hereunder shall be subject to the rates and contract agreed to in writing by GSE Lining Technology and Carrier. GSE Lining Technology's obligation to pay freight charges for the shipment is conditioned on (1) the existence of a separate written contract with the carrier transporting the freight and (2) the carrier's name appearing on this Bill of Lading, and other carriers must look solely to a party other than GSE Lining technology, Inc. for payment.

Ship To: Former General Motors Fischer Guide
C/o New England/Royal Environmental
One General Motors Drive
Syracuse NY 13206

Date: 08/21/03

**Roll Certifications
Included**

Branch Plant: 1500 .621811

Shipping Instructions:

Call David Woodruff@315-463-

2310 24hrs before delivery

Sales Order

31311 SO

No. Line	Roll #	QTY Shipped	UM	Kind of Package, Description of Articles, Special Marks, and Exceptions	Weight	Project# 513579
1	101108936	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,900.0	Freight charges are prepaid unless marked collect. Check box if collect.
2	101108938	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,930.0	
3	101108940	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,920.0	<input type="checkbox"/>
4	101108966	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,915.0	Customer P.O. #: GMS-080503
	101109038	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,905.0	If this shipment is to be delivered to consignee, consignee shall sign the following statement. Carrier may decline to deliver this shipment without payment of freight and all other lawful charges.
6	101109039	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,900.0	
7	101109042	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,890.0	
8	101109044	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,890.0	
9	101109048	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,885.0	
10	101109051	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,880.0	Signature of Consignor
11	101109053	19575	SF	LLD040A000 40 mil Avg UltraFlex Blk, VF, Smooth, 22.5'	3,870.0	Local Verification Signed: X
						Pick Up # 1950RR
						Seal #
						Truckers P.O. #

Total Quantity: 215,325

Total Weight: 42,885.00

Driver Requirements:

- 1) Driver must pre call 24 hrs prior to delivery and on Friday for Monday delivery.
- 2) Driver must call (281) 230-6781 when unloaded.
- 3) Driver must call and advise any delay in transit.
- 4) A copy of this B/L must accompany Freight Invoice.

CARRIER NAME: _____

CARRIER SIGNATURE: _____

DATE: _____



CoA Date: 07/11/2003

Certificate of Analysis

Shipped To: GSE LINING TECHNO
WESTFIELD
WESTFIELD TX 77090
USA

Recipient: DON BOHAC
Fax: 281-230-8630

CPC Delivery #: 86411073
PO #:
Weight: 186700 LB
Ship Date: 07/11/2003
Package: BULK
Mode: Hopper Car
Car #: CHVX896693

Product: PE 7104 BULK

Lot Number: CPG810040

Property	Test Method	Value	Unit
Melt Index	ST-103	0.36	g/10mi
Density	ST-292	0.919	g/cm3

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP. However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

Kay F. Donaldson
Quality Control Supervisor

For CoA questions contact Peter Scheirman at 713-289-4799



CoA Date: 07/21/2003

Certificate of Analysis

Shipped To: GSE LINING TECHNO
WESTFIELD
WESTFIELD TX 77090
USA

Recipient: DON BOHAC
Fax: 281-230-8630

CPC Delivery #: 86417400
PO #:
Weight: 188700 LB
Ship Date: 07/21/2003
Package: BULK
Mode: Hopper Car
Car #: CHVX896771

Product: PE 7104 BULK

Lot Number: CPG810070

Property	Test Method	Value	Unit
Melt Index	ST-103	0.36	g/10mi
Density	ST-292	0.919	g/cm3

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP. However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

Kay F. Donaldson
Quality Control Supervisor

For CoA questions contact Peter Scheirman at 713-289-4799



CoA Date: 07/24/2003

Certificate of Analysis

Shipped To: GSE LINING TECHNO WESTFIELD WESTFIELD TX 77090 USA	CPC Delivery #: 86419466 PO #: Weight: 187150 LB Ship Date: 07/24/2003 Package: BULK Mode: Hopper Car Car #: CHVX896845
Recipient: DON BOHAC Fax: 281-230-8630	

Product: PE 7104 BULK

Lot Number: CPG810090

Property	Test Method	Value	Unit
Melt Index	ST-103	0.36	g/10mi
Density	ST-292	0.918	g/cm3

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP. However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

Kay F. Donaldson
Quality Control Supervisor

For CoA questions contact Peter Scheirman at 713-289-4799



Certificate of Analysis

Shipped To: GSE LINING TECHNO WESTFIELD WESTFIELD TX 77090 USA	CPQ Delivery #: 86427351 PO #: Weight: 187100 LB Ship Date: 08/04/2003 Package: BULK Mode: Hopper Car Car #: CHVX889008
Recipient: DON BOHAC Fax: 281-230-8630	

Product: PE 7104 BULK

Lot Number: CPG810170

Property	Test Method	Value	Unit
Melt Index	ST-103	0.35	g/10mi
Density	ST-292	0.919	g/cm3

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP. However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

Kay F. Donaldson
Quality Control Supervisor

For CoA questions contact Peter Scheirman at 713-289-4799



ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 104118791
Product Name LUT040A000
Production Date 8/24/2003

Lot Number CPG810170
Type 7104
Supplier Chevron

Length +/- 1% 700 feet 213 meters
Width (Nominal) 22.5 feet 6.9 meters
Sheet Area 15,750 sq. feet 1,463 sq. meters
Weight 3,750 pounds 1,701 kilograms

GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.35

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Carbon Black Content, Carbon Black Dispersion, Density, and Asperity Height.

Order No. 31311
Customer Name New England Liner Systems
Project Name Former General Motors
Location Syracuse, NY

*Modified
GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 104118792
 Product Name LUT040A000
 Production Date 8/24/2003

Length \approx (+/- 1%) 700 feet
 213 meters

Width (Nominal) 22.5 feet
 6.9 meters

Sheet Area 15,750 sq. feet
 1,463 sq. meters

Weight 3,755 pounds
 1,703 kilograms

Lot Number CPG810170
 Type 7104
 Supplier Chevron

GSE RESIN TEST DATA

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.919
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.35

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5994					
Average		every roll	40	(1.0)	41	(1.0)
Minimum		every roll	36	(0.9)	37	(0.9)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 3rd	100	(175)	151	(264)
- M D		every 3rd	100	(175)	198	(346)
Break Elongation, % - TD	gauge length = 2.0"	every 3rd		500		613
- M D	(51 mm)	every 3rd		500		798
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 3rd	22	(98)	34	(150)
- M D		every 3rd	22	(98)	34	(149)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 3rd	48	(211)	88	(393)
Carbon Black Content, %	ASTM D 1603*					
		every 3rd		2.0		2.8
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 3rd		9		10
Density	ASTM D 1505					
		every 3rd		0.920		0.930
Asperity Height	GRI GM 12					
Average (mils)		every 2nd		10		14

Order No. 31311
 Customer Name New England Liner Systems
 Project Name Former General Motors
 Location Syracuse, NY

*Modified
 GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

Roll Number 104118793
Product Name LUT040A000
Production Date 8/24/2003

Length +/- 1% 700 feet 213 meters
Width (Nominal) 22.5 feet 6.9 meters
Sheet Area 15,750 sq. feet 1,463 sq. meters
Weight 3,735 pounds 1,694 kilograms

RESIN INFORMATION

Lot Number CPG810170
Type 7104
Supplier Chevron

GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.35

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Carbon Black Content, Carbon Black Dispersion, Density, and Asperity Height.

Order No. 31311
Customer Name New England Liner Systems
Project Name Former General Motors
Location Syracuse, NY

*Modified
GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 104118794
Product Name LUT040A000
Production Date 8/24/2003

Lot Number CPG810170
Type 7104
Supplier Chevron

Length +/- 1% 700 feet 213 meters
Width (Nominal) 22.5 feet 6.9 meters
Sheet Area 15,750 sq. feet 1,463 sq. meters
Weight 3,730 pounds 1,692 kilograms

GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.35

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Carbon Black Content, Carbon Black Dispersion, Density, and Asperity Height.

Order No. 31311
Customer Name New England Liner Systems
Project Name Former General Motors
Location Syracuse, NY

*Modified
GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 104118795
Product Name LUT040A000
Production Date 8/24/2003

Lot Number CPG810170
Type 7104
Supplier Chevron

Length +/- 1% 700 feet 213 meters
Width (Nominal) 22.5 feet 6.9 meters
Sheet Area 15,750 sq. feet 1,463 sq. meters
Weight 3,745 pounds 1,699 kilograms

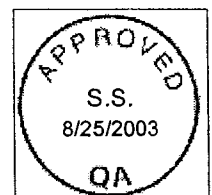
GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.35

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Carbon Black Content, Carbon Black Dispersion, Density, and Asperity Height.

Order No. 31311
Customer Name New England Liner Systems
Project Name Former General Motors
Location Syracuse, NY

*Modified
GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 104118796
Product Name LUT040A000
Production Date 8/25/2003

Lot Number CPG810170
Type 7104
Supplier Chevron

GSE RESIN TEST DATA

Length (Nominal) 700 feet, 213 meters
Width (Nominal) 22.5 feet, 6.9 meters
Sheet Area 15,750 sq. feet, 1,463 sq. meters
Weight 3,745 pounds, 1,699 kilograms

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.35

Table with columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Carbon Black Content, Carbon Black Dispersion, Density, and Asperity Height.

Order No. 31311
Customer Name New England Liner Systems
Project Name Former General Motors
Location Syracuse, NY





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 104118797
Product Name LUT040A000
Production Date 8/25/2003

Lot Number CPG810170
Type 7104
Supplier Chevron

Length +/- 1% 700 feet / 213 meters
Width (Nominal) 22.5 feet / 6.9 meters
Sheet Area 15,750 sq. feet / 1,463 sq. meters
Weight 3,750 pounds / 1,701 kilograms

GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.35

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English Metric, Test Results English Metric. Rows include Thickness, Tear Resistance, Puncture Resistance, Carbon Black Content, Carbon Black Dispersion, Density, and Asperity Height.

Order No. 31311
Customer Name New England Liner Systems
Project Name Former General Motors
Location Syracuse, NY





ROLL IDENTIFICATION

Roll Number	101108936	
Product Name	LLD040A000	
Production Date	7/29/2003	
Length \approx (+/- 1%)	870	feet
	265	meters
Width (Nominal)	22.5	feet
	6.9	meters
Sheet Area	19,575	sq. feet
	1,818	sq. meters
Weight	3,900	pounds
	1,769	kilograms

RESIN INFORMATION

Lot Number	CPG810040
Type	7104
Supplier	Chevron

GSE RESIN TEST DATA

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.919
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.0)
Minimum		every roll	36	(0.9)	39	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd	152		238	
- M D		every 2nd	152		246	
Break Elongation, % - TD	gauge length = 2.0"	every 2nd	850		1048	
- M D	(51 mm)	every 2nd	850		1056	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	26	(117)
- M D		every 2nd	22	(98)	28	(126)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	91	(403)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.930	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.3	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
Customer Name Former General Motors
Project Name New England Liner Systems
Location Syracuse, NY





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 101108938
Product Name LLD040A000
Production Date 7/29/2003
Length +/- 1% 870 feet / 265 meters
Width (Nominal) 22.5 feet / 6.9 meters
Sheet Area 19,575 sq. feet / 1,818 sq. meters
Weight 3,930 pounds / 1,783 kilograms

Lot Number CPG810040
Type 7104
Supplier Chevron

GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.36

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Density, Carbon Black Content, and Carbon Black Dispersion.

Order No. 31311
Customer Name Former General Motors
Project Name New England Liner Systems
Location Syracuse, NY

*Modified
GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 101108940
 Product Name LLD040A000
 Production Date 7/29/2003

Length \approx (+/- 1%) 870 feet
 265 meters
 Width (Nominal) 22.5 feet
 6.9 meters
 Sheet Area 19,575 sq. feet
 1,818 sq. meters
 Weight 3,920 pounds
 1,778 kilograms

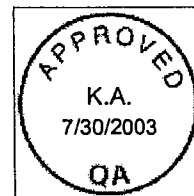
Lot Number CPG810040
 Type 7104
 Supplier Chevron

GSE RESIN TEST DATA

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.919
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.1)
Minimum		every roll	36	(0.9)	38	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd	152		231	
- M D		every 2nd	152		263	
Break Elongation, % - TD	gauge length = 2.0"	every 2nd	850		1095	
- M D	(51 mm)	every 2nd	850		1100	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	28	(123)
- M D		every 2nd	22	(98)	29	(128)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	90	(402)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.931	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.2	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
 Customer Name Former General Motors
 Project Name New England Liner Systems
 Location Syracuse, NY





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 101108966
Product Name LLD040A000
Production Date 8/1/2003

Lot Number CPG810070
Type 7104
Supplier Chevron

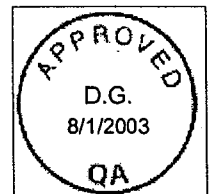
GSE RESIN TEST DATA

Length (approx +/- 1%) 870 feet, 265 meters
Width (Nominal) 22.5 feet, 6.9 meters
Sheet Area 19,575 sq. feet, 1,818 sq. meters
Weight 3,915 pounds, 1,776 kilograms

Property Test Method Results
Density, g/cc ASTM D 1505 0.919
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.36

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Density, Carbon Black Content, and Carbon Black Dispersion.

Order No. 31311
Customer Name Former General Motors
Project Name New England Liner Systems
Location Syracuse, NY





Lining Technology, Inc.

Roll Test Data Report

Roll No. 101109038

ROLL IDENTIFICATION

Roll Number	101109038	
Product Name	LLD040A000	
Production Date	8/8/2003	
Length \approx (+/- 1%)	870 feet 265 meters	
Width (Nominal)	22.5 feet 6.9 meters	
Sheet Area	19,575 sq. feet 1,818 sq. meters	
Weight	3,905 pounds 1,771 kilograms	

RESIN INFORMATION

Lot Number	CPG810090
Type	7104
Supplier	Chevron

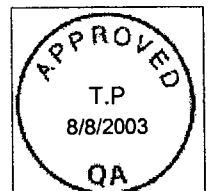
GSE RESIN TEST DATA

<u>Property</u>	<u>Test Method</u>	<u>Results</u>
Density, g/cc	ASTM D 1505	0.918
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.0)
Minimum		every roll	36	(0.9)	38	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppl (N/cm) - TD		every 2nd	152		235	
- M D		every 2nd	152		230	
Break Elongation, % - TD	gauge length = 2.0"	every 2nd	850		1088	
- M D	(51 mm)	every 2nd	850		1027	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	28	(126)
- M D		every 2nd	22	(98)	29	(128)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	89	(394)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.926	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.2	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
Customer Name Former General Motors
Project Name New England Liner Systems
Location Syracuse, NY

*Modified
 GSE-8.2.4-007 Rev -- 02/03





Roll Test Data Report

Lining Technology, Inc.

Roll No. 101109039

ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 101109039
 Product Name LLD040A000
 Production Date 8/8/2003

Lot Number CPG810090
 Type 7104
 Supplier Chevron

GSE RESIN TEST DATA

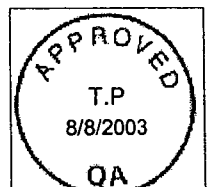
Length \approx (+/- 1%) 870 feet
 265 meters
 Width (Nominal) 22.5 feet
 6.9 meters
 Sheet Area 19,575 sq. feet
 1,818 sq. meters
 Weight 3,900 pounds
 1,769 kilograms

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.918
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.0)
Minimum		every roll	36	(0.9)	38	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd	152		184	
- M D		every 2nd	152		171	
Break Elongation, % - TD	gauge length = 2.0"	every 2nd	850		872	
- M D	(51 mm)	every 2nd	850		895	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	26	(116)
- M D		every 2nd	22	(98)	28	(127)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	88	(392)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.929	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.3	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
 Customer Name Former General Motors
 Project Name New England Liner Systems
 Location Syracuse, NY

*Modified
 GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

Roll Number 101109042
 Product Name LLD040A000
 Production Date 8/8/2003

Length \approx (+/- 1%) 870 feet
 265 meters
 Width (Nominal) 22.5 feet
 6.9 meters
 Sheet Area 19,575 sq. feet
 1,818 sq. meters
 Weight 3,890 pounds
 1,765 kilograms

RESIN INFORMATION

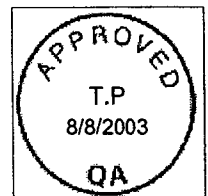
Lot Number CPG810090
 Type 7104
 Supplier Chevron

GSE RESIN TEST DATA

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.918
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.0)
Minimum		every roll	36	(0.9)	38	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd	152		175	
- M D		every 2nd	152		187	
Break Elongation, % - TD	gauge length = 2.0"	every 2nd	850		870	
- M D	(51 mm)	every 2nd	850		882	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	27	(119)
- M D		every 2nd	22	(98)	27	(120)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	85	(377)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.929	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.3	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
 Customer Name Former General Motors
 Project Name New England Liner Systems
 Location Syracuse, NY





ROLL IDENTIFICATION

RESIN INFORMATION

Roll Number 101109044
Product Name LLD040A000
Production Date 8/8/2003

Lot Number CPG810090
Type 7104
Supplier Chevron

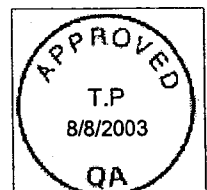
Length +/- 1% 870 feet 265 meters
Width (Nominal) 22.5 feet 6.9 meters
Sheet Area 19,575 sq. feet 1,818 sq. meters
Weight 3,890 pounds 1,765 kilograms

GSE RESIN TEST DATA

Property Test Method Results
Density, g/cc ASTM D 1505 0.918
Melt index, g/10 min. ASTM D 1238 (190/2.16) 0.36

Table with 7 columns: Physical Property, Test Method, Test Frequency, Customer Minimum English, Customer Minimum Metric, Test Results English, Test Results Metric. Rows include Thickness, Tensile Properties, Tear Resistance, Puncture Resistance, Density, Carbon Black Content, and Carbon Black Dispersion.

Order No. 31311
Customer Name Former General Motors
Project Name New England Liner Systems
Location Syracuse, NY





ROLL IDENTIFICATION		
Roll Number	101109048	
Product Name	LLD040A000	
Production Date	8/8/2003	

RESIN INFORMATION	
Lot Number	CPG810090
Type	7104
Supplier	Chevron

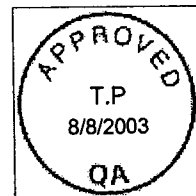
Length \approx (+/- 1%)	870	feet
	265	meters
Width (Nominal)	22.5	feet
	6.9	meters
Sheet Area	19,575	sq. feet
	1,818	sq. meters
Weight	3,885	pounds
	1,762	kilograms

GSE RESIN TEST DATA		
Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.918
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.1)
Minimum		every roll	36	(0.9)	39	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd		152		234
- M D		every 2nd		152		242
Break Elongation, % - TD	gauge length = 2.0"	every 2nd		850		1065
- M D	(51 mm)	every 2nd		850		1048
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	27	(121)
- M D		every 2nd	22	(98)	28	(125)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	91	(405)
Density, g/cc	ASTM D 1505					
		every 2nd		0.920		0.929
Carbon Black Content, %	ASTM D 1603*					
		every 2nd		2.0		2.3
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd		9		10

Order No. 31311
 Customer Name Former General Motors
 Project Name New England Liner Systems
 Location Syracuse, NY

*Modified
 GSE-8.2.4-007 Rev -- 02/03





Lining Technology, Inc.

Roll Test Data Report

Roll No. 101109051

ROLL IDENTIFICATION

Roll Number 101109051
Product Name LLD040A000
Production Date 8/9/2003
Length \approx (+/- 1%) 870 feet / 265 meters
Width (Nominal) 22.5 feet / 6.9 meters
Sheet Area 19,575 sq. feet / 1,818 sq. meters
Weight 3,880 pounds / 1,760 kilograms

RESIN INFORMATION

Lot Number CPG810090
Type 7104
Supplier Chevron

GSE RESIN TEST DATA

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.918
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	41	(1.0)
Minimum		every roll	36	(0.9)	38	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd	152		245	
- M D		every 2nd	152		241	
Break Elongation, % - TD	gauge length = 2.0"	every 2nd	850		1073	
- M D	(51 mm)	every 2nd	850		1016	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	28	(126)
- M D		every 2nd	22	(98)	28	(124)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	96	(429)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.930	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.4	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
Customer Name Former General Motors
Project Name New England Liner Systems
Location Syracuse, NY

*Modified

GSE-8.2.4-007 Rev -- 02/03





ROLL IDENTIFICATION

Roll Number 101109053
 Product Name LLD040A000
 Production Date 8/9/2003

Length \approx (+/- 1%) 870 feet
 265 meters
 Width (Nominal) 22.5 feet
 6.9 meters
 Sheet Area 19,575 sq. feet
 1,818 sq. meters
 Weight 3,870 pounds
 1,755 kilograms

RESIN INFORMATION

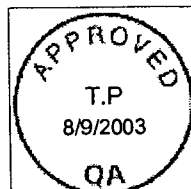
Lot Number CPG810090
 Type 7104
 Supplier Chevron

GSE RESIN TEST DATA

Property	Test Method	Results
Density, g/cc	ASTM D 1505	0.918
Melt index, g/10 min.	ASTM D 1238 (190/2.16)	0.36

Physical Property	Test Method	Test Frequency	Customer Minimum		Test Results	
			English	Metric	English	Metric
Thickness, mil (mm)	ASTM D 5199					
Average		every roll	40	(1.0)	40	(1.0)
Minimum		every roll	36	(0.9)	39	(1.0)
Tensile Properties:	ASTM D638, Type IV / D6693					
Break Strength, ppi (N/cm) - TD		every 2nd	152		192	
- M D		every 2nd	152		221	
Break Elongation, % - TD	gauge length = 2.0*	every 2nd	850		1036	
- M D	(51 m m)	every 2nd	850		1037	
Tear Resistance, lb. (N)	ASTM D 1004					
- TD		every 2nd	22	(98)	27	(120)
- M D		every 2nd	22	(98)	27	(122)
Puncture Resistance, lb. (N)	ASTM D 4833					
		every 2nd	62	(274)	91	(405)
Density, g/cc	ASTM D 1505					
		every 2nd	0.920		0.930	
Carbon Black Content, %	ASTM D 1603*					
		every 2nd	2.0		2.3	
Carbon Black Dispersion	ASTM D 5596					
Views in Cat1 - Cat2		every 2nd	9		10	

Order No. 31311
 Customer Name Former General Motors
 Project Name New England Liner Systems
 Location Syracuse, NY





Shipping Order - Packing List - Original - Not Negotiable

GSE Lining Technology, Inc. at HOUSTON, TEXAS

Shippers No. 35329

Received at Houston, Texas from GSE Lining Technology, Inc. the property described below, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined as indicated below, which said Carrier agrees to carry to the place of delivery at said destination. It is mutually agreed as to each Carrier of all or any said property, over all or any portion route to destination, and as to each party at any time interested in all or any of said property, that every service performed hereunder shall be subject to the rates and contract agreed to in by GSE Lining Technology and Carrier. GSE Lining Technology's obligation to pay freight charges for the shipment is conditioned on (1) the existence of a separate written contract with the carrier transporting the freight and (2) the carrier's name appearing on this Bill of Lading, and other carriers must look solely to a party other than GSE Lining technology, Inc. for payment.

Ship To: Former General Motors Fischer Guide C/o New England/Royal Environmental One General Motors Drive Syracuse NY 13206	Date: 08/25/03
Roll Certifications Included	
Branch Plant: 1500 621811	

Shipping Instructions: Call David Woodruff@315-463-	2310 24hrs before delivery	Sales Order 31311 SO
--	----------------------------	--------------------------------

No. Line	Roll #	QTY Shipped	UM	Kind of Package, Description of Articles, Special Marks, and Exceptions	Weight	Project# 513579
1	104118791	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,750.0	Freight charges are prepaid unless marked collect. Check box if collect. <input type="checkbox"/> Customer P.O. #: GMS-080503 If this shipment is to be delivered to consignor, consignor shall sign the following statement. Carrier may decline to deliver this shipment without payment of freight and all other lawful charges. _____ Signature of Consignor Local Verification Signed: X _____ Pick Up # 1949RR Seal # Truckers P.O. #
2	104118792	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,755.0	
3	104118793	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,735.0	
4	104118794	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,730.0	
5	104118795	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,745.0	
6	104118796	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,745.0	
7	104118797	15750	SF	LUT040A000 40 mil Avg UltraFlex Textured Blk, VF, 2 Side Tex, 22.5'	3,750.0	

Total Quantity: 110,250	Total Weight: 26,210.00
--------------------------------	--------------------------------

Driver Requirements: 1) Driver must pre call 24 hrs prior to delivery and on Friday for Monday delivery. 2) Driver must call (281) 230-6781 when unloaded. 3) Driver must call and advise any delay in transit. 4) A copy of this B/L must accompany Freight Invoice.	CARRIER NAME: _____ CARRIER SIGNATURE: _____ DATE: _____
--	---

Geomembrane CQC – Friction testing



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 026
Subject: Former Landfill IRM – Submittal for Specification Section 02293
Project No.: 60709-5
Date: December 27, 2004

Attached you will find the Geotechnical Test Report (laboratory interface shear test series results) for the following landfill cap components:

- Barrier Protection Layer
- Mirafi S-1200
- Typar SF-65
- LLDPE (textured)

GeoTesting
EXPRESS

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 1/18/05 By NMK

Transmittal

TO:

Mr. Paul Micciche

Royal Environmental

1 General Motors Drive

Syracuse, NY 13206

DATE: 12/21/04

GTX NO: 5666

RE: Former Landfill IRM; GMC Project

COPIES	DATE	DESCRIPTION
	12/21/04	December 2004 Laboratory Test Reports
		4 four-point Interface Shear Test Series (ASTM D 5321)

REMARKS:

CC:

SIGNED:


Joe Tomei - Laboratory Manager

APPROVED BY:


Fred Hooper - Laboratory Manager

GeoTesting
EXPRESS

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 11/18/05 By NMK

Geotechnical Test Report

December 21, 2004

**Former
Landfill IRM
GMC
Project**

Prepared for:

Royal Environmental

O'BRIEN & GERE ENGINEERS, INC.

Client: Royal Environmental
Project Name: Former Landfill IRM; GME
Project Location: 1 General Motors Drive
GTX #: 5666

Date: 11/8/05 By: U/MK
Start Date: 12/13/04
End Date: 12/14/04
Tested By: RMT/BDF
Checked By: JDT

Test Profile / Setup
Top to bottom:

Series #1; steel plate / SOIL / GEOCOMPOSITE / textured steel plate

Soil ID/Description:
Soil Preparation:

Barrier Protection Layer: Moist, brown sand with silt and gravel.
Compacted to 95% of Maximum Dry Density at the Optimum Moisture Content (values provided by client).

Compaction Characteristics
ASTM D 698:

Maximum Dry Density, pcf 133.9	Optimum Moisture Content, % 6.8
-----------------------------------	------------------------------------

Geosynthetic Description /
Preparation:

Geocomposite: Gray, double non-woven geotextile. Tri-planar geocomposite.
Test inundated under normal load for 30 minutes prior to shear.

Test Equipment:

Top box = 12 in x 12 in; Bottom box = 16 in x 12 in; Load cells and LVDTs connected to data acquisition system for shear force, normal load and horizontal displacement readings; Flat plate clamping device; surface area = 144 in²

Test Condition:

inundated

Horizontal Displacement, in/min: 0.039

Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
Initial Moisture Content, %	7	7	7	7	---
Initial Dry Density, pcf	127	127	127	127	---
Percent Compaction, %	94.8	94.8	94.8	94.8	---
Normal Compressive Stress, psi	1.0	2.0	4.0	8.0	---
Peak Shear Stress, psi	0.8	1.4	2.9	5.7	---
Post Peak Shear Stress, psi	0.6	1.3	2.7	5.4	---
Final Moisture Content, %	17	18	18	17	---

NOTE:

Peak Friction Angle: 35 degrees
Peak Cohesion: 0 psi
Post Peak Friction Angle: 34 degrees
Post Peak Cohesion: 0 psi

Figure a. Shear Force vs. Horizontal Displacement

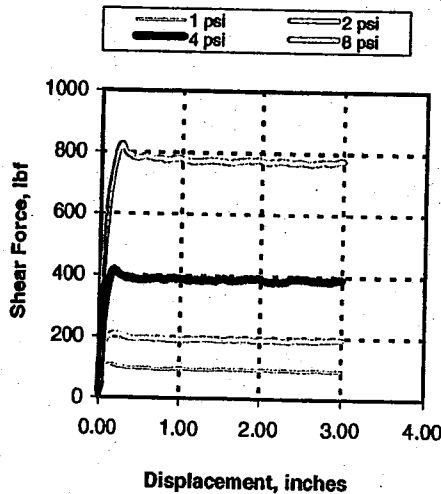
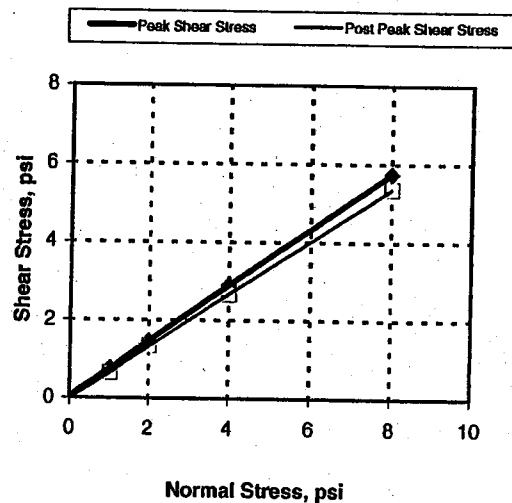


Figure b. Shear Stress vs. Normal Stress



Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Client: Royal Environmental
Project Name: Former Landfill IRM; GMC
Project Location: 1 General Motors Drive
GTX #: 5666

DOCUMENTS Start Date: 12/14/04
O'BRIEN & GERE ENGINEERS, INC. End Date: 12/15/04
Date: 1/15/05 By: VMK Tested By: RMT/BDF
Checked By: JDT

Test Profile / Setup
Top to bottom:

Series #2; steel plate / GEOMEMBRANE / GEOCOMPOSITE / textured steel plate

Soil ID/Description: ---
Soil Preparation: ---

Compaction Characteristics
ASTM D 698:

Maximum Dry Density, pcf	Optimum Moisture Content, %
---	---

Geosynthetic Description /
Preparation:

Geomembrane: 40 mil Textured LLDPE.
Geocomposite: Gray, double non-woven geotextile. Tri-planar geocomposite.
Test inundated under normal load for 15 minutes prior to shear.

Test Equipment:

Top box = 12 in x 12 in; Bottom box = 16 in x 12 in; Load cells and LVDTs connected to data acquisition system for shear force, normal load and horizontal displacement readings; Flat plate clamping device; surface area = 144 in²

Test Condition:

inundated

Horizontal Displacement, in/min: 0.039

Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
Initial Moisture Content, %	---	---	---	---	---
Initial Dry Density, pcf	---	---	---	---	---
Percent Compaction, %	---	---	---	---	---
Normal Compressive Stress, psi	1.0	2.0	4.0	8.0	---
Peak Shear Stress, psi	0.8	1.4	2.4	4.4	---
Post Peak Shear Stress, psi	0.6	0.9	1.7	3.0	---
Final Moisture Content, %	---	---	---	---	---

NOTE:

Peak Friction Angle: 27 degrees
Peak Cohesion: 0.3 psi
Post Peak Friction Angle: 19 degrees
Post Peak Cohesion: 0.2 psi

Figure a. Shear Force vs. Horizontal Displacement

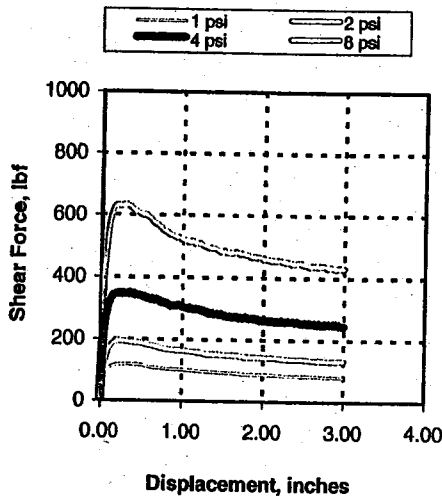
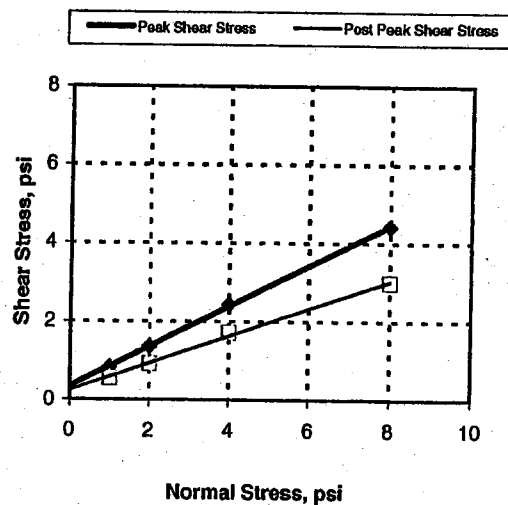


Figure b. Shear Stress vs. Normal Stress



Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Client: Royal Environmental
Project Name: Former Landfill IRM; OMC 1/18/05
Project Location: 1 General Motors Drive
GTX #: 5666

O'BRIEN & GERE ENGINEERS, INC.
By *VNK*
Start Date: 12/15/04
End Date: 12/17/04
Tested By: RMT/BDF
Checked By: JDT

Test Profile / Setup: Series #3; steel plate / GEOMEMBRANE / GEOTEXTILE / textured steel plate

Top to bottom: ---

Soil ID/Description: ---

Soil Preparation: ---

Compaction Characteristics
ASTM D 698:

Maximum Dry Density, pcf	Optimum Moisture Content, %
---	---

Geosynthetic Description /
Preparation:

Geomembrane: 40 mil Textured LLDPE.
Geotextile: S1200: Black, non-woven geotextile.
Test inundated under normal load for 15 minutes prior to shear.

Test Equipment:

Top box = 12 in x 12 in; Bottom box = 16 in x 12 in; Load cells and LVDTs connected to data acquisition system for shear force, normal load and horizontal displacement readings; Flat plate clamping device; surface area = 144 in²

Test Condition:

inundated

Horizontal Displacement, in/min: 0.039

Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
Initial Moisture Content, %	---	---	---	---	---
Initial Dry Density, pcf	---	---	---	---	---
Percent Compaction, %	---	---	---	---	---
Normal Compressive Stress, psi	1.0	2.0	4.0	8.0	---
Peak Shear Stress, psi	0.6	1.2	2.0	3.9	---
Post Peak Shear Stress, psi	0.5	0.9	1.6	2.9	---
Final Moisture Content, %	---	---	---	---	---

NOTE:

Peak Friction Angle: 25 degrees
Peak Cohesion: 0.2 psi
Post Peak Friction Angle: 19 degrees
Post Peak Cohesion: 0.2 psi

Figure a. Shear Force vs. Horizontal Displacement

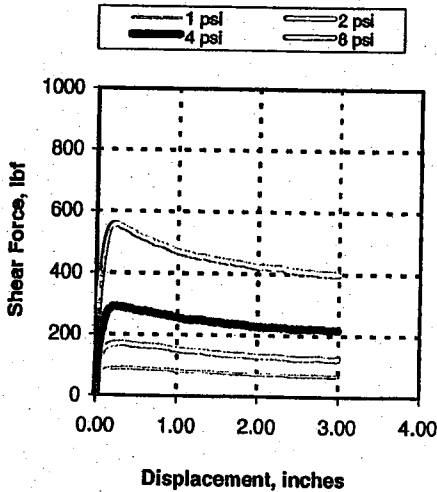
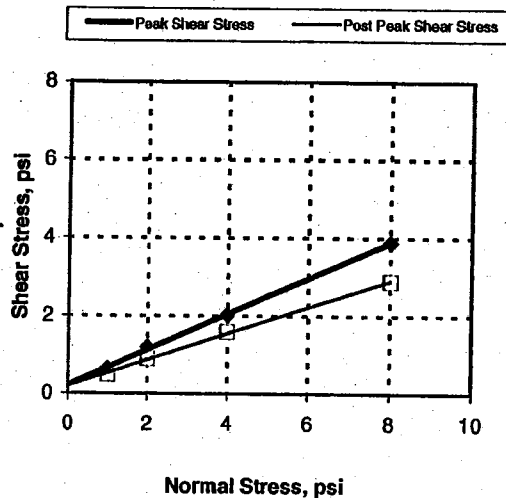


Figure b. Shear Stress vs. Normal Stress



Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Client: Royal Environmental
Project Name: Former Landfill IRM; GMC
Project Location: 1 General Motors Drive
GTX #: 5666

Start Date: 12/16/04
End Date: 12/17/04
Tested By: RMT/BDF
Checked By: JDT

Test Profile / Setup: Series #4; steel plate / GEOMEMBRANE / GEOTEXTILE / textured steel plate

Top to bottom:

Soil ID/Description: ---

Soil Preparation: ---

Compaction Characteristics
ASTM D 698:

Maximum Dry Density, pcf	Optimum Moisture Content, %
---	---

Geosynthetic Description /
Preparation:

Geomembrane: 40 mil Textured LLDPE.
Geotextile: SF65: Gray, non-woven geotextile.
Test inundated under normal load for 15 minutes prior to shear.

Test Equipment:

Top box = 12 in x 12 in; Bottom box = 16 in x 12 in; Load cells and LVDTs connected to data acquisition system for shear force, normal load and horizontal displacement readings; Flat plate clamping device; surface area = 144 in²

Test Condition:

inundated

Horizontal Displacement, in/min: 0.039

Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
Initial Moisture Content, %	---	---	---	---	---
Initial Dry Density, pcf	---	---	---	---	---
Percent Compaction, %	---	---	---	---	---
Normal Compressive Stress, psi	1.0	2.0	4.0	8.0	---
Peak Shear Stress, psi	0.6	1.1	2.2	4.1	---
Post Peak Shear Stress, psi	0.4	0.8	1.4	2.7	---
Final Moisture Content, %	---	---	---	---	---

NOTE:

Peak Friction Angle: 27 degrees
Peak Cohesion: 0.1 psi
Post Peak Friction Angle: 18 degrees
Post Peak Cohesion: 0.1 psi

Figure a. Shear Force vs. Horizontal Displacement

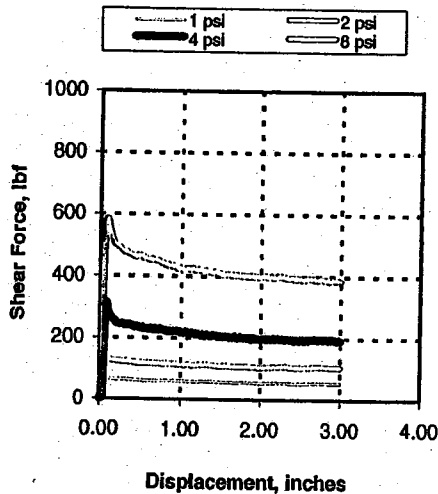
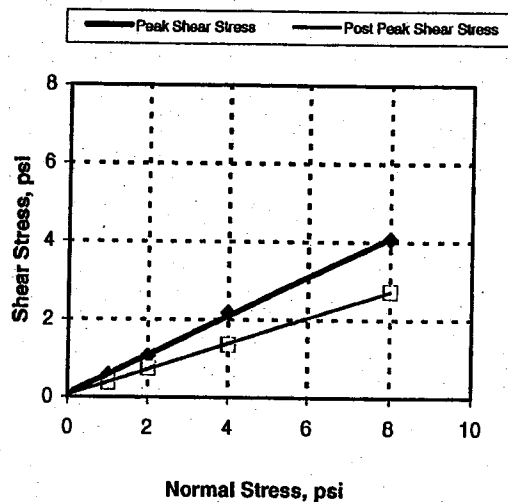


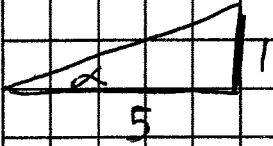
Figure b. Shear Stress vs. Normal Stress



Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

SUBJECT	SLOPE FRICTION	SHEET	BY	DATE	JOB NO.
GM LANDFILL RM -	F.S. CALCULATIONS	1/2	NMK	1/18/05	4900/3426

1 on 5 slope - as per design drawings



$$\tan \alpha = \frac{1}{5}$$

$$\alpha = 11.3$$

$$\text{Factor of Safety} = \frac{\tan \alpha \text{ friction angle (Peak friction angle)}}{\tan \alpha \text{ of slope angle}}$$

* Should be 1.5 or higher according to Technical Specification 02293

Series #1 - Barrier Protection Layer / Tri-planer

$$\frac{\text{Peak Friction Angle} = 35^\circ}{\text{Slope angle} = 11.3} = 3.0$$

Series #2 - 40 mil Textured LDPE / Tri-planer

$$\frac{\text{Peak Friction Angle} = 27}{\text{Slope angle} = 11.3} = 2.4$$

Series #3 - Textured LDPE / S1200 Geotextile - non-woven

$$\frac{\text{Peak Friction Angle} = 25}{\text{Slope Angle} = 11.3} = 2.2$$

Series #4 - Textured LDPE / SF65 nonwoven geotextile

$$\frac{\text{Peak Friction angle} = 27}{\text{Slope Angle} = 11.3} = 2.4$$

SUBJECT	SLOPE FRICTION	SHEET	BY	DATE	JOB NO.
GM LANDFILL 1RM -	F.S. CALCULATIONS	2/2	NMK	1/18/05	4966/34126

Series # 5 - SF65 / Barrier Protection Layer

Peak friction angle: 32°

Slope angle: 11.3

$$\frac{32}{11.3} = 2.83$$



PROJECT SUBMITTAL

Project Name: Former Landfill IRM

Submittal No.: 028

Subject: Former Landfill IRM – Submittal for Specification Section 02293

Project No.: 60709-5

Date: January 21, 2005

Attached you will find the Geotechnical Test Report (laboratory interface shear test series results) for the following landfill cap components:

- Barrier Protection Layer and Typar SF-65



1145 Massachusetts Avenue
 Boxborough, MA 01719
 978 635 0424 Tel
 978 635 0266 Fax

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Date 2/7/05 By MMK

Transmittal

TO:

Mr. Paul Micciche

Royal Environmental

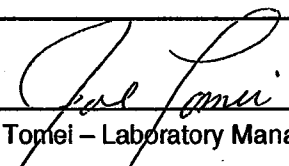
1 General Motors Drive

Syracuse, NY 13206

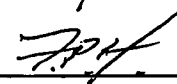
DATE: 1/19/05	GTX NO: 5666
RE: Former Landfill IRM; GMC Project	

COPIES	DATE	DESCRIPTION
	1/19/05	January 2005 Laboratory Test Reports
		1 four-point Interface Shear Test Series (ASTM D 5321)

REMARKS:

SIGNED: 
 Joe Tomei - Laboratory Manager

CC:

APPROVED BY: 
 Fred Hooper - Laboratory Manager

GeoTesting
EXPRESS

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/7/05 By MMK

Geotechnical Test Report

January 19, 2005

**Former
Landfill IRM
GMC
Project**

Prepared for:

Royal Environmental

Date 2/7/05 By UMK

Client: Royal Environmental
Project Name: Former Landfill IRM; GMC
Project Location: 1 General Motors Drive
GTX #: 5666

Start Date: 01/17/05
End Date: 01/18/05
Tested By: RMT/BDF
Checked By: JDT

Test Profile / Setup Series #5; steel plate / SOIL / GEOTEXTILE / textured steel plate

Top to bottom:

Soil ID/Description: Barrier Protection Layer: Moist, brown sand with silt and gravel.

Soil Preparation: Compacted to 95% of Maximum Dry Density at the Optimum Moisture Content (values provided by client).

Compaction Characteristics
ASTM D 698:

Maximum Dry Density, pcf	Optimum Moisture Content, %
133.9	6.8

Geosynthetic Description /
Preparation:

Geotextile: SF65: Gray, non-woven geotextile.
Test inundated under normal load for 30 minutes prior to shear.

Test Equipment:

Top box = 12 in x 12 in; Bottom box = 16 in x 12 in; Load cells and LVDTs connected to data acquisition system for shear force, normal load and horizontal displacement readings; Flat plate clamping device; surface area = 144 in²

Test Condition: inundated
Horizontal Displacement, in/min: 0.039

Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
Initial Moisture Content, %	7	7	7	7	---
Initial Dry Density, pcf	127	127	127	127	---
Percent Compaction, %	94.8	94.8	94.8	94.8	---
Normal Compressive Stress, psi	1.0	2.0	4.0	8.0	---
Peak Shear Stress, psi	0.6	1.2	2.3	4.9	---
Post Peak Shear Stress, psi	0.5	1.1	2.2	4.9	---
Final Moisture Content, %	18	17	18	17	---

NOTE:

Peak Friction Angle: 32 degrees
Peak Cohesion: 0 psi
Post Peak Friction Angle: 32 degrees
Post Peak Cohesion: 0 psi

Figure a. Shear Force vs. Horizontal Displacement

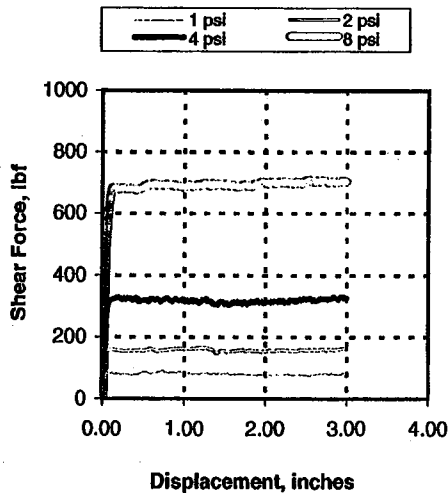
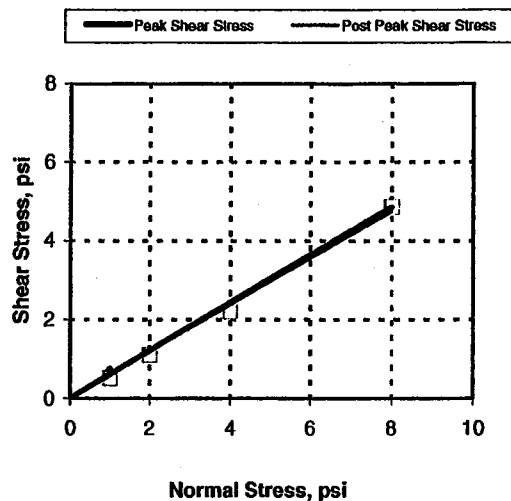


Figure b. Shear Stress vs. Normal Stress



Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Geomembrane CQC – Installer subgrade acceptance

New England Liner Systems, Inc.

Certification of Acceptance of Soil Subgrade

Project Name: _____
 Owner: GM
 Location: Syracuse, NY

I, the undersigned, a duly appointed representative of New England Liner Systems, Inc. have visually observed the soil subgrade surface described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by New England Liner Systems, Inc. and New England Liner Systems, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. New England Liner Systems, Inc. accepts no responsibility for conformance of the subgrade to this projects specifications.

Areas Accepted:
Panels 68 through 79 accepted as covered.

New England Liner Systems, Inc. Representative:

Date: 10-17-03
 Signature: *Russell Jackson*
 Name: Russell Jackson
 Title: Supervisor

New England Liner Systems, Inc.

Certification of Acceptance of Soil Subgrade

Project Name: _____
 Owner: GM
 Location: SYRACUSE

I, the undersigned, a duly appointed representative of New England Liner Systems, Inc. have visually observed the soil subgrade surface described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by New England Liner Systems, Inc. and New England Liner Systems, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. New England Liner Systems, Inc. accepts no responsibility for conformance of the subgrade to this projects specifications.

Area Accepted:

Panels 59 through 67 accepted as covered

New England Liner Systems, Inc. Representative:

Date: 10-7-03
 Signature: *Russell Jackson*
 Name: Russell Jackson
 Title: Supervisor

New England Liner Systems, Inc.

Certification of Acceptance of Soil Subgrade

Project Name: _____
 Owner: GM
 Location: Syracuse, NY

I, the undersigned, a duly appointed representative of New England Liner Systems, Inc. have visually observed the soil subgrade surface described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by New England Liner Systems, Inc. and New England Liner Systems, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. New England Liner Systems, Inc. accepts no responsibility for conformance of the subgrade to this projects specifications.

Areas Accepted:

Panels 43 through 58 accepted as covered

New England Liner Systems, Inc. Representative:

Date: 10-6-05
 Signature: *Russell Jackson*
 Name: Russell Jackson
 Title: Supervisor

New England Liner Systems, Inc.

Certification of Acceptance of Soil Subgrade

Project Name: _____
Owner: GM
Location: Syracuse, NY

I, the undersigned, a duly appointed representative of New England Liner Systems, Inc. have visually observed the soil subgrade surface described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by New England Liner Systems, Inc. and New England Liner Systems, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. New England Liner Systems, Inc. accepts no responsibility for conformance of the subgrade to this project's specifications.

Area Accepted:

Panels 26 through 41 accepted as covered

New England Liner Systems, Inc. Representative:

Date: 10-8-03
Signature: *Russell Jackson*
Name: Russell Jackson
Title: Supervisor

New England Liner Systems, Inc.

Certification of Acceptance of Soil Subgrade

Project Name: _____
Owner: SN
Location: SYRACUSE, NY

I, the undersigned, a duly appointed representative of New England Liner Systems, Inc. have visually observed the soil subgrade surface described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by New England Liner Systems, Inc. and New England Liner Systems, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. New England Liner Systems, Inc. accepts no responsibility for conformance of the subgrade to this project's specifications.

Areas Accepted:

Panels 1 through 25 accepted as covered.

New England Liner Systems, Inc. Representative:

Date: 10-2-03
Signature: *Russell Jackson*
Name: Russell Jackson
Title: Supervisor

Geomembrane CQC – Geomembrane panel layout

New England Liner Systems, Inc.

Panel Placement Form

Project: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

Product: 40 Mil LLDPE

Date	Panel Number	Roll Number	Panel Length	Panel Width	sq. ft.	Comments
02-Oct-03	1	101109039	29	22.5	653	Smooth
02-Oct-03	2	101109039	30	22.5	675	Smooth
02-Oct-03	3	101109039	30	22.5	675	Smooth
02-Oct-03	4	101109039	31	22.5	698	Smooth
02-Oct-03	5	101109039	32	22.5	720	Smooth
02-Oct-03	6	101109039	32	22.5	720	Smooth
02-Oct-03	7	101109039	33	22.5	743	Smooth
02-Oct-03	8	101109039	33	22.5	743	Smooth
02-Oct-03	9	101109039	34	22.5	765	Smooth
02-Oct-03	10	101109039	34	22.5	765	Smooth
02-Oct-03	11	101109039	35	22.5	788	Smooth
02-Oct-03	12	104118795	35	22.5	788	Textured
02-Oct-03	13	104118795	35	22.5	788	Textured
02-Oct-03	14	104118795	36	22.5	810	Textured
02-Oct-03	15	104118795	36	22.5	810	Textured
02-Oct-03	16	104118795	36	22.5	810	Textured
02-Oct-03	17	104118795	36	22.5	810	Textured
02-Oct-03	18	104118795	36	22.5	810	Textured
02-Oct-03	19	104118795	38	22.5	855	Textured
02-Oct-03	20	104118795	38	22.5	855	Textured
02-Oct-03	21	104118795	39	22.5	878	Textured
02-Oct-03	22	104118795	38	22.5	855	Textured
02-Oct-03	23	104118795	38	22.5	855	Textured
02-Oct-03	24	104118795	38	22.5	855	Textured
02-Oct-03	25	104118795	39	22.5	878	Textured
03-Oct-03	26	104118795	41	22.5	923	Textured
03-Oct-03	27	104118795	41	22.5	923	Textured
03-Oct-03	28	104118795	32	22.5	720	Textured
03-Oct-03	29	104118795	23	22.5	518	Textured
03-Oct-03	30	104118794	37	22.5	833	Textured
03-Oct-03	31	104118794	75	22.5	1,688	Textured
03-Oct-03	32	104118794	97	22.5	2,183	Textured
03-Oct-03	33	104118794	97	22.5	2,183	Textured
03-Oct-03	34	104118794	96	22.5	2,160	Textured
03-Oct-03	35	104118794	95	22.5	2,138	Textured
03-Oct-03	36	104118794	92	22.5	2,070	Textured
03-Oct-03	37	104118794	92	22.5	2,070	Textured
03-Oct-03	38	104118794	22	10	220	Textured
03-Oct-03	39	101109039	510	22.5	11,475	Smooth
03-Oct-03	40	101108938	60	22.5	1,350	Smooth
03-Oct-03	41	101108938	580	22.5	13,050	Smooth
06-Oct-03	42	101108938	232	22.5	5,220	Smooth
06-Oct-03	43	101109048	330	22.5	7,425	Smooth
06-Oct-03	44	101109048	530	22.5	11,925	Smooth
06-Oct-03	45	101109042	29	22.5	653	Smooth

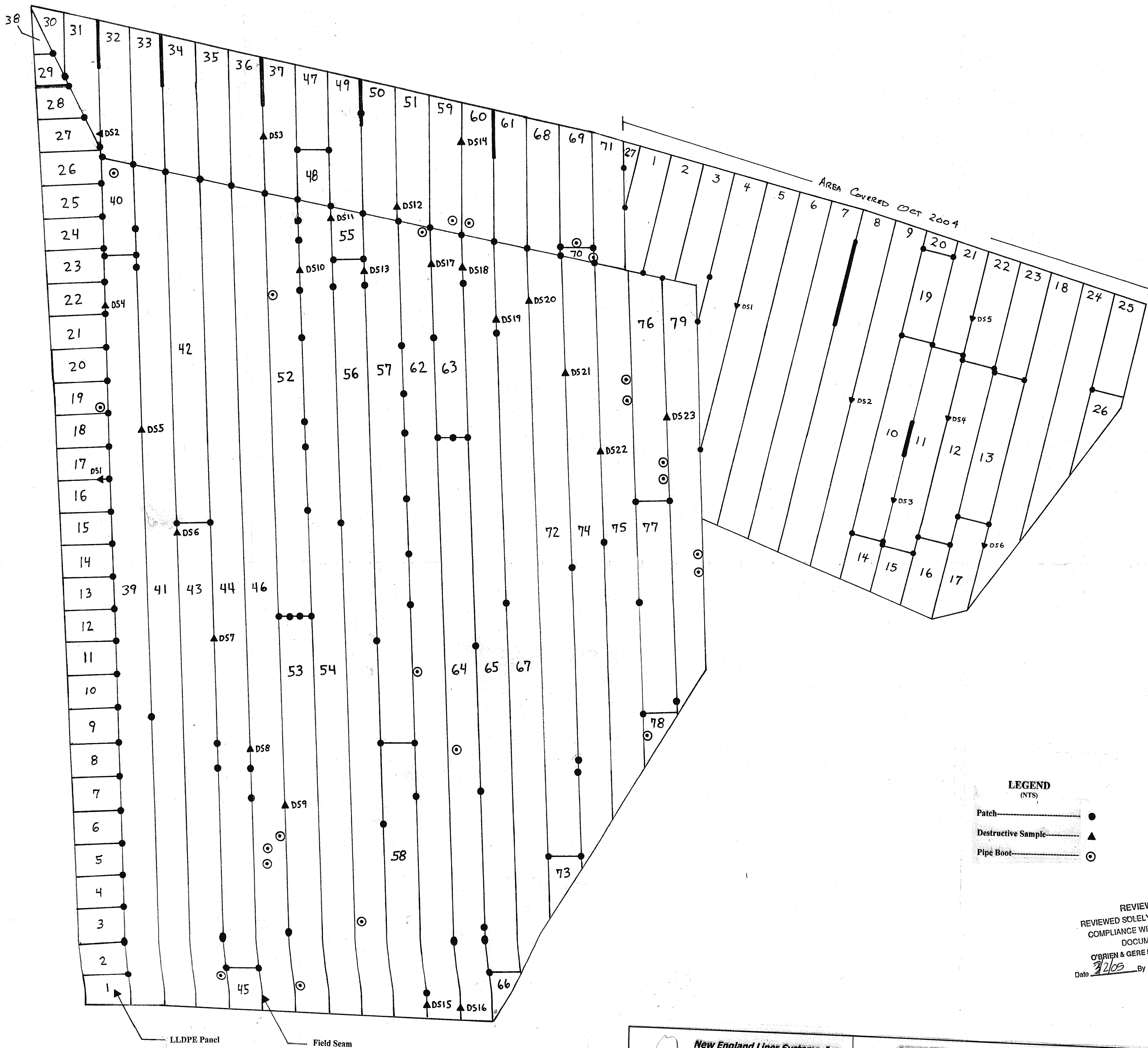
New England Liner Systems, Inc.

Panel Placement Form

Project: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

Product: 40 Mil LLDPE

Date	Panel Number	Roll Number	Panel Length	Panel Width	sq. ft.	Comments
06-Oct-03	46	101109042	555	22.5	12,488	Smooth
06-Oct-03	47	104118794	48	22.5	1,080	Textured
06-Oct-03	48	104118796	48	22.5	1,080	Textured
06-Oct-03	49	104118796	91	22.5	2,048	Textured
06-Oct-03	50	104118796	91	22.5	2,048	Textured
06-Oct-03	51	104118796	85	22.5	1,913	Textured
06-Oct-03	52	101109042	282	22.5	6,345	Smooth
06-Oct-03	53	101109051	276	22.5	6,210	Smooth
06-Oct-03	54	101109051	550	22.5	12,375	Smooth
06-Oct-03	55	101109051	33	22.5	743	Smooth
06-Oct-03	56	101108966	506	22.5	11,385	Smooth
06-Oct-03	57	101108966	350	22.5	7,875	Smooth
06-Oct-03	58	101109038	193	22.5	4,343	Smooth
07-Oct-03	59	104118796	86	22.5	1,935	Textured
07-Oct-03	60	104118796	83	22.5	1,868	Textured
07-Oct-03	61	104118796	77	22.5	1,733	Textured
07-Oct-03	62	101109038	535	22.5	12,038	Smooth
07-Oct-03	63	101109038	136	22.5	3,060	Smooth
07-Oct-03	64	101109053	390	22.5	8,775	Smooth
07-Oct-03	65	101109053	472	22.5	10,620	Smooth
07-Oct-03	66	101108936	45	22.5	1,013	Smooth
07-Oct-03	67	101108936	470	22.5	10,575	Smooth
17-Oct-03	68	104118796	75	22.5	1,688	Textured
17-Oct-03	69	104118796	62	22.5	1,395	Textured
17-Oct-03	70	104118795	10	22.5	225	Textured
17-Oct-03	71	104118793	68	22.5	1,530	Textured
17-Oct-03	72	101108936	364	22.5	8,190	Smooth
17-Oct-03	73	101109044	56	22.5	1,260	Smooth
17-Oct-03	74	101109044	377	22.5	8,483	Smooth
17-Oct-03	75	101109044	341	22.5	7,673	Smooth
17-Oct-03	76	101109044	121	22.5	2,723	Smooth
17-Oct-03	77	101108940	121	22.5	2,723	Smooth
17-Oct-03	78	101109044	45	22.5	1,013	Smooth
17-Oct-03	79	101108940	202	22.5	4,545	Smooth



LEGEND
(NTS)

- Patch — ●
- Destructive Sample — ▲
- Pipe Boot — ⊙

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 3/2/05 By *NMK*

New England Liner Systems, Inc.
35 Wooster Court
Bristol, CT 06010
TELEPHONE: (860) 583-5463
FAX: (860) 582-6357
Geomembranes & Geosynthetic Systems

GEOMEMBRANE AS-BUILT PANEL LAYOUT
FORMER LANDFILL IRM - FORMER IFG FACILITY
GENERAL MOTORS - SYRACUSE NY

DATE: 25-Jan-05
DRAWN BY: DAV
SCALE: 1" = 40'

Geomembrane CQC – Non-destructive and destructive seam testing results

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 1 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-1
Seam: 16/17
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	77	---	FTB/SE1	73	---	FTB/SE1	92	---	FTB/SE1
2	81	---	FTB/SE1	71	---	FTB/SE1	79	---	FTB/SE1
3	76	---	FTB/SE1	77	---	FTB/SE1	89	---	
4	75	---	FTB/SE1	72	---	FTB/SE1	76	---	FTB/BRK
5	80	---	FTB/SE1	84	---	FTB/SE1	90	---	FTB/SE1
Average	78	---	---	75	---	---	85	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 12/3/03 By BAK

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 2 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-2
Seam: 31/32
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type
1	73	---	FTB/SE1	80	---	FTB/SE1	81	---	*
2	70	---	FTB/SE1	89	---	FTB/SE1	82	---	*
3	80	---	FTB/SE1	74	---	FTB/SE1	76	---	*
4	83	---	FTB/SE1	72	---	FTB/SE1	75	---	FTB/SE1
5	79	---	FTB/SE1	75	---	FTB/SE1	82	---	*
Average	77	---	---	78	---	---	79	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 3 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-3
Seam: 36/37
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	75	---	FTB/SE1	73	---	FTB/SE1	86	---	*
2	76	---	FTB/SE1	78	---	FTB/SE1	85	---	*
3	75	---	FTB/SE1	76	---	FTB/SE1	84	---	FTB/SE1
4	79	---	FTB/SE1	72	---	FTB/SE1	87	---	FTB/SE1
5	86	---	FTB/SE1	80	---	FTB/SE1	88	---	*
Average	78	---	---	76	---	---	86	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by

ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 4 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-4
Seam: 22/39
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	69	---	FTB/BRK	68	---	FTB/SE1	97	---	FTB/SE1
2	71	---	FTB/BRK	71	---	FTB/SE1	71	---	FTB/BRK
3	85	---	FTB/SE1	70	---	FTB/SE1	88	---	FTB/SE1
4	91	---	FTB/SE1	66	---	FTB/SE1	90	---	FTB/SE1
5	85	---	FTB/SE1	67	---	FTB/SE1	88	---	*
Average	80	---	---	68	---	---	87	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 5 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-5
Seam: 39/41
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	69	---	FTB/BRK	67	---	FTB/SE1	80	---	FTB/SE1
2	66	---	FTB/SE1	70	---	FTB/SE1	75	---	FTB/SE1
3	65	---	FTB/SE1	67	---	FTB/SE1	75	---	FTB/SE1
4	66	---	FTB/SE1	71	---	FTB/SE1	78	---	FTB/SE1
5	68	---	FTB/SE1	68	---	FTB/SE1	79	---	FTB/SE1
Average	67	---	---	69	---	---	77	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 6 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-6
Seam: 41/43
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	64	---	FTB/SE1	68	---	FTB/SE1	78	---	FTB/SE1
2	65	---	FTB/SE1	67	---	FTB/SE1	71	---	FTB/BRK
3	67	---	FTB/SE1	66	---	FTB/SE1	72	---	FTB/SE1
4	67	---	FTB/SE1	66	---	FTB/SE1	77	---	FTB/SE1
5	66	---	FTB/SE1	66	---	FTB/SE1	77	---	FTB/SE1
Average	66	---	---	67	---	---	75	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 7 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-7
Seam: 43/44
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	72	---	FTB/SE1	63	---	FTB/SE1	70	---	FTB/BRK
2	78	---	FTB/SE1	66	---	FTB/SE1	70	---	FTB/BRK
3	78	---	FTB/SE1	66	---	FTB/SE1	73	---	FTB/SE1
4	76	---	FTB/SE1	62	---	FTB/SE1	74	---	FTB/SE1
5	77	---	FTB/SE1	62	---	FTB/SE1	78	---	FTB/SE1
Average	76	---	---	64	---	---	73	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 8 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-8
Seam: 44/46
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type
1	65	---	FTB/SE1	61	---	FTB/SE1	63	---	FTB/BRK
2	65	---	FTB/SE1	69	---	FTB/BRK	77	---	FTB/SE1
3	67	---	FTB/SE1	66	---	FTB/SE1	76	---	FTB/SE1
4	64	---	FTB/SE1	70	---	FTB/SE1	75	---	FTB/SE1
5	64	---	FTB/SE1	62	---	FTB/SE1	77	---	FTB/SE1
Average	65	---	---	66	---	---	74	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 9 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-9
Seam: 44/46
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	68	---	FTB/BRK	65	---	FTB/SE1	70	---	FTB/BRK
2	71	---	FTB/BRK	67	---	FTB/SE1	70	---	FTB/BRK
3	72	---	FTB/SE1	67	---	FTB/SE1	76	---	FTB/SE1
4	75	---	FTB/SE1	70	---	FTB/SE1	77	---	FTB/SE1
5	80	---	FTB/SE1	69	---	FTB/SE1	70	---	FTB/SE1
Average	73	---	---	68	---	---	73	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by

ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 1 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-10
Seam: 52/54
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	64	---	FTB/SE1	61	---	FTB/SE1	68	---	FTB/SE1
2	64	---	FTB/SE1	62	---	FTB/SE1	70	---	FTB/SE1
3	73	---	FTB/SE1	67	---	FTB/SE1	68	---	FTB/SE1
4	66	---	FTB/SE1	64	---	FTB/SE1	75	---	FTB/SE1
5	64	---	FTB/SE1	64	---	FTB/SE1	76	---	FTB/SE1
Average	66	---	---	64	---	---	71	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 2 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-11
Seam: 55/54
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	70	---	FTB/SE1	60	---	FTB/SE1	64	---	FTB/SE1
2	69	---	FTB/SE1	63	---	FTB/SE1	74	---	FTB/SE1
3	76	---	FTB/SE1	68	---	FTB/SE1	78	---	FTB/SE1
4	75	---	FTB/SE1	66	---	FTB/SE1	74	---	FTB/SE1
5	68	---	FTB/SE1	68	---	FTB/SE1	60	---	FTB/SE1
Average	72	---	---	65	---	---	70	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 3 of 4

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-12
Seam: 51/50
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	86	---	FTB/SE1	73	---	FTB/SE1	78	---	FTB/SE1
2	89	---	FTB/SE1	79	---	FTB/SE1	83	---	FTB/SE1
3	86	---	FTB/SE1	76	---	FTB/SE1	83	---	FTB/SE1
4	80	---	FTB/SE1	70	---	FTB/SE1	86	---	FTB/SE1
5	85	---	FTB/SE1	73	---	FTB/SE1	75	---	FTB/SE1
Average	85	---	---	74	---	---	81	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 4 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-13
Seam: 57/56
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	75	---	FTB/SE1	63	---	FTB/SE1	69	---	FTB/SE1
2	69	---	FTB/SE1	61	---	FTB/SE1	71	---	FTB/SE1
3	71	---	FTB/SE1	62	---	FTB/SE1	74	---	FTB/SE1
4	73	---	FTB/SE1	63	---	FTB/SE1	71	---	FTB/SE1
5	76	---	FTB/SE1	61	---	FTB/SE1	70	---	FTB/SE1
Average	73	---	---	62	---	---	71	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 1 of 6

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-14
Seam: 60/59
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	86	---	FTB/SE1	71	---	FTB/SE1	88	---	FTB/SE1
2	94	---	FTB/SE1	74	---	FTB/SE1	86	---	FTB/SE1
3	80	---	FTB/SE1	80	---	FTB/SE1	86	---	*
4	78	---	FTB/SE1	69	---	FTB/SE1	82	---	FTB/SE1
5	78	---	FTB/SE1	77	---	FTB/SE1	89	---	FTB/SE1
Average	83	---	---	74	---	---	86	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 2 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-15
Seam: 62/58
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	64	---	FTB/SE1	67	---	FTB/SE1	77	---	FTB/SE1
2	67	---	FTB/SE1	65	---	FTB/SE1	75	---	FTB/SE1
3	67	---	FTB/SE1	66	---	FTB/SE1	71	---	FTB/SE1
4	66	---	FTB/SE1	63	---	FTB/SE1	75	---	FTB/SE1
5	65	---	FTB/SE1	61	---	FTB/SE1	73	---	FTB/SE1
Average	66	---	---	64	---	---	74	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by

ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 3 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-16
Seam: 64/67
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type
1	66	---	FTB/SE1	60	---	FTB/SE1	70	---	*
2	81	---	FTB/SE1	72	---	FTB/SE1	67	---	*
3	63	---	FTB/SE1	66	---	FTB/SE1	66	---	*
4	71	---	FTB/SE1	62	---	FTB/SE1	72	---	*
5	80	---	FTB/SE1	63	---	FTB/SE1	70	---	*
Average	72	---	---	65	---	---	69	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 4 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-17
Seam: 62/63
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type
1	75	---	FTB/SE1	66	---	FTB/SE1	78	---	FTB/SE1
2	72	---	FTB/SE1	65	---	FTB/SE1	79	---	FTB/SE1
3	71	---	FTB/SE1	64	---	FTB/SE1	80	---	FTB/SE1
4	79	---	FTB/SE1	65	---	FTB/SE1	77	---	FTB/SE1
5	69	---	FTB/SE1	68	---	FTB/SE1	74	---	FTB/SE1
Average	73	---	---	66	---	---	78	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 5 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-18
Seam: 65/63
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	67	---	FTB/SE1	66	---	FTB/SE1	70	---	*
2	64	---	FTB/SE1	64	---	FTB/SE1	78	---	FTB/SE1
3	65	---	FTB/SE1	63	---	FTB/SE1	74	---	*
4	64	---	FTB/SE1	65	---	FTB/SE1	76	---	FTB/SE1
5	71	---	FTB/SE1	67	---	FTB/SE1	72	---	*
Average	66	---	---	65	---	---	74	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 6 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-19
Seam: 67/65
Machine ID: 22

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	77	---	FTB/SE1	63	---	FTB/SE1	69	---	FTB/SE1
2	73	---	FTB/SE1	61	---	FTB/SE1	74	---	FTB/SE1
3	66	---	FTB/SE1	65	---	FTB/SE1	75	---	FTB/SE1
4	73	---	FTB/SE1	63	---	FTB/SE1	73	---	FTB/SE1
5	75	---	FTB/SE1	64	---	FTB/SE1	77	---	FTB/SE1
Average	73	---	---	63	---	---	74	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 1 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-20
Seam: 67/72
Machine ID: 21

Date Sampled: 10/17/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	79	---	FTB/SE1	68	---	FTB/SE1	65	---	*
2	74	---	FTB/SE1	66	---	FTB/SE1	66	---	*
3	66	---	FTB/SE1	65	---	FTB/SE1	67	---	*
4	72	---	FTB/SE1	66	---	FTB/SE1	65	---	*
5	69	---	FTB/SE1	68	---	FTB/SE1	65	---	*
Average	72	---	---	67	---	---	66	---	---

Comments: Tested By: AHP
 Checked By: FH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 2 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-21
Seam: 72/74
Machine ID: 22

Date Sampled: 10/17/03
Welder ID: MO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type
1	67	---	FTB/SE1	66	---	FTB/SE1	64	---	*
2	70	---	FTB/SE1	65	---	FTB/SE1	66	---	*
3	70	---	FTB/SE1	63	---	FTB/SE1	64	---	*
4	68	---	FTB/SE1	64	---	FTB/SE1	63	---	*
5	67	---	FTB/SE1	66	---	FTB/SE1	63	---	*
Average	68	---	---	65	---	---	64	---	---

Comments: Tested By: AHP
Checked By: FH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437**

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 3 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-22
Seam: 74/75
Machine ID: 21

Date Sampled: 10/17/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B					
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type
1	77	---	FTB/SE1	66	---	FTB/SE1	64	---	*
2	79	---	FTB/SE1	65	---	FTB/SE1	66	---	*
3	77	---	FTB/SE1	64	---	FTB/SE1	66	---	*
4	72	---	FTB/SE1	65	---	FTB/SE1	64	---	*
5	70	---	FTB/SE1	66	---	FTB/SE1	64	---	*
Average	75	---	---	65	---	---	65	---	---

Comments: Tested By: AHP
 Checked By: FH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 4 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-23
Seam: 76/79
Machine ID: 21

Date Sampled: 10/17/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	76	---	FTB/SE1	67	---	FTB/SE1	65	---	*
2	79	---	FTB/SE1	65	---	FTB/SE1	68	---	*
3	76	---	FTB/SE1	64	---	FTB/SE1	67	---	*
4	67	---	FTB/SE1	65	---	FTB/SE1	64	---	*
5	67	---	FTB/BRK	66	---	FTB/SE1	65	---	*
Average	73	---	---	65	---	---	66	---	---

Comments: Tested By: AHP
Checked By: FH

* = test halted after 20 inches of displacement

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SEAM SEGMENT	TESTER INITIALS	PRESSURE PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
03-Oct-03	1/2	RJ	30	30	10:00	10:05	PASS		EOS
03-Oct-03	2/3	RJ	30	30	10:01	10:06	PASS		EOS
03-Oct-03	3/4	RJ	30	30	10:03	10:08	PASS		EOS
03-Oct-03	4/5	RJ	30	30	10:05	10:10	PASS		EOS
03-Oct-03	5/6	RJ	30	30	10:06	10:11	PASS		EOS
03-Oct-03	6/7	RJ	30	29	10:11	10:16	PASS		EOS
03-Oct-03	7/8	RJ	30	30	10:13	10:18	PASS		EOS
03-Oct-03	8/9	RJ	30	30	10:15	10:20	PASS		EOS
03-Oct-03	9/10	RJ	30	28	10:17	10:22	PASS		EOS
03-Oct-03	10/11	RJ	30	30	10:20	10:25	PASS		EOS
03-Oct-03	11/12	RJ	30	30	10:26	10:31	PASS		EOS
03-Oct-03	12/13	RJ	30	29	10:28	10:33	PASS		EOS
03-Oct-03	13/14	RJ	30	30	10:30	10:35	PASS		EOS
03-Oct-03	14/15	RJ	30	30	10:32	10:37	PASS		EOS
03-Oct-03	15/16	RJ	30	30	10:35	10:40	PASS		EOS
03-Oct-03	16/17	RJ	30	28	10:38	10:43	PASS		EOS
03-Oct-03	17/18	RJ	30	30	10:40	10:45	PASS		EOS
03-Oct-03	18/19	RJ	30	30	10:42	10:47	PASS		EOS
03-Oct-03	19/20	RJ	30	30	10:45	10:50	PASS		EOS
03-Oct-03	20/21	RJ	30	30	10:46	10:51	PASS		EOS
03-Oct-03	21/22	RJ	30	30	10:52	10:57	PASS		EOS
03-Oct-03	22/23	RJ	30	27	10:55	11:00	PASS		EOS
03-Oct-03	23/24	RJ	30	30	10:58	11:03	PASS		EOS
03-Oct-03	24/25	RJ	30	27	11:10	11:15	PASS		EOS
03-Oct-03	25/26	RJ	30	28	11:15	11:20	PASS		EOS
03-Oct-03	12/39	RJ	30	30	4:32	4:37	PASS		EOS
03-Oct-03	13/39	RJ	30	30	4:29	4:34	PASS		EOS
03-Oct-03	14/39	RJ	30	30	4:23	4:28	PASS		EOS
03-Oct-03	15/39	RJ	30	30	4:17	4:22	PASS		EOS
03-Oct-03	16/39	RJ	30	30	4:15	4:20	PASS		EOS
03-Oct-03	17/39	RJ	30	30	4:08	4:13	PASS		EOS
03-Oct-03	18/39	RJ	30	30	4:07	4:12	PASS		EOS
03-Oct-03	19/39	RJ	30	30	4:01	4:06	PASS		SEOS to 5
03-Oct-03	19/39	RJ	30	30	3:38	3:43	PASS		5 to EOS
03-Oct-03	20/39	RJ	30	30	3:51	3:56	PASS		EOS
03-Oct-03	21/39	RJ						PASS	EOS
03-Oct-03	22/39	RJ	30	30	3:07	3:12	PASS		EOS
03-Oct-03	23/39	RJ	30	30	3:04	3:09	PASS		EOS
03-Oct-03	23/40	RJ	30	30	3:02	3:07	PASS		EOS
03-Oct-03	24/40	RJ	30	30	2:55	3:00	PASS		EOS
03-Oct-03	25/40	RJ	30	30	2:54	2:59	PASS		EOS
03-Oct-03	39/40	RJ	30	30	3:23	3:28	PASS		EOS
06-Oct-03	11/39	JO	30	30	10:03	10:08	PASS		EOS
06-Oct-03	10/39	JO	30	28	10:07	10:12	PASS		EOS

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SEAM SEGMENT	TESTER INITIALS	PRESSURE PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
06-Oct-03	9/39	JO	30	29	10:10	10:15	PASS		EOS
06-Oct-03	8/39	JO	30	28	10:16	10:21	PASS		EOS
06-Oct-03	7/39	JO	30	29	10:21	10:26	PASS		EOS
06-Oct-03	6/39	JO	30	29	10:23	10:28	PASS		EOS
06-Oct-03	5/39	JO	30	30	10:27	10:32	PASS		EOS
06-Oct-03	4/39	JO	30	29	10:30	10:35	PASS		EOS
06-Oct-03	3/39	JO	30	30	10:33	10:38	PASS		NEOS to 11
06-Oct-03	3/39	JO	30	30	10:36	10:41	PASS		11 to EOS
06-Oct-03	2/39	JO	30	30	10:41	10:46	PASS		EOS
06-Oct-03	1/39	JO	30	29	10:44	10:49	PASS		EOS
06-Oct-03	26/40	JO	30	30	10:57	11:02	PASS		EOS
06-Oct-03	26/32	JO	30	29	11:09	11:14	PASS		EOS
06-Oct-03	27/32	JO						PASS	EOS
06-Oct-03	27/31	JO	30	30	11:16	11:21	PASS		EOS
06-Oct-03	26/27	JO	30	30	11:09	11:14	PASS		EOS
06-Oct-03	27/28	JO	30	30	11:23	11:28	PASS		EOS
06-Oct-03	28/31	JO	30	30	11:23	11:28	PASS		EOS
06-Oct-03	28/29	JO	30	30	11:32	11:37	PASS		EOS
06-Oct-03	29/38	JO	30	29	11:35	11:40	PASS		EOS
06-Oct-03	31/32	JO	30	30	11:16	11:21	PASS		EOS
06-Oct-03	32/40	JO	30	30	10:57	11:02	PASS		WEOS to 9
06-Oct-03	32/40	JO	30	30	11:03	11:08	PASS		9 to EOS
06-Oct-03	32/33	JO	30	29	11:47	11:52	PASS		EOS
06-Oct-03	33/41	JO	30	29	11:03	11:08	PASS		EOS
06-Oct-03	33/34	JO	30	29	11:47	11:52	PASS		EOS
06-Oct-03	34/42	JO	30	30	11:56	12:01	PASS		EOS
06-Oct-03	34/35	JO	30	30	11:55	12:00	PASS		EOS
06-Oct-03	35/44	JO	30	29	1:00	1:05	PASS		EOS
06-Oct-03	35/36	JO	30	30	12:55	1:00	PASS		EOS
06-Oct-03	36/46	JO	30	29	1:06	1:11	PASS		EOS
06-Oct-03	36/37	JO	30	30	4:55	5:00	PASS		EOS
06-Oct-03	40/41	JO	30	28	4:03	4:08	PASS		527 to EOS
06-Oct-03	41/42	JO	30	30	4:06	4:11	PASS		330 to EOS
06-Oct-03	42/44	JO	30	29	4:40	4:45	PASS		330 to EOS
06-Oct-03	44/46	JO	30	30	4:54	4:59	PASS		521 to EOS
07-Oct-03	39/41	JO	30	30	7:02	7:07	PASS		SEOS to 188
07-Oct-03	39/41	JO	30	30	7:03	7:08	PASS		188 to 389
07-Oct-03	39/41	JO	30	30	7:10	7:15	PASS		389 to 498
07-Oct-03	39/41	JO	30	29	7:12	7:17	PASS		498 to 510
07-Oct-03	40/41	JO	30	30	9:27	9:32	PASS		510 to 527
07-Oct-03	41/43	JO	30	30	7:21	7:26	PASS		SEOS to 323
07-Oct-03	41/43	JO	30	29	7:16	7:21	PASS		323 to 330
07-Oct-03	42/43	JO	30	30	7:15	7:20	PASS		EOS
07-Oct-03	43/45	JO	30	30	7:22	7:27	PASS		SEOS to 20

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SEAM SEGMENT	TESTER INITIALS	PRESSURE PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
07-Oct-03	43/45	JO	30	29	7:24	7:29	PASS		20 to 29
07-Oct-03	44/45	JO	30	29	7:25	7:30	PASS		EOS
07-Oct-03	43/44	JO	30	30	7:39	7:44	PASS		29 to 47
07-Oct-03	43/44	JO	30	30	7:41	7:46	PASS		47 to 156
07-Oct-03	43/44	JO	30	30	7:48	7:53	PASS		156 to 175
07-Oct-03	43/44	JO	30	30	7:48	7:53	PASS		175 to 248
07-Oct-03	43/44	JO	30	30	7:57	8:02	PASS		248 to 330
07-Oct-03	45/46	JO	30	30	8:33	8:38	PASS		SEOS to 29
07-Oct-03	44/46	JO	30	29	8:33	8:38	PASS		29 to 78
07-Oct-03	44/46	JO	30	29	8:28	8:33	PASS		78 to 139
07-Oct-03	44/46	JO	30	30	8:27	8:32	PASS		139 to 159
07-Oct-03	44/46	JO	30	29	8:12	8:17	PASS		159 to 166
07-Oct-03	44/46	JO	30	29	8:03	8:08	PASS		166 to 521
07-Oct-03	46/53	JO	30	30	8:43	8:48	PASS		SEOS to 22
07-Oct-03	46/53	JO	30	30	8:43	8:48	PASS		22 to 48
07-Oct-03	46/53	JO	30	30	8:49	8:54	PASS		48 to 115
07-Oct-03	46/53	JO	30	29	8:49	8:54	PASS		115 to 134
07-Oct-03	46/53	JO	30	29	8:59	9:04	PASS		134 to 276
07-Oct-03	46/52	JO	30	30	9:02	9:07	PASS		276 to 472
07-Oct-03	46/52	JO	30	30	5:19	5:24	PASS		472 to EOS
07-Oct-03	52/53	JO	30	29	9:08	9:13	PASS		weos to 8
07-Oct-03	52/53	JO	30	29	9:11	9:16	PASS		8 to 17
07-Oct-03	52/53	JO	30	29	9:14	9:19	PASS		17 to EOS
07-Oct-03	53/54	JO	30	30	11:32	11:37	PASS		SEOS to 276
07-Oct-03	52/54	JO	30	30	11:29	11:34	PASS		276 to 334
07-Oct-03	52/54	JO	30	28	1:42	1:47	PASS		334 to 376
07-Oct-03	52/54	JO	30	29	1:40	1:45	PASS		376 to 392
07-Oct-03	52/54	JO	30	30	1:27	1:32	PASS		392 to 446
07-Oct-03	52/54	JO						PASS	446 to 482
07-Oct-03	52/54	JO	30	30	1:03	1:08	PASS		482 to 507
07-Oct-03	52/54	JO	30	29	11:54	11:59	PASS		507 to 514
07-Oct-03	52/54	JO	30	29	11:46	11:51	PASS		514 to EOS
07-Oct-03	37/52	JO						PASS	WEOS to 11
07-Oct-03	37/52	JO	30	29	1:53	1:58	PASS		11 to EOS
07-Oct-03	48/54	JO	30	30	2:02	2:07	PASS		WEOS to 9
07-Oct-03	48/54	JO	30	29	2:02	2:07	PASS		9 to EOS
07-Oct-03	49/55	JO	30	29	2:32	2:37	PASS		EOS
07-Oct-03	37/47	JO	30	29	2:12	2:17	PASS		NEOS to 48
07-Oct-03	37/48	JO	30	29	2:08	2:13	PASS		48 to EOS
07-Oct-03	47/48	JO	30	28	2:12	2:17	PASS		EOS
07-Oct-03	47/49	JO	30	30	2:19	2:24	PASS		NEOS to 48
07-Oct-03	48/49	JO	30	29	2:20	2:25	PASS		48 to EOS
07-Oct-03	54/56	JO	30	29	3:09	3:14	PASS		SEOS to 58
07-Oct-03	54/56	JO	30	29	3:00	3:05	PASS		58 to 325

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SEAM SEGMENT	TESTER INITIALS	PRESSURE PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
07-Oct-03	54/56	JO	30	30	2:46	2:51	PASS		325 to 482
07-Oct-03	54/56	JO	30	30	2:42	2:47	PASS		482 to 506
07-Oct-03	54/55	JO	30	30	2:27	2:32	PASS		506 to EOS
07-Oct-03	55/56	JO	30	30	2:27	2:32	PASS		EOS
07-Oct-03	56/58	JO	30	30	3:14	3:19	PASS		SEOS to 125
07-Oct-03	56/58	JO	30	29	3:23	3:28	PASS		125 to 193
07-Oct-03	56/57	JO	30	30	3:28	3:33	PASS		193 to 248
07-Oct-03	56/57	JO	30	28	3:30	3:35	PASS		248 to 482
07-Oct-03	56/57	JO	30	28	3:49	3:54	PASS		482 to 506
07-Oct-03	55/57	JO	30	30	3:55	4:00	PASS		506 to EOS
08-Oct-03	58/62	JO	30	30	10:14	10:19	PASS		SEOS to 15
08-Oct-03	58/62	JO	30	30	10:17	10:22	PASS		15 to 146
08-Oct-03	58/62	JO	30	30	10:23	10:28	PASS		146 to 193
08-Oct-03	57/62	JO	30	30	10:04	10:09	PASS		193 to 227
08-Oct-03	57/62	JO	30	29	9:58	10:03	PASS		227 to 265
08-Oct-03	57/62	JO	30	28	9:57	10:02	PASS		265 to 304
08-Oct-03	57/62	JO	30	29	9:26	9:31	PASS		304 to 343
08-Oct-03	57/62	JO	30	28	9:24	9:29	PASS		343 to 387
08-Oct-03	57/62	JO	30	29	9:18	9:23	PASS		387 to 413
07-Oct-03	57/62	JO	30	30	5:19	5:24	PASS		413 to 447
07-Oct-03	57/62	JO	30	29	4:15	4:20	PASS		447 to EOS
07-Oct-03	49/50	JO	30	28	4:13	4:18	PASS		NEOS to 67
07-Oct-03	49/50	JO	30	29	4:06	4:11	PASS		67 to EOS
07-Oct-03	50/57	JO	30	28	4:03	4:08	PASS		EOS
07-Oct-03	51/62	JO	30	30	4:56	5:01	PASS		EOS
08-Oct-03	50/51	JO	30	29	7:01	7:06	PASS		EOS
08-Oct-03	51/59	JO	30	30	7:03	7:08	PASS		EOS
08-Oct-03	59/63	JO	30	29	7:06	7:11	PASS		EOS
08-Oct-03	59/60	JO	30	30	8:00	8:05	PASS		EOS
08-Oct-03	60/65	JO	30	30	8:26	8:31	PASS		EOS
08-Oct-03	61/65	JO						PASS	EOS
08-Oct-03	61/67	JO	30	30	8:33	8:38	PASS		EOS
08-Oct-03	62/64	JO	30	29	10:34	10:39	PASS		SEOS to 49
08-Oct-03	62/64	JO	30	30	10:40	10:45	PASS		49 to 178
08-Oct-03	62/64	JO	30	29	10:42	10:47	PASS		178 to 390
08-Oct-03	62/63	JO	30	29	10:59	11:04	PASS		390 to 449
08-Oct-03	62/63	JO	30	29	11:13	11:18	PASS		449 to EOS
08-Oct-03	63/64	JO						PASS	WEOS to 11
08-Oct-03	63/64	JO	30	30	11:01	11:06	PASS		11 to EOS
08-Oct-03	64/66	JO	30	30	12:55	1:00	PASS		SEOS to 45
08-Oct-03	64/65	JO						PASS	45 to 51
08-Oct-03	64/65	JO	30	29	11:45	11:50	PASS		51 to 56
08-Oct-03	64/65	JO	30	29	12:48	12:53	PASS		56 to 148
08-Oct-03	64/65	JO	30	30	12:50	12:55	PASS		148 to 245

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SEAM SEGMENT	TESTER INITIALS	PRESSURE PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
08-Oct-03	64/65	JO	30	30	11:54	11:59	PASS		245 to 390
08-Oct-03	64/65	JO	30	30	11:24	11:29	PASS		390 to 487
08-Oct-03	64/65	JO	30	30	8:19	8:24	PASS		487 to EOS
08-Oct-03	60/61	JO	30	30	8:37	8:42	PASS		EOS
08-Oct-03	65/66	JO	30	30	12:57	1:02	PASS		WEOS to 18
08-Oct-03	65/66	JO						PASS	18 to EOS
08-Oct-03	65/67	JO	30	30	1:09	1:14	PASS		SEOS to 231
08-Oct-03	65/67	JO	30	30	1:05	1:10	PASS		231 to 427
08-Oct-03	65/67	JO	30	30	8:45	8:50	PASS		427 to EOS
17-Oct-03	61/68	JO	30	30	9:04	9:09	PASS		EOS
17-Oct-03	68/69	JO	30	30	9:10	9:15	PASS		NEOS to 62
17-Oct-03	68/70	JO	30	30	9:19	9:24	PASS		62 to EOS
17-Oct-03	69/70	JO	30	30	9:19	9:24	PASS		WEOS to 15
17-Oct-03	69/70	JO	30	28	9:27	9:32	PASS		15 to EOS
17-Oct-03	69/71	JO	30	29	9:27	9:32	PASS		NEOS to 62
17-Oct-03	70/71	JO	30	29	9:34	9:39	PASS		62 to EOS
17-Oct-03	67/73	JO	30	28	10:35	10:40	PASS		SEOS to 56
17-Oct-03	67/72	JO	30	30	10:26	10:31	PASS		56 to EOS
17-Oct-03	72/73	JO	30	29	10:32	10:37	PASS		EOS
17-Oct-03	73/74	JO	30	30	10:58	11:03	PASS		SEOS to 10
17-Oct-03	72/74	JO	30	30	10:56	11:01	PASS		10 to 66
17-Oct-03	72/74	JO	30	30	10:51	10:56	PASS		66 to 72
17-Oct-03	72/74	JO	30	29	10:50	10:55	PASS		72 to 83
17-Oct-03	72/74	JO	30	29	10:44	10:49	PASS		83 to 201
17-Oct-03	72/74	JO	30	30	10:42	10:47	PASS		201 to EOS
17-Oct-03	67/68	JO	30	30	11:32	11:37	PASS		EOS
17-Oct-03	68/72	JO						PASS	WEOS to 3
17-Oct-03	68/72	JO	30	29	11:33	11:38	PASS		3 to EOS
17-Oct-03	70/72	JO	30	30	11:40	11:45	PASS		EOS
17-Oct-03	70/74	JO	30	28	11:40	11:45	PASS		EOS
17-Oct-03	74/75	JO	30	30	1:00	1:05	PASS		SEOS to 187
17-Oct-03	74/75	JO	30	30	12:00	12:05	PASS		187 to EOS
17-Oct-03	71/74	JO						PASS	EOS
17-Oct-03	71/75	JO	30	29	1:25	1:30	PASS		EOS
17-Oct-03	75/78	JO	30	30	2:27	2:32	PASS		SEOS to 26
17-Oct-03	75/78	JO	30	30	2:21	2:26	PASS		26 to 45
17-Oct-03	77/78	JO	30	30	2:21	2:26	PASS		EOS
17-Oct-03	75/77	JO	30	30	2:04	2:09	PASS		45 to 113
17-Oct-03	75/77	JO	30	30	1:37	1:42	PASS		113 to 166
17-Oct-03	75/76	JO	30	30	1:34	1:39	PASS		166 to 247
17-Oct-03	75/76	JO	30	30	1:30	1:35	PASS		247 to 258
17-Oct-03	75/76	JO	30	30	1:24	1:29	PASS		258 to EOS
17-Oct-03	76/77	JO	30	30	2:01	2:06	PASS		EOS
17-Oct-03	77/79	JO	30	30	2:30	2:35	PASS		SEOS to 11

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SEAM SEGMENT	TESTER INITIALS	PRESSURE PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
17-Oct-03	77/79	JO	30	30	2:34	2:39	PASS		11 to 121
17-Oct-03	76/79	JO	30	29	2:38	2:43	PASS		121 to 160
17-Oct-03	76/79	JO	30	30	2:45	2:50	PASS		160 to 168
17-Oct-03	76/79	JO	30	30	2:47	2:52	PASS		168 to EOS

New England Liner Systems, Inc.

Non Destructive Test Data

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

40 Mil LLDPE

DATE	SEAM	TESTER INITIALS	PRESSURE - PSI		TEST TIME		PASS FAIL	V-BOX PASS	COMMENTS
			START	END	START	END			
25-Oct-04	1/2	DX	25	25	10:37	10:42	PASS	PASS	
25-Oct-04	2/3	DX	25	25	10:39	10:44	PASS	PASS	
25-Oct-04	3/4	DX	25	25	10:53	10:58	PASS	PASS	
25-Oct-04	3/4	DX	25	25	10:54	10:59	PASS	PASS	
26-Oct-04	4/5	DX	25	25	8:06	8:11	PASS	PASS	
26-Oct-04	5/6	DX	25	25	8:07	8:12	PASS	PASS	
26-Oct-04	6/7	DX	25	25	8:14	8:19	PASS	PASS	
26-Oct-04	7/8	DX	25	25	11:09	11:14	PASS	PASS	
26-Oct-04	7/8	DX	25	25	11:08	11:13	PASS	PASS	
26-Oct-04	7/8	DX	25	25	1:07	1:12	PASS	PASS	
26-Oct-04	8/9	DX	25	25	11:15	11:20	PASS	PASS	
26-Oct-04	9/14	DX	25	25	11:16	11:21	PASS	PASS	
26-Oct-04	9/10	DX	25	25	11:17	11:22	PASS	PASS	
26-Oct-04	9/10	DX	25	25	12:46	12:51	PASS	PASS	
26-Oct-04	9/10	DX	25	25	1:00	1:05	PASS	PASS	
26-Oct-04	9/19	DX	25	25	1:30	1:35	PASS	PASS	
26-Oct-04	9/20	DX	25	25	1:45	1:50	PASS	PASS	
26-Oct-04	19/20	DX	25	25	1:36	1:41	PASS	PASS	
26-Oct-04	20/21	DX	25	25	1:37	1:42	PASS	PASS	
26-Oct-04	19/21	DX	25	24	1:29	1:34	PASS	PASS	
26-Oct-04	11/21	DX	25	24	1:25	1:30	PASS	PASS	
26-Oct-04	10/11	DX	25	25	1:07	1:12	PASS	PASS	
26-Oct-04	10/11	DX	25	25	12:40	12:45	PASS	PASS	
26-Oct-04	14/15	DX	25	25	12:36	12:41	PASS	PASS	
26-Oct-04	11/15	DX	25	25	12:35	12:40	PASS	PASS	
26-Oct-04	15/16	DX	25	24	1:50	1:55	PASS	PASS	
26-Oct-04	16/12	DX	25	24	1:53	1:58	PASS	PASS	
26-Oct-04	11/12	DX	25	24	2:08	2:13	PASS	PASS	
26-Oct-04	11/22	DX	25	25	2:14	2:19	PASS	PASS	
26-Oct-04	12/22	DX	25	25	2:07	2:12	PASS	PASS	
26-Oct-04	22/21	DX	25	25	2:15	2:20	PASS	PASS	
26-Oct-04	22/23	DX	25	24	3:20	3:25	PASS	PASS	
26-Oct-04	23/13	DX	25	24	3:21	3:26	PASS	PASS	
26-Oct-04	12/13	DX	25	25	3:30	3:35	PASS	PASS	
26-Oct-04	12/17	DX	25	25	3:42	3:47	PASS	PASS	
26-Oct-04	16/17	DX	25	24	3:51	3:56	PASS	PASS	
26-Oct-04	13/17	DX	25	25	3:47	3:52	PASS	PASS	
26-Oct-04	17/18	DX	25	25	3:46	3:51	PASS	PASS	
26-Oct-04	18/23	DX	25	25	3:40	3:45	PASS	PASS	

New England Liner Systems, Inc. Destructive Test Log

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

PRODUCT: 40 Mil LLDPE

DATE	SAMPLE ID #	SEAM NUMBER	MACHINE NUMBER	SEAMER INITIALS	TEST MODE	TEST RESULTS IN LBS / IN					PASS FAIL
						SAMPLE NUMBER					
						1	2	3	4	5	
06-Oct-03	1	16/17	21	NO	PEEL	92/90	90/91	94/91	91/90	93/91	PASS
					SHEAR	91	94	93	90	93	PASS
06-Oct-03	2	31/32	21	NO	PEEL	77/82	74/70	80/75	69/73	74/75	PASS
					SHEAR	81	79	76	82	76	PASS
06-Oct-03	3	36/37	22	MO	PEEL	79/85	74/74	70/71	69/74	69/71	PASS
					SHEAR	79	76	77	77	81	PASS
06-Oct-03	4	22/39	21	NO	PEEL	84/81	90/84	84/77	89/85	84/84	PASS
					SHEAR	86	87	90	87	88	PASS
06-Oct-03	5	39/41	22	MO	PEEL	67/69	66/68	70/69	69/74	68/68	PASS
					SHEAR	76	74	74	70	71	PASS
06-Oct-03	6	41/43	22	MO	PEEL	70/68	71/69	68/75	74/75	66/69	PASS
					SHEAR	80	76	69	74	75	PASS
06-Oct-03	7	43/44	21	NO	PEEL	69/69	67/66	70/69	71/68	64/69	PASS
					SHEAR	69	71	67	68	70	PASS
06-Oct-03	8	44/46	22	MO	PEEL	64/67	66/69	68/71	71/71	74/67	PASS
					SHEAR	71	74	70	69	74	PASS
06-Oct-03	9	46/53	21	NO	PEEL	69/71	71/73	74/68	70/71	71/67	PASS
					SHEAR	68	69	70	70	67	PASS
07-Oct-03	10	52/54	21	NO	PEEL	65/66	69/69	68/70	67/66	68/70	PASS
					SHEAR	76	80	71	67	68	PASS
07-Oct-03	11	54/55	21	NO	PEEL	67/67	69/70	71/76	69/68	71/73	PASS
					SHEAR	69	73	70	68	69	PASS
07-Oct-03	12	50/51	21	NO	PEEL	77/74	71/76	69/74	74/71	69/74	PASS
					SHEAR	71	67	71	68	73	PASS
07-Oct-03	13	56/57	21	NO	PEEL	69/66	69/67	70/70	65/66	71/69	PASS
					SHEAR	70	70	71	68	69	PASS
08-Oct-03	14	59/60	21	NO	PEEL	70/70	66/69	71/69	68/70	70/67	PASS
					SHEAR	74	71	71	75	76	PASS
08-Oct-03	15	58/62	21	NO	PEEL	61/62	64/66	66/70	70/67	69/68	PASS
					SHEAR	72	70	69	69	71	PASS
08-Oct-03	16	62/64	21	NO	PEEL	59/61	66/65	67/67	69/67	68/66	PASS
					SHEAR	67	70	73	71	67	PASS
08-Oct-03	17	62/63	21	NO	PEEL	60/58	64/66	65/67	66/64	67/69	PASS
					SHEAR	66	67	68	67	65	PASS
08-Oct-03	18	63/65	21	NO	PEEL	60/61	64/65	64/64	66/65	65/64	PASS
					SHEAR	66	67	65	65	68	PASS
08-Oct-03	19	65/67	22	MO	PEEL	60/59	61/64	64/65	66/64	61/63	PASS
					SHEAR	66	69	67	67	66	PASS
17-Oct-03	20	67/72	21	NO	PEEL	75/77	74/73	69/74	71/75	76/75	PASS
					SHEAR	81	83	79	77	77	PASS
17-Oct-03	21	72/74	22	MO	PEEL	71/75	73/74	74/72	69/74	69/69	PASS
					SHEAR	74	71	74	76	69	PASS
17-Oct-03	22	74/75	21	NO	PEEL	72/74	76/75	77/76	71/76	72/73	PASS
					SHEAR	76	81	77	76	79	PASS
17-Oct-03	23	76/79	21	NO	PEEL	73/75	75/74	71/76	69/71	73/74	PASS
					SHEAR	76	74	79	73	76	PASS

New England Liner Systems, Inc.

Repair Report

PRODUCT:

40 Mil LLDPE

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

Repair Date	Seam Number	Panel Numbers	Repair Crew	Machine Number	V-Box Test Pass/Fail	Location Comments
03-Oct-03	16,17/39		NO	DT-1	Pass	Tie in
03-Oct-03	16/17		NO	DT-1	Pass	DS-1 33 to WEOS
03-Oct-03	17,18/39		NO	DT-1	Pass	Tie in
03-Oct-03	18,19/39		NO	DT-1	Pass	Tie in
03-Oct-03	19/39		NO	DT-1	Pass	Tie in, Boot
03-Oct-03	19,20/39		NO	DT-1	Pass	Tie in
03-Oct-03	20,21/39		NO	DT-1	Pass	Tie in
03-Oct-03	21,22/39		NO	DT-1	Pass	Tie in
03-Oct-03	22/39		NO	DT-1	Pass	DS-4 Tie in
03-Oct-03	22,23/39		NO	DT-1	Pass	Tie in
03-Oct-03	23,39,40		NO	DT-1	Pass	Tie in
03-Oct-03	23,24/40		NO	DT-1	Pass	Tie in
03-Oct-03	24,25/40		NO	DT-1	Pass	Tie in
06-Oct-03	1,2/39		RR	DT-1	Pass	Tie in
06-Oct-03	2,3/39		RR	DT-1	Pass	Tie in
06-Oct-03	3/39		RR	DT-1	Pass	Tie in
06-Oct-03	3,4/39		RR	DT-1	Pass	Tie in
06-Oct-03	4,5/39		RR	DT-1	Pass	Tie in
06-Oct-03	5,6/39		RR	DT-1	Pass	Tie in
06-Oct-03	6,7/39		RR	DT-1	Pass	Tie in
06-Oct-03	7,8/39		RR	DT-1	Pass	Tie in
06-Oct-03	8,9/39		RR	DT-1	Pass	Tie in
06-Oct-03	9,10/39		RR	DT-1	Pass	Tie in
06-Oct-03	10,11/39		RR	DT-1	Pass	Tie in
06-Oct-03	11,12/39		RR	DT-1	Pass	Tie in
06-Oct-03	12,13/39		RR	DT-1	Pass	Tie in
06-Oct-03	13,14/39		RR	DT-1	Pass	Tie in
06-Oct-03	14,15/39		RR	DT-1	Pass	Tie in
06-Oct-03	15,16/39		RR	DT-1	Pass	Tie in
06-Oct-03	25,26/40		RR	DT-1	Pass	Tie in
06-Oct-03	26,40,32		RR	DT-1	Pass	Tie in
06-Oct-03	26,27/32		RR	DT-1	Pass	Tie in
06-Oct-03	27,31,32		RR	DT-1	Pass	Tie in
06-Oct-03	27,28/31		RR	DT-1	Pass	Tie in
06-Oct-03	28,29/31		RR	DT-1	Pass	Tie in
06-Oct-03	31/32		RR	DT-1	Pass	DS-2 71 to NEOS
06-Oct-03	32/40		RR	DT-1	Pass	Tie in
06-Oct-03	32,33/40,41		RR	DT-1	Pass	Tie in
06-Oct-03	33,34/41,42		RR	DT-1	Pass	Tie in
06-Oct-03	34,35/42,44		RR	DT-1	Pass	Tie in
06-Oct-03	35,36/44,46		RR	DT-1	Pass	Tie in
07-Oct-03	39/41		RR	DT-1	Pass	188 to SEOS

New England Liner Systems, Inc.

Repair Report

PRODUCT:

40 Mil LLDPE

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

Repair Date	Seam Number	Panel Numbers	Repair Crew	Machine Number	V-Box Test Pass/Fail	Location Comments
07-Oct-03	39/41		RR	DT-1	Pass	DS-5 389 to SEOS
07-Oct-03	39/41		RR	DT-1	Pass	498 to SEOS
07-Oct-03	39,40/41		RR	DT-1	Pass	510 to SEOS
07-Oct-03	40/41		RR	DT-1	Pass	527 to SEOS
07-Oct-03	41/43		RR	DT-1	Pass	DS-6 323 to SEOS
07-Oct-03	41/42,43		RR	DT-1	Pass	330 to SEOS
07-Oct-03	43/45		RR	DT-1	Pass	Boot, 20 to SEOS
07-Oct-03	43/44,45		RR	DT-1	Pass	29 to SEOS
07-Oct-03	43/44		RR	DT-1	Pass	47 to SEOS
07-Oct-03	43/44		RR	DT-1	Pass	156 to SEOS
07-Oct-03	43/44		RR	DT-1	Pass	175 to SEOS
07-Oct-03	43/44		RR	DT-1	Pass	DS-7 248 to SEOS
07-Oct-03	42,43/44		RR	DT-1	Pass	330 to SEOS
07-Oct-03	44,45/46		RR	DT-1	Pass	29 to SEOS
07-Oct-03	44/46		RR	DT-1	Pass	139 to SEOS
07-Oct-03	44/46		RR	DT-1	Pass	159 to SEOS
07-Oct-03	44/46		RR	DT-1	Pass	DS-8 166 to SEOS
07-Oct-03		46	RR	DT-1	Pass	97 to SEOLiner
07-Oct-03		46	RR	DT-1	Pass	104 to SEOLiner
07-Oct-03			RR	DT-1	Pass	Boot, 22 to SEOS
07-Oct-03	46/53		RR	DT-1	Pass	48 to SEOS
07-Oct-03	46/53		RR	DT-1	Pass	Boot, 115 to SEOS
07-Oct-03	46/53		RR	DT-1	Pass	DS-9 134 to SEOS
07-Oct-03	46/53		RR	DT-1	Pass	276 to SEOS
07-Oct-03	46/52,53		RR	DT-1	Pass	Boot, 472 to SEOS
07-Oct-03	46/52		RR	DT-1	Pass	8 to WEOS, CS
07-Oct-03	52/53		RR	DT-1	Pass	17 to WEOS, CS
07-Oct-03	52/53		RR	DT-1	Pass	276 to SEOS
07-Oct-03	52,53/54		RR	DT-1	Pass	334 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	376 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	392 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	446 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	481 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	DS-10 497 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	507 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	514 to SEOS
07-Oct-03	52/54		RR	DT-1	Pass	DS-3 52 to NEOS
07-Oct-03	36/37		RR	DT-1	Pass	Tie in
07-Oct-03	36,37/46,52		RR	DT-1	Pass	Tie in, 7 to WEOS
07-Oct-03	37/52		RR	DT-1	Pass	Tie in, 11 to WEOS
07-Oct-03	37/52		RR	DT-1	Pass	Tie in
07-Oct-03	37,48/52,54		RR	DT-1	Pass	Tie in
07-Oct-03	37/47,48		RR	DT-1	Pass	48 to NEOS

Yew England Liner Systems, Inc.

Repair Report

PRODUCT: 40 Mil LLDPE

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

Repair Date	Seam Number	Panel Numbers	Repair Crew	Machine Number	V-Box Test Pass/Fail	Location Comments
07-Oct-03	47,48/49		RR	DT-1	Pass	48 to NEOS
07-Oct-03	54/56		RR	DT-1	Pass	Boot, 58 to SEOS
07-Oct-03	54/56		RR	DT-1	Pass	325 to SEOS
07-Oct-03	54/56		RR	DT-1	Pass	482 to SEOS
07-Oct-03	54/55,56		RR	DT-1	Pass	506 to SEOS
07-Oct-03	54/55		RR	DT-1	Pass	DS-11 530 to SEOS
07-Oct-03	48/54		RR	DT-1	Pass	9 to WEOS Tie in
07-Oct-03	48,49/54,55		RR	DT-1	Pass	Tie in
07-Oct-03	56/58		RR	DT-1	Pass	125 to SEOS
07-Oct-03	56/57,58		RR	DT-1	Pass	193 to SEOS
07-Oct-03	56/57		RR	DT-1	Pass	248 to SEOS
07-Oct-03	56/57		RR	DT-1	Pass	482 to SEOS
07-Oct-03	56/57		RR	DT-1	Pass	DS-13 496 to SEOS
07-Oct-03	55,56/57		RR	DT-1	Pass	506 to SEOS
07-Oct-03	49,50/55,57		RR	DT-1	Pass	Tie in
07-Oct-03	49/50		RR	DT-1	Pass	67 to NEOS
08-Oct-03	58/62		RR	DT-1	Pass	DS-15 8 to SEOS
08-Oct-03	58/62		RR	DT-1	Pass	15 to SEOS
08-Oct-03	58/62		RR	DT-1	Pass	146 to SEOS
08-Oct-03	57,58/62		RR	DT-1	Pass	193 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	227 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	265 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	304 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	343 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	387 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	413 to SEOS
08-Oct-03	57/62		RR	DT-1	Pass	447 to SEOS
08-Oct-03	50,51/57,62		RR	DT-1	Pass	Tie in
08-Oct-03	50/51		RR	DT-1	Pass	DS-12 72 to NEOS
08-Oct-03	62/64		RR	DT-1	Pass	DS-16 11 to SEOS
08-Oct-03	62/64		RR	DT-1	Pass	49 to SEOS
08-Oct-03	62/64		RR	DT-1	Pass	Boot, 178 to SEOS
08-Oct-03	62/63,64		MR	DT-1	Pass	390 to SEOS
08-Oct-03	62/63		MR	DT-1	Pass	449 to SEOS
08-Oct-03	62/63		MR	DT-1	Pass	DS-17 506 to SEOS
08-Oct-03	63/64		MR	DT-1	Pass	11 to WEOS CS
08-Oct-03	64/65,66		MR	DT-1	Pass	45 to SEOS
08-Oct-03	64/65		MR	DT-1	Pass	51 to SEOS
08-Oct-03	64/65		MR	DT-1	Pass	56 to SEOS
08-Oct-03	64/65		MR	DT-1	Pass	148 to SEOS
08-Oct-03	64/65		MR	DT-1	Pass	245 to SEOS
08-Oct-03	63,64/65		MR	DT-1	Pass	390 to SEOS

Vew England Liner Systems, Inc.

Repair Report

PRODUCT:

40 Mil LLDPE

PROJECT: Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY

Repair Date	Seam Number	Panel Numbers	Repair Crew	Machine Number	V-Box Test Pass/Fail	Location Comments
08-Oct-03	63/65		MR	DT-1	Pass	487 to SEOS
08-Oct-03	63/65		MR	DT-1	Pass	DS-18 502 to SEOS
08-Oct-03	59,60/63,65		MR	DT-1	Pass	Tie in
08-Oct-03	59/60		MR	DT-1	Pass	DS-14 66 to NEOS
08-Oct-03	65/67		MR	DT-1	Pass	241 to SEOS
08-Oct-03	65/67		MR	DT-1	Pass	427 to SEOS
08-Oct-03	65/67		MR	DT-1	Pass	DS-19 433 to SEOS
08-Oct-03	60,61/65		MR	DT-1	Pass	Tie in
08-Oct-03	61/65,67		MR	DT-1	Pass	Tie in
09-Oct-03	51,59/62,63		RR	DT-1	Pass	Boot, Tie in
09-Oct-03		40	RR	DT-1	Pass	Boot, 15 to 40/32
09-Oct-03	59/60		RR	DT-1	Pass	Boot, 80 to NEOS
09-Oct-03		60	RR	DT-1	Pass	Boot, 80 to NEOLiner
17-Oct-03	67/72,73		RR	DT-1	Pass	56 to SEOS
17-Oct-03	67/72		RR	DT-1	Pass	DS-20 408 to SEOS
17-Oct-03	72,73/74		RR	DT-1	Pass	10 to SEOS
17-Oct-03	72/74		RR	DT-1	Pass	66 to SEOS
17-Oct-03	72/74		RR	DT-1	Pass	72 to SEOS
17-Oct-03	72/74		RR	DT-1	Pass	201 to SEOS
17-Oct-03	72/74		RR	DT-1	Pass	DS-21 328 to SEOS
17-Oct-03	74/75		RR	DT-1	Pass	187 to SEOS
17-Oct-03	74/75		RR	DT-1	Pass	DS-22 246 to SEOS
17-Oct-03	75/77,78		RR	DT-1	Pass	45 to SEOS
17-Oct-03	75/77		RR	DT-1	Pass	113 to SEOS
17-Oct-03	75/76,77		RR	DT-1	Pass	166 to SEOS
17-Oct-03	77/79		RR	DT-1	Pass	11 to SEOS
17-Oct-03	76,77/79		RR	DT-1	Pass	121 to SEOS
17-Oct-03	76/79		RR	DT-1	Pass	DS-23 143 to SEOS
17-Oct-03	61,68/67		RR	DT-1	Pass	Tie in
17-Oct-03	68/67,72		RR	DT-1	Pass	Tie in
17-Oct-03	68/69,70		RR	DT-1	Pass	62 to NEOS
17-Oct-03	68,70/72		RR	DT-1	Pass	Tie in
17-Oct-03	70/72,74		RR	DT-1	Pass	Tie in
17-Oct-03	69,70/71		RR	DT-1	Pass	62 to NEOS
17-Oct-03	71/74,75		RR	DT-1	Pass	Tie in
18-Oct-03	69/70		RR	DT-1	Pass	15 to WEOS Boot
18-Oct-03	70,71/74		RR	DT-1	Pass	Boot, Tie in
18-Oct-03	75/78		RR	DT-1	Pass	Boot, 26 to SEOS
18-Oct-03	75/76		RR	DT-1	Pass	Boot, 247 to SEOS
18-Oct-03	75/76		RR	DT-1	Pass	Boot, 258 to SEOS
18-Oct-03	76/79		RR	DT-1	Pass	Boot, 160 to SEOS
18-Oct-03	76/79		RR	DT-1	Pass	Boot, 168 to SEOS

Yew England Liner Systems, Inc.

Repair Report

PROJECT: *Former Landfill IRM
Former IFG Facility
GM - Syracuse, NY*

PRODUCT: *40 Mil LLDPE*

<i>Repair Date</i>	<i>Seam Number</i>	<i>Panel Numbers</i>	<i>Repair Crew</i>	<i>Machine Number</i>	<i>V-Box Test Pass/Fail</i>	<i>Location Comments</i>
<i>18-Oct-03</i>		<i>79</i>	<i>RR</i>	<i>DT-1</i>	<i>Pass</i>	<i>Boot, 73 to SEOLiner</i>
<i>18-Oct-03</i>		<i>79</i>	<i>RR</i>	<i>DT-1</i>	<i>Pass</i>	<i>Boot, 83 to SEOLiner</i>

New England Liner Systems, Inc.**Repair Report**

PRODUCT 40 Mil LLDPE

PROJECT: Former Landfill IRM
 Former IFG Facility
 GM - Syracuse, NY

Repair	Seam Number	Panel Numbers	Repair Crew	MACHINE	V-Box Test Pass/Fail	Location Comments
10/26/2004	3/4		DX	1059	P	70' to N eos
10/26/2004	4/5		DX	1059	P	DS#1 84' N eos
10/26/2004	7/8		DX	1059	P	21' to 78'
10/26/2004	7/8		DX	1059	P	78' to N eos
10/26/2004	8/9		DX	1059	P	DS#2 121' N eos
10/26/2004	9/19,20		DX	1059	P	CS
10/26/2004	9/19,10		DX	1059	P	CS
10/26/2004	9/10		DX	1059	P	28' TO 23'
10/26/2004	9/10		DX	1059	P	23' to N eos
10/26/2004	9/10,14		DX	1059	P	CS
10/26/2004	21/19,20		DX	1059	P	CS
10/26/2004	19,10,11,21		DX	1059	P	CS
10/26/2004	10/11		DX	1059	P	54' to 77'
10/26/2004	10/11		DX	1059	P	77' to N eos
10/26/2004	10/11		DX	1059	P	DS#3 106' Neos
10/26/2004	10,11,14,15		DX	1059	P	CS
10/26/2004	11/12		DX	1059	P	DS#4 40' N eos
10/26/2004	21/22		DX	1059	P	DS#5 45' Neos
10/26/2004	22/21,11		DX	1059	P	CS
10/26/2004	11/22,12		DX	1059	P	CS
10/26/2004	11,12,15,16		DX	1059	P	CS
10/26/2004	22,23,12,13		DX	1059	P	CS
10/26/2004	12/13,17		DX	1059	P	CS
10/26/2004	17/12,16		DX	1059	P	CS
10/26/2004	18/13,23		DX	1059	P	CS
10/26/2004	18/13,17		DX	1059	P	CS
10/26/2004	17/18		DX	1059	P	DS#6 11' N eos
10/26/2004	24/25,26		DX	1059	P	CS
10/26/2004	1/27,Existing E liner		DX	1059	P	CS
10/26/2004	27/Existing E liner		DX	1059	P	15' to N eos

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 1 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-1
Seam: 16/17
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	77	---	FTB/SE1	73	---	FTB/SE1	92	---	FTB/SE1
2	81	---	FTB/SE1	71	---	FTB/SE1	79	---	FTB/SE1
3	76	---	FTB/SE1	77	---	FTB/SE1	89	---	*
4	75	---	FTB/SE1	72	---	FTB/SE1	76	---	FTB/BRK
5	80	---	FTB/SE1	84	---	FTB/SE1	90	---	FTB/SE1
Average	78	---	---	75	---	---	85	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 2 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-2
Seam: 31/32
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	73	---	FTB/SE1	80	---	FTB/SE1	81	---	*
2	70	---	FTB/SE1	89	---	FTB/SE1	82	---	*
3	80	---	FTB/SE1	74	---	FTB/SE1	76	---	*
4	83	---	FTB/SE1	72	---	FTB/SE1	75	---	FTB/SE1
5	79	---	FTB/SE1	75	---	FTB/SE1	82	---	*
Average	77	---	---	78	---	---	79	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 3 of 9

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-3
Seam: 36/37
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	75	---	FTB/SE1	73	---	FTB/SE1	86	---	*
2	76	---	FTB/SE1	78	---	FTB/SE1	85	---	*
3	75	---	FTB/SE1	76	---	FTB/SE1	84	---	FTB/SE1
4	79	---	FTB/SE1	72	---	FTB/SE1	87	---	FTB/SE1
5	86	---	FTB/SE1	80	---	FTB/SE1	88	---	*
Average	78	---	---	76	---	---	86	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437 peel shear / seam destructive test

Client:	New England Liner Systems	GTX #:	4827
Project Name:	GM/Syracuse	Test Date:	10/07/03
Project Location:	---	Report #:	1
Installer:	New England Liner Systems	Page:	4 of 9
Upper Geomembrane:	40 mil Textured LLDPE	Grips:	ATS pneumatic
Lower Geomembrane:	40 mil Textured LLDPE	Specimen Size:	1 in x 8 in
Seaming Method:	Dual Hot-Wedge Weld	Date Sampled:	10/06/03
Testing Machine:	Instron 1123	Welder ID:	---
Testing Speed:	20in/min		
Sample ID:	DS-4		
Seam:	22/39		
Machine ID:	21		

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	69	---	FTB/BRK	68	---	FTB/SE1	97	---	FTB/SE1
2	71	---	FTB/BRK	71	---	FTB/SE1	71	---	FTB/BRK
3	85	---	FTB/SE1	70	---	FTB/SE1	88	---	FTB/SE1
4	91	---	FTB/SE1	66	---	FTB/SE1	90	---	FTB/SE1
5	85	---	FTB/SE1	67	---	FTB/SE1	88	---	*
Average	80	---	---	68	---	---	87	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437 peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 5 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-5
Seam: 39/41
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	69	---	FTB/BRK	67	---	FTB/SE1	80	---	FTB/SE1
2	66	---	FTB/SE1	70	---	FTB/SE1	75	---	FTB/SE1
3	65	---	FTB/SE1	67	---	FTB/SE1	75	---	FTB/SE1
4	66	---	FTB/SE1	71	---	FTB/SE1	78	---	FTB/SE1
5	68	---	FTB/SE1	68	---	FTB/SE1	79	---	FTB/SE1
Average	67	---	---	69	---	---	77	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 6 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-6
Seam: 41/43
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	64	---	FTB/SE1	68	---	FTB/SE1	78	---	FTB/SE1
2	65	---	FTB/SE1	67	---	FTB/SE1	71	---	FTB/BRK
3	67	---	FTB/SE1	66	---	FTB/SE1	72	---	FTB/SE1
4	67	---	FTB/SE1	66	---	FTB/SE1	77	---	FTB/SE1
5	66	---	FTB/SE1	66	---	FTB/SE1	77	---	FTB/SE1
Average	66	---	---	67	---	---	75	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 7 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-7
Seam: 43/44
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	72	---	FTB/SE1	63	---	FTB/SE1	70	---	FTB/BRK
2	78	---	FTB/SE1	66	---	FTB/SE1	70	---	FTB/BRK
3	78	---	FTB/SE1	66	---	FTB/SE1	73	---	FTB/SE1
4	76	---	FTB/SE1	62	---	FTB/SE1	74	---	FTB/SE1
5	77	---	FTB/SE1	62	---	FTB/SE1	78	---	FTB/SE1
Average	76	---	---	64	---	---	73	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437 peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 8 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-8
Seam: 44/46
Machine ID: 22

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	65	---	FTB/SE1	61	---	FTB/SE1	63	---	FTB/BRK
2	65	---	FTB/SE1	69	---	FTB/BRK	77	---	FTB/SE1
3	67	---	FTB/SE1	66	---	FTB/SE1	76	---	FTB/SE1
4	64	---	FTB/SE1	70	---	FTB/SE1	75	---	FTB/SE1
5	64	---	FTB/SE1	62	---	FTB/SE1	77	---	FTB/SE1
Average	65	---	---	66	---	---	74	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

GeoTesting Express, Inc. • Boxborough, MA • (978) 635-0424 • Fax (978) 635-0266

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/07/03
Report #: 1
Page: 9 of 9

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-9
Seam: 44/46
Machine ID: 21

Date Sampled: 10/06/03
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	68	---	FTB/BRK	65	---	FTB/SE1	70	---	FTB/BRK
2	71	---	FTB/BRK	67	---	FTB/SE1	70	---	FTB/BRK
3	72	---	FTB/SE1	67	---	FTB/SE1	76	---	FTB/SE1
4	75	---	FTB/SE1	70	---	FTB/SE1	77	---	FTB/SE1
5	80	---	FTB/SE1	69	---	FTB/SE1	70	---	FTB/SE1
Average	73	---	---	68	---	---	73	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: —
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 1 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-10
Seam: 52/54
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	64	---	FTB/SE1	61	---	FTB/SE1	68	---	FTB/SE1
2	64	---	FTB/SE1	62	---	FTB/SE1	70	---	FTB/SE1
3	73	---	FTB/SE1	67	---	FTB/SE1	68	---	FTB/SE1
4	66	---	FTB/SE1	64	---	FTB/SE1	75	---	FTB/SE1
5	64	---	FTB/SE1	64	---	FTB/SE1	76	---	FTB/SE1
Average	66	---	---	64	---	---	71	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437 peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: —
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 2 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-11
Seam: 55/54
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	70	—	FTB/SE1	60	—	FTB/SE1	64	—	FTB/SE1
2	69	—	FTB/SE1	63	—	FTB/SE1	74	—	FTB/SE1
3	76	—	FTB/SE1	68	—	FTB/SE1	78	—	FTB/SE1
4	75	—	FTB/SE1	66	—	FTB/SE1	74	—	FTB/SE1
5	68	—	FTB/SE1	68	—	FTB/SE1	60	—	FTB/SE1
Average	72	—	—	65	—	—	70	—	—

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: —
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 3 of 4

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-12
Seam: 51/50
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	86	—	FTB/SE1	73	—	FTB/SE1	78	—	FTB/SE1
2	89	—	FTB/SE1	79	—	FTB/SE1	83	—	FTB/SE1
3	86	—	FTB/SE1	76	—	FTB/SE1	83	—	FTB/SE1
4	80	—	FTB/SE1	70	—	FTB/SE1	86	—	FTB/SE1
5	85	—	FTB/SE1	73	—	FTB/SE1	75	—	FTB/SE1
Average	85	—	—	74	—	—	81	—	—

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/08/03
Report #: 2
Page: 4 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-13
Seam: 57/56
Machine ID: 21

Date Sampled: 10/07/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	75	---	FTB/SE1	63	---	FTB/SE1	69	---	FTB/SE1
2	69	---	FTB/SE1	61	---	FTB/SE1	71	---	FTB/SE1
3	71	---	FTB/SE1	62	---	FTB/SE1	74	---	FTB/SE1
4	73	---	FTB/SE1	63	---	FTB/SE1	71	---	FTB/SE1
5	76	---	FTB/SE1	61	---	FTB/SE1	70	---	FTB/SE1
Average	73	---	---	62	---	---	71	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 1 of 6

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-14
Seam: 60/59
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	86	---	FTB/SE1	71	---	FTB/SE1	88	---	FTB/SE1
2	94	---	FTB/SE1	74	---	FTB/SE1	86	---	FTB/SE1
3	80	---	FTB/SE1	80	---	FTB/SE1	86	---	*
4	78	---	FTB/SE1	69	---	FTB/SE1	82	---	FTB/SE1
5	78	---	FTB/SE1	77	---	FTB/SE1	89	---	FTB/SE1
Average	83	---	---	74	---	---	86	---	---

Comments: Tested By: CMQ
Checked By: MCH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437 peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 2 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-15
Seam: 62/58
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	64	---	FTB/SE1	67	---	FTB/SE1	77	---	FTB/SE1
2	67	---	FTB/SE1	65	---	FTB/SE1	75	---	FTB/SE1
3	67	---	FTB/SE1	66	---	FTB/SE1	71	---	FTB/SE1
4	66	---	FTB/SE1	63	---	FTB/SE1	75	---	FTB/SE1
5	65	---	FTB/SE1	61	---	FTB/SE1	73	---	FTB/SE1
Average	66	---	---	64	---	---	74	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 3 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-16
Seam: 64/67
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	66	---	FTB/SE1	60	---	FTB/SE1	70	---	*
2	81	---	FTB/SE1	72	---	FTB/SE1	67	---	*
3	63	---	FTB/SE1	66	---	FTB/SE1	66	---	*
4	71	---	FTB/SE1	62	---	FTB/SE1	72	---	*
5	80	---	FTB/SE1	63	---	FTB/SE1	70	---	*
Average	72	---	---	65	---	---	69	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 4 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-17
Seam: 62/63
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	75	---	FTB/SE1	66	---	FTB/SE1	78	---	FTB/SE1
2	72	---	FTB/SE1	65	---	FTB/SE1	79	---	FTB/SE1
3	71	---	FTB/SE1	64	---	FTB/SE1	80	---	FTB/SE1
4	79	---	FTB/SE1	65	---	FTB/SE1	77	---	FTB/SE1
5	69	---	FTB/SE1	68	---	FTB/SE1	74	---	FTB/SE1
Average	73	---	---	66	---	---	78	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 5 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-18
Seam: 65/63
Machine ID: 21

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	67	---	FTB/SE1	66	---	FTB/SE1	70	---	*
2	64	---	FTB/SE1	64	---	FTB/SE1	78	---	FTB/SE1
3	65	---	FTB/SE1	63	---	FTB/SE1	74	---	*
4	64	---	FTB/SE1	65	---	FTB/SE1	76	---	FTB/SE1
5	71	---	FTB/SE1	67	---	FTB/SE1	72	---	*
Average	66	---	---	65	---	---	74	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/09/03
Report #: 3
Page: 6 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-19
Seam: 67/65
Machine ID: 22

Date Sampled: 10/08/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	77	---	FTB/SE1	63	---	FTB/SE1	69	---	FTB/SE1
2	73	---	FTB/SE1	61	---	FTB/SE1	74	---	FTB/SE1
3	66	---	FTB/SE1	65	---	FTB/SE1	75	---	FTB/SE1
4	73	---	FTB/SE1	63	---	FTB/SE1	73	---	FTB/SE1
5	75	---	FTB/SE1	64	---	FTB/SE1	77	---	FTB/SE1
Average	73	---	---	63	---	---	74	---	---

Comments: Tested By: CMQ
 Checked By: MCH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: —
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 1 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-20
Seam: 67/72
Machine ID: 21

Date Sampled: 10/17/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	79	---	FTB/SE1	68	---	FTB/SE1	65	---	*
2	74	---	FTB/SE1	66	---	FTB/SE1	66	---	*
3	66	---	FTB/SE1	65	---	FTB/SE1	67	---	*
4	72	---	FTB/SE1	66	---	FTB/SE1	65	---	*
5	69	---	FTB/SE1	68	---	FTB/SE1	65	---	*
Average	72	---	---	67	---	---	66	---	---

Comments: Tested By: AHP
Checked By: FH

* = test halted after 20 inches of displacement

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: ---
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 2 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-21
Seam: 72/74
Machine ID: 22

Date Sampled: 10/17/03
Welder ID: MO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	67	---	FTB/SE1	66	---	FTB/SE1	64	---	*
2	70	---	FTB/SE1	65	---	FTB/SE1	66	---	*
3	70	---	FTB/SE1	63	---	FTB/SE1	64	---	*
4	68	---	FTB/SE1	64	---	FTB/SE1	63	---	*
5	67	---	FTB/SE1	66	---	FTB/SE1	63	---	*
Average	68	---	---	65	---	---	64	---	---

Comments: Tested By: AHP
 Checked By: FH

* = test halted after 20 inches of displacement

**Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by
ASTM D 4437
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: GM/Syracuse
Project Location: —
Installer: New England Liner Systems

GTX #: 4827
Test Date: 10/20/03
Report #: 4
Page: 3 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-22
Seam: 74/75
Machine ID: 21

Date Sampled: 10/17/03
Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	77	---	FTB/SE1	66	---	FTB/SE1	64	---	*
2	79	---	FTB/SE1	65	---	FTB/SE1	66	---	*
3	77	---	FTB/SE1	64	---	FTB/SE1	66	---	*
4	72	---	FTB/SE1	65	---	FTB/SE1	64	---	*
5	70	---	FTB/SE1	66	---	FTB/SE1	64	---	*
Average	75	---	---	65	---	---	65	---	---

Comments: Tested By: AHP
 Checked By: FH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes by ASTM D 4437

peel shear / seam destructive test

Client: New England Liner Systems
 Project Name: GM/Syracuse
 Project Location: —
 Installer: New England Liner Systems

GTX #: 4827
 Test Date: 10/20/03
 Report #: 4
 Page: 4 of 4

Upper Geomembrane: 40 mil Smooth LLDPE
 Lower Geomembrane: 40 mil Smooth LLDPE
 Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
 Testing Speed: 20in/min

Grips: ATS pneumatic
 Specimen Size: 1 in x 8 in

Sample ID: DS-23
 Seam: 76/79
 Machine ID: 21

Date Sampled: 10/17/03
 Welder ID: NO

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Delamination, %	Failure Type
	lb./in	Delamination, %	Failure Type	lb./in	Delamination, %	Failure Type			
1	76	---	FTB/SE1	67	---	FTB/SE1	65	---	*
2	79	---	FTB/SE1	65	---	FTB/SE1	68	---	*
3	76	---	FTB/SE1	64	---	FTB/SE1	67	---	*
4	67	---	FTB/SE1	65	---	FTB/SE1	64	---	*
5	67	---	FTB/BRK	66	---	FTB/SE1	65	---	*
Average	73	---	---	65	---	---	66	---	---

Comments: Tested By: AHP
 Checked By: FH

* = test halted after 20 inches of displacement

Notes: These results apply only to the sample tested for the specific test conditions. The test procedures employed follow accepted industry practice and the indicated test method. GeoTesting Express has no specific knowledge as to conditioning, origin, sampling procedure or intended use of the material.

GeoTesting express

1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

Transmittal

TO:

Mr. Jim Magnoli

New England Liner Systems

35 Wooster Court

Bristol, CT 06010

DATE: 11/04/04

GTX NO: 5572

RE: Royal Environmental GM

COPIES	DATE	DESCRIPTION
	11/04/04	October 2004 Laboratory Test Reports
		Seam Destructive Tests (ASTM D 6392)


REMARKS:

SIGNED:


Joe Tomei – Laboratory Manager

CC:

APPROVED BY:


Fred Hooper – Laboratory Manager



1145 Massachusetts Avenue
Boxborough, MA 01719
978 635 0424 Tel
978 635 0266 Fax

Geotechnical Test Report

November 4, 2004

Royal Environmental GM Project

Syracuse, NY

Prepared for:

New England Liner Systems

**Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion
Methods by ASTM D 6392
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: Royal Environmental - GM
Project Location: Syracuse, NY
Installer: New England Liner Systems

GTX #: 5572
Test Date: 10/27/04
Report #: 1
Page: 1 of 6

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20 in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-1
Seam: P4/P5
Machine ID: ---

Date Sampled: ---
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Elongation, %	Rupture Mode
	lb./in	Seam Separation, %	Rupture Mode	lb./in	Seam Separation, %	Rupture Mode			
1	72	---	SE1	80	---	SE1	87	1800	lower
2	82	---	SE1	85	---	SE1	93	1800	lower
3	82	---	SE1	79	---	SE1	100	1900	upper
4	84	---	SE1	84	---	SE1	64	1900	lower
5	84	---	SE1	80	---	SE1	98	1900	upper
Average	81	---	---	82	---	---	88	---	---

Comments: Tested By: awr
 Checked By: fph

Estimate of seam separation visually determined based upon proportion of linear length of separated bond in the direction of the test to the length of original bonding to the nearest 25%.

Shear test halted for HDPE and LMDPE materials once specimen has elongated 50%.

Shear test halted for PVC, fPP, LLDPE, VFPE and VLDPE once specimen has elongated past machine capacity.

Rupture mode for specimens with >50% elongation (HDPE and LMDPE) or > machine capacity (PVC, fPP, LLDPE, VFPE and VLDPE) interpreted as occurring in the membrane that exhibits yielding.

**Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion
Methods by ASTM D 6392
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: Royal Environmental - GM
Project Location: Syracuse, NY
Installer: New England Liner Systems

GTX #: 5572
Test Date: 10/27/04
Report #: 1
Page: 2 of 6

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20 in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-2
Seam: P8/P9
Machine ID: ---

Date Sampled: ---
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Elongation, %	Rupture Mode
	lb./in	Seam Separation, %	Rupture Mode	lb./in	Seam Separation, %	Rupture Mode			
1	84	---	SE1	85	---	SE1	83	> 2000	both
2	87	---	SE1	85	---	SE1	86	> 2000	both
3	87	---	SE1	83	---	SE1	89	> 2000	both
4	86	---	SE1	81	---	SE1	83	> 2000	both
5	83	---	SE1	84	---	SE1	87	> 2000	both
Average	85	---	---	84	---	---	86	---	---

Comments: Tested By: awr
Checked By: fph

Estimate of seam separation visually determined based upon proportion of linear length of separated bond in the direction of the test to the length of original bonding to the nearest 25%.

Shear test halted for HDPE and LMDPE materials once specimen has elongated 50%.

Shear test halted for PVC, fPP, LLDPE, VFPE and VLDPE once specimen has elongated past machine capacity.

Rupture mode for specimens with >50% elongation (HDPE and LMDPE) or > machine capacity (PVC, fPP, LLDPE, VFPE and VLDPE) interpreted as occurring in the membrane that exhibits yielding.

**Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion
Methods by ASTM D 6392
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: Royal Environmental - GM
Project Location: Syracuse, NY
Installer: New England Liner Systems

GTX #: 5572
Test Date: 10/27/04
Report #: 1
Page: 3 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20 in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-3
Seam: P10/P11
Machine ID: ---

Date Sampled: ---
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Elongation, %	Rupture Mode
	lb./in	Seam Separation, %	Rupture Mode	lb./in	Seam Separation, %	Rupture Mode			
1	70	---	SE1	70	---	SE1	72	1900	lower
2	86	---	SE1	78	---	SE1	78	> 2000	both
3	72	---	SE1	72	---	SE1	80	> 2000	both
4	86	---	SE1	70	---	SE1	79	1900	upper
5	78	---	SE1	73	---	SE1	74	1900	lower
Average	78	---	---	73	---	---	77	---	---

Comments: Tested By: awr
Checked By: fph

Estimate of seam separation visually determined based upon proportion of linear length of separated bond in the direction of the test to the length of original bonding to the nearest 25%.

Shear test halted for HDPE and LMDPE materials once specimen has elongated 50%.

Shear test halted for PVC, fPP, LLDPE, VFPE and VLDPE once specimen has elongated past machine capacity.

Rupture mode for specimens with >50% elongation (HDPE and LMDPE) or > machine capacity (PVC, fPP, LLDPE, VFPE and VLDPE) interpreted as occurring in the membrane that exhibits yielding.

**Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion
Methods by ASTM D 6392
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: Royal Environmental - GM
Project Location: Syracuse, NY
Installer: New England Liner Systems

GTX #: 5572
Test Date: 10/27/04
Report #: 1
Page: 4 of 6

Upper Geomembrane: 40 mil Smooth LLDPE
Lower Geomembrane: 40 mil Smooth LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20 in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-4
Seam: P11/P12
Machine ID: ---

Date Sampled: ---
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Elongation, %	Rupture Mode
	lb./in	Seam Separation, %	Rupture Mode	lb./in	Seam Separation, %	Rupture Mode			
1	70	---	SE1	74	---	SE1	75	1800	lower
2	83	---	SE1	69	---	SE1	83	1900	upper
3	86	---	SE1	79	---	SE1	86	> 2000	both
4	82	---	SE1	79	---	SE1	78	1700	upper
5	73	---	BRK	78	---	SE1	87	1800	upper
Average	79	---	---	76	---	---	82	---	---

Comments: Tested By: awr
 Checked By: fph

Estimate of seam separation visually determined based upon proportion of linear length of separated bond in the direction of the test to the length of original bonding to the nearest 25%.

Shear test halted for HDPE and LMDPE materials once specimen has elongated 50%.

Shear test halted for PVC, fPP, LLDPE, VFPE and VLDPE once specimen has elongated past machine capacity.

Rupture mode for specimens with >50% elongation (HDPE and LMDPE) or > machine capacity (PVC, fPP, LLDPE, VFPE and VLDPE) interpreted as occurring in the membrane that exhibits yielding.

**Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion
Methods by ASTM D 6392
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: Royal Environmental - GM
Project Location: Syracuse, NY
Installer: New England Liner Systems

GTX #: 5572
Test Date: 10/27/04
Report #: 1
Page: 5 of 6

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20 in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-5
Seam: P21/P22
Machine ID: ---

Date Sampled: ---
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb./in	Elongation, %	Rupture Mode
	lb./in	Seam Separation, %	Rupture Mode	lb./in	Seam Separation, %	Rupture Mode			
1	85	---	SE1	82	---	SE1	84	> 2000	both
2	87	---	SE1	79	---	SE1	86	> 2000	both
3	83	---	SE1	81	---	SE1	88	> 2000	both
4	82	---	SE1	90	---	SE1	82	> 2000	both
5	85	---	SE1	79	---	SE1	89	> 2000	both
Average	84	---	---	82	---	---	86	---	---

Comments: Tested By: awr
Checked By: fph

Estimate of seam separation visually determined based upon proportion of linear length of separated bond in the direction of the test to the length of original bonding to the nearest 25%.

Shear test halted for HDPE and LMDPE materials once specimen has elongated 50%.

Shear test halted for PVC, fPP, LLDPE, VFPE and VLDPE once specimen has elongated past machine capacity.

Rupture mode for specimens with >50% elongation (HDPE and LMDPE) or > machine capacity (PVC, fPP, LLDPE, VFPE and VLDPE) interpreted as occurring in the membrane that exhibits yielding.

**Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion
Methods by ASTM D 6392
peel shear / seam destructive test**

Client: New England Liner Systems
Project Name: Royal Environmental - GM
Project Location: Syracuse, NY
Installer: New England Liner Systems

GTX #: 5572
Test Date: 10/27/04
Report #: 1
Page: 6 of 6

Upper Geomembrane: 40 mil Textured LLDPE
Lower Geomembrane: 40 mil Textured LLDPE
Seaming Method: Dual Hot-Wedge Weld

Testing Machine: Instron 1123
Testing Speed: 20 in/min

Grips: ATS pneumatic
Specimen Size: 1 in x 8 in

Sample ID: DS-6
Seam: P17/P18
Machine ID: ---

Date Sampled: ---
Welder ID: ---

Specimen Number	Peel Strength						Shear Strength		
	Weld A			Weld B			lb/in	Elongation, %	Rupture Mode
	lb/in	Seam Separation, %	Rupture Mode	lb/in	Seam Separation, %	Rupture Mode			
1	90	---	SE1	79	---	SE1	89	> 2000	both
2	79	---	SE1	91	---	SE1	79	> 2000	both
3	80	---	SE1	80	---	SE1	87	> 2000	both
4	80	---	SE1	76	---	SE1	81	1900	lower
5	78	---	SE1	88	---	SE1	83	> 2000	both
Average	81	---	---	83	---	---	84	---	---

Comments: Tested By: awr
Checked By: fph

Estimate of seam separation visually determined based upon proportion of linear length of separated bond in the direction of the test to the length of original bonding to the nearest 25%.

Shear test halted for HDPE and LMDPE materials once specimen has elongated 50%.

Shear test halted for PVC, fPP, LLDPE, VFPE and VLDPE once specimen has elongated past machine capacity.

Rupture mode for specimens with >50% elongation (HDPE and LMDPE) or > machine capacity (PVC, fPP, LLDPE, VFPE and VLDPE) interpreted as occurring in the membrane that exhibits yielding.



ATLANTIC TESTING LABORATORIES, Limited

DAILY FIELD REPORT

CLIENT: Royal Environmental
 PROJECT: GM Former
IFG Facility
 ATL REP: NAPV WILBUR
 CONTRACTOR: Royal Environmental

DATE: 10-20-03
 REPORT NO.: ST2318N-10-10-03
 TOTAL SQ. FT. INSTALLED: _____
 TOTAL LINEAL SEAM: _____
 MASTER WELDER: _____
 SUPERVISOR: Buss Jackson

WEATHER CONDITIONS

TIME	<u>7⁰⁰</u>	<u>12³⁰</u>	
TEMPERATURE (°F)	<u>40</u>	<u>45</u>	
CONDITIONS	<u>PARTLY cloudy</u>	<u>PARTLY cloudy</u>	
WIND	<u>0-10</u>	<u>0-10</u>	

- Material Receipt: _____
- Subgrade Acceptance: _____
- Panel Deployment: _____
- Panel Seaming: _____
- Air Channel Testing: _____
- Destructive Testing: _____
- Repair: _____
- Vacuum Testing: _____

* Geonposite deployment = p68/p69/p70/p71/p72/p73/p74/p75
p76/p77/p78/p79

ATLANTIC TESTING LABORATORIES, LIMITED

SEAM TESTING RECORD

Client: Boyal Environment
 Project: GM FORMER IEG Facility
 Date: 10-20-03

Job No: ST 2318 N-10-10-03
 ATL Representative: ARLE WILBUR
 Sheet: 1 of 2

Panels Seamed	Test Technician	Air Channel Test				Vacuum Test	Result Pass/Fail	Repair Number	Retest Date
		Start Time	Finish Time	Start Pressure	Finish Pressure				
P67/P7273						OK	PASS	112	10-20
P67/72						OK	PASS	113	
P72,73/74						OK	PASS	114	
P72/74						OK	PASS	115	
P72/74						OK	PASS	116	
P72/74						OK	PASS	117	
P72/74						OK	PASS	118	
P74/75						OK	PASS	119	
P75/77,78						OK	PASS	120	
P75/77						OK	PASS	121	
P75/77						OK	PASS	122	
P75/74,77						OK	PASS	123	

ATLANTIC TESTING LABORATORIES, LIMITED

SEAM TESTING RECORD

Client: BYM Environmental
 Project: GM FORMER IFC Facility
 Date: 10-20-03

Job No: ST 2318N-10-10-03
 ATL Representative: NAEL WILSON
 Sheet: 2 of 2

Panels Seamed	Test Technician	Air Channel Test				Vacuum Test	Result Pass/Fail	Repair Number	Retest Date
		Start Time	Finish Time	Start Pressure	Finish Pressure				
P77/79						OK	PASS	124	10-20
P76/77/79						OK	PASS	125	
P76/79						OK	PASS	126	
P61,68/67						OK	PASS	127	
P68/67,72						OK	PASS	128	
P68/69,70						OK	PASS	129	
P68,70/72						OK	PASS	130	
P70/72,74						OK	PASS	131	
P69,70/71						OK	PASS	132	
P71/74,75						OK	PASS	133	

DAILY FIELD REPORT

CLIENT: ROYAL ENVIRONMENTAL DATE: 10-3-03
 PROJECT: G.M. Former REPORT NO.: ST2318N-01-10-03
IFG Facility
 ATL REP: MARK WILSON (200 PM / 500 PM) TOTAL SQ. FT. INSTALLED:
 CONTRACTOR: ROYAL ENVIRONMENTAL TOTAL LINEAL SEAM: 2053'
 SUB- New England Liner MASTER WELDER:
 SUPERVISOR: RUSS JACOBSON

WEATHER CONDITIONS

TIME	300 PM		
TEMPERATURE (°F)	52° F ✓		
CONDITIONS	cloudy		
WIND	5-10 mph		

- Material Receipt: Shipments arrived 10-1-03, ATL NOT PRESENT
- Subgrade Acceptance: _____
- Panel Deployment: _____
- Panel Seaming: _____
- Air Channel Testing: _____
- Destructive Testing: _____
- Repair: _____
- Vacuum Testing: _____

X Machine - GEOMembrane for fugate printing sample from rolls 8795/9039

Arrived at site @ 2:00 PM as scheduled
 New England Limer Systems ~~has~~ placed panel
 1 to 4/1 prior to my site arrival

ATLANTIC TESTING LABORATORIES, LIMITED

PANEL SEAMING RECORD

Client: ROYAL ENVIRONMENTAL
 Project: 511 FORMEC IFF Facility
 Date: 10-3-03

Job No: ST 2318A-01-10-03
 ATL Representative: MARK WILBUR
 Sheet: 1 of 2

Panels Seamed	Welding Technician	Welding Device	Preheat Temperature	Weld Temperature	Machine Speed	Start Time	Finish Time	Seam Length	Date Tested	Destructive Test No.
P25/P26	N.O.	# 21		750	7.0 ft/min		800	41		
P26/P27	N.O.	# 21					806	41		
P27/P28	N.O.	# 21					815	32		
P28/P29	N.O.	# 21					915	23		
P29/P30	N.O.	# 21					925	23		
P30/P31	N.O.	# 21					911	37		
P31/P32	N.O.	# 21					859	75		DS-2
P32/P33	M.O.	# 22		760	6.3 ft/min		915	97		
P33/P34	M.O.	# 22		760	6.3 ft/min		925	96		
P34/P35	M.O.	# 22		760	6.3 ft/min		945	95		
P35/P36	N.O.	# 21		750	7.0 ft/min		949	92		
P36/P37	N.O.	# 21		750	7.0 ft/min		955	92		DS-3

560

ATLANTIC TESTING LABORATORIES, LIMITED

SEAM TESTING RECORD

Client:
Project:
Date:

Royal Enrolment
GH FORMER IFF FACILITY
10-503

Job No: *ST2318N-01-10-03*
ATL Representative: *Mark Wickbur*
Sheet: *1* of *2*

Panels Seamed	Test Technician	Air Channel Test		Vacuum Test	Result Pass/Fail	Repair Number	Repair Date
		Start Time	Finish Time				
<i>P22/p39</i>	<i>EV</i>	<i>307</i>	<i>312</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P21/p39</i>		<i>350</i>	<i>355</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P20/p39</i>		<i>351</i>	<i>352</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P39/p40</i>		<i>323</i>	<i>328</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P19/p39</i>		<i>358</i>	<i>405</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P19/p39</i>		<i>401</i>	<i>406</i>	<i>30</i>	<i>30</i>	<i>pass</i>	<i>EOS to S'</i>
<i>P18/p39</i>		<i>407</i>	<i>412</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P17/p39</i>		<i>408</i>	<i>415</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P16/p39</i>		<i>415</i>	<i>420</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P15/p39</i>		<i>417</i>	<i>422</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P14/p39</i>		<i>423</i>	<i>428</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P13/p39</i>		<i>429</i>	<i>434</i>	<i>30</i>	<i>30</i>	<i>pass</i>	
<i>P12/p39</i>		<i>432</i>	<i>437</i>	<i>30</i>	<i>30</i>	<i>pass</i>	



ATLANTIC TESTING LABORATORIES, Limited

SUBGRADE ACCEPTANCE FORM

Client: ROYAL ENVIRONMENTAL
Project: G.M. Farmer
IFC Facility
ATL Rep.: MARK NICHOLS

Date: 10-6-03
Report No.: ST2518N-02-10-03
Contractor: ROYAL ENVIRONMENTAL
Installer: NEW ENGLAND LINERS

I hereby state that I have inspected the subgrade surface and find the condition of this subgrade to be acceptable for placement of the geosynthetic clay liner and/or geomembrane liner.

This acceptance is not approval for the contractor meeting the fill and compaction specifications.

Panel Number(s): 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58

Panel Location(s):

Rosell W. Jackson
Installation Contractor

[Signature]
Signature

Supervisor
Title

ATLANTIC TESTING LABORATORIES, LIMITED

PANEL DEPLOYMENT RECORD

Client: Royal Environmental
 Project: SEM former ITC Facility
 Date: 10-2-03

Job No: ST2518N-02-10-03
 ATL Representative: MAIC WILBUR
 Sheet: 1 of 2

Panel Number	Roll Identification	Thickness (mils)	Surface (smooth/textured)	Panel Width (feet)	Panel Length (feet)	Panel Area (feet ²)	Comments
P42	8938	40	Smooth	22 1/2	232	5220	
P43	9048	40	Smooth	22 1/2	350	7425	
P44	9042	40	Smooth	22 1/2	530	11925	
P45	9042	40	Smooth	22 1/2	29	652 1/2	
P46	9042	40	Smooth	22 1/2	555	12487 1/2	
P47	8794	40	Textured	22 1/2	48	1048	
P48	8796	40	Textured	22 1/2	48	1048	
P49	8796	40	Textured	22 1/2	91	2047 1/2	
P50	8796	40	Textured	22 1/2	91	2047 1/2	
P51	8796	40	Textured	22 1/2	85	1912 1/2	
P52	9042	40	Smooth	22 1/2	282	6345	
P53	9051	40	Smooth	22 1/2	276	6210	

2937/500
 = 5.19

ATLANTIC TESTING LABORATORIES, LIMITED

FIELD DESTRUCTIVE TEST RECORD

Client: ROYAL EDWARDS
 Project: GA FORMER IEG FACILITY
 Date: 10-6-83

Job No: ST2518-N-02-10-03
 ATL Representative: MARK WILBUR
 Sheet: 1 of 1

Test Number	Panels Searched	Welding Technician	Test	Parent Material	Test 1 (ppi)	Test 2 (ppi)	Test 3 (ppi)	Test 4 (ppi)	Test 5 (ppi)	Pass/Fail
207 DS-7	P43/P44	N.O. #21	Peel	Weld	69/69	67/66	70/69	71/68	64/69	Pass
			Shear		69	71	67	68	70	Pass
208 DS-8	P44/P46	M.O. #22	Peel		64/67	66/69	68/71	71/71	74/67	Pass
			Shear		71	74	70	69	74	Pass
212 DS-9	P46/P53	N.O. #21	Peel		29/71	71/73	74/68	70/71	71/67	Pass
			Shear		68	69	50	70	67	Pass
			Peel							
			Shear							
			Peel							
			Shear							

Tri-planar geonet MQC – Test results



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000 Order Line: (800) 356-8495
Fax: 410-522-7015 Waste Mgt: (800) US-GRIDS

QUALITY CONTROL SUMMARY
Tenax Triplanar Tendrain 570-2

Date: September 18, 2003
Batch # 1

Project: GM Syracuse

Submitted to:
Jim Magnoli
New England Liner Systems
35 Wooster Court
Bristol, CT 06010

Performance In
Plastic Technology™



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

Table of Contents

Certification and Specification1

Geonet Report and MQC2

Geotextile MQC3

Geocomposite MQC4

TENAX[®]

Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION ONE

CERTIFICATION AND SPECIFICATION

*Performance in
Plastic TechnologySM*



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

RE: GM Syracuse
Tendrain 570-2 (200' x 6.7')
Batch # 1

September 18, 2003

Tenax Corporation certifies per the required frequency the following roll numbers,

0300001 0300002 0300003 0300004 0300005 0300006 0300007 0300008 0300009 0300010
0300011 0300012 0300013 0300014 0300015 0300016 0300017 0300018 0300019 0300020
0300021 0300022 0300023 0300024 0300025 0300026 0300027 0300028 0300029 0300030
0300031 0300032 0300033 0300034 0300035 0300036 0300037 0300038 0300039 0300040
0300041 0300042 0300043 0300044 0300045 0300046 0300047 0300048 0300049 0300050
0300051 0300052 0300053 0300054 0300055 0300056 0300057 0300058 0300059 0300060
0300061 0300062 0300063 0300064 0300065 0300066 0300067 0300068 0300069 0300070
0300071 0300072 0300073 0300074 0300075 0300076 0300077 0300078 0300079 0300080
0300081 0300082 0300083 0300084 0300085 0300086 0300087 0300088 0300089 0300090
0300091 0300092 0300093 0300094 0300095 0300096 0300097 0300098 0300099 0300100
0300101 0300102 0300103 0300104 0300105 0300106 0300107 0300108 0300109 0300110
0300111 0300112 0300113 0300114 0300115 0300116 0300117 0300118 0300119 0300120
0300121 0300122 0300123 0300124 0300125

of Tendrain570-2, to be shipped to the above referenced project are in accordance with the properties listed throughout this submittal showing compliance with the attached specifications. Those rolls were manufactured in accordance with the Tenax Manufacturing Quality Control / Quality Assurance Plan.

This MQC submittal consists of the following sections:

Section 2 contains the geonet Manufacturing Quality Control (MQC); Section 3 entails the MQC on the geotextile used for the manufacture of these geocomposites. Section 4 describes in detail all geocomposites roll numbers, describe their respective geotextile roll numbers and geonet roll numbers, as well as geocomposite transmissivity and peel strength.

Respectfully submitted,

Tim Bauters, Ph.D.
Senior Quality Control Manager

**Performance In
Plastic TechnologySM**

TENDRAIN 570-2

GM Sy NYC

UBLE-SIDED GEOCOMPOSITE

The drainage geocomposite is comprised of a tri-planar geonet structure consisting of thick supporting ribs with diagonally placed top and bottom ribs and with a thermally bonded, non-woven geotextile on both sides. The product is capable of providing high Transmissivity in a soil environment under high normal loads and will have properties conforming with the values and test methods listed below.

PROPERTIES	TEST METHOD	UNIT	VALUE	QUALIFIER
GEONET CORE				
Tensile Strength - MD	ASTM D4595	lb/ft (kN/m)	1000 (14.6)	c, Note 1, 4
Compressive Behavior (% Retained thickness)				
@ 40,000 psf (short term)	ASTM D1621	%	50	a, Note 2, 4
@ 25,000 psf (10,000 hours)		%	65	a, Note 4
Density	ASTM D1505	g/cm ³	0.94	c, Note 4
Melt Flow Index	ASTM D1238	g/10 min.	1.0	d, note 4
Carbon Black Content	ASTM D4218	%	2.0	a, Note 4
Thickness	ASTM D5199	mils (mm)	275 (7.0)	c, Note 3, 4
GEOTEXTILE				
Apparent Opening Size (AOS)	ASTM D4751	US Sieve (mm)	70 (0.21)	b, Note 4
Weight	ASTM D3776	oz/yd ² (g/m ²)	6 (203)	b, Note 4
Water Flow Rate	ASTM D4491	gal/min/ft ² (lpm/m ²)	110 (4483)	b, Note 4
Permeability	ASTM D4491	cm/sec	0.24	b, Note 4
Permittivity	ASTM D4491	sec ⁻¹	1.3	b, Note 4
Puncture Strength	ASTM D4833	lbs (N)	80 (355)	b, Note 4
Trapezoid Tear	ASTM D4533	lbs (N)	65 (290)	b, Note 4
Grab Tensile Strength	ASTM D4632	lbs (N)	160 (712)	b, Note 4
Grab Elongation-MD	ASTM D4632	%	50	b, Note 4
Mullen Burst	ASTM D3786	psi (kPa)	285 (1965)	b, Note 4
Resistance @ 500 Hours	ASTM D4355	%	70	b, Note 4
GEOCOMPOSITE				
Roll Width		ft (m)	6.7 (2.0)	a, Note 5
Roll Length		ft (m)	200 (61)	a, Note 5
Ply Adhesion	ASTM F904 (modified)	lb/in (N/m)	1.0 (175)	c, Note 6
HYDRAULIC BEHAVIOR OF GEOCOMPOSITE				
Transmissivity - MD				c, Notes 7
<u>Gradient/Load:</u>			<u>10,000 psf (480 kPa)</u>	
0.1	ASTM D 4716	m ² /sec	1.5x10 ⁻⁹	

Qualifiers: a = Typical Value b = Minimum Average Roll Value (MARV)
 c = Minimum Average Value d = Maximum Value

NOTES:

- Tensile properties tested by manufacturer every 50,000 square feet of product per ASTM D4595 with a specimen width of 8.0 in. and cross-head speed of 0.4 in/min
- Short term compressive behavior tested by manufacturer every 50,000 square feet of product per ASTM D1621 with a 4 in.x4 in. specimen and a constant rate of strain of 0.04 in./min.
- Thickness measured by manufacturer every 50,000 square feet of product per ASTM D5199 with a 2.22 in. diameter presser foot and 2.9 psi pressure.
- Geotextile and geonet properties listed are prior to lamination. Geotextile is tested at the industry standard frequency.
- Roll dimensions are measured at the time of manufacture.
- Ply Adhesion is tested by the manufacturer every 100,000 sf of production per modified ASTM F904, with a 2 inch wide (5 longitudinal ribs) by 10 inch long strip. The geotextile bonded to either side of the geonet is pulled apart at a peeling rate of 12 in/min., for at least 4 inches of peeling distance. The reported value for each laminated side is the average of the "peak" values from 5 tested samples. The 5 samples are cut evenly distributed along the roll width with a 1 foot margin from both edges of the roll.
- Geocomposite transmissivity measured by manufacturer every 200,000 square feet of product as per ASTM D4716-99 with testing boundary conditions as follows: steel plate / uniform sand / geocomposite / 60 mil HDPE geomembrane / steel plate, and seating period of 100 hours.

TEHAX[®]

Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000

Order Line: (800) 356-8495

Fax: 410-522-7015

Waste Mgt: (800) US-GRIDS

SECTION TWO

GEONET REPORT AND MQC

*Performance In
Plastic TechnologySM*



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: (410) 522-7000 Order Line: (800) 356-8495
Fax: (410) 522-7015 Waste Mgt: (800) US-GRIDS
Web Site: www.tenaxus.com

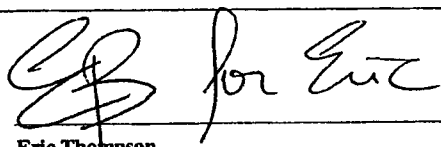
Geonet MQC Test Results

Product TD 5
Project
Lot # Batch 1
Dimensions 6.7' x 1840'
Testing Lab Tenax

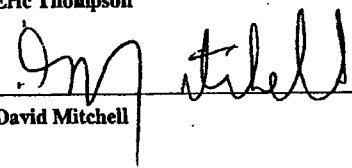
Geonet Roll	Date Tested	Thickness ASTM D5199 (mils)	Density ASTM D1505 (g/cm3)	CarbonBlack ASTM D4218 (%)	MFI ASTM D1238 (g/10min)	Tensile Strength ASTM D4595 (lb/ft)
0300001	1/27/2003	310	0.953	2.54	0.462	1140
0300002	2/4/2003	322	0.951	2.64	0.503	1248
0300005	2/5/2003	297	0.951	2.57	0.501	1140
0300008	2/6/2003	323	0.949	2.50	0.426	1344
0300011	2/7/2003	325	0.949	2.55	0.480	1299
0300015	2/20/2003	302	0.952	2.40	0.419	1296
Average		313	0.951	2.53	0.465	1245
Standard Dev.		12	0.002	0.08	0.036	86
Specifications		275	0.940	2.00	< 1	1000

Compression

Load (psf)	Roll #	Thickness Retained (%)	Specification (%)
40000			50
	0300001	54.00	50
	0300002	60.40	50
	0300005	55.00	50
	0300008	54.00	50
	0300011	53.50	50
	0300015	54.00	50
	Average (Specs)	54.95	50

Tested by 
Eric Thompson

Date 9/18/2003

Checked by 
David Mitchell

Date 9/18/2003



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS


SECTION THREE

GEOTEXTILE MQC

*Performance in
Plastic TechnologySM*

18-Sep

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls
Lot Summary

Reviewed By: 
QA: _____
Engineer: _____

Product Grade: TG600
Lot Number: 30011
Color: BLACK

Roll Dimensions: 7ft 5in x 1020ft

Grab Tensile/Elongation
ASTM D4632

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	M.D. Tens. (lbs)	Elong (%)	Tens. (lbs)	C.D. Elong (%)	M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4633 (lbs)	Trap.Tear ASTM D4533 MD CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permt. Perm.(Kv) (sec-1) (cm/sec)	Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)	
3001242	01/23/2003	6.4	232.0	168.6	275.3	68.1	385.7	122.0	89.5 104.3	73	1.64	0.307	122.6	0.125
3001244	01/23/2003	6.4	268.9	179.8	265.4	61.9	371.4	120.2	93.7 101.4	71				
3001249	01/23/2003	6.4	243.5	175.5	272.2	65.5	390.3	128.9	107.4 97.3	73	1.81	0.296	135.4	0.090
3001258	01/23/2003	6.3	266.8	161.4	286.7	62.8	372.0	120.8	139.1 133.1	75	2.16	0.395	161.8	0.098
3001262	01/23/2003	6.2	274.4	162.1	303.3	61.9	349.7							
3001263	01/23/2003	6.3												
3001271	01/24/2003	6.3	264.3	159.2	280.4	59.9	384.0	125.3	105.6 94.3	70				
3001279	01/24/2003	6.2	255.7	163.4	280.4	67.3	369.5	118.3	103.1 96.5	71				
3001287	01/24/2003	6.4												
3001291	01/24/2003	6.3	278.6	171.8	280.3	65.9	359.0	128.1	116.8 105.0	70				
3001303	01/24/2003	6.3	276.9	164.3	274.5	61.2	344.1	133.3	95.8 94.5	73				
3001315	01/24/2003	6.4	274.2	166.4	297.8	60.6	362.7	120.8	139.1 133.1	75				
3001317	01/24/2003	6.1	264.2	166.1	294.8	63.6	353.6							
3001322	01/27/2003	6.1	242.2	157.8	275.2	54.4	386.7							
Average =		6.3	262.0	166.4	282.2	62.8	369.1	124.6	106.4 103.3	72.0	1.87	0.333	139.9	0.104
Standard Deviation =		.1	15.3	6.6	11.3	3.7	15.5	5.2	15.8 12.8	1.6	.27	0.054	20.0	0.018

18-Sep

Product Grade: TG600

Lot Number: 30013

Color: BLACK

Roll Dimensions: 7R 5in x 1020ft

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama

Nonwoven Test
Rolls

Lot Summary

Reviewed By:

QA:

Engineer:

Page 1 of 3

Grab Tenelle/Elongation
ASTM D4632

Roll No.	Test Date	Weight ASTM D3261 (oz/yd2)	M.D. Tens. (lbs)	Elong (%)	Tens. (lbs)	C.D. Elong (%)	M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap Tear ASTM D4833 MD (lbs)	CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm.(KV) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4761 (mm)	
3001496	01/27/2003	6.5	271.4	149.2	283.1	54.0	404.9	131.6	90.3	102.4	79	1.76	0.300	131.4	0.117
3001499	01/27/2003	6.4	261.6	145.0	285.6	57.3	398.0								
3001504	01/27/2003	6.4	268.4	156.0	271.6	64.2	398.0	122.7	102.3	88.9	70				
3001512	01/27/2003	6.2													
3001514	01/27/2003	6.6	272.7	137.8	285.3	53.8	385.4	121.3	89.3	98.8	75	1.73	0.290	129.3	0.084
3001516	01/27/2003	6.8	272.3	140.9	270.7	53.4	398.9								
3001522	01/28/2003	6.5	274.5	140.3	289.4	60.4	397.1	127.6	105.8	102.5	78				
3001525	01/28/2003	6.2													
3001532	01/28/2003	6.3	269.4	136.7	284.6	55.6	388.4	127.5	97.3	93.7	79				
3001536	01/28/2003	6.4													
3001540	01/28/2003	6.4													
3001544	01/28/2003	6.6	259.0	130.3	285.5	53.0	389.1	129.7	92.5	98.1	74				
3001552	01/28/2003	6.3													
3001557	01/28/2003	6.2	262.4	140.0	281.9	59.9	383.2	128.5	98.2	88.3	72				
3001568	01/28/2003	6.3	254.2	141.7	271.0	54.8	351.6	121.3	97.4	97.4	74				
3001577	01/28/2003	6.2													
3001578	01/28/2003	6.0	259.2	140.1	281.0	55.6	350.3	129.2	101.5	97.4	70	1.83	0.358	137.1	0.097
3001588	01/28/2003	6.4	268.0	144.0	277.4	57.3	375.3	130.1	110.6	99.9	76				
3001596	01/29/2003	6.4	258.1	144.5	283.8	55.8	372.1	127.4	119.9	99.3	75				
3001608	01/29/2003	6.3	253.0	147.1	285.2	55.5	374.1	121.3	102.6	102.3	75				
3001612	01/29/2003	6.1													
3001620	01/29/2003	6.1	256.7	139.4	287.6	56.9	371.9	118.1	109.1	106.7	66				
3001632	01/29/2003	6.0	250.8	137.3	283.2	54.8	383.1	122.2	135.9	103.3	72				
3001642	01/29/2003	6.0	268.2	145.4	281.8	58.6	332.8	122.3	120.8	124.3	68	2.60	0.453	194.5	0.097
3001654	01/29/2003	6.3	247.1	140.0	269.4	57.9	367.1	125.2	118.1	112.4	72				
3001666	01/29/2003	6.2	250.7	133.7	288.5	55.8	367.3	128.2	147.7	140.9	69				
3001678	01/30/2003	6.3	275.2	150.6	270.4	70.1	377.4	130.8	145.0	137.8	73				
3001690	01/30/2003	6.1	249.5	148.3	289.8	69.3	353.3	124.7	154.5	136.5	71				
3001698	01/30/2003	6.1	247.1	143.5	274.7	60.0	348.4	121.1	113.9	118.9	68	2.33	0.441	174.5	0.100
3001710	01/30/2003	6.1	247.7	139.3	261.4	62.2	356.2	120.8	115.0	125.1	71				
3001718	01/30/2003	6.0	245.2	140.5	268.4	62.6	355.7	119.9	113.2	113.9	70				
3001730	01/30/2003	6.4	262.2	157.7	261.0	55.9	343.8	123.6	147.0	134.9	76				
3001742	01/30/2003	6.2	262.9	148.1	271.0	61.9	352.0	122.1	130.6	135.9	70				
3001754	01/30/2003	6.1	274.1	156.3	267.7	61.7	359.7	123.5	128.0	123.1	74	2.75	0.477	205.5	0.110

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls
Lot Summary

18-Sep J
 Product Grade: TG800
 Lot Number: 30013
 Color: BLACK
 Roll Dimensions: 7R 5in x 1020ft

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	Grab Tensile/Elongation ASTM D4632				M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap-Tear ASTM D4533 MD (lbs)	CD (lbs)	Thickness ASTM D5189 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm.(Kv) (sec-1) (cm/sec)	Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)
			Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)								
3001766	01/31/2003	6.0	254.4	159.7	259.8	63.8	357.0	122.9	128.3	131.0	76			
3001771	01/31/2003	6.1												
3001774	01/31/2003	6.3												
3001778	01/31/2003	6.1	260.2	151.3	274.8	63.3	348.4	128.1	84.1	91.8	80			
3001786	01/31/2003	6.5												
3001790	01/31/2003	6.3	250.4	158.9	260.3	67.0	353.0	131.7	91.5	94.7	81			
3001800	01/31/2003	6.3	243.8	152.9	287.6	56.7	373.1	134.6	124.3	126.3	67			
3001812	01/31/2003	6.3	247.4	141.3	277.5	53.3	370.2	125.0	118.9	100.1	76			
3001822	01/31/2003	6.2	268.9	148.2	295.3	57.7	361.2	127.8	107.3	107.7	76	1.71	0.344	127.9
3001834	02/01/2003	6.3	234.9	137.8	274.1	56.8	371.8	129.1	92.1	111.7	80			
3001836	02/01/2003	6.3												
3001846	02/01/2003	6.3	243.5	138.8	269.8	55.2	363.6	121.1	99.1	106.9	78			
3001848	02/01/2003	6.3	272.8	143.8	306.3	59.3	359.3	119.7	102.5	101.0	83	1.80	0.330	134.9
3001850	02/01/2003	6.2	250.7	136.5	253.0	61.6	343.1							
3001857	02/01/2003	6.2	256.8	152.7	255.0	58.3	350.3	124.3	93.6	97.9	65			
3001863	02/01/2003	6.1												
3001868	02/01/2003	6.3	236.8	149.0	249.1	54.0	342.6	120.9	88.1	88.6	67			
3001873	02/01/2003	6.3												
3001876	02/01/2003	6.2	219.5	138.8	247.7	57.1	353.5	111.3	87.1	91.3	75			
3001886	02/01/2003	6.2	222.8	134.6	256.5	53.5	346.7	123.7	99.7	85.6	74	1.81	0.345	128.1
3001897	02/02/2003	6.0	227.3	142.1	244.4	57.1	357.7							
3001898	02/02/2003	6.2	224.5	139.8	246.4	52.1	343.7	128.0	95.7	90.9	76	1.82	0.342	134.7
3001902	02/02/2003	6.1	225.5	140.7	244.2	56.0	356.4	123.8	94.5	94.2	80	1.73	0.348	125.9
3001907	02/02/2003	6.2	238.8	143.4	261.5	57.2	357.6	133.9	94.1	94.4	75	1.79	0.335	133.7
3001910	02/02/2003	6.4	236.3	148.2	255.2	56.5	357.7							
3001919	02/02/2003	6.4	259.7	147.6	253.1	58.0	361.9	115.1	97.1	95.0	73	1.86	0.356	129.6
3001946	02/02/2003	6.1												
3001952	02/02/2003	6.3	251.5	155.1	262.4	59.6	353.2	122.4	97.4	90.7	74			
3001956	02/02/2003	6.1					345.3							
3001962	02/02/2003	6.1	246.0	150.3	252.5	59.3	345.0	123.6	92.3	80.9	74			
3001972	02/02/2003	6.1	260.3	159.3	257.7	56.3	341.5	127.0	109.7	109.8	75	1.75	0.312	130.8
3001976	02/02/2003	6.2												
3001982	02/03/2003	6.2	249.8	160.3	261.9	55.8	362.1	125.8	109.6	94.3	75			
3001990	02/03/2003	6.2	243.8	159.9	257.0	61.6	355.3	122.8	108.4	96.5	72			

18-Sep

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama

Product Grade: TG600

Lot Number: 30013

Color: BLACK

Roll Dimensions: 7ft 5in x 1020ft

Nonwoven Test
Rolls

Lot Summary

Roll No.	Test Date	Weight ASTM D5261 (oz/yd2)	Grab Tensile/Elongation ASTM D4632				M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 MD (lbs)	Trap.Tear ASTM D4533 CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4751 (mm)
			M.D. Tens. (lbs)	M.D. Elong (%)	C.D. Tens. (lbs)	C.D. Elong (%)							
3001998	02/03/2003	6.3											
3001999	02/02/2003	6.3	248.0	147.3	253.9	53.2	348.6	92.6	87.6	1.76	140.2	0.102	
3002000	02/03/2003	6.1											
3002002	02/03/2003	6.4	271.9	164.3	284.2	59.1	357.8	105.1	111.7	2.68	200.6	0.090	
3002012	02/03/2003	6.0	225.6	147.2	261.6	53.6	358.9	98.6	113.7				
3002019	02/03/2003	6.4	253.0	147.7	259.3	60.0	372.4						
Average =			6.2	145.9	267.2	58.1	362.5	108.0	105.6	1.98	147.4	0.105	
Standard Deviation =			.2	14.6	13.4	4.0	16.6	17.3	4.0	.37	28.5	0.009	

Product Grade: TG600

Lot Number: 20134

Color: BLUE

Roll Dimensions: 7ft 5in x 1000ft

Tenax Mfg. A. LC
QA/QC Laboratory
 Evergreen, Alabama
Nonwoven Test
Rolls
Lot Summary

Reviewed By: 

QA: _____

Engineer: _____

Grab Tensile/Elongation
ASTM D4632

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	M.D.		C.D.		M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap Tear ASTM D4533 MD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests		A.O.S. ASTM D4751 (mm)	
			Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)					Permit. (sec-1)	Permit. Perm.(Kv) (cm/sec)		Water Flow (gpm/ft ²)
2017911	10/28/2002	7.4	183.6	131.7	251.6	57.8	347.9	107.2	109.2	96.8	2.10	0.458	157.0	0.093
2017915	10/28/2002	7.7	197.3	125.8	256.7	60.6	366.2							
2017916	10/28/2002	7.0	193.5	134.3	285.1	63.4	340.1	114.5	102.4	104.2				
2017918	10/28/2002	7.5	200.0	128.5	262.5	66.3	346.8							
2017920	10/29/2002													
2017921	10/28/2002	7.7	200.8	121.4	285.1	52.8	351.8	122.6	93.2	119.0				
2017924	10/28/2002	7.8												
2017925	10/29/2002													
2017928	10/28/2002	7.9	229.1	134.8	286.2	59.8	387.9	125.6	100.2	114.0				
2017929	10/29/2002													
2017932	10/28/2002	8.1	232.7	153.8	311.8	66.0	418.9	130.1	132.1	143.1				
2017937	10/28/2002	7.4	218.2	125.2	277.1	65.7	373.9	112.9	122.5	150.5				
2017941	10/28/2002	7.5					375.8							
2017945	10/29/2002	7.2					374.7							
2017947	10/29/2002	7.6	204.7	128.7	270.5	64.6	381.4	118.9	131.6	141.3				
2017951	10/29/2002	7.3	212.0	125.3	269.4	52.5	396.9	123.1	125.4	134.0				
2017955	10/29/2002	7.1	225.1	129.3	286.2	51.1	388.6							
2017959	10/29/2002	7.2					423.6							
2017962	10/29/2002	7.4												
2017963	10/29/2002	7.7	215.7	137.7	285.1	60.7	385.8	117.3	111.0	102.0				
2017967	10/29/2002	7.8												
2017968	10/29/2002													
2017971	10/29/2002	7.3												
2017975	10/29/2002	7.5	222.1	139.7	285.8	63.7	388.6	128.3	97.8	104.0				
2017977	10/29/2002	7.8												
2017979	10/29/2002	7.4												
2017983	10/29/2002	7.7	210.0	141.4	273.0	62.8	385.2	124.9	91.1	102.4				
2017987	10/29/2002	7.5	200.2	130.3	294.5	67.9	402.1	119.7	110.9	113.3				
2017996	10/29/2002	7.8	197.4	127.8	246.9	60.8	407.1							
Average =		7.5	206.9	132.2	276.1	61.0	381.2	120.4	110.6	118.7	2.15	0.455	181.1	0.098
Standard Deviation =		.3	14.0	8.0	16.1	5.2	23.5	6.7	14.4	18.7	.29	0.066	21.6	0.006



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION FOUR
GEOCOMPOSITE MQC

*Performance in
Plastic Technology™*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Tendrin 570-2
 JOB: GM Syracuse (Fisher Guide)
 Batch: 1

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Roll Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4716 Transmissivity (m2/sec) Value
0300001	0300002	2017972	2018489	200	1.25	1.50	1	2.00 x 10 ⁻⁴ (1.50 x 10 ⁻⁴)
0300002	0300002	2017972	2018489	200				
0300003	0300002	2017929	2018489	200				
0300004	0300002	2017929	2018489	200				
0300005	0300002	2017929	2017931	200				
0300006	0300002	2017929	2017931	200				
0300007	0300002	2017985	2017931	200				
0300008	0300002	2017985	2017985	200				
0300009	0300003	2017985	2017984	200				
0300010	0300003	2017985	2017984	200				
0300011	0300003	2017985	2017984	200				
0300012	0300003	2017985	2017984	200				
0300013	0300003	2017984	2017984	200				
0300014	0300003	2017984	2017984	200				
0300015	0300003	2017984	2017984	200				
0300016	0300003	2017984	2017984	200				
0300017	0300004	2017984	2017984	200				
0300018	0300004	2017954	2017980	200				
0300019	0300004	2017954	2017980	200				
0300020	0300004	2017954	2017980	200				
0300021	0300004	2017954	2017980	200				
0300022	0300004	2017954	2017980	200				
0300023	0300004	2017995	2017980	200				
0300024	0300004	2017995	2017970	200				
0300025	0300004	2017995	2017970	200				
0300026	0300007	2017995	2017970	200				
0300027	0300027	2017995	2017970	200				
0300028	0300007	2017995	2017968	200				
0300029	0300007	2017995	2017968	200				
0300030	0300007	2017995	2017968	200				
0300031	0300007	2017995	2017968	200				
0300032	0300007	2017995	2017968	200				
0300033	0300007	2017987	2017968	200				
0300034	0300007	2017987	2017968	200				
0300035	0300007	2017987	2017968	200				
0300036	0300006	2017987	2017968	200				
0300037	0300006	2017987	2017968	200				
0300038	0300006	2017985	2017971	200				
0300039	0300006	2017985	2017971	200				
0300040	0300006	2017985	2017971	200				
0300041	0300006	2017985	2017971	200				
0300042	0300006	2017987	2017973	200				
0300043	0300006	2017987	2017973	200				
0300044	0300001	2017987	2017973	200				
0300045	0300001	2017987	2017973	200				
0300046	0300001	2017987	2017973	200				

* a confining pressure of 10000 per at a gradient of .10 with water at 20 degrees C with boundary conditions of plate/ uniform sand/composite/ 60 mil HDPE/plate and a seating time of 100 hours

Tested by: *[Signature]*
 Checked by: *[Signature]*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Tendrain 570-2
 GM Synchase (Fisher Guide)
 Batch: 1

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Roll Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4716 Transmissivity* (m2/sec) Value (required transmissivity)
0300047	0300001	2017987	2017973	200				
0300048	0300001	2017982	2017974	200				
0300049	0300001	2017982	2017974	200				
0300050	0300001	2017982	2017974	200				
0300051	0300001	2017982	2017974	200				
0300052	0300001	2017982	2017974	200				
0300053	0300005	2017986	2017986	200				
0300054	0300005	2017986	2017986	200				
0300055	0300005	2017986	2017986	200				
0300056	0300005	2017986	2017986	200				
0300057	0300005	2017976	2017976	200				
0300058	0300005	2017976	2017976	200				
0300059	0300011	2017976	2017928	200				
0300060	0300011	2017976	2017928	200				
0300061	0300011	2017986	2017986	200				
0300062	0300011	2017986	2017986	200				
0300064	0300011	2017986	2017986	200				
0300065	0300011	2017986	2017986	200				
0300066	0300011	2017983	2017969	200				
0300067	0300011	2017983	2017969	200				
0300068	0300009	2017963	2017968	200				
0300069	0300009	2017963	2017968	200				
0300070	0300009	2017963	2017968	200				
0300071	0300009	3001286	3001286	200				
0300072	0300009	3001286	3001286	200				
0300073	0300009	3001286	3001286	200				
0300074	0300009	3001286	3001286	200				
0300075	0300009	3001286	3001286	200				
0300076	0300009	3001274	3001647	200				
0300077	0300010	3001274	3001647	200				
0300078	0300010	3001274	3001647	200				
0300079	0300010	3001274	3001647	200				
0300080	0300010	3001252	3001649	200				
0300081	0300010	3001252	3001649	200				
0300082	0300010	3001252	3001683	200				
0300083	0300008	3001700	3001683	200				
0300084	0300008	3001700	3001683	200				
0300085	0300008	3001700	3001683	200				
0300086	0300008	3001700	3001683	200				
0300087	0300008	3001712	3001689	200				
0300088	0300008	3001712	3001689	200				
0300089	0300008	3001712	3001689	200				
0300090	0300013	3001712	3001689	200				
0300091	0300013	3001712	3001689	200				
0300092	0300013	3001681	3001732	200				
0300093	0300013	3001681	3001732	200				

1.25

1.30

1

EP for Eutz

Tested by.....
 Checked by.....

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT : Tendrin 570-2
 JOB : GM Syracuse (Fisher Guide)
 Batch : 1

COMPOSITE #	NET #	Top		Roll Length (FT)	Bottom		Top		Bottom		ASTM D 4716 Transmissivity (m2/sec) Value (required transmissivity)
		TEXTILE #	TEXTILE #		ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (avg.)			
0300084	0300013	3001681	3001732	200	3001681	3001732	200				
0300085	0300013	3001681	3001732	200	3001681	3001732	200				
0300086	0300013	3001681	3001732	200	3001681	3001732	200				
0300087	0300013	3001271	3001281	200	3001271	3001281	200				
0300088	0300013	3001271	3001281	200	3001271	3001281	200				
0300089	0300014	3001271	3001281	200	3001271	3001281	200				
0300100	0300014	3001271	3001281	200	3001271	3001281	200				
0300101	0300014	3001308	3001645	200	3001308	3001645	200				
0300102	0300014	3001308	3001645	200	3001308	3001645	200				
0300103	0300014	3001308	3001645	200	3001308	3001645	200				
0300104	0300014	3001308	3001645	200	3001308	3001645	200				
0300105	0300014	3001308	3001645	200	3001308	3001645	200				
0300106	0300014	3001308	3001645	200	3001308	3001645	200				
0300107	0300014	3001633	3001630	200	3001633	3001630	200				
0300108	0300015	3001633	3001630	200	3001633	3001630	200				
0300109	0300015	3001633	3001630	200	3001633	3001630	200				
0300110	0300015	3001265	3001250	200	3001265	3001250	200				
0300111	0300015	3001265	3001250	200	3001265	3001250	200				
0300112	0300015	3001265	3001250	200	3001265	3001250	200				
0300113	0300015	3001265	3001250	200	3001265	3001250	200				
0300114	0300015	3001662	3001631	200	3001662	3001631	200				
0300115	0300012	3001662	3001631	200	3001662	3001631	200				
0300116	0300012	3001662	3001631	200	3001662	3001631	200				
0300117	0300012	3001662	3001631	200	3001662	3001631	200				
0300118	0300012	3001662	3001631	200	3001662	3001631	200				
0300119	0300012	3001267	3001267	200	3001267	3001267	200				
0300120	0300012	3001267	3001267	200	3001267	3001267	200				
0300121	0300012	3001267	3001267	200	3001267	3001267	200				
0300122	0300012	3001267	3001267	200	3001267	3001267	200				
0300123	0300012	3001267	3001267	200	3001267	3001267	200				
0300124	0300016	3001279	3001284	200	3001279	3001284	200				
0300125	0300016	3001279	3001284	200	3001279	3001284	200				

SP for Eric

Tested by.....
 Checked by.....



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000

Order Line: (800) 358-8495

Fax: 410-522-7015

Waste Mgt: (800) US-GRIDS

QUALITY CONTROL SUMMARY
Tenax Triplanar Tendrain 570-2

Date: September 22, 2003
Batch # 2

Project: GM Syracuse

Submitted to:
Jim Magnoli
New England Liner Systems
35 Wooster Court
Bristol, CT 06010

Performance In
Plastic TechnologySM



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

Table of Contents

Certification and Specification	1
Geonet Report and MQC	2
Geotextile MQC	3
Geocomposite MQC	4

TENAX[®]

Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000

Order Line: (800) 356-8495

Fax: 410-522-7015

Waste Mgt: (800) US-GRIDS

SECTION ONE

CERTIFICATION AND SPECIFICATION

*Performance In
Plastic TechnologySM*



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000

Order Line: (800) 356-8495

Fax: 410-522-7015

Waste Mgt: (800) US-GRIDS

RE: GM Syracuse
Tendrain 570-2 (200' x 6.7')
Batch # 2

September 22, 2003

Tenax Corporation certifies per the required frequency the following roll numbers,

0300301	0300302	0300303	0300304	0300305	0300306	0300307	0300308	0300309
0300311	0300312	0300313	0300314	0300315	0300316	0300317	0300318	0300319
0300321	0300322	0300323	0300324	0300325	0300326	0300327	0300328	0300329
0300331	0300332	0300333	0300334	0300335	0300336	0300337	0300338	0300339
0300341	0300342	0300343	0300344	0300345	0300346	0300347	0300348	0300349
0300351	0300352	0300353	0300354	0300355	0300356	0300357	0300358	0300359
0300361	0300362	0300363	0300364					

of Tendrain570-2, to be shipped to the above referenced project are in accordance with the properties listed throughout this submittal showing compliance with the attached specifications. Those rolls were manufactured in accordance with the Tenax Manufacturing Quality Control / Quality Assurance Plan.

This MQC submittal consists of the following sections:

Section 2 contains the geonet Manufacturing Quality Control (MQC); Section 3 entails the MQC on the geotextile used for the manufacture of these geocomposites. Section 4 describes in detail all geocomposites roll numbers, describe their respective geotextile roll numbers and geonet roll numbers, as well as geocomposite transmissivity and peel strength.

Respectfully submitted,

Tim Bauters, Ph.D.
Senior Quality Control Manager

Performance in
Plastic TechnologySM

G.M. Sy, NYC

TENDRAIN 570-2

UBLE-SIDED GEOCOMPOSITE

The drainage geocomposite is comprised of a tri-planar geonet structure consisting of thick supporting ribs with diagonally placed top and bottom ribs and with a thermally bonded, non-woven geotextile on both sides. The product is capable of providing high Transmissivity in a soil environment under high normal loads and will have properties conforming with the values and test methods listed below.

PROPERTIES	TEST METHOD	UNIT	VALUE	QUALIFIER
GEONET CORE				
Tensile Strength - MD	ASTM D4595	lb/ft (kN/m)	1000 (14.6)	c, Note 1, 4
Compressive Behavior (% Retained thickness)				
@ 40,000 psf (short term)	ASTM D1621	%	50	a, Note 2, 4
@ 25,000 psf (10,000 hours)		%	65	a, Note 4
Density	ASTM D1505	g/cm ³	0.94	c, Note 4
Melt Flow Index	ASTM D1238	g/10 min.	1.0	d, note 4
Carbon Black Content	ASTM D4218	%	2.0	a, Note 4
Thickness	ASTM D5199	mils (mm)	275 (7.0)	c, Note 3, 4
GEOTEXTILE				
Apparent Opening Size (AOS)	ASTM D4751	US Sieve (mm)	70 (0.21)	b, Note 4
Weight	ASTM D3776	oz/yd ² (g/m ²)	6 (203)	b, Note 4
Water Flow Rate	ASTM D4491	gal/min/ft ² (lpm/m ²)	110 (4483)	b, Note 4
Permeability	ASTM D4491	cm/sec	0.24	b, Note 4
Permittivity	ASTM D4491	sec ⁻¹	1.3	b, Note 4
Puncture Strength	ASTM D4833	lbs (N)	80 (355)	b, Note 4
Trapezoid Tear	ASTM D4533	lbs (N)	65 (290)	b, Note 4
Grab Tensile Strength	ASTM D4632	lbs (N)	160 (712)	b, Note 4
Grab Elongation-MD	ASTM D4632	%	50	b, Note 4
Mullen Burst	ASTM D3786	psi (kPa)	285 (1965)	b, Note 4
Resistance @ 500 Hours	ASTM D4355	%	70	b, Note 4
GEOCOMPOSITE				
Roll Width		ft (m)	6.7 (2.0)	a, Note 5
Roll Length		ft (m)	200 (61)	a, Note 5
Ply Adhesion	ASTM F904 (modified)	lb/in (N/m)	1.0 (175)	c, Note 6
HYDRAULIC BEHAVIOR OF GEOCOMPOSITE				
Transmissivity - MD				c, Notes 7
<u>Gradient/Load:</u>			10,000 psf (480 kPa)	
0.1	ASTM D 4716	m ² /sec	1.5x10 ⁻⁹	
Qualifiers: a = Typical Value			b = Minimum Average Roll Value (MARV)	
c = Minimum Average Value			d = Maximum Value	

NOTES:

- Tensile properties tested by manufacturer every 50,000 square feet of product per ASTM D4595 with a specimen width of 8.0 in. and cross-head speed of 0.4 in./min
- Short term compressive behavior tested by manufacturer every 50,000 square feet of product per ASTM D1621 with a 4 in.x4 in. specimen and a constant rate of strain of 0.04 in./min.
- Thickness measured by manufacturer every 50,000 square feet of product per ASTM D5199 with a 2.22 in. diameter presser foot and 2.9 psi pressure.
- Geotextile and geonet properties listed are prior to lamination. Geotextile is tested at the industry standard frequency.
- Roll dimensions are measured at the time of manufacture.
- Ply Adhesion is tested by the manufacturer every 100,000 sf of production per modified ASTM F904, with a 2 inch wide (5 longitudinal ribs) by 10 inch long strip. The geotextile bonded to either side of the geonet is pulled apart at a peeling rate of 12 in./min., for at least 4 inches of peeling distance. The reported value for each laminated side is the average of the "peak" values from 5 tested samples. The 5 samples are cut evenly distributed along the roll width with a 1 foot margin from both edges of the roll.
- Geocomposite transmissivity measured by manufacturer every 200,000 square feet of product as per ASTM D4716-99 with testing boundary conditions as follows: steel plate / uniform sand / geocomposite / 60 mil HDPE geomembrane / steel plate, and seating period of 100 hours.

TENAX[®]

Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION TWO

GEONET REPORT AND MQC

*Performance in
Plastic TechnologySM*



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: (410) 522-7000 Order Line: (800) 358-8495
Fax: (410) 522-7015 Waste Mgt: (800) US-GRDS
Web Site: www.tenaxus.com

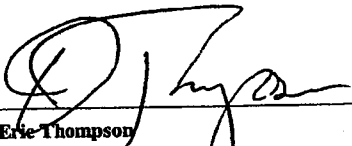
Geonet MQC Test Results

Product TD 5
Project
Lot # Batch 2
Dimensions 6.7' x 1840'
Testing Lab Tenax

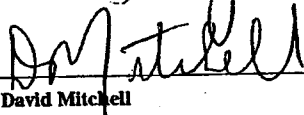
	Geonet Roll	Date Tested	Thickness ASTM D5199 (mils)	Density ASTM D1505 (g/cm3)	CarbonBlack ASTM D4218 (%)	MFI ASTM D1238 (g/10min)	Tensile Strength ASTM D4595 (lb/ft)
	0300057	8/28/2003	309	0.954	2.90	0.650	1411
	0300060	8/29/2003	310	0.954	2.80	0.650	1420
	0300063	8/30/2003	312	0.954	2.74	0.650	1417
Average			310	0.954	2.81	0.650	1416
Standard Dev.			2	0.000	0.08	0.000	5
Specifications			275	0.940	2.00	< 1	1000

Compression

Load (psf)	Roll #	Thickness Retained (%)	Specification (%)
40000			50
	0300057	52.40	50
	0300060	53.10	50
	0300063	51.50	50

Tested by 
Eric Thompson

Date 9/22/2003

Checked by 
David Mitchell

Date 9/22/2003



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION THREE

GEOTEXTILE MQC

*Performance In
Plastic TechnologySM*

83-Mar-2003

Product Grade: T0800

Lot Number: 30013

Color: BLACK

Roll Dimensions: 71.5m x 1020R

Tenax Mfg. AL LLC
QA/QC Laboratory
Evergreen, Alabama

Nonwoven Test
Rolls

Lot Summary

Reviewed By:

QA/QC

Engineer:

Grab Tensile/Elongation
ASTM D4832

Roll No.	Test Date	Weight ASTM D6261 (eachyd)	M.D. Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)	C.D. Tens. (lbs)	Elong (%)	M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap Tear ASTM D4533 MD (lbs)	Trap Tear ASTM D4533 CD (lbs)	Thickness ASTM D6199 (mils)	Hydraulic Tests Permil Perm.(KV) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4751 (mm)	
3001488	01/27/2003	6.5	271.4	149.2	263.1	54.0	263.1	54.0	404.9	131.6	90.3	102.4	70	1.76	0.300	131.4	0.117
3001489	01/27/2003	6.4	261.6	145.0	265.6	57.3	265.6	57.3	398.0	122.7	102.3	88.9	70	1.73	0.290	129.3	0.094
3001504	01/27/2003	6.4	268.4	156.0	271.6	64.2	271.6	64.2	398.0	127.5	105.8	102.5	78	2.60	0.453	184.5	0.097
3001512	01/27/2003	6.2	272.7	137.8	265.3	53.8	265.3	53.8	395.4	121.3	89.3	96.8	75	1.83	0.358	137.1	0.097
3001514	01/27/2003	6.5	272.3	140.9	270.7	53.4	270.7	53.4	398.9	127.5	102.6	102.3	75	2.33	0.441	174.5	0.100
3001522	01/28/2003	6.5	274.5	140.3	268.4	60.4	268.4	60.4	397.1	127.5	97.3	93.7	79	2.75	0.477	208.5	0.110
3001525	01/28/2003	6.2	269.4	136.7	264.8	53.8	264.8	53.8	398.4	128.7	92.5	98.1	74	1.83	0.358	137.1	0.097
3001532	01/28/2003	6.3	269.0	130.3	265.5	53.0	265.5	53.0	399.1	128.7	92.5	98.1	74	1.83	0.358	137.1	0.097
3001536	01/28/2003	6.4	262.4	140.0	261.9	59.9	261.9	59.9	363.2	128.5	98.2	86.3	72	2.60	0.453	184.5	0.097
3001544	01/28/2003	6.4	254.2	141.7	271.0	54.8	271.0	54.8	351.6	121.3	97.4	97.4	74	2.60	0.453	184.5	0.097
3001552	01/28/2003	6.3	269.2	140.1	261.0	55.6	261.0	55.6	390.3	129.2	101.5	97.4	70	1.83	0.358	137.1	0.097
3001557	01/28/2003	6.2	268.0	144.0	277.4	57.3	277.4	57.3	375.3	130.1	110.6	99.9	76	2.60	0.453	184.5	0.097
3001568	01/28/2003	6.4	258.1	144.6	253.8	55.6	253.8	55.6	372.1	127.4	119.9	99.3	75	2.60	0.453	184.5	0.097
3001609	01/28/2003	6.3	263.0	147.1	265.2	56.5	265.2	56.5	374.1	121.3	102.6	102.3	75	2.60	0.453	184.5	0.097
3001612	01/28/2003	6.1	258.7	139.4	267.6	56.9	267.6	56.9	371.9	116.1	109.1	106.7	86	2.60	0.453	184.5	0.097
3001620	01/28/2003	6.1	250.8	137.3	263.2	54.8	263.2	54.8	363.1	122.2	135.9	103.3	72	2.60	0.453	184.5	0.097
3001632	01/29/2003	6.0	269.2	145.4	261.8	58.6	261.8	58.6	332.8	122.3	120.8	124.3	68	2.60	0.453	184.5	0.097
3001642	01/29/2003	6.0	247.1	140.0	268.4	57.9	268.4	57.9	367.1	125.2	116.1	112.4	72	2.60	0.453	184.5	0.097
3001654	01/29/2003	6.3	290.7	133.7	266.5	55.6	266.5	55.6	367.3	126.2	147.7	140.9	69	2.60	0.453	184.5	0.097
3001668	01/29/2003	6.2	275.2	150.6	270.4	70.1	270.4	70.1	377.4	130.8	145.0	137.6	73	2.60	0.453	184.5	0.097
3001676	01/30/2003	6.3	249.5	146.3	268.8	60.3	268.8	60.3	353.3	124.7	154.8	136.5	71	2.60	0.453	184.5	0.097
3001690	01/30/2003	6.1	247.1	143.5	274.7	60.0	274.7	60.0	348.4	121.1	113.9	118.9	68	2.60	0.453	184.5	0.097
3001698	01/30/2003	6.1	247.7	139.3	261.4	62.2	261.4	62.2	369.2	120.6	115.0	123.1	71	2.60	0.453	184.5	0.097
3001710	01/30/2003	6.0	245.2	140.5	268.4	62.6	268.4	62.6	355.7	119.9	147.0	134.9	70	2.60	0.453	184.5	0.097
3001718	01/30/2003	6.4	262.2	157.7	261.0	55.9	261.0	55.9	343.6	123.6	130.6	136.9	70	2.60	0.453	184.5	0.097
3001730	01/30/2003	6.4	262.9	148.1	271.0	61.9	271.0	61.9	352.0	122.1	130.6	136.9	70	2.60	0.453	184.5	0.097
3001742	01/30/2003	6.2	274.1	150.3	267.7	61.7	267.7	61.7	359.7	123.5	128.0	123.1	74	2.60	0.453	184.5	0.097
3001754	01/30/2003	6.1	274.1	150.3	267.7	61.7	267.7	61.7	359.7	123.5	128.0	123.1	74	2.60	0.453	184.5	0.097

83-Mar-2003

Product Grade: TG500

Lot Number: 30013

Color: BLACK

Roll Dimensions: 78.5in x 1020R

Tenex Mfg. AL LLC
QA/QC Laboratory
Evergreen, Alabama


Nonwoven Test
Rolls

Lot Summary

Grab Tensile/Elongation
ASTM D4832

Roll No.	Test Date	Weight ASTM D9281 (each)	M.D. Tens. (lbs)	M.D. Elong (%)	C.D. Tens. (lbs)	C.D. Elong (%)	M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trip Tear ASTM D4333 MD (lbs)	Trip Tear ASTM D4333 CD (lbs)	Thickness ASTM D6199 (mils)	Hydraulic Tests Permitt. Perm.(KV) (sec-1) (cm/sec)	Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)
3001978	02/02/2003	6.2												
3001982	02/03/2003	6.2	249.8	160.3	281.9	55.8	382.1	125.8	109.6	94.3	75			
3001980	02/03/2003	6.2	243.8	159.9	257.0	61.5	355.3	122.8	108.4	98.5	72			
3001988	02/03/2003	6.3												
3002000	02/03/2003	6.1												
3002002	02/03/2003	6.4	271.9	184.3	264.2	58.1	357.8	120.3	105.1	111.7	73	2.88	0.455	0.080
3002012	02/03/2003	6.0	225.6	147.2	261.8	53.5	358.9	122.0	98.6	111.7	70			
3002019	02/03/2003	6.4	253.0	147.7	299.3	60.0	372.4							
Average =		6.3	254.0	148.1	288.0	58.3	362.7	124.5	108.5	106.2	73.5	2.07	0.372	0.104
Standard Deviation =		.2	13.8	7.9	13.0	3.9	16.5	4.8	17.4	18.7	4.0	.43	0.070	0.011

Tenax Mfg. A. LC
QA/QC Laboratory
Evergreen, Alabama

Reviewed By: 

QA: _____

Engineer: _____

Color: BLACK

Roll Dimensions: 7 1/2 in x 1020ft

Nonwoven Test

Rolls

Lot Summary

Grab Tensile/Elongation
ASTM D4632

Roll No.	Test Date	Weight ASTM D5261 (oz/yd2)	M.D. Tens. (lbs)	Elong (%)	Tens. (lbs)	C.D. Elong (%)	M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4633 (lbs)	Trap Tear ASTM D4533 MD (lbs)	CD (lbs)	Thickness ASTM D5199 (milis)	Hydraulic Tests Permitt. Perm.(Kv) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4751 (mm)	
3011064	08/25/2003	6.7	234.2	117.3	230.5	56.5	346.0	124.5	84.4	78.6	81	1.12	0.193	84.1	0.081
3011067	08/25/2003	6.4	239.1	103.8	233.7	51.5	345.5	127.5	80.8	83.4	76	1.14	0.214	85.1	0.079
3011068	08/25/2003	6.3	251.3	104.1	241.6	51.3	354.0	125.3	85.1	89.3	80	2.57	0.520	165.0	
3011078	08/25/2003	6.5	223.9	107.3	228.3	57.9	332.0	114.5	83.7	85.8	78	2.49	0.510	159.4	
3011090	08/26/2003	6.3	241.3	128.0	221.7	57.3	333.0	124.3	94.2	86.7	79	2.28	0.490	146.4	
3011102	08/26/2003	6.5	257.6	113.9	222.5	56.6	334.5	124.4	106.7	82.9	74	2.50	0.460	160.0	
3011114	08/26/2003	6.6	234.8	113.8	219.5	58.8	328.5	124.5	83.4	81.7	76	1.53	0.268	114.4	0.080
3011124	08/26/2003	6.7	241.0	116.9	226.7	58.3									
3011126	08/26/2003	6.5	251.3	125.8	241.9	56.8	344.0	124.4	85.3	77.6	74	1.75	0.303	131.1	0.081
3011130	08/26/2003	6.4	255.0	118.0	228.5	52.1	357.0								
3011132	08/26/2003	6.4	263.4	129.9	229.3	59.6	341.0	122.5	82.6	84.0	74				
3011142	08/26/2003	6.7	254.5	134.3	239.2	63.6	336.0	117.5	86.5	80.4	71				
3011154	08/27/2003	6.5	260.3	137.4	229.7	69.5	347.0	122.5	88.9	85.5	68				
3011166	08/27/2003	6.2	246.0	144.7	226.2	66.0	340.5	112.1	85.2	106.7	71				
3011178	08/27/2003	6.3	264.4	151.9	232.2	66.1	331.5	121.6	86.3	95.4	73	1.57	0.318	117.7	0.082
3011190	08/27/2003	6.6	254.3	150.8	244.9	66.2	332.0	120.5	114.8	103.0	76				
3011203	08/27/2003	6.3	234.2	139.1	235.1	60.4	327.0	121.7	105.3	95.7	69				
3011216	08/27/2003	6.3	247.1	122.4	213.4	64.9	332.0	121.4	122.9	98.6	71				
3011228	08/28/2003	6.4	245.7	121.9	221.7	67.6	350.0	121.4	112.9	93.5	67	1.42	0.244	106.5	0.080
3011240	08/28/2003	6.1	231.7	122.0	232.0	64.7	333.0	112.6	90.9	106.8	71				
3011250	08/28/2003	6.2	244.6	120.9	214.2	60.4	332.0	113.6	116.2	112.0	74				
3011262	08/28/2003	6.3	250.5	120.2	223.7	59.2									
3011284	08/29/2003	6.2	227.5	119.4	233.2	52.0									

Average =	6.4	245.8	124.5	229.2	59.8	340.6	120.9	95.2	90.9	73.7	1.84	0.352	127.0	0.081
Standard Deviation =	.2	11.3	13.4	8.3	5.5	12.4	4.6	13.7	10.4	3.6	.57	0.129	30.3	0.001



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION FOUR

GEOCOMPOSITE MQC

*Performance in
Plastic TechnologySM*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Teromah 570-2
 JOB: GM Syracuse (Fisher Guide)
 Batch: 2

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Feel Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (reqd.)	ASTM D 4716 Transmissivity (m ² /sec) Value
0300301	0300059	3001674	3001687	200	1.14	1.27	1	2.10 x 10 ⁻⁴ (1.50 x 10 ⁻⁴)
0300302	0300059	3001674	3001687	200				
0300303	0300059	3001674	3001687	200				
0300304	0300059	3001674	3001687	200				
0300305	0300059	3001697	3001751	200				
0300306	0300059	3001697	3001751	200				
0300307	0300059	3001697	3001751	200				
0300308	0300059	3001697	3001751	200				
0300309	0300059	3001697	3001751	200				
0300310	0300058	3001971	3001738	200				
0300311	0300058	3001971	3001738	200				
0300312	0300058	3001971	3001738	200				
0300313	0300058	3001971	3001738	200				
0300314	0300058	3001820	3001825	200				
0300315	0300058	3001820	3001825	200				
0300316	0300058	3001820	3001825	200				
0300317	0300058	3001820	3001825	200				
0300318	0300058	3001820	3001825	200				
0300319	0300058	3001820	3001825	200				
0300320	0300063	3011172	3011186	200				
0300321	0300063	3011172	3011186	200				
0300322	0300063	3011172	3011186	200				
0300323	0300063	3011172	3011186	200				
0300324	0300063	3011172	3011186	200				
0300325	0300063	3011172	3011186	200				
0300326	0300063	3011172	3011186	200				
0300327	0300063	3011177	3011175	200				
0300328	0300063	3011177	3011175	200				
0300329	0300063	3011177	3011175	200				
0300330	0300063	3011177	3011175	200				
0300331	0300060	3011173	3011183	200				
0300332	0300060	3011173	3011183	200				
0300333	0300060	3011173	3011183	200				
0300334	0300060	3011173	3011183	200				
0300335	0300060	3011173	3011183	200				
0300336	0300060	3011168	3011187	200				
0300337	0300060	3011168	3011187	200				
0300338	0300060	3011168	3011187	200				
0300339	0300060	3011168	3011187	200				
0300340	0300060	3011168	3011178	177				
0300341	0300061	3011168	3011176	200				
0300342	0300061	3011168	3011176	200				
0300343	0300061	3011168	3011178	200				
0300344	0300061	3011168	3011178	200				
0300345	0300061	3011168	3011178	200				
0300346	0300061	3011168	3011178	200				

* a confining pressure of 10000 psf at a gradient of .10 with water at 20 degrees C with boundary conditions of plated uniform sand/composite/80 mil HDPE/plate and a setting time of 100 hours

Tested by: *[Signature]*
 Checked by: *[Signature]*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Tendrain 570-2
 GM Syracuse (Fisher Guide)
 Batch: 2

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Roll Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4716 Transmissivity* (m2/sec) Value
0300347	0300081	3011189	3011178	200				
0300348	0300082	3011189	300394	150				
0300349	0300082	3011170	300394	200				
0300350	0300082	3011170	300394	200				
0300351	0300082	3011170	300394	200				
0300352	0300082	3011170	300394	200				
0300353	0300082	3011170	300394	200				
0300354	0300082	3011189	300394	180				
0300355	0300082	3011189	300394	200				
0300356	0300082	3011188	3011174	200				
0300357	0300057	3011188	3011174	200				
0300358	0300057	3011188	3011174	200				
0300359	0300057	3011188	3011174	200				
0300360	0300057	3011180	3001251	200				
0300361	0300057	3011180	3001251	150				
0300362	0300057	3011180	3001251	200				
0300363	0300057	3011180	3001251	200				
0300364	0300057	3011089	3011107	200				

Tested by: *BT*
 Checked by: *BM*



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

QUALITY CONTROL SUMMARY

Tenax Triplanar Tendrain 570-2

Date: September 23, 2003
Batch # 3

Project: GM Syracuse

Submitted to:
Jim Magnoli
New England Liner Systems
35 Wooster Court
Bristol, CT 06010

Performance In
Plastic TechnologySM



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

Table of Contents

Certification and Specification	1
Geonet Report and MQC	2
Geotextile MQC	3
Geocomposite MQC	4



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION ONE

CERTIFICATION AND SPECIFICATION

**Performance In
Plastic TechnologySM**



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015

Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

RE: GM Syracuse
Tendrain 570-2 (200' x 6.7')
Batch # 3

September 23, 2003

Tenax Corporation certifies per the required frequency the following roll numbers,

0300501 0300502 0300503 0300504 0300505 0300506 0300507 0300508 0300509 0300510
0300511 0300512 0300513 0300514 0300515 0300516 0300517 0300518 0300519 0300520
0300521 0300522 0300523 0300524 0300525 0300526 0300527 0300528 0300529 0300530
0300531 0300532 0300533 0300534 0300535 0300536 0300537 0300538 0300539 0300540
0300541 0300542 0300543 0300544 0300545 0300546 0300547 0300548 0300549 0300550
0300551 0300552 0300553 0300554 0300555 0300556 0300557 0300558 0300559 0300560
0300561 0300562 0300563 0300564 0300565 0300566 0300567 0300568 0300569 0300570
0300571 0300572 0300573 0300574 0300575 0300576 0300577 0300578 0300579 0300580
0300581 0300582 0300583 0300584 0300585 0300586 0300587 0300588 0300589 0300590
0300591 0300592 0300593 0300594 0300595 0300596 0300597 0300598 0300599 0300600
0300601 0300602 0300603 0300604

of Tendrain570-2, to be shipped to the above referenced project are in accordance with the properties listed throughout this submittal showing compliance with the attached specifications. Those rolls were manufactured in accordance with the Tenax Manufacturing Quality Control / Quality Assurance Plan.

This MQC submittal consists of the following sections:

Section 2 contains the geonet Manufacturing Quality Control (MQC); Section 3 entails the MQC on the geotextile used for the manufacture of these geocomposites. Section 4 describes in detail all geocomposites roll numbers, describe their respective geotextile roll numbers and geonet roll numbers, as well as geocomposite transmissivity and peel strength.

Respectfully submitted,

Tim Bauters, Ph.D.
Senior Quality Control Manager

**Performance In
Plastic Technology™**



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000

Order Line: (800) 356-8495

Fax: 410-522-7015

Waste Mgt: (800) US-GRIDS

SECTION TWO

GEONET REPORT AND MQC

*Performance In
Plastic Technology™*



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: (410) 522-7000 Order Line: (800) 356-8495
Fax: (410) 522-7016 Waste Mgt: (800) US-GRIDS
Web Site: www.tenaxus.com

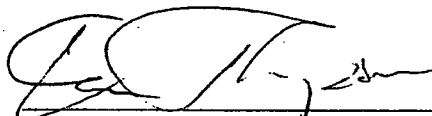
Geonet MQC Test Results

Product TD 5 (200')
Project
Lot # Batch 3
Dimensions 6.7' x 200' x 4'
Testing Lab Tenax

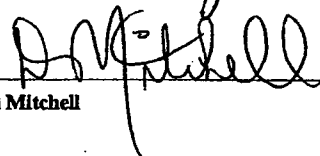
	Geonet Roll	Date Tested	Thickness ASTM D5199 (mils)	Density ASTM D1505 (g/cm ³)	CarbonBlack ASTM D4218 (%)	MFI ASTM D1238 (g/10min)	Tensile Strength ASTM D4595 (lb/ft)
	0301352	8/26/2003	302	0.950	2.90	0.550	1325
	0301383	8/26/2003	287	0.950	2.95	0.550	1112
	0301414	8/27/2003	301	0.950	2.45	0.550	1213
	0301444	8/28/2003	308	0.950	2.95	0.550	1296
	0301474	8/29/2003	310	0.950	2.85	0.550	1296
Average			302	0.950	2.82	0.550	1248
Standard Dev.			9	0.000	0.21	0.000	87
Specifications			275	0.940	2.00	<1	1000

Compression

Load (psf)	Roll #	Thickness Retained (%)	Specification (%)
40000			50
	0301352	56.00	50
	0301383	55.00	50
	0301414	54.00	50
	0301444	52.00	50
	0301474	53.00	50
	Average (Specs)	54.00	50

Tested by 
Eric Thompson

Date 9/23/2003

Checked by 
David Mitchell

Date 9/23/2003



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000
Fax: 410-522-7015


Order Line: (800) 356-8495
Waste Mgt: (800) US-GRIDS

SECTION THREE

GEOTEXTILE MQC

*Performance in
Plastic TechnologySM*

Tenax Mfg. A LC
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls

Reviewed By: 

Product Grade: TG600

QA: _____

Lot Number: 20075

Engineer: _____

Color: BLACK

Roll Dimensions: 7ft 5in x 1000ft

Lot Summary

Grab Tensile/Elongation
ASTM D4632

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	M.D.		C.D.		M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap Tear ASTM D4933 MD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm.(Kv) (sec-1)	Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)		
			Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)									
2009370	06/05/2002	6.4	188.3	157.2	212.8	76.2	290.9	103.7	79.6	80.8	95	2.26	0.541	160.9	0.184
2009383	06/05/2002	6.8	187.0	154.4	228.1	72.3	304.8	92.6	81.0	85.3	99	1.97	0.455	147.0	0.186
2009394	06/02/2002	6.3	187.9	156.6	216.9	72.8	296.1								
2009404	06/02/2002	6.3	195.6	147.4	248.2	70.7	317.1	101.5	129.0	150.8	96	2.29	0.540	171.5	0.207
Average =		6.5	189.7	153.9	226.5	73.0	302.2	99.3	96.5	105.6	96.7	2.17	0.512	162.5	0.192
Standard Deviation =		.2	4.0	4.5	15.8	2.3	11.5	5.9	28.1	38.1	2.3	.18	0.049	13.5	0.013

Product Grade: TG600
 Lot Number: 20123
 Color: BLACK
 Roll Dimensions: 7ft 5in x 1000ft


Tenax Mfg. AL C
 QA/QC Laboratory
 Evergreen, Alabama
 Nonwoven Test
 Rolls
 Lot Summary

Reviewed By: 
 QA: _____
 Engineer: _____

Roll No.	Test Date	Weight ASTM D5261 (oz/yd2)	Grab Tensile/Elongation ASTM D4632				M. Burst ASTM D3786 (psi)	Puncture Resistances ASTM D4833 (lbs)	Trap Tear ASTM D4533 MD (lbs)	Trap Tear ASTM D4533 CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm. (Kv) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4751 (mm)	
			M.D. Tens. (lbs)	M.D. Elong (%)	C.D. Tens. (lbs)	C.D. Elong (%)									
2016461	10/01/2002	6.3	241.3	157.8	263.3	62.2	308.4	107.7	121.6	129.2	68	2.99	0.593	224.0	0.128
2016463	10/01/2002	6.3	198.8	148.1	276.6	61.5	308.4								
2016474	10/01/2002	6.1	193.4	133.3	255.3	57.1	308.0	106.5	91.6	136.7	78				
2016486	10/01/2002	6.1	186.9	148.5	252.6	64.2	293.5	109.5	104.9	99.1	69				
2016496	10/01/2002	6.4	191.2	156.6	249.8	66.2	312.5	104.3	97.6	100.8	71				
Average =		6.2	202.3	148.9	259.5	62.2	308.2	107.0	103.9	116.5	71.5	2.99	0.593	224.0	0.128
Standard Deviation =		.1	22.2	9.8	10.8	3.4	7.3	2.2	13.0	19.3	4.7	.00	0.000	.0	0.000

Product Grade: TG600
 Lot Number: 30091
 Color: BLACK
 Roll Dimensions: 7ft 5in x 1020ft

Tenax Mfg., .LC
 QA/QC Laboratory
 Evergreen, Alabama
 Nonwoven Test
 Rolls

Reviewed By: 
 QA: _____
 Engineer: _____

Lot Summary

Grab Tensile/Elongation
 ASTM D4632

Roll No.	Test Date	Weight ASTM D5261 (oz/ydz)	M.D.		C.D.		M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap.Tear ASTM D4433 MD (lbs)	CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm.(Kv) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4751 (mm)	
			Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)									
3011124	08/26/2003	6.7	241.0	116.9	226.7	56.3	326.5	124.5	93.4	81.7	76	1.53	0.268	114.4	0.080
3011126	08/26/2003	6.5	251.3	125.8	241.9	58.8									
3011130	08/26/2003	6.4	255.0	118.0	226.5	52.1	344.0	124.4	85.3	77.6	74	1.75	0.303	131.1	0.081
3011132	08/26/2003	6.4	263.4	129.9	229.3	59.6	357.0								
3011142	08/26/2003	6.7	254.5	134.3	239.2	63.6	341.0	122.5	82.6	84.0	74				
3011154	08/27/2003	6.5	260.3	137.4	229.7	69.5	338.0	117.5	86.5	80.4	71				
3011166	08/27/2003	6.2	246.0	144.7	226.2	68.0	347.0	122.5	88.9	85.5	68				
3011178	08/27/2003	6.3	264.4	151.9	232.2	66.1	340.5	112.1	85.2	105.7	71				
3011190	08/27/2003	6.6	254.3	150.8	244.9	66.2	331.5	121.6	86.3	95.4	73	1.57	0.318	117.7	0.082
3011203	08/27/2003	6.3	234.2	139.1	235.1	60.4	332.0	120.5	114.8	103.0	76				
3011216	08/27/2003	6.3	247.1	122.4	213.4	64.9	327.0	121.7	105.3	95.7	69				
3011228	08/28/2003	6.4	245.7	121.9	221.7	67.6	332.0	121.4	122.9	98.6	71				
3011240	08/28/2003	6.1	231.7	122.0	232.0	64.7	350.0	121.1	112.9	93.5	67				
3011250	08/28/2003	6.2	244.8	120.9	214.2	60.4	333.0	112.6	90.9	106.8	71	1.42	0.244	106.5	0.080
3011262	08/28/2003	6.3	250.5	120.2	223.7	59.2	332.0	113.6	116.2	112.0	74				
3011284	08/29/2003	6.2	227.5	119.4	233.2	52.0	379.0								
Average =		6.4	248.2	129.7	228.5	61.6	340.6	119.7	97.9	93.8	71.9	1.57	0.263	117.4	0.081
Standard Deviation =		.2	10.8	11.8	8.8	5.4	13.8	4.3	14.8	11.2	2.8	.14	0.034	10.3	0.001

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls

Reviewed By: 
 QA: _____
 Engineer: _____

18-Sep
 Product Grade: TG800
 Lot Number: 30011
 Color: BLACK

Roll Dimensions: 71.5in x 1020ft

Lot Summary

Grab Tensile/Elongation
 ASTM D4632

Roll No.	Test Date	Weight ASTM D5281 (oz/yd2)	Grab Tensile/Elongation				M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4633 (lbs)	Trap.Tear ASTM D4633 MD (lbs)	CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm.(Kv) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4751 (mm)	
			Tens. (lbs)	Elong (%)	M.D. Tens. (lbs)	C.D. Elong (%)									
3001242	01/23/2003	6.4	232.0	168.6	275.3	68.1	385.7	122.0	89.5	104.3	73	1.64	0.307	122.6	0.125
3001244	01/23/2003	6.4	268.9	178.8	265.4	61.9	371.4	120.2	93.7	101.4	71				
3001249	01/23/2003	6.4	243.5	175.5	272.2	65.5	390.3	126.9	107.4	97.3	73	1.81	0.296	135.4	0.090
3001258	01/23/2003	6.3	268.8	161.4	286.7	62.8	372.0	125.3	105.6	94.3	70				
3001262	01/23/2003	6.2	274.4	162.1	303.3	61.9	349.7	118.3	103.1	98.5	71				
3001263	01/23/2003	6.3	284.3	159.2	280.4	59.9	384.0	128.1	116.8	105.0	70				
3001271	01/24/2003	6.3	255.7	163.4	280.4	67.3	369.5	133.3	95.8	94.5	73				
3001279	01/24/2003	6.2	278.6	171.8	280.3	65.9	359.0	120.8	139.1	133.1	75	2.16	0.395	161.6	0.099
3001287	01/24/2003	6.4	276.9	164.3	274.5	61.2	344.1	124.6	106.4	103.3	72.0	1.87	0.333	139.9	0.104
3001291	01/24/2003	6.3	274.2	166.4	287.8	60.6	362.7	5.2	15.8	12.8	1.6	.27	0.054	20.0	0.018
3001303	01/24/2003	6.3	264.2	166.1	294.8	63.6	353.6								
3001315	01/24/2003	6.4	242.2	157.8	275.2	54.4	386.7								
3001317	01/24/2003	6.1													
3001322	01/27/2003	6.1													
Average*		6.3	262.0	166.4	282.2	62.8	369.1	124.6	106.4	103.3	72.0	1.87	0.333	139.9	0.104
Standard Deviation*		.1	15.3	6.6	11.3	3.7	15.5	5.2	15.8	12.8	1.6	.27	0.054	20.0	0.018

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls

Reviewed By: 
 QA: _____
 Engineer: _____

Product Grade: TG600
 Lot Number: 30013
 Color: BLACK

Roll Dimensions: 7 1/2" x 1020'

Lot Summary

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	Grab Tensile/Elongation ASTM D4632				M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap Tear ASTM D4633 MD (lbs)	CD	Thickness ASTM D5199 (mils)	Hydraulic Tests ASTM D491 Permitt. Perm. (KV (sec-1) (cm/sec)	Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)	
			M.D. Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)									
3001486	01/27/2003	6.5	271.4	149.2	283.1	54.0	404.9	131.6	90.3	102.4	79	1.76	0.300	131.4	0.117
3001489	01/27/2003	6.4	261.6	145.0	285.6	57.3	396.0								
3001504	01/27/2003	6.4	268.4	156.0	271.6	64.2	398.0	122.7	102.3	88.9	70				
3001512	01/27/2003	6.2													
3001514	01/27/2003	6.6	272.7	137.8	285.3	53.8	383.4	121.3	89.3	98.8	75	1.73	0.280	129.3	0.084
3001516	01/27/2003	6.8	272.3	140.9	270.7	53.4	396.9								
3001522	01/28/2003	6.5	274.5	140.3	289.4	60.4	397.1	127.6	105.8	102.5	78				
3001525	01/28/2003	6.2													
3001532	01/28/2003	6.3	269.4	138.7	294.6	55.6	389.4	127.5	97.3	93.7	79				
3001536	01/28/2003	6.4													
3001540	01/28/2003	6.4													
3001544	01/28/2003	6.6	259.0	130.3	285.5	53.0	388.1	129.7	92.5	98.1	74				
3001552	01/28/2003	6.3													
3001557	01/28/2003	6.2	262.4	140.0	281.9	58.8	383.2	128.5	98.2	88.3	72				
3001568	01/28/2003	6.3	254.2	141.7	271.0	54.8	351.6	121.3	97.4	97.4	74				
3001577	01/28/2003	6.2													
3001578	01/29/2003	6.0	259.2	140.1	281.0	55.6	350.3	128.2	101.5	97.4	70	1.83	0.358	137.1	0.097
3001598	01/29/2003	6.4	269.0	144.0	277.4	57.3	375.3	130.1	110.8	98.9	76				
3001598	01/29/2003	6.4	258.1	144.5	283.8	55.8	372.1	127.4	119.9	99.3	75				
3001608	01/29/2003	6.3	253.0	147.1	265.2	55.5	374.1	121.3	102.6	102.3	75				
3001612	01/29/2003	6.1													
3001620	01/29/2003	6.1	256.7	139.4	287.6	58.9	371.9	118.1	108.1	108.7	66				
3001632	01/29/2003	6.0	250.8	137.3	283.2	54.8	363.1	122.2	135.9	103.3	72				
3001642	01/29/2003	6.0	268.2	145.4	281.8	58.6	332.8	122.3	120.8	124.3	68	2.60	0.453	194.5	0.097
3001654	01/29/2003	6.3	247.1	140.0	288.4	57.9	367.1	125.2	118.1	112.4	72				
3001666	01/29/2003	6.2	250.7	133.7	288.5	55.8	367.3	126.2	147.7	140.9	69				
3001678	01/30/2003	6.3	275.2	150.6	270.4	70.1	377.4	130.8	145.0	137.8	73				
3001690	01/30/2003	6.1	249.5	148.3	288.6	69.3	353.3	124.7	154.5	136.5	71				
3001698	01/30/2003	6.1	247.1	143.5	274.7	60.0	348.4	121.1	113.9	118.9	68	2.33	0.441	174.5	0.100
3001710	01/30/2003	6.1	247.7	139.3	281.4	62.2	356.2	120.8	115.0	126.1	71				
3001718	01/30/2003	6.0	245.2	140.5	288.4	62.6	355.7	119.9	113.2	113.9	70				
3001730	01/30/2003	6.4	262.2	157.7	281.0	55.9	343.8	123.8	147.0	134.9	78				
3001742	01/30/2003	6.2	262.9	148.1	271.0	61.9	352.0	122.1	130.6	135.9	70				
3001754	01/30/2003	6.1	274.1	156.3	287.7	61.7	359.7	123.5	128.0	123.1	74	2.75	0.477	205.5	0.110

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls

Product Grade: TG600
 Lot Number: 30013
 Color: BLACK

Roll Dimensions: 7ft 5in x 1020ft

Lot Summary

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	Grab Tensile/Elongation ASTM D4632				M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4633 (lbs)	Trap.Tear ASTM D4633 MD (lbs)	Trap.Tear ASTM D4633 CD (lbs)	Thickness D5199 (mils)	Hydraulic Tests ASTM D4491 Permitt. Perm.(KV) (sec-1) (cm/sec)	Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)
			Tens. (lbs)	M.D. Elong (%)	Tens. (lbs)	C.D. Elong (%)								
3001766	01/31/2003	6.0	254.4	159.7	259.8	63.8	357.0	122.9	128.3	131.0	76			
3001771	01/31/2003	6.1												
3001774	01/31/2003	6.3												
3001778	01/31/2003	6.1	260.2	151.3	274.8	63.3	348.4	128.1	84.1	91.8	80			
3001786	01/31/2003	6.5												
3001780	01/31/2003	6.3	250.4	158.9	260.3	67.0	353.0	131.7	91.5	94.7	81			
3001800	01/31/2003	6.3	243.8	152.9	287.8	56.7	373.1	134.6	124.3	126.3	87			
3001812	01/31/2003	6.3	247.4	141.3	277.5	53.3	370.2	125.0	118.9	100.1	78	0.344	0.120	
3001822	01/31/2003	6.2	268.9	148.2	286.3	57.7	361.2	127.8	107.3	107.7	78			
3001834	02/01/2003	6.3	234.9	137.8	274.1	56.8	371.8	129.1	92.1	111.7	80			
3001836	02/01/2003	6.3												
3001846	02/01/2003	6.3	243.5	138.8	269.8	55.2	363.6	121.1	96.1	106.9	78			
3001848	02/01/2003	6.3	272.8	143.8	306.3	59.3	359.3	119.7	102.5	101.0	83	0.330	0.120	
3001850	02/01/2003	6.2	250.7	138.5	253.0	61.8	343.1							
3001857	02/01/2003	6.2	258.8	152.7	255.0	58.3	350.3	124.3	93.6	97.9	65			
3001863	02/01/2003	6.1												
3001868	02/01/2003	6.3	236.8	149.0	249.1	54.0	342.6	120.9	88.1	88.6	67			
3001873	02/01/2003	6.3												
3001878	02/01/2003	6.2	219.5	138.8	247.7	57.1	353.5	111.3	87.1	91.3	75			
3001886	02/01/2003	6.2	222.8	134.6	256.5	53.5	346.7	123.7	89.7	85.6	74	0.345	0.110	
3001897	02/02/2003	6.0	227.3	142.1	244.4	57.1	357.7							
3001898	02/02/2003	6.2	224.5	139.8	249.4	52.1	343.7	128.0	95.7	90.9	76	0.342	0.110	
3001902	02/02/2003	6.1	225.5	140.7	244.2	56.0	356.4	123.8	94.5	94.2	80	0.348	0.115	
3001907	02/02/2003	6.2	238.8	143.4	261.5	57.2	357.6	133.9	94.1	94.4	75	0.335	0.100	
3001910	02/02/2003	6.4	236.3	148.2	255.2	58.5	357.7							
3001919	02/02/2003	6.4	259.7	147.6	253.1	56.0	361.9	115.1	97.1	95.0	73	0.356	0.100	
3001946	02/02/2003	6.1												
3001952	02/02/2003	6.3	251.5	155.1	262.4	59.6	353.2	122.4	97.4	90.7	74			
3001958	02/02/2003	6.1												
3001962	02/02/2003	6.1	246.0	150.3	252.5	59.3	345.0	123.6	92.3	90.9	74			
3001972	02/02/2003	6.1	260.3	169.3	257.7	56.3	341.5	127.0	108.7	109.8	75	0.312	0.100	
3001976	02/02/2003	6.2												
3001982	02/03/2003	6.2	248.8	160.3	261.9	55.8	362.1	125.8	108.6	94.3	75			
3001990	02/03/2003	6.2	243.8	159.9	257.0	61.8	355.3	122.8	108.4	98.5	72			

1b-004

Tenax Mfg. AL .C
QA/QC Laboratory
Evergreen, Alabama
Nonwoven Test
Rolls
Lot Summary

Roll Dimensions: 7ft 5in x 1020ft

Color: BLACK

Page 3 of 3

Grab Tensile/Elongation
ASTM D4632

Roll No.	Test Date	Weight ASTM D5261 (oz/yd ²)	M.D.		C.D.		M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4833 (lbs)	Trap Tear ASTM D4533 MD (lbs)	Trap Tear ASTM D4533 CD (lbs)	Thickness ASTM D5199 (mils)	Hydraulic Tests		Water Flow (gpm/ft ²)	A.O.S. ASTM D4751 (mm)
			Tens. (lbs)	Elong (%)	Tens. (lbs)	Elong (%)						Permit. (sec-1)	Permit. Perm. (KV) (cm/sec)		
3001998	02/03/2003	6.3													
3001999	02/02/2003	6.3	248.0	147.3	253.9	53.2	348.6	121.9	92.6	87.6	75	1.76	0.339	140.2	0.102
3002000	02/03/2003	6.1													
3002002	02/03/2003	6.4	271.9	164.3	264.2	59.1	357.8	120.3	105.1	111.7	73	2.68	0.455	200.6	0.090
3002012	02/03/2003	6.0	225.6	147.2	261.6	53.6	358.9	122.0	98.6	113.7	70				
3002019	02/03/2003	6.4	253.0	147.7	259.3	60.0	372.4								
Average =		6.2	253.0	145.9	267.2	58.1	362.5	124.5	108.0	105.6	73.6	1.98	0.364	147.4	0.105
Standard Deviation =		.2	14.6	7.6	13.4	4.0	16.6	4.6	17.3	15.6	4.0	.37	0.059	28.5	0.009



Corporation

4800 East Monument Street
Baltimore, Maryland 21205

Office: 410-522-7000

Order Line: (800) 356-8495

Fax: 410-522-7015

Waste Mgt: (800) US-GRIDS

SECTION FOUR

GEOCOMPOSITE MQC

*Performance In
Plastic TechnologySM*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Tendrian 570-2
 JOB: GM Syracuse (Fisher Guide)
 Batch: 2

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Real Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4716 Transmissivity* (m2/sec) Value (required transmissivity)
0300547	0301415	3011127	3001704	200				
0300548	0301417	3011127	3001704	200				
0300549	0301356	3011128	3001704	200				
0300550	0301400	3011127	3001704	200				
0300551	0301386	3011147	3001704	200				
0300552	0301386	3011147	3001758	200				
0300553	0301424	3011148	3011148	200				
0300554	0301451	3011129	3011150	200				
0300555	0301429	3011141	3011150	200				
0300556	0301374	3011141	3011150	200				
0300557	0301439	3011159	3011150	200				
0300558	0301449	3011159	3011150	200				
0300559	0301387	3011141	3011158	200				
0300560	0301423	2008388	3011138	200				
0300561	0301454	3011148	3011138	200				
0300562	0301456	3011148	3011138	200				
0300563	0301425	3001276	3011133	200				
0300564	0301387	3001276	3011133	200				
0300565	0301434	3011159	3011133	200				
0300566	0301459	2008388	3011133	200				
0300567	0301383	2008388	3011133	200				
0300568	0301430	2008388	3011144	200				
0300569	0301426	2008388	3011144	200				
0300570	0301466	3001758	3011144	200				
0300571	0301437	3001758	3011144	200				
0300572	0301460	3011129	3011144	200	2.25	3.21	1	
0300573	0301447	3011129	3011136	200				
0300574	0301443	3001276	3011136	200				
0300575	0301385	3011159	3011136	200				
0300576	0301465	3011276	3011136	200				
0300577	0301380	3001276	3011136	200				
0300578	0301384	3001276	3011136	200				
0300579	0301467	3001758	3011136	200				
0300580	0301458	3001758	3011136	200				
0300581	0301442	3011129	3011142	200				
0300582	0301441	3011129	3011142	200				
0300583	0301446	3011141	3011142	200				
0300584	0301444	3011141	3011142	200				
0300585	0301468	3001865	3001865	200				
0300586	0301432	3001865	3001865	200				
0300587	0301372	3001764	3001568	200				
0300588	0301371	3011160	3001568	200				
0300589	0301373	3011124	3001568	200				
0300590	0301440	3011124	3011162	200				
0300591	0301453	3001865	3011162	200				
0300592	0301431	3001865	3011162	200				

Tested by: *Est.*
 Checked by: *Am*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Tendrin 570-2
 JOB: GM Syracuse (Fisher Guide)
 Batch: 2

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Roll Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4718 Transmissivity* (m2/sec) Value (required transmissivity)
0300593	0301436	2016307	3011182	200				
0300594	0301455	2016307	3011182	200				
0300595	0301457	3011124	3011156	200				
0300596	0301462	3011124	3011156	200				
0300597	0301450	3011143	3011156	200				
0300598	0301464	3011143	3011156	200				
0300599	0301469	3011143	3011156	200				
0300600	0301428	3011124	2016491	200				
0300601	0301395	3011124	2016491	200				
0300602	0301418	3011124	2016491	200				
0300603	0301382	3011160	2016491	200				
0300604	0301387	3011160	2016491	200				

Tested by: *ET*
 Checked by: *BM*

TENAX CORPORATION



Traceability, Peel and Transmissivity report

PRODUCT: Tendrain 570-2

JOB: GM Syracuse (Fisher Guide)

Batch: 2

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Roll Length (FT)	Top ASTM F904 Peel Adhesion lbs/in (avg.)	Bottom ASTM F904 Peel Adhesion lbs/in (avg.)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4716 Transmissivity* (m2/sec) Value
0300501	0301408	3001866	3001776	200	2.74	3.30	1	2.28 x 10 ⁻³ (1.50 x 10 ⁻³)
0300502	0301409	3001866	3001776	200				
0300503	0301389	3001680	3001776	200				
0300504	0301358	3001680	3001776	200				
0300505	0301423	3001776	3001776	200				
0300506	0301398	3001776	3001776	200				
0300507	0301391	3001788	3001776	200				
0300508	0301414	3001788	3001776	200				
0300509	0301411	3001616	3001776	200				
0300510	0301412	3001818	3001776	200				
0300511	0301355	3001757	3011139	200				
0300512	0301398	3001757	3011139	200				
0300513	0301370	3001757	3011139	200				
0300514	0301368	3001818	3011139	200				
0300515	0301366	3001788	3011135	200				
0300516	0301407	3001788	3011135	200				
0300517	0301382	3001818	3011135	200				
0300518	0301416	3001818	3011135	200				
0300519	0301390	3001757	3011135	200				
0300520	0301403	3001757	3011130	200				
0300521	0301389	3001868	3011130	200				
0300522	0301382	3001868	3011130	200				
0300523	0301379	3001824	3011130	200				
0300524	0301405	3001824	3011130	200				
0300525	0301408	3001880	3011130	200				
0300526	0301410	3001680	3011149	200				
0300527	0301381	3001680	3011149	200				
0300528	0301389	3001824	3011149	200				
0300529	0301357	3001788	3011149	200				
0300530	0301394	3001788	3011149	200				
0300531	0301385	3001824	3011127	200				
0300532	0301383	3001824	3011127	200				
0300533	0301354	3011137	3011146	200				
0300534	0301367	3011137	3011146	200				
0300535	0301381	3011147	3011146	200				
0300536	0301376	3011147	3011146	200				
0300537	0301383	3011137	3011134	200				
0300538	0301378	3011137	3011134	200				
0300539	0301351	3011146	3011134	200				
0300540	0301470	3011137	3011134	200				
0300541	0301377	3011128	3011134	200				
0300542	0301360	3011126	3001868	200				
0300543	0301353	3011147	3001868	200				
0300544	0301364	3011147	3001868	200				
0300545	0301352	3011128	3001868	200				
0300546	0301359	3011128	3001868	200				

* a confining pressure of 100000 pef at a gradient of .10 with water at 20 degrees C with boundary conditions of plate/ uniform sand/composite/ 60 mil HDP/plate and a seating time of 100 hours

Tested by: *GA*
Checked by: *BM*



200 Miller Sellers Drive
Evergreen, Alabama 36401

Office: 251-578-9003

Web Site: <http://www.tenaxus.com>

Fax: 251-578-6141

QUALITY CONTROL SUMMARY
Tenax TENDRAIN 570-2
Prepared for New England Liner Systems
Date: November 1, 2004

Project: GM Fisher Guide Plant, NY

Submitted to:
Jim Magnoli
New England Liner Systems
35 Wooster Court
Bristol, CT 06010

*Performance in
Plastic TechnologySM*



Table of Contents

**200 Miller Sellers Drive
Evergreen, Alabama 36401**

Office: 251-578-9003

Web Site: <http://www.tenaxus.com>

Fax: 251-578-6141

Specification1

Resin Report2

Geonet Report and MQC3

Geotextile MQC4

Geocomposite MQC5



200 Miller Sellers Drive
Evergreen, Alabama 36401

Office: 251-578-9003

Web Site: <http://www.tenaxus.com>

Fax: 251-578-6141

SECTION ONE

SPECIFICATON

TENDRAIN 570-2

DOUBLE-SIDED GEOCOMPOSITE

GM Fisher Guide Plant, NY

The drainage geocomposite is comprised of a tri-planar geonet structure consisting of thick supporting ribs with diagonally placed top and bottom ribs and with a thermally bonded, non-woven geotextile on both sides. The product is capable of providing high Transmissivity in a soil environment under high normal loads and will have properties conforming with the values and test methods listed below:

<u>PROPERTIES</u>	<u>TEST METHOD</u>	<u>UNIT</u>	<u>VALUE</u>	<u>QUALIFIER</u>
GEONET CORE				
Tensile Strength - MD	ASTM D4595	lb/in (kN/m)	75 (13.0)	c, Note 1, 4
Compressive Behavior (% Retained thickness)				
@40,000 psf (short term)	ASTM D1621	%	50	a, Note 2, 4
@25,000 psf (10,000 hours)		%	65	a, Note 4
Mass Per Unit Area		oz/sy (g/m ²)	39	c, Note 4
Density	ASTM D1505	g/cm ³	0.94	c, Note 4
Melt Flow Index	ASTM D1238	g/10 min.	1.0	d, note 4
Carbon Black Content	ASTM D4218	%	2.0	a, Note 4
Thickness	ASTM D5199	mils (mm)	275 (7.0)	c, Note 3, 4
GEOTEXTILE				
Apparent Opening Size (AOS)	ASTM D4751	US Sieve (mm)	70 (0.21)	b, Note 4
Weight	ASTM D3776	oz/yd ² (g/m ²)	6 (203)	b, Note 4
Water Flow Rate	ASTM D4491	gal/min/ft ² (lpm/m ²)	110 (4483)	b, Note 4
Permeability	ASTM D4491	cm/sec	0.2	b, Note 4
Permittivity	ASTM D4491	sec ⁻¹	1.3	b, Note 4
Puncture Strength	ASTM D4833	lbs (N)	90 (400)	b, Note 4
Trapezoid Tear	ASTM D4533	lbs (N)	65 (290)	b, Note 4
Grab Tensile Strength	ASTM D4832	lbs (N)	160 (712)	b, Note 4
Grab Elongation	ASTM D4832	%	50	b, Note 4
Mullen Burst	ASTM D3786	psi (kPa)	325 (2241)	b, Note 4
UV Resistance @500 Hours	ASTM D4355	%	70	b, Note 4
GEOCOMPOSITE				
Roll Width		ft (m)	6.7 (2.0)	a, Note 5
Roll Length		ft (m)	200 (61)	a, Note 5
Ply Adhesion	ASTM F904 (modified)	lb/in (N/m)	1.0 (175)	c, Note 6
HYDRAULIC BEHAVIOR OF GEOCOMPOSITE				
Transmissivity - MD				c, Notes 7
<u>Gradient/Load:</u>			<u>500 psf</u>	
0.33	ASTM D 4716	m ² /sec	2.0x10 ⁻³	

Qualifiers: a = Typical Value b = Minimum Average Roll Value (MARV)
 c = Minimum Value d = Maximum Value

NOTES:

- Tensile properties tested by manufacturer every 50,000 square feet of product per ASTM D4595 with a specimen width of 8.0 in. and cross-head speed of 0.4 in/min
- Short term compressive behavior tested by manufacturer every 50,000 square feet of product per ASTM D1621 with a 4 in x 4 in specimen and a constant rate of strain of 0.04 in./min.
- Thickness measured by manufacturer every 50,000 square feet of product per ASTM D5199 with a 2.22 in. diameter presser foot and 2.9 psi pressure.
- Geotextile and geonet properties listed are prior to lamination. Geotextile is tested at the industry standard frequency.
- Roll dimensions are measured at the time of manufacture.
- Ply Adhesion is tested by the manufacturer every 100,000 sf of production per modified ASTM F904, with a 2 inch wide (5 longitudinal ribs) by 10 inch long strip. The geotextile bonded to either side of the geonet is pulled apart at a peeling rate of 12 in/min., for at least 4 inches of peeling distance. The reported value for each laminated side is the average of the "peak" values from 5 tested samples. The 5 samples are cut evenly distributed along the roll width with a 1 foot margin from both edges of the roll.
- Geocomposite transmissivity measured by manufacturer every 200,000 square feet of product as per ASTM D4716-99 with testing boundary conditions as follows: steel plate / geocomposite / steel plate, and seating period of 15 min.



200 Miller Sellers Drive
Evergreen, Alabama 36401

Office: 251-578-9003
Fax: 251-578-6141

Web Site: <http://www.tenaxus.com>

SECTION TWO

RESIN REPORT



200 Miller Sellers Drive
Evergreen, Alabama 36401

Office: 251-578-9003

Web Site: <http://www.tenaxus.com>

Fax: 251-578-6141

SECTION THREE

GEONET REPORT AND MQC



200 Miller Sellers Drive
Evergreen, Alabama 36401

Office: 251-578-9003

Web Site: <http://www.tenaxus.com>

Fax: 251-578-6141

SECTION FOUR

GEOTEXTILE MQC

Product Grade: TG800

Lot Number: 30107

Color: BLACK

Roll Dimensions: 14ft x 1610ft

Tenax Mfg. AL
 QA/QC Laboratory
 Evergreen, Alabama
 Nonwoven Test
 Rolls
 Lot Summary

Reviewed By:

QA:

Engineer:

Grab Tensile/Elongation
 ASTM D4632

Roll No.	Test Date	Weight ASTM D5281 (oz/yd2)	Grab Tensile/Elongation ASTM D4632				M. Burst ASTM D3786 (psi)	Puncture Resistance ASTM D4633 (lbs)	Trap.Tear ASTM D4633 MD (lbs)	Trap.Tear ASTM D4633 CD (lbs)	Thickness ASTM D5199 (mil)	Hydraulic Tests ASTM D4491 Permitt. Perm.(Kv) (sec-1)	Water Flow (gpm/ft2)	A.O.S. ASTM D4761 (mm)	
			M.D. Tens. (lbs)	M.D. Elong (%)	Tens. (lbs)	C.D. Elong (%)									
3013892	10/06/2003	6.5	282.2	131.4	219.3	78.4	366.0	115.9	83.5	95.7	74	1.53	0.283	114.4	0.086
3013895	10/06/2003	6.4	272.1	142.8	215.9	76.6	376.0	113.3	89.8	101.5	73	1.48	0.292	110.4	0.086
3013896	10/06/2003	6.6	275.2	120.8	226.0	69.3	381.0	118.8	88.2	80.2	73	1.50	0.200	110.0	
3013899	10/06/2003	6.4	272.9	119.6	214.9	62.3	361.0	119.3	129.5	97.2	75				
3013902	10/06/2003	6.6					347.0								
3013904	10/06/2003	6.5	256.5	128.5	218.2	75.8	347.0	116.8	97.7	93.7	73.6	1.50	0.258	111.6	0.086
Average =		6.5	271.8	128.6	218.9	72.5	366.2	116.8	97.7	93.7	73.6	1.50	0.258	111.6	0.086
Standard Deviation =		.1	9.4	9.4	4.4	6.6	13.3	2.8	21.3	9.3	.8	.03	0.051	2.4	0.000



200 Miller Sellers Drive
Evergreen, Alabama 36401

Office: 251-578-9003

Web Site: <http://www.tenaxus.com>

Fax: 251-578-6141

SECTION FIVE

GEOCOMPOSITE MQC

Tenax Corporation

Traceability, Peel and Transmissivity report

PRODUCT: Tenorain 570-2
 JOB: GM Fisher Guide Plant

COMPOSITE #	NET #	Top TEXTILE #	Bottom TEXTILE #	Roll length (ft)	Top Geotextile ASTM F904 Peel Adhesion lbs/in (avg, peaks)	Bottom Geotextile ASTM F904 Peel Adhesion lbs/in (avg, peaks)	ASTM F904 Peel Adhesion lbs/in (req.)	ASTM D 4716 Transmissivity* (m ² /sec) Value	ASTM D 4716 Transmissivity* (m ² /sec) Required	Gradient
3507058	3303117	3013889	3013902	200	3.87	4.29	1	2.81	2.00 x 10 ⁻⁴	0.33
3507059	3303117	3013889	3013902	200						
3507060	3303117	3013901	3013887	200						
3507061	3303118	3013901	3013887	200						
3507062	3303118	3013901	3013887	200						
3507063	3303118	3013901	3013887	200						
3507064	3303119	3013901	3013887	200						

* a confining pressure of 500 psf with boundary conditions of steel plate/geocomposite/steel plate and a seating time of 15 minutes.

Tested by: *Dani Jacobs*
 Checked by: *KRP*

Barrier protection CQC – Test results and non-hazardous waste documentation



REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
7/24/03 By BAK

Date: July 17, 2003
Subject: Project Submittal #006 - Proposed Testing Laboratories
Ref. Section 02222, Part 1.3, Paragraph A.
Project: Former Landfill IRM, Former IFG Facility

In accordance with the specifications for the above referenced project, Royal Environmental, Inc. herein submits the following testing laboratories for required material testing:

Density, Compaction, and Gradation, etc.:

Atlantic Testing Laboratories, Inc.
5866 State Route 31
Cicero, NY 13039

Hazardous Material Testing:

O'Brien & Gere Laboratories, Inc.
5000 Brittonfield Parkway
East Syracuse, NY 13057

or

Environmental Laboratory Services, Inc.
7280 Caswell Street
North Syracuse, NY 13212

STACE BACKHOE & TRUCKING, INC.

Backhoe Service - Bulldozer - Sand - Gravel - Septic Tank
2373 State Route 69, Camden, NY 13316
(315) 245-0370

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

AFFIDAVIT OF CLEAN MATERIAL

DATE 7/24/03 BY BAK

July 16, 2003

O'Brien & Gere Engineers Inc.

5000 Brittonfield Parkway

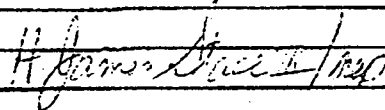
East Syracuse, NY 13057

Re: Landfill Cap IRM Project, Former Inland Fisher Guide
Facility - Fill Material Certification

To Whom it May Concern:

This is to certify that the backfill material supplied to
Royal Environmental, Inc. for Landfill IRM activities
performed at the Former Inland Fisher Guide Facility was
obtained from the Central Square Embankment property of
Stace Backhoe & Trucking Inc. The material was not
obtained from a known federal, state, local or private
contaminated land site.

To the best of my knowledge, the backfill material supplied is
clean and free from hazardous contaminants.



H. James Stace

President

Stace Backhoe & Trucking Inc.

O'Brien & Gere Laboratories, Inc.

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.

Analytical Results Method: TCLP 8270

Client: Royal Environmental, Inc.
 Project:
 Proj. Desc: East Syracuse, NY

Job No.: 8077.001.517
 Certification NY No.: 10155

7/24/03 by BAK

Sample: N8541
 Samp. Description: Central Square Embankment (TCLP)
 Instrument: HP5972 GC/MS#6
 Units: mg/L
 Number of analytes: 18

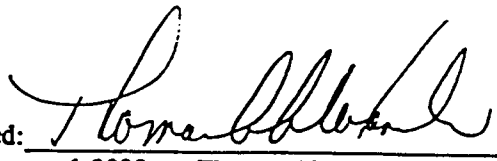
Collected: 01/21/00
 Received: 01/21/00
 Prepared: 01/27/00
 Matrix: Leachate
 QC Batch: 012700W2
 %Solids:
 Sample Size: .1 L

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Pyridine	<.50			1	01/31/00
1,4-Dichlorobenzene	<.10			1	01/31/00
2-Methylphenol	<.10			1	01/31/00
(3+4)-Methylphenol	<.10			1	01/31/00
Hexachloroethane	<.10			1	01/31/00
Nitrobenzene	<.10			1	01/31/00
Hexachlorobutadiene	<.10			1	01/31/00
2,4,6-Trichlorophenol	<.10			1	01/31/00
2,4,5-Trichlorophenol	<.50			1	01/31/00
2,4-Dinitrotoluene	<.10			1	01/31/00
Hexachlorobenzene	<.10			1	01/31/00
Pentachlorophenol	<.50			1	01/31/00
2-Fluorophenol (surrogate)	88.%	64-122		1	01/31/00
Phenol-d5 (surrogate)	86.%	40-145		1	01/31/00
2,4,6-Tribromophenol (surrogate)	90.%	73-130		1	01/31/00
Nitrobenzene-d5 (surrogate)	99.%	50-141		1	01/31/00
2-Fluorobiphenyl (surrogate)	88.%	44-140		1	01/31/00
Terphenyl-d14 (surrogate)	87.%	25-179		1	01/31/00

Notes:

Date leachate created: 01/26/00

- Outside control limits J-Estimated value

Authorized: 
 Date: February 1, 2000 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: Royal Environmental, Inc.
Project:
Proj. Desc: East Syracuse, NY

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 7/24/03 By BAK

Job No.: 8077.001.517
Certification NY No.: 10155

Sample: N8540
Samp. Description: Central Square Embankment

Collected: 01/21/00 09:00
Received: 01/21/00 13:20

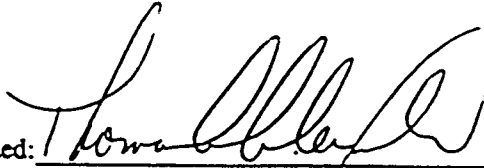
Matrix: Solid

Parameter	Result Qual	MDL	RL Units	Method	Prepared	Analyzed	QC Batch	Note
Ignitability of Solids	Negative		Burn Rate (mm/sec)	1030		01/31/00	013100S21	
Total releasable H2S	<50. U		50 mg/Kg	SW846 Ch.7 sec	01/31/00	02/01/00	013100S11	
Total releasable HCN	<25. U		25 mg/Kg	SW846 Ch.7 sec	01/31/00	02/01/00	013100S11	
pH	8.2		.1 STD units	EPA 9045C		01/27/00	012700S22	17

Notes:

17: pH analyzed outside 15 minute holding time

Undetected at reported level. J-reported value is estimated.

Authorized: 
Date: February 3, 2000 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

Analytical Results Trace Metals

Client: Royal Environmental, Inc.
Project:
Proj. Desc: East Syracuse, NY

O'BRIEN & GERE ENGINEERS, INC.

7/24/03 By BAK

Job No.: 8077.001.517
Certification NY No.: 10155

Sample: N8541
Samp. Description: Central Square Embankment (TCLP)
Units: mg/L

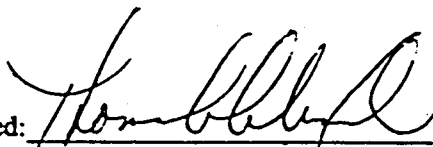
Collected: 01/21/00
Received: 01/21/00
Matrix: Leachate
% Solids:
Number of analytes: 8

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut.	Note
TCLP Arsenic	<.5	1311/6010	02/02/00	02/06/00	020200W3		5
TCLP Barium	<.5	1311/6010	02/02/00	02/06/00	020200W3		5
TCLP Cadmium	<.1	1311/6010	02/02/00	02/06/00	020200W3		5
TCLP Chromium	<.5	1311/6010	02/02/00	02/06/00	020200W3		5
TCLP Lead	<.5	1311/6010	02/02/00	02/06/00	020200W3		5
TCLP Mercury	<.02	1311/7470	01/28/00	01/28/00	012800W1		50
TCLP Selenium	<.1	1311/6010	02/02/00	02/06/00	020200W3		5
TCLP Silver	<.5	1311/6010	02/02/00	02/06/00	020200W3		5

Notes:

Date leachate created: 01/26/00

* Estimated value

Authorized: 
Date: February 8, 2000 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: TCLP 8260

Client: Royal Environmental, Inc.
Project:
Proj. Desc: East Syracuse, NY

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
7/24/03 by BAK

Job No.: 8077.001.517
Certification NY No.: 10155

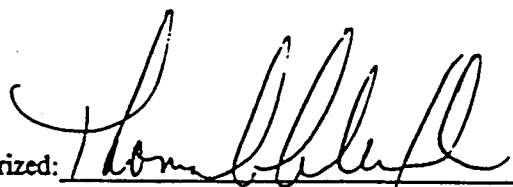
Sample: N8541
Samp. Description: Central Square Embankment (TCLP)
Instrument: HP5970 GC/MS#2
Units: mg/L
Number of analytes: 14

Collected: 01/21/00
Received: 01/21/00
Prepared: 02/07/00
Matrix: Solid
QC Batch: 020700W2
%Solids:
Sample size: 25 ml

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Vinyl chloride	<.10	10	02/07/00
1,1-Dichloroethene	<.050	10	02/07/00
Chlorobenzene	<.050	10	02/07/00
1,2-Dichloroethane	<.050	10	02/07/00
Chloroform	<.050	10	02/07/00
Benzene	<.050	10	02/07/00
Trichloroethene	<.050	10	02/07/00
2-Butanone	<.10	10	02/07/00
Tetrachloroethene	<.050	10	02/07/00
Carbon tetrachloride	<.050	10	02/07/00
1,2-Dichloroethane-d4 (surrogate)	121.%	# 72-110	10 02/07/00
Dibromofluoromethane (surrogate)	142.%	# 80-127	10 02/07/00
Toluene-d8 (surrogate)	116.%	# 93-112	10 02/07/00
Bromofluorobenzene (surrogate)	116.%	81-120	10 02/07/00

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: February 8, 2000 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: Royal Environmental, Inc.
Project:
Proj. Desc: East Syracuse, NY

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
7/24/03 By BAK

Analytical Results Method: TCLP 8081

Job No.: 8077.001.517
Certification NY No.: 10155

Sample: N8541
Samp. Description: Central Square Embankment (TCLP)
Primary column: Y
Units: mg/L
Column: DB-608, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Collected: 01/21/00 Matrix: Leachate
Received: 01/21/00 QC Batch: 012700W4
Prepared: 01/27/00 %Solids:
Analyzed: 02/24/00 Sample Size: .2 L

Number of analytes: 7


<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>Col</u>	<u>Notes</u>
Lindane	< .00025	U	1	
Heptachlor	< .00025	U	1	
Heptachlor epoxide	< .00025	U	1	
Endrin	< .00050	U	1	
Methoxychlor	< .0025	U	1	
Chlordane	< .0025	U	1	
Toxaphene	< .0025	U	1	

<u>Surrogate</u>	<u>Result</u>	<u>Qual</u>	<u>Col</u>	<u>Limits</u>	<u>Notes</u>
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	65.%		1	45-121	
Decachlorobiphenyl (surrogate)	75.%		1	42-119	

Notes:

Date leachate created: 01/26/00

- # - Outside control limits U - Undetected at the reported level.
- † - reported value is estimated.
- concentration exceeded the calibration range and is estimated.

Authorized: 
Date: February 25, 2000 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Client: Royal Environmental, Inc.
Project:
Proj. Desc: East Syracuse, NY

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date: 7/24/03 By: BAK

Analytical Results Method: TCLP 8151

Job No.: 8077.001.517
Certification NY No.: 10155

Sample: N8541
Samp. Description: Central Square Embankment (TCLP)
Primary column: Y
Units: mg/L
Column: DB-1701, 30m x .53mm ID
Dilution: 1 Instrument: HP5890-90

Collected: 01/21/00
Received: 01/21/00
Prepared: 01/31/00
Analyzed: 02/26/00

Matrix: Leachate
QC Batch: 013100H1
%Solids:
Sample Size: .2 L

Number of analytes: 2

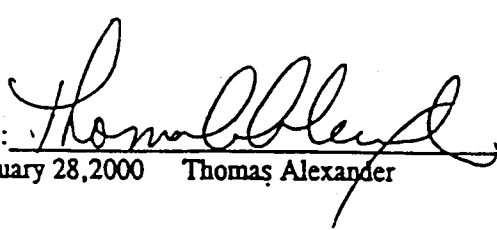
<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>Col</u>	<u>Notes</u>
2,4-D	< .1	U	2	
2,4,5-TP (Silvex)	< .01	U	2	

<u>Surrogate</u>	<u>Result</u>	<u>Qual</u>	<u>Col</u>	<u>Limits</u>	<u>Notes</u>
2,4-Dichlorophenyl acetic acid	116.4		2	46-120	

Notes:

Date leachate created: 01/26/00

- Outside control limits U - Undetected at the reported level.
J - reported value is estimated.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: February 28, 2000 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 010
Subject: Former Landfill IRM – Submittal of Geotechnical Testing Results for Select Fill, Niagara Mohawk 115 kV Transmission Line Poles
Project No.: 60709-5
Date: September 24, 2003

Attached you will find the following:

- Results of the particle size analysis testing (ASTM D422), performed by Atlantic Testing, on select granular fill that will be used as backfill for the Niagara Mohawk 115 kV transmission line poles. Testing was performed in accordance with the NYSDOT Standard Specification 203-2.02C.1. (gradation).
- Results of the compaction testing analysis, performed by Atlantic Testing, on select granular fill that will be used as backfill for the Niagara Mohawk 115 kV transmission line poles. Compaction testing was performed on the material at the laboratory, in accordance with ASTM D 698-00a Method C Standard.
- Results of the in-place density testing analyses, performed by Atlantic Testing, on select granular fill that will be used as backfill for the Niagara Mohawk 115 kV transmission line poles. In-place density testing was performed on the in-situ material, placed and compacted as site backfill, in accordance with ASTM D 698.

atl ATLANTIC TESTING LABORATORIES, Limited

Syracuse
5866 State Route 31
Cicero, NY 13039
315/699-5281 (T)
315/699-3374 (F)

TRANSMITTAL

September 12, 2003

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 10/30/03 By BAK

Re: Laboratory Testing
Former Inland Fisher Guide Plant
Syracuse, New York
ATL File No. ST2318

Enclosed is one copy of the following test report:

ST2318SL-06-09-03 Particle Size Distribution Report September 12, 2003 (Friday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited



Thomas R. Bundle
Division Manager
Syracuse Testing Division
tbundle@atlantictesting.com

TRB'taf
Enclosures



Particle Size Distribution Report

Project: Former Inland Fisher Guide Plant, Syracuse, NY

Report No.: ST2318SL-06-09-03

Client: Royal Environmental, Inc.

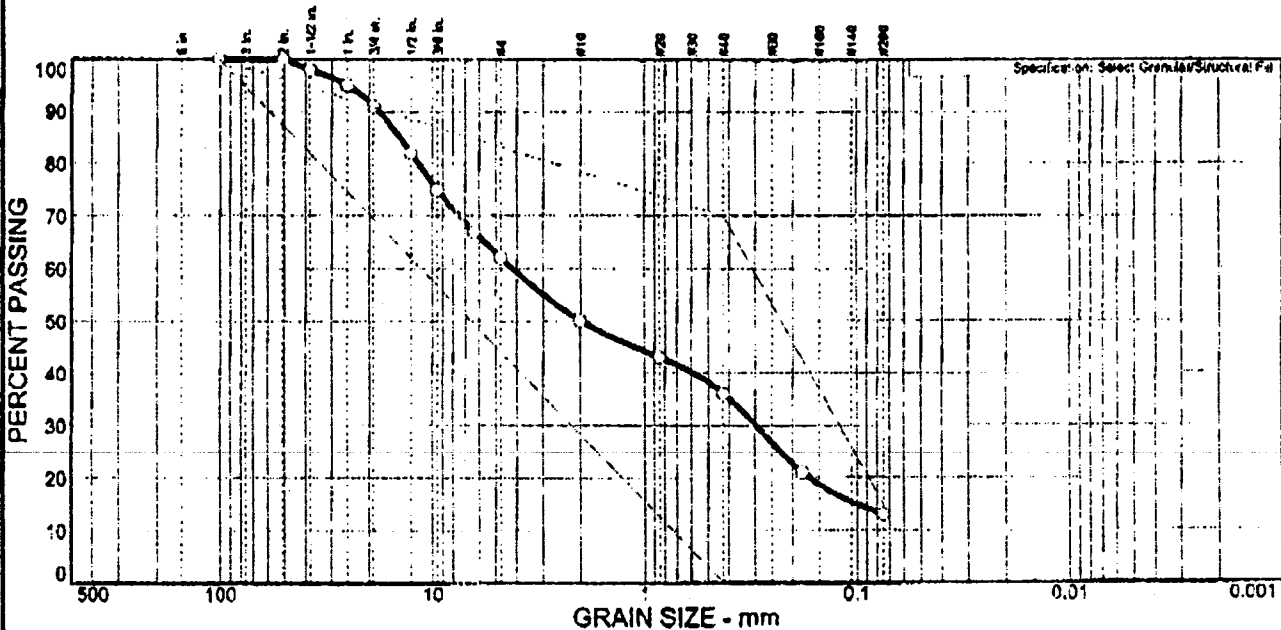
Date: 09/12/03

Sample No: ST2318S08

Source of Sample: Central Square Gravel

Location: On-Site Stockpile

Elev./Depth: NA



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	9	29	12	14	23	13	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
4 in.	100	100 - 100	
2 in.	100		
1.5 in.	98		
1 in.	95		
3/4 in.	91		
1/2 in.	82		
3/8 in.	75		
1/4 in.	67		
#4	62		
#10	50		
#20	43		
#40	36	0 - 70	
#60	21		
#200	13	0 - 15	

Soil Description
Brown cmf- SAND, little Silt/Clay, some cmf+ Gravel

Atterberg Limits
PL= LL= PI=

Coefficients
D₈₅= 14.4 D₆₀= 4.20 D₅₀= 2.00
D₃₀= 0.300 D₁₅= 0.101 D₁₀=
C_u= C_c=

Classification
USCS= SM AASHTO= NA

Remarks
Delivered by Client on 09/11/03
ASTM D 422 (without hydrometer)

* Select Granular/Structural Fill

ATLANTIC TESTING LABORATORIES, LIMITED
REVIEWED FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

Reviewed by: [Signature]

Date: 7/12/03

O'BRIEN & GERE ENGINEERS, INC.
Date 10/3/03 By BAK

atl ATLANTIC TESTING LABORATORIES, Limited

Syracuse
5866 State Route 31
Cicero, NY 13039
315/699-5281 (T)
315/699-3374 (F)

TRANSMITTAL

September 23, 2003

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 10/30/03 By BAK

Re: Laboratory Testing
Former Inland Fisher Guide Plant
Syracuse, New York
ATL File No. ST2318

Enclosed is one copy of the following test report:

ST2318SL-06-09-03

Compaction Test Report

September 15, 2003 (Monday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

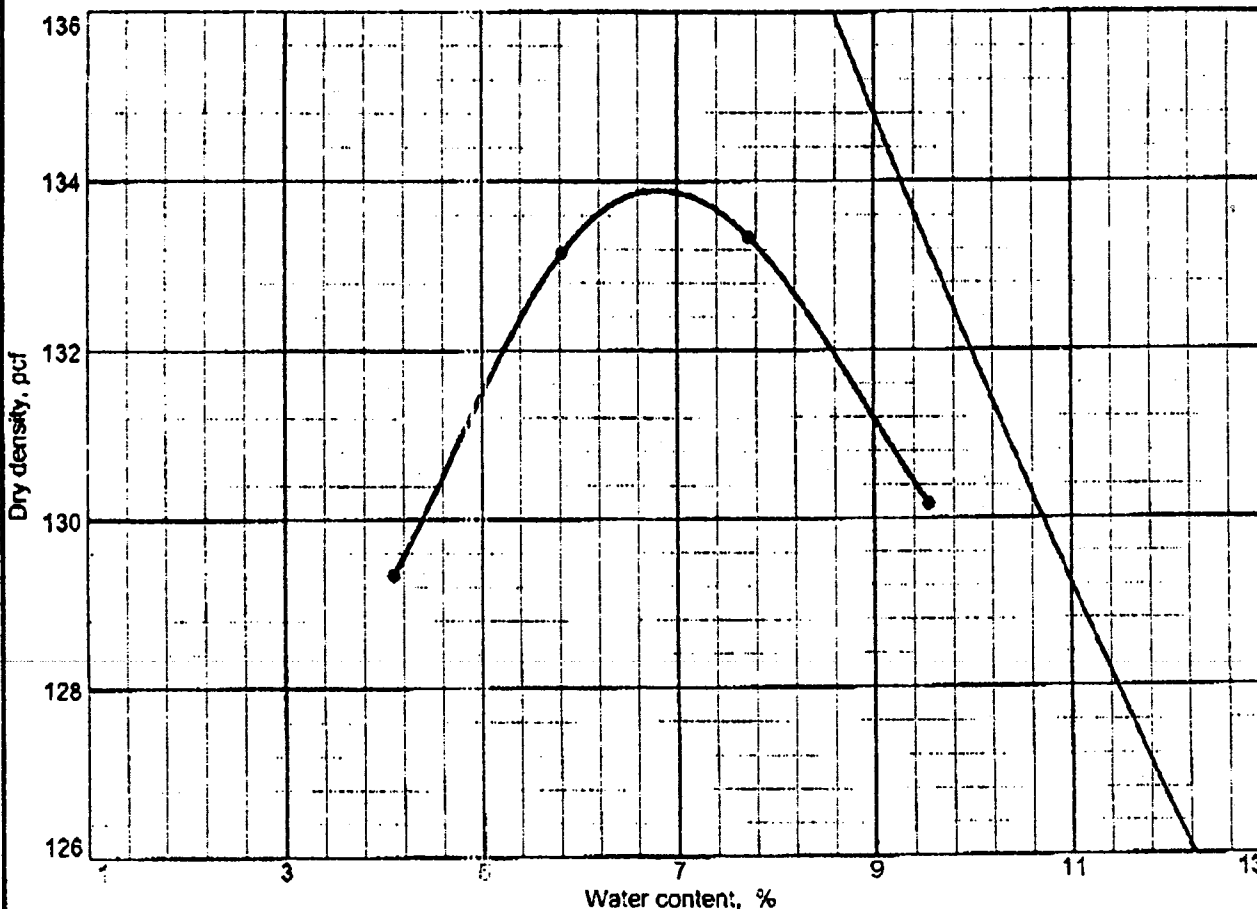


Thomas R. Bundle
Division Manager
Syracuse Testing Division
tbundle@atlantictesting.com

TRB/taf
Enclosure



COMPACTION TEST REPORT



ZAV for Sp.G. = 2.68

Test specification: ASTM D 698-00a Method C Standard
Oversize correction applied to each point

Elev/ Depth	Classification		Received Moist.	Sp.G.	LL	PL	PI	% > 3/4 in.
	USCS	AASHTO						
NA	SM	NA	N/A	2.68	N/A	N/A	N/A	9.0

CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 133.9 pcf Optimum moisture = 6.8 %	Brown: cmf+ SAND, little Silt/Clay, some cmf+ Gravel
Report No.: ST2318SL-06-09-03 Client: Royal Environmental, Inc. Project: Former Inland Fisher Guide Plant, Syracuse, NY Sample No.: ST2318S08 Source of Sample: Central Square Gravel Location: On-Site Stockpile Date: 09/15/03	Remarks: Delivered by Client on 9/11/03 ASTM D 693, Method C Moist Preparation Rammer: Manual Specific Gravity: Assumed

ATLANTIC TESTING LABORATORIES REVIEWED

REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

Reviewed by: *[Signature]*

O'BRIEN & GERE ENGINEERS, INC.
Date: 10/3/03 By: BAK

Date: 9/15/03

atl ATLANTIC TESTING LABORATORIES, Limited

Syracuse
1866 State Route 31
Cicero, NY 13039
315/699-5281 (T)
315/699-3374 (F)

TRANSMITTAL

September 23, 2003

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 10/3/03 By BAK

Re: Soil Testing
SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No. ST2318


Field density test results for the Drainage Swale IRM
and the SPEDES Treatment System IRM in
separate submittals. See correspondence for
further explanation.

Enclosed is one copy of the following test reports:

ST2318S-16-09-03	Daily Soil Report	September 12, 2003	(Friday)
ST2318S-17-09-03	Daily Soil Report	September 15, 2003	(Monday)
ST2318S-18-09-03	Daily Soil Report	September 16, 2003	(Tuesday)
ST2318S-19-09-03	Daily Soil Report	September 16, 2003	(Tuesday)
ST2318S-20-09-03	Daily Soil Report	September 17, 2003	(Wednesday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited


Thomas R. Bundle
Division Manager
Syracuse Testing Division
tbundle@atlantictesting.com

TRB/taf
Enclosures



DAILY SOIL REPORT NUMBER ST2318S-16-09-03

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York

DATE: September 12, 2003
ATL REPRESENTATIVE: J. Radley

CONTRACTOR: Royal Environmental

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33267

Moisture Standard: 597
Density Standard: 2655

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the in-situ material (ATL Sample No. ST23815-01), placed and compacted as site backfill.

Project specifications require 90% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), and Compaction (%). It contains 10 rows of test data.

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 10/30/03 By BAK

Test No.	Test Location	Elevation	Optimum Moisture Content (%)	Maximum Dry Density (pcf)	Field Wet Density (pcf)	Field Moisture Content (%)	Field Dry Density (pcf)	Compaction (%)
11	90' South of North limit, 175' East of West limit	-1.0	10.8	124.2	126.5	10.7	114.3	92
12	138' South of North limit, 168' East of West limit	-1.5	10.8	124.2	133.3	14.4	116.2	94
13	145' South of North limit, 210' East of West limit	-1.5	10.8	124.2	121.7	9.4	110.7	89
14	80' South of North limit, 215' East of West limit	-2.0	10.8	124.2	129.9	11.8	116.2	94
15	25' South of North limit, 205' East of West limit	-2.5	10.8	124.2	124.8	7.9	115.7	93
16	15' South of North limit, 260' East of West limit	-2.5	10.8	124.2	134.1	8.8	123.2	99
17	65' South of North limit, 255' East of West limit	-2.0	10.8	124.2	133.9	5.3	127.1	100+
18	170' South of North limit, 255' East of West limit	-1.5	10.8	124.2	133.5	6.0	125.9	100+
19	170' South of North limit, 120' West of East limit	-1.5	10.8	124.2	125.5	6.9	117.4	95
20	75' South of North limit, 120' West of East limit	-2.0	10.8	124.2	137.9	11.0	124.3	100
21	15' South of North limit, 120' West of East limit	-1.5	10.8	124.2	133.4	8.2	123.3	99
22	20' South of North limit, 65' West of East limit	-1.5	10.8	124.2	129.8	8.5	119.6	96
23	85' South of North limit, 55' West of East limit	-2.0	10.8	124.2	134.3	9.4	122.8	99
24	150' South of North limit, 55' West of East limit	-2.0	10.8	124.2	136.6	8.7	125.7	100+

REMARKS

Test elevations are referenced from the top of pavement.

Mr. David Woodruff, representing Royal Environmental was informed of all observations and test results prior to departure from the site.

REVIEWED AND NOTED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 10/3/03 By BAK

Reviewed by



Date:

9/22/03



DAILY SOIL REPORT NUMBER ST2318S-17-02-03

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York

DATE: September 15, 2003
ATL REPRESENTATIVE: D. Brazell

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT

CONTRACTOR: Royal Environmental

NUCLEAR DENSITY GAUGE DATA

DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33275

Moisture Standard: 723
Density Standard: 2719 Date 10/3/03 By BAK

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the brown sand and gravel supplied by Central Square Gravel (ATL Sample No. ST2318S-08) placed and compacted as utility pole excavation backfill.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), and Compaction (%). It contains 6 rows of test data for Utility Pole Excavation (#2).

REMARKS

Test elevations are referenced from the top of excavation subgrade.
A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by: [Signature] Date: 9/22/03



DAILY SOIL REPORT NUMBER ST2318S-17-09-03

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: September 15, 2003
ATL REPRESENTATIVE: D. Brazell

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33275

Moisture Standard: 723
Density Standard: 27.9

Date 10/30/03 By BAK

NUCLEAR DENSITY GAUGE DATA

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the in-situ material (ATL Sample No. ST2318S-01), placed and compacted as north swale construction backfill, north of treatment building.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), Compaction (%). Rows 1-4 show test results at various locations west of the treatment building.

REMARKS

Test elevations are referenced from the top of north swale subgrade.
A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by: [Signature]

Date: 9/22/03



DAILY SOIL REPORT NUMBER ST2318S-18-09-03

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: September 16, 2005 (Tuesday)
ATL REPRESENTATIVE: T. Bundle/D. Brazell

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT

NUCLEAR DENSITY GAUGE DATA

DOCUMENTS

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33275

Moisture Standard: 729
Density Standard: 272

O'BRIEN & GERE ENGINEERS, INC.

Date 10/30/03 By BAK

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the brown sand and gravel supplied by Central Square Gravel (ATL Sample No. ST2318S-08), placed and compacted as utility pole excavation backfill.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), and Compaction (%). It contains two sections of data for Utility Pole Excavation (#2) and Utility Pole Excavation (#5).

Test No.	Test Location	Elevation	Optimum Moisture Content (%)	Maximum Dry Density (pcf)	Field Wet Density (pcf)	Field Moisture Content (%)	Field Dry Density (pcf)	Compaction (%)
8	5' West from East side	-5.0'	6.8	133.9	137.0	6.0	129.3	97
9	5' East from West side	-2.0'	6.8	133.9	137.7	6.4	129.4	97
10	5' West from East side	-2.0'	6.8	133.9	136.5	6.6	128.1	96
11	5' East from West side	0.0	6.8	133.9	136.9	6.7	128.3	96
10	5' West from East side	0.0	6.8	133.9	139.3	6.9	130.3	97

REMARKS

Test elevations are referenced from the top of excavation subgrade.
 A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
 Date 10/3/03 By BAK

Reviewed by:  Date: 9/22/03



ATLANTIC TESTING LABORATORIES, Limited

DAILY SOIL REPORT NUMBER ST2318S-19-09-03

CLIENT: Royal Environmental
 PROJECT: SPEDES Treatment System IRM and
 Former Drainage Swale IRM
 Former Inland Fisher Guide Plant (General Motors)
 Syracuse, New York
 CONTRACTOR: Royal Environmental

DATE: September 16, 2003 (Tuesday)
 ATL REPRESENTATIVE: T. Bundle/D. Brazell

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

NUCLEAR DENSITY GAUGE DATA
 Gauge Model No.: Troxler 3430
 Gauge Serial No.: 33275
 Moisture Standard: 729
 Density Standard: 2728 Date 10/30/03 By BAK
O'BRIEN & GERE ENGINEERS, INC.

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the in-situ material (ATL Sample No. ST2318S-01) placed and compacted as North swale construction backfill, north of treatment building.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Test No.	Test Location	Elevation	Optimum Moisture Content (%)	Maximum Dry Density (pcf)	Field Wet Density (pcf)	Field Moisture Content (%)	Field Dry Density (pcf)	Compaction (%)
North Swale (Adjacent Treatment Building)								
1	20' East, 15' North of Northeast corner of treatment building	0.0	10.8	124.2	132.8	10.4	120.2	97
2	25' West, 10' North of Northwest corner of treatment building	0.0	10.8	124.2	136.1	12.0	121.5	98
3	15' East, 12' North of Northwest corner of treatment building	0.0	10.8	124.2	130.9	10.7	118.3	95
4	20' west, 10' North of Northeast corner of treatment building	0.0	10.8	124.2	132.1	8.3	122.0	98
5	50' West of treatment building	0.0	10.8	124.2	132.5	9.2	121.3	98
6	100' West of treatment building	0.0	10.8	124.2	132.8	9.2	121.6	98
7	150' West of treatment building	0.0	10.8	124.2	128.2	9.1	117.5	95

REMARKS

Test elevations are referenced from the top of north swale subgrade.
 A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by: [Signature] Date: 9/22/03



DAILY SOIL REPORT NUMBER ST2318S-20-09-03

Page 1 of 2
(Wednesday)

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: September 17, 2003
ATL REPRESENTATIVE: J. Radley

REVIEWED AND NOTED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT

NUCLEAR DENSITY GAUGE DATA

DOCUMENTS

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33275

Moisture Standard: 725
Density Standard: 2728

O'BRIEN & GERE ENGINEERS, INC.

Date 10/3/03 By BAK

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the brown sand and gravel supplied by Central Square Gravel (ATL Sample No. ST2318S-08), placed and compacted as utility pole excavation backfill.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Test No.	Test Location	Elevation	Optimum Moisture Content (%)	Maximum Dry Density (pcf)	Field Wet Density (pcf)	Field Moisture Content (%)	Field Dry Density (pcf)	Compaction (%)
Utility Pole Excavation (#4)								
1	12' South and 12' East of Northwest corner	-9.0'	6.8	133.9	134.8	6.2	127.0	95
2	10' South and 15' East of Northwest corner	-8.0'	6.8	133.9	138.6	6.8	129.7	97
3	15' South and 15' East of Northwest corner	-7.0'	6.8	133.9	135.4	6.6	126.3	95
4	5' South and 15' East of Northwest corner	-7.0'	6.8	133.9	137.9	6.7	128.6	96
5	20' South and 10' East of Northwest corner	-6.0'	6.8	133.9	137.4	6.8	128.2	96
6	8' South and 10' East of Northwest corner	-5.0'	6.8	133.9	138.9	6.8	127.3	97
7	10' South and 20' East of Northwest corner	-5.0'	6.8	133.9	134.2	6.3	126.1	95
8	15' South and 5' East of Northwest corner	-3.0'	6.8	133.9	133.9	6.0	126.7	95
9	18' South and 15' East of Northwest corner	-1.0'	6.8	133.9	136.4	6.7	126.9	96
10	20' South and 20' East of Northwest corner	0.0'	6.8	133.9	140.1	6.8	129.6	97
Utility Pole Excavation (#10)								
11	5' South and 5' East of Northwest corner	-13.0'	6.8	133.9	133.9	6.2	126.3	95
12	7' south and 10' East of Northwest corner	-12.0'	6.8	133.9	139.5	6.8	130.0	97
13	10' South and 4' East of Northwest corner	-10.0'	6.8	133.9	136.6	6.6	126.4	96

Test No.	Test Location	Elevation	Optimum Moisture Content (%)	Maximum Dry Density (pcf)	Field Wet Density (pcf)	Field Moisture Content (%)	Field Dry Density (pcf)	Compaction (%)
14	12' South and 10' East of Northwest corner	-8.0'	6.8	133.9	133.4	6.0	126.0	95
15	7.5' South and 15' East of Northwest corner	-6.0'	6.8	133.9	137.7	6.8	128.9	96
16	12.5' South and 10' East of Northwest corner	-4.0'	6.8	133.9	140.0	6.9	130.6	97
17	12' South and 2' East of Northwest corner	-1.0'	6.8	133.9	133.6	6.1	126.1	95

REMARKS

Test elevations are referenced from the top of excavation subgrade.
 Mr. Dave Woodruff representing Royal Environmental was informed of all observations and test results prior to departure from the site.

REVIEWED AND NOTED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 10/3/03 By BAK

Reviewed by:



Date:

9/22/03



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 011
Subject: Former Landfill IRM – Submittals for Technical Specification Section 02295, Part 1.3, A-F and I
Project No.: 60709-5
Date: September 25, 2003

Attached you will find the following:

- Affidavit letter from Stace Backhoe & Trucking. The letter details the source and location of borrow material for the barrier protection layer (submittals 1.3 A and 1.3 B), and serves as the affidavit submittal (submittal 1.3 I).
- Memorandum from Royal listing the laboratories used for material testing (submittal 1.3 C).
- Results of the laboratory testing (submittal 1.3 E).
- Laboratory certification of the barrier protection material (submittal 1.3 F).

The barrier protection layer material was tested for Particle Size Analysis (ASTM D422) and Compaction Characteristics (ASTM D698) at Atlantic Testing Laboratories (submittal 1.3 D).

The remaining required submittals will be forwarded for approval once the barrier protection layer installation is accomplished and testing has been performed.

atl ATLANTIC TESTING LABORATORIES, Limited

Syracuse
5866 State Route 31
Cicero, NY 13039
315/699-5281 (T)
315/699-3374 (F)

TRANSMITTAL

September 23, 2003

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

Re: Laboratory Testing
Former Inland Fisher Guide Plant
Syracuse, New York
ATL File No. ST2318

Enclosed is one copy of the following test report:

ST2318SL-06-09-03

Compaction Test Report

September 15, 2003 (Monday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited



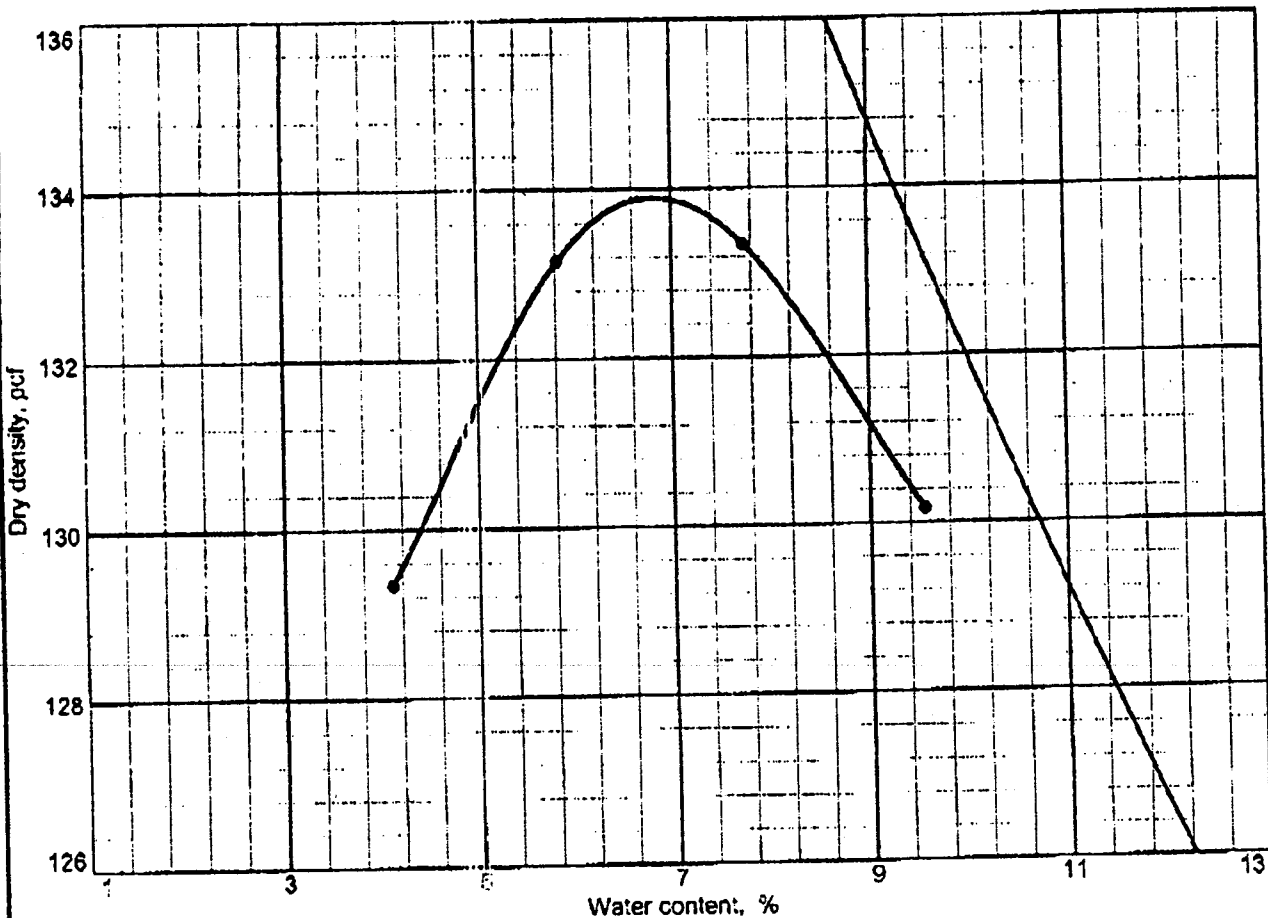
Thomas R. Bundle
Division Manager
Syracuse Testing Division
tbundle@atlantictesting.com

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 10/9/03 By BAK

TRB/taf
Enclosure



COMPACTION TEST REPORT



ZAV for Sp.G. = 2.68

Test specification: ASTM D 698-00a Method C Standard
 Oversize correction applied to each point

Elev/ Depth	Classification		Received Moist.	Sp.G.	LL	PL	PI	% > 3/4 in.
	USCS	AASHTO						
NA	SM	NA	N/A	2.68	N/A	N/A	N/A	9.0

CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 133.9 pcf Optimum moisture = 6.8 %	Brown cmf+ SAND, little Silt/Clay, some cmf+ Gravel
Report No.: ST2318SL-06-09-03 Client: Royal Environmental, Inc. Project: Former Inland Fisher Guide Plant, Syracuse, NY Sample No.: ST2318S08 Source of Sample: Central Square Gravel Location: On-Site Stockpile Date: 09/15/03	Remarks: Delivered by Client on 9/11/03 ASTM D 693, Method C Moist Preparation
COMPACTION TEST REPORT ATLANTIC TESTING LABORATORIES, LIMITED	
Rammer: Manual Specific Gravity: Assumed	

Reviewed by: [Signature] Date: 9/15/03
 REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Date: 10/9/03 By: BAK



REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

PROJECT SUBMITTAL Date 10/12/04 By NMK

Project Name: Former Landfill IRM
Submittal No.: 016
Subject: Former Landfill IRM – Submittal for Technical Specification Section
02295 (Barrier Protection Layer)
Project No.: 60709-5
Date: September 30, 2004

Attached you will find daily soil report (in-place field density testing) for tests performed on July 30, 2004 on barrier protection layer material placed on the slope on the northern portion of the landfill.



Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

August 2, 2004

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 10/12/04 By NMB

Re: Soil Testing
SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No. ST2318

Enclosed is one copy of the following test report:

ST2318S-25-07-04 Daily Soil Report July 30, 2004 (Friday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

David J. Wells
Division Manager
dwells@atlantictesting.com

DJW/tam

Enclosure



DAILY SOIL REPORT NUMBER ST2318S-25-07-04

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: July 30, 2004 (Friday)
ATL REPRESENTATIVE: D. Devaul

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3440 Moisture Standard: 735
Gauge Serial No.: 22904 Density Standard: 2778

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the Brown Silt, some Clay, some cmft Sand, trace mf Gravel (ATL Report No.: ST2318S-07), imported by Stace Backhoe & Trucking, Inc., placed and compacted as barrier protection material.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), Compaction (%). Contains 3 rows of test data.

REMARKS

Test elevations are references from top of barrier protection material.
A representative of O'Brien & Gere was informed of all observations and test results prior to departure from the site.

Reviewed by: [Signature] Date: 8/2/04

REVIEWED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 10/12/04 By [Signature]

Rip-rap characteristics



PROJECT SUBMITTAL

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 10/9/04 By DMK

Project Name: Former Landfill IRM
Submittal No.: 020
Subject: Former Landfill IRM – Submittal for Technical Specification Section
02271 (Dumped Rip-rap)
Project No.: 60709-5
Date: October 7, 2004

Attached you will find two items:

1. A letter from the rip-rap supplier (Hanson Aggregates New York) that certifies that the Fine Rip-rap material produced at their Jamesville, New York plant meets NYSDOT specifications. Note that mechanical analysis (sieve analysis) is not typically performed on rip-rap material.
2. An affidavit of clean material from Hanson Aggregates New York.



Hanson Aggregates East
Northeast Region
P.O. Box 513
Jamesville, NY 13078
Tel: +315 489 5501
Fax: +315 469 3133

October 6, 2004

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 10/19/04 By NMK

Royal Environmental
1 General Motors Drive
Syracuse, New York 13206

Re: Stone Fill Items

Gentlemen:

As per your inquiry, all the Limestone Stone Fill items (Fine, Light, Medium, Heavy and Dry Rip Rap) produced at our Jamesville, NY plant meet the New York State Department of Transportation specifications for Item 620-2.02 Stone Filling. All these items have been accepted by and are currently being supplied to NYSDOT projects. The Jamesville plant is an approved NYSDOT source (#3-3RS) with a biennial test No. 03-AR-7S.

I certify the above information is correct to the best of my knowledge and if I can be of any help, please feel free to call me.

Sincerely,

Hanson Aggregates New York, Inc.

A handwritten signature in cursive script that reads "Thomas A. Jones".

Thomas A. Jones
Sales Manager



Hanson Aggregates East
Northeast Region
P.O. Box 513
Jamesville, NY 13078
Tel +315 469 5501
Fax +315 469 3133

October 8, 2004

Royal Environmental
1 General Motors Drive
Syracuse, New York 13206

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 10/19/04 By RMK

Re: Materials supplied from the Jamesville plant

To Whom it May Concern:

This is to certify that any materials supplied to Royal Environmental, Inc. from our Jamesville, New York quarry will be produced from limestone ledge rock. The material was not obtained from a known federal, state, local or private contaminated land site.

To the best of my knowledge all materials supplied will be clean and free from hazardous contaminants.

Sincerely,

Hanson Aggregates New York, Inc.

A handwritten signature in cursive script that reads "Thomas A. Jones".

Thomas A. Jones
Sales Manager

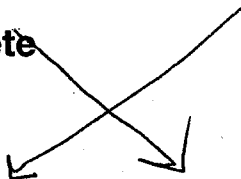
Geotextile filter fabric CQC – Physical properties

Mirafi® 500X

for Interlocking Concrete
Paver Stabilization

Mirafi® 140N

for Subsurface Drainage



Property / Test Method	Unit	140N
MECHANICAL PROPERTIES		
Grab Tensile Strength		
ASTM D 4632		
Strength @ Ultimate	kN (lbs)	0.53 (120)
Elongation @ Ultimate	%	50
Mullen Burst Strength		
ASTM D 3786	kPa (psi)	1550 (225)
Trapezoidal Tear Strength		
ASTM D 4355	kN (lbs)	0.22 (50)
Puncture Strength		
ASTM D 4833	kN (lbs)	0.30 (65)
UV Resistance after 500 hrs.		
ASTM D 4355	% strength	70
HYDRAULIC PROPERTIES		
Apparent Opening Size (AOS)		
ASTM D 4751	US Sieve (mm)	70 (2.81)
Permittivity		
ASTM D 4491	sec ⁻¹	1.8
Flow Rate		
ASTM D 4491	l/min/m ² (gal/min/ft ²)	5500 (135)
Packaging		
Roll Width	m(ft)	3.8 (12.5) 4.5 (15.0)
Roll Length	m(ft)	110 (360)
Est. Gross Weight	kg(lbs)	74 (164) 89 (197)
Area	m ² (yd ²)	418 (500) 502(600)

Property / Test Method	Unit	500X
MECHANICAL PROPERTIES		
Grab Tensile Strength		
ASTM D 4632		
Strength @ Ultimate	kN (lbs)	0.90 (200)
Elongation @ Ultimate	% MD/ CD	15/ 10
Mullen Burst Strength		
ASTM D 3786	kPa (psi)	2756 (400) <i>1900 - (275)</i>
Trapezoidal Tear Strength		
ASTM D 4355	kN (lbs)	0.33 (75)
Puncture Strength		
ASTM D 4833	kN (lbs)	0.40 (90) <i>- SAME</i>
UV Resistance after 500 hrs.		
ASTM D 4355	% strength	70
HYDRAULIC PROPERTIES		
Apparent Opening Size (AOS)		
ASTM D 4751	US Sieve (mm)	50 (2.0)
Permittivity		
ASTM D 4491	sec ⁻¹	0.05
Packaging		
Roll Width	m(ft)	3.8 (12.5) 5.3 (17.5)
Roll Length	m(ft)	132 (432)
Est. Gross Weight	kg(lbs)	94.2 (309)
Area	m ² (yd ²)	95 (210) 502 (600)

www.mirafi.com

WARRANTY

MIRAFI® Construction Products assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. MIRAFI® disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

PDS.500x140n.0304

CORPORATE OFFICE

365 South Holland Drive • Pendergrass, GA 30567
(888) 795-0808 • (706) 693-2226 • Fax (706) 693-4400



Ten Cate Nicolon

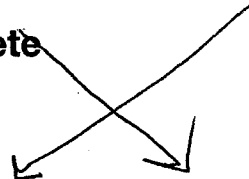
Geotextile stabilization fabric CQC – Physical properties

Mirafi® 500X

for Interlocking Concrete
Paver Stabilization

Mirafi® 140N

for Subsurface Drainage



Property / Test Method	Unit	140N
MECHANICAL PROPERTIES		
Grab Tensile Strength		
ASTM D 4632		
Strength @ Ultimate	kN (lbs)	0.53 (120)
Elongation @ Ultimate	%	50
Mullen Burst Strength		
ASTM D 3786	kPa (psi)	1550 (225)
Trapezoidal Tear Strength		
ASTM D 4355	kN (lbs)	0.22 (50)
Puncture Strength		
ASTM D 4833	kN (lbs)	0.30 (65)
UV Resistance after 500 hrs.		
ASTM D 4355	% strength	70
HYDRAULIC PROPERTIES		
Apparent Opening Size (AOS)		
ASTM D 4751	US Sieve	70
	mm	0.212
Permittivity		
ASTM D 4491	sec ⁻¹	1.8
Flow Rate		
ASTM D 4491	l/min/m ² (gal/min/ft ²)	5500 (135)
Packaging		
Roll Width	m(ft)	3.8 (12.5) 4.5 (15.0)
Roll Length	m(ft)	110 (360)
Est. Gross Weight	kg(lbs)	74 (164) 89 (197)
Area	m ² (yd ²)	418 (500) 502(600)

Property / Test Method	Unit	500X
MECHANICAL PROPERTIES		
Grab Tensile Strength		
ASTM D 4632		
Strength @ Ultimate	kN (lbs)	0.90 (200)
Elongation @ Ultimate	% MD/ CD	15/ 10
Mullen Burst Strength		
ASTM D 3786	kPa (psi)	2756 1900 (400) - (275)
Trapezoidal Tear Strength		
ASTM D 4355	kN (lbs)	0.33 (75)
Puncture Strength		
ASTM D 4833	kN (lbs)	0.40 (90) - SAME
UV Resistance after 500 hrs.		
ASTM D 4355	% strength	70
HYDRAULIC PROPERTIES		
Apparent Opening Size (AOS)		
ASTM D 4751	US Sieve	50
	mm	0.30
Permittivity		
ASTM D 4491	sec ⁻¹	0.05
Packaging		
Roll Width	m(ft)	3.8 (12.5) 5.3 (17.5)
Roll Length	m(ft)	132 (432)
Est. Gross Weight	kg(lbs)	94.2 (309)
Area	m ² (yd ²)	95 (210) 502 (600)

www.mirafi.com

WARRANTY

MIRAFI® Construction Products assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. MIRAFI® disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

PDS.500x140n.0304

CORPORATE OFFICE

365 South Holland Drive • Pendergrass, GA 30567
(888) 795-0808 • (706) 693-2226 • Fax (706) 693-4400



Ten Cate Nicolon



Typar® SF

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 2/17/05 By NAK



Property	UNIT	SF20	SF27	SF32	SF37	SF40	SF44	SF49	SF56	SF65	SF77	SF91	SF111
Descriptive Properties													
Area Weight	g/m ²		90		125		150		190		260		375
Thickness under 2kN/m ²	mm		0.38		0.43		0.46		0.54		0.65		0.85
Thickness under 200kN/m ²	mm		0.31		0.37		0.40		0.48		0.59		0.79
Mechanical Properties													
Tensile Strength*	kN/m		5.1		8.0		10.0		12.8		20.0		29.0
Elongation*	%		45		60		60		65		70		70
Strength at 5% elongation*	kN/m		2.9		3.5		4.2		5.7		8.1		12.0
Energy Absorption*	kN/m		2		4		5		7		11		15
Grab Strength	N		430		700		850		1100		1680		2410
Puncture CBR**	N		800		1180		1550		1970		2800		3950
Dyn. Cone Puncture	mm		48		35		28		24		25		15
Burst Strength	kPa		700		1050		1260		1625		2250		3600
Tear Strength	N		190		300		395		460		475		640
Puncture "US Rod"	N		160		225		270		350		475		700
Hydraulic Properties													
Opening Size O ₉₀ Wet	µm		180		135		105		80		60		55
Opening Size O ₉₅ Dry	µm		350		220		200		100		<75		<75
	US Sieve		40		70		70		140		>200		>200
Permittivity	1/s		2.0		1.20		1.10		0.65		0.35		0.20
Flow Rate at 50mm WH	gal/ft min		140		85		80		45		27		10
Permeability at 20 kN/m ²	10 ⁴ m/s		3.6		2.4		2.1		1.4		1.0		0.7
Permeability at 200 kN/m ²	10 ⁴ m/s		2.5		1.7		1.5		1.0		0.7		0.5

* Equivalent to EN ISO 10319 and BS 6906-1
 ** Equivalent to DIN 54307 and BS 6906-4

Durability

Natural UV light	Unaffected
Natural occurring acids and alkali	Unaffected
Lactic acid (pH 2.4) 15 days at 50 °C	Unaffected
Sodium Carbonate (pH 11.6) 15 days at 50 °C	Unaffected
Calcium Hydroxide Ca (OH) ₂ (pH 12.5) 10g/l, 15 days at 25 °C	Unaffected

Product description

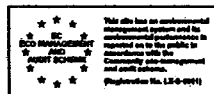
Polymer	High Density Polyethylene (HDPE)
Specific gravity	0.95
Melting point	130 °C
Type of fiber	Monofilament
Fiber diameter	105 µm
Fiber bonding	Thermally fused

The values correspond to average results obtained in our laboratories and outside institutes and are indicative. The right is reserved to make changes at any time without notice.

Packaging Data

Type	width m	length m	area m ²	diameter cm	weight kg	rolls per 20' FCL
SF 20	2.25	250	562	28	72	-
	4.50	200	900	38	154	57
	5.20	400	2080	32	36	40
SF27	2.10	100	210	24	24	-
	4.50	150	675	28	72	56
	5.20	150	780	28	83	55
SF32	2.00	150	300	29	38	-
	4.50	100	450	25	61	66
	4.50	150	675	29	86	56
	5.20	150	780	29	99	55
SF 37	2.10	150	315	29	45	-
	3.50	150	525	29	74	-
	4.50	100	450	27	68	66
	4.50	150	675	29	97	56
	5.20	150	780	29	111	55
SF40	2.10	150	315	31	48	-
	3.50	150	525	31	80	-
	4.50	100	450	27	72	66
	4.50	150	675	31	103	56
	5.20	150	780	31	119	55
SF44	4.50	150	675	31	111	56
	5.20	150	780	31	130	56
SF49	4.50	100	450	26	86	56
	5.20	100	520	26	99	55
SF56	4.50	100	450	29	97	56
	5.20	100	520	29	112	55
SF65	4.50	100	450	30	110	56
	5.20	100	520	30	127	55
SF77	4.50	100	450	32	128	56
	5.20	100	520	32	148	55
SF94	4.50	100	450	35	156	56
	5.20	100	520	35	180	55
SF111	4.50	100	450	37	180	56
	5.20	100	520	37	206	55

400m long rolls available for major projects. For further information, please contact DuPont.



This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

Typar®
DuPont Nonwovens
L-2984 Luxembourg
Tel: +352 3666 5779
Fax: +352 3666 5021

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.



DuPont Nonwovens

Date 2/17/05 By MUK

Fertilizer and seed information

PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 015
Subject: Former Landfill IRM – Submittal for Technical Specification Section 02981 / Special Provision SP-26
Project No.: 60709-5
Date: September 10, 2004

Attached you will find the following submittals for Topsoil and Seeding:

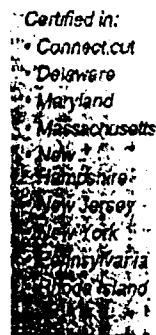
- Laboratory analytical testing data on proposed topsoil material;
- Letter dated October 11, 2002, from Susan Benjamin (NYSDEC) to James Hartnett (GM) – detailing topsoil source approval;
- Affidavit from Owner of the topsoil source;
- Documentation regarding seed vendor and warranty of seed species;
- Fertilizer and mulch vendor's certification; and,
- Hydroseeding application rate information.

Royal proposes to apply the fertilizer, seed and mulch through hydroseeding at the application rates specified in Section 02981.



Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667



REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

ROYAL ENVIRONMENTAL
PO Box 15719

PROJECT # 202413
RECEIVED: 09/26/2002

Rochester, NY 14615
ATTN: Mr. David Woodruff

O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By NMK Site Address:

FORMER SWAIL IRM/SPDES
TREATMENT SYSTEM IRM

CLIENT JOB NUMBER: 9509

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 330081 CLIENT SAMPLE ID: FELLOWS PIT				DATE SAMPLED: 09/26/02	
HYDROGEN ION PH (SOLID)	7.85		10/04/02	SW486 9045C	CSA
MERCURY	<0.048	MG/KG DRY WT.	10/01/02	EPA 7471A	NSH
METALS (TAL)				EPA 6010	
aluminum	8090	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
antimony	<12.2	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
arsenic	<12.2	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
barium	109	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
beryllium	0.26	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
cadmium	0.43	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
calcium	67800	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
chromium	10.9	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
cobalt	5.3	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
copper	14.8	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
Iron	13900	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
lead	31.8	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
magnesium	10500	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
manganese	382	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
nickel	12.5	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
potassium	1890	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
selenium	<12.2	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
silver	1.1	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
sodium	189	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
thallium	<30.5	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
vanadium	28.8	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
zinc	50.2	MG/KG DRY WT.	10/02/02	EPA 6010	NSH
Metals Digestion			10/01/02	EPA 3050B	BDR
Semi-Volatile - 8270 A/B/N				EPA 8270C	
1,2,4-trichlorobenzene	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
1,2-dichlorobenzene	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE

ROYAL ENVIRONMENTAL
PO Box 15719

Rochester, NY 14615
ATTN: Mr. David Woodruff

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By AMK

PROJECT #: 202413
RECEIVED: 09/26/2002

Site Address:
FORMER SWAIL IRM/SPDES
TREATMENT SYSTEM IRM

CLIENT JOB NUMBER: 9509

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 330081	CLIENT SAMPLE ID:	FELLOWS PIT	DATE SAMPLED:	09/26/02	
Semi-Volatile - 8270 A/B/N				EPA 8270C	
bis(2-ethylhexyl) phthalate	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
butyl benzyl phthalate	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
chrysene	0.41	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
dibenz(a,h)anthracene	0.20	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
dibenzofuran	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
diethyl phthalate	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
dimethyl phthalate	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
di-n-butyl phthalate	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
di-n-octyl phthalate	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
fluoranthene	0.83	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
fluorene	<0.08	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
hexachlorobenzene	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
hexachlorobutadiene	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
hexachloroethane	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	0.33	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
isophorone	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
naphthalene	<0.06	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
nitrobenzene	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
n-nitrosodimethylamine	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
n-nitrosodipropylamine	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
pentachlorophenol	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
phenanthrene	0.46	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
phenol	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
pyrene	0.77	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
pyridine	<0.30	MG/KG DRY WT.	10/02/02	EPA 8270C	SWE
Solid Soxhlet Extraction			10/01/02	EPA 3540C	MNE
Semi-Volatile - PCB'S				EPA 8082	
aroclor 1016	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
aroclor 1221	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
aroclor 1232	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
aroclor 1242	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
aroclor 1248	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
aroclor 1254	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
aroclor 1260	<0.60	MG/KG DRY WT.	09/28/02	EPA 8082	SWE
Solid Soxhlet Extraction			10/01/02	EPA 3540C	MNE
SOLIDS, TOTAL	82	PERCENT	09/27/02	SM18 2540B	CSA
TOTAL ORGANICS	8	PERCENT	10/03/02	SM 18 2540E	CSA



ROYAL ENVIRONMENTAL
PO Box 15719

Rochester, NY 14615
ATTN: Mr. David Woodruff

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By DMK

PROJECT #: 202413
RECEIVED: 09/26/2002

Site Address:
FORMER SWAIL IRM/SPDES
TREATMENT SYSTEM IRM

CLIENT JOB NUMBER: 9509

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 330081	CLIENT SAMPLE ID:	FELLOWS PIT	DATE SAMPLED:	09/26/02	
TOTAL ORGANICS	8	PERCENT	10/03/02	SM 18 2540E	CSA
Volatile - 8260					
1,1,1,2-tetrachloroethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,1,1-trichloroethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,1,2-trichloroethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,1-dichloroethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,1-dichloroethene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,1-dichloropropene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2,3-trichlorobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2,3-trichloropropane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2,4-trimethylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2-dibromo-3-chloropropane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2-dibromoethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2-dichlorobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2-dichloroethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,2-dichloropropane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,3,5-trimethylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,3-dichlorobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,3-dichloropropane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
1,4-dichlorobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
2,2-dichloropropane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
2-butanone	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
2-chlorotoluene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
2-hexanone	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
4-chlorotoluene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
4-isopropyltoluene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
4-methyl-2-pentanone	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
acetone	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
acrylonitrile	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
benzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
bromobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
bromochloromethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
bromodichloromethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
bromoform	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
bromomethane	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
carbon disulfide	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
carbon tetrachloride	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
chlorobenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
chloroethane	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE



ROYAL ENVIRONMENTAL
PO Box 15719

Rochester, NY 14615
ATTN: Mr. David Woodruff

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

PROJECT #: 202413
RECEIVED: 09/26/2002

Site Address:
FORMER SWAIL IRM/SPDES
TREATMENT SYSTEM IRM

Date 9/21/04 By NMK

CLIENT JOB NUMBER: 9509

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 330081	CLIENT SAMPLE ID:	FELLOWS PIT	DATE SAMPLED:	09/26/02	
Volatile - 8260				EPA 8260B	
chloroform	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
chloromethane	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
cis-1,2-dichloroethene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
cis-1,3-dichloropropene	<0.05	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
dibromochloromethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
dibromomethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
dichlorodifluoromethane	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
ethylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
hexachlorobutadiene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
iodomethane	0.36	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
isopropylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
methylene chloride	0.43	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
mtbe	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
naphthalene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
n-butylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
n-propylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
sec-butylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
styrene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
tert-butylbenzene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
tetrachloroethene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
toluene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
trans-1,3-dichloropropene	<0.05	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
trans-1,4-dichloro-2-butene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
trichloroethene	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
trichlorofluoromethane	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
vinyl acetate	<0.50	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
vinyl chloride	<0.20	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
xylene, m+p	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
xylene, o	<0.10	MG/KG DRY WT.	10/03/02	EPA 8260B	SWE
Soil Extraction for Volatiles			10/02/02	EPA 5035	SWE



ROYAL ENVIRONMENTAL
PO Box 15719

Rochester, NY 14615
ATTN: Mr. David Woodruff

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

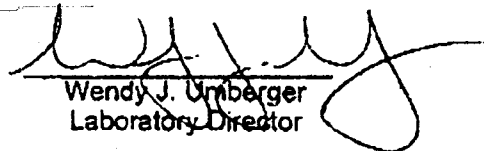
PROJECT #: 202413
RECEIVED: 09/26/2002

Site Address:
FORMER SWAIL IRM/SPDES
TREATMENT SYSTEM IRM

Date 9/21/04 By NMK

CLIENT JOB NUMBER: 9509

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
----------------	---------	-------	---------------------	---------------	--------------


Wendy J. Umberger
Laboratory Director

10/04/2002
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.



New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Central Remedial Action, 12th Floor
825 Broadway, Albany, New York 12233-7016
Phone: (518) 402-9768 • FAX: (518) 402-9020
Website: www.dec.state.ny.us



October 11, 2002

James Hartnett
General Motors Corporation
Remediation Project Office
Rte 37, Box 460
Massena, NY 13662-0460

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By NMK

Re: General Motors - Former Inland Fisher Guide Facility/Ley Creek Deferred Media Site
Administrative Order on Consent Index #D-7-0001-97-06
Interim Remedial Measure - SPDES Treatment System - Off-site topsoil

Dear Mr. Hartnett:

The information contained in your letter of October 9, 2002 regarding topsoil for the above IRM has been reviewed by the New York State Department of Environmental Conservation.

Based upon the analyses and results of the contaminant levels in the top soil, the off-site topsoil is approved for use for the retention pond. However, additional sampling and analyses will be necessary if there is a change in material composition, physical properties, or source location. Although the contaminant levels are acceptable, the topsoil must still meet all other criteria in accordance with the IRM work plan, such as the ability to sustain vegetative growth.

If you have any questions concerning this letter, please call me at 518-402-9767.

Sincerely,

Susan Benjamin
Project Manager

cc: L. Fitzpatrick
B. Kogut
C. Leary

DOUG FELLOWS TRUCKING

3001 Pleasant Valley Road
Marcellus, NY 13108
(315)673-2952 or (315)729-2622

October 9, 2002

Re: Borrow Material Affidavit

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 9/21/04 By NMK

To Whom It May Concern:

I, Douglas P. Fellows, contract with the owners of the properties known as Smith Hollow Pond at 3045 Smith Road, Marietta, NY 13110, and Fellows Trucking / Heer's gravel pit at Tanner Road, Nedrow, 13120.

To the best of my knowledge, these sites of the source materials for the topsoil to be provided to Royal Environmental for use at the Former Inland Fiber Guide Plant (GM), SPDES Treatment System Project, were never used as a dump site for chemical, toxic, hazardous, or radioactive materials and they are not now nor ever have been listed as suspected depositories for chemical, toxic, hazardous, or radioactive materials by any federal, state, or other governmental agency, department, or bureau.

Signed Douglas P. Fellows

Printed Douglas P. Fellows

Date 10-9-02

Merritt Seed Company

STANLEY M. BOOTS, TURF CONSULTANT

SPECIALIZING IN GRASS SEED MIXTURES • FERTILIZERS • EROSION CONTROL PRODUCTS • PROFILE CONWED FIBERS DISTRIBUTOR • HYDROSEEDING MATERIALS

7880 GATES ROAD, BALDWINVILLE, NEW YORK 13027

TELEPHONE: 315 838-0610 FAX: 315 838-0071

PROUDLY PROVIDING ALL YOUR SEEDING NEEDS SINCE 1958

www.merrittseed.com

September 10, 2004

Millers Landscaping LLC
6741 Happy Valley Rd.
Verona, NY 13478

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By NMK


To whom it may concern:

This is to verify the seed mixture that Merritt Seed Company will supply to Millers Landscaping for use on the GM - Syracuse Project, conforms to the following specifications:

<u>Percent in Mix</u>	<u>Variety</u>	<u>Purity</u>	<u>Germ</u>
50.00%	Kentucky Bluegrass	98.00%	85%
30.00%	Creeping Red Fescue	98.00%	85%
20.00%	Manhattan III Perennial Ryegrass	98.00%	90%

The seed will be packaged in 40 pound sealed bags with labels bearing the Lot Number: MB4263, the Job: GM - Syracuse, and the percentages of the mix for purity, germination, crop seed, weed seed content, and inert material.

I certify that the above information is correct to the best of my knowledge.


Stanley M. Boots
Owner

FINN

7880 GATES ROAD, BALDWINVILLE, NEW YORK 13027
TELEPHONE: 315 638-0610 FAX: 315 638-0071
PROUDLY PROVIDING ALL YOUR SEEDING NEEDS SINCE 1958
www.merrittseed.com

September 10, 2004

Millers Landscaping LLC
6741 Happy Valley Rd.
Verona, NY 13478

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 9/21/04 By NMK

To whom it may concern:

This is to verify the fertilizer that Merritt Seed Company will supply to
Millers Landscaping for use on the GM - Syracuse Project is as follows:

19-19-19

The manufacturer guarantees 19 pounds of available Nitrogen per CWT which is derived
from Diammonium Phosphate and and/or Ureas and/or Sulfate of Ammonia.

The manufacturer guarantees 19 pounds of available P2O5 per CWT, which is derived
from Diammonium Phosphate and/or Monammonium Phosphate and/or Superphosphate.

The manufacturer guarantees 19 pounds of available K2O per CWT, which is derived
from muriate of Potash.

The product is packaged by the manufacturer in 50-pound bags bearing the 19-19-19
marking.

I certify that the above information is correct to the best of my knowledge.


Stanley M. Boots
Owner

7880 GATES ROAD, BALDWINVILLE, NEW YORK 13027

TELEPHONE: 315 638-0810 FAX: 315 638-0071

PROUDLY PROVIDING ALL YOUR SEEDING NEEDS SINCE 1958

www.merrittseed.com

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By NMK

To whom it may concern:

REF: CONWED FIBERS 2000 CERTIFICATION

TO: STATE OR FED AGENCY, PROJECT OWNER, ETC

The manufacturer, PROFILE Products LLC, 750 Lake Cook Road, Suite 440,
Buffalo Grove, IL 60089, CERTIFIES THAT CONWED FIBERS 2000
COMPLIES WITH THE FOLLOWING PRODUCT SPECIFICATIONS:

PHYSICAL PROPERTIES

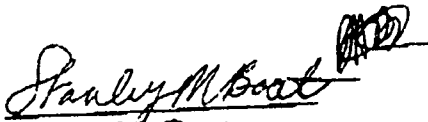
MOISTURE CONTENT	12% +-3
ORGANIC CONTENT	96.2% +- .8
ASH CONTENT	.8% +- .8
GUAR GUM TACKIFIER	3.0% MIN
pH RANGE	4.8 +-1
C FACTOR 2.5:1 SLOPE	.22 (2000 LBS / AC)
WATER HOLDING CAPACITY	1350% MIN

PACKAGING

NET WEIGHT 50 LB BALE, 40 BALES PER PALLET

The wood fiber is packaged in 50 pound units displaying the manufacturer's name
and address, net weight, and customer service telephone.

I certify that the above information is correct to the best of my knowledge.



Stanley M. Boots
Owner

FINN





REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 9/21/04 By AMK

MEMORANDUM

To: Mr. Nathyn Knipe, O'Brien & Gere Engineers
From: Paul Micciche (P.M.)
CC: David Woodruff
Date: September 17, 2004
Re: Addendum to Project Submittal No. 15 – Former Landfill IRM, FIFG (GM)
Syracuse, New York

In accordance with your request, the following text clarifies Royal's intent for application of hydroseed and provides an application rate.

In the Project Submittal of September 10, 2004, Royal stated that, "Royal proposes to apply the fertilizer, seed and mulch through hydroseeding at the application rate specified in Section 02981." As a note of clarification, Royal will apply the Conwed Fibers 2000 product at a rate of 1,500 to 2,000 pounds per acre.

Asphalt testing results and specification information



REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 11/18/03 By BAK

FILE COPY

PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 013
Subject: Former Landfill IRM – Submittal for Special Provision 18
Project No.: 60709-5
Date: November 13, 2003

As per SP-18, A. 4, the attached NYSDOT certification information for Northern Bituminous Mix, Inc. (asphalt vendor for the project) is herein submitted. Attached you will find:

- Letter dated May 198, 2003, from NYSDOT with Hot Mix Asphalt Plant Approval.
- NYSDOT Job Mix Formulas (2) for Type 1 Base (Dense) and type 6F Top Course asphalt materials.



STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
333 EAST WASHINGTON STREET
SYRACUSE, N.Y. 13202

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date: 11/18/03 By BAK

FILE COPY

JON P. EDINGER, P.E.
REGIONAL DIRECTOR

JOSEPH H. BOARDMAN
COMMISSIONER

May 19, 2003

Mr. Thomas Venezia, Jr.
Northern Bituminous Mix, Inc.
6 Silk Road
Fulton, NY 13069

Dear Mr. Venezia:

RE: 2003 HOT MIX ASPHALT
PLANT APPROVAL FAC. NO. #10063

We have completed the inspection of the above referenced Hot Mix Asphalt Plant. It is approved for use on New York State Department of Transportation projects during the 2003 construction season.

When producing material for Department, the producer is required to notify the Regional Materials office by 3:00 p.m. the business day before anticipated production. The notification should be made by completing a copy of the enclosed form and faxing it to this office (315) 469-1614.

Certifications with printed tickets shall be transmitted to the Regional Materials office by the end of the week that the material was shipped. Tickets not batched in the automatic mode or out of tolerance may be rejected.

Failure to notify the Regional Materials office, shipping unauthorized material or not sending copies of all certified shipments weekly can result in rejection of the material and/or in the plant approval being rescinded.

Very truly yours,

JOHN F. SEXTON, P.E.
Materials Engineer

Enclosure

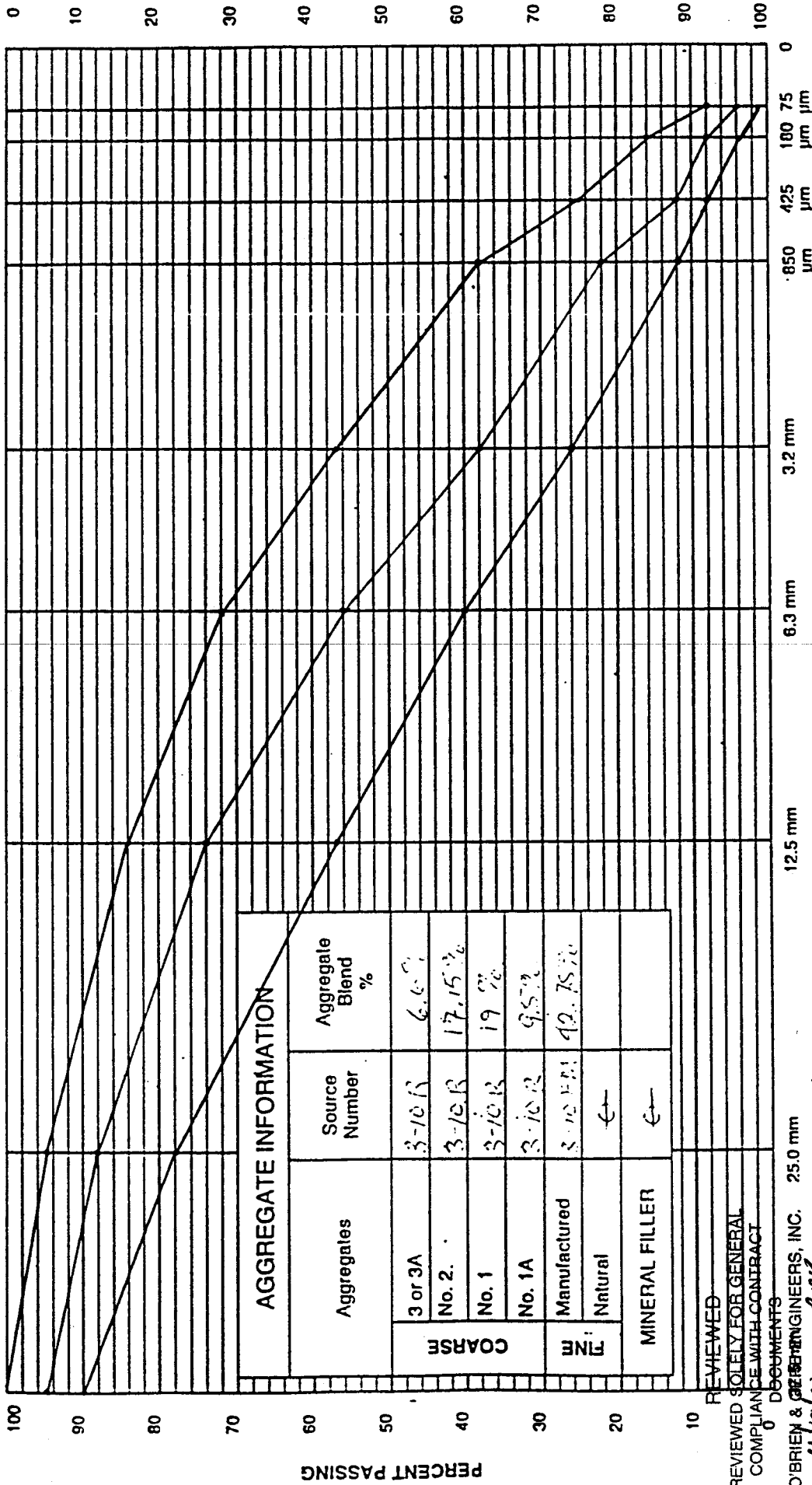
NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
JOB MIX FORMULA



Facility No. 1110003 Formula No. 00031513
 Plant Port Jervis Region 3
 Plant Location Delaware, N.Y. (County No.)
 Submitted By Michael A. Levitt Date 4-2-02

Mix Type TYPE 1 BASE (DENSE)

00031513 (SUBMISSION INSTRUCTIONS ON BACK) FAcNo 10063



PERCENT RETAINED

AGGREGATE INFORMATION

Aggregates	Source Number	Aggregate Blend %
COARSE		
3 or 3A	3-10B	6.6%
No. 2	3-10B	17.15%
No. 1	3-10B	19%
No. 1A	3-10B	9.5%
Manufactured	3-10B	42.75%
Natural	←	
MINERAL FILLER	←	

REVIEWED
 REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

O'BRIEN & GERRARD ENGINEERS, INC. 25.0 mm

Date 11/18/03 By BRK

U.S. STD. SIZES - RAISED TO 0.45 POWER

Sieve Size	50.0 mm	37.5 mm	25.0 mm	12.5 mm	6.3 mm	3.2 mm	850 µm	425 µm	180 µm	75 µm	Asphalt Content (Percent)
1. General Limits	100	90-100	78-95	57-81	40-72	26-57	12-32	8-25	4-16	3-8	7.0 C.C.
2. JMF Range	100	90-100	83-93	68-80	49-63	31-45	15-24	8-19	4-12	2-6	4.6-5.1
3. Target Value	100%	98%	88%	79%	58%	38%	22%	12%	8%	4%	5.2%

Asphalt Grade AC64-3

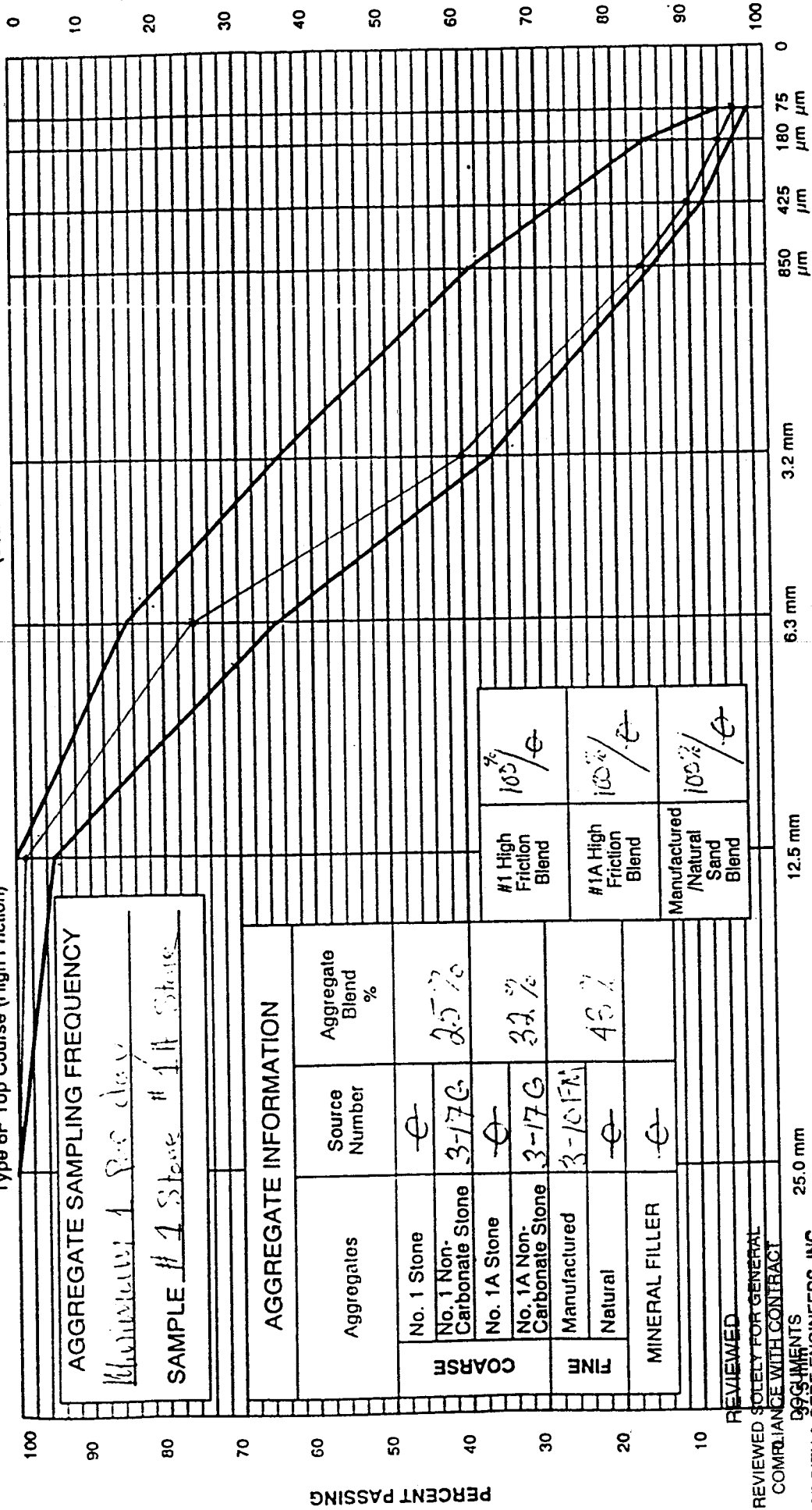
Approved by [Signature] Regional Director Date 4/15/02
 Remarks:



NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
JOB MIX FORMULA
MARSHALL MIX DESIGN
Type 6F Top Course (High Friction)

Facility No. 11/00063 Formula No. 3
Plant Northway Performance Mix, Inc.
Plant Location Valhalla, N.Y. (Orange Co.)
Submitted By Alfred M. Gault Date 1-2-02

(SUBMISSION INSTRUCTIONS ON BACK)



AGGREGATE SAMPLING FREQUENCY
Minimum 1 per day
SAMPLE # 1 Stone # 11 Stone

AGGREGATE INFORMATION		Aggregate Blend %
COARSE	No. 1 Stone	-
	No. 1 Non-Carbonate Stone	3-17G
	No. 1A Stone	-
	No. 1A Non-Carbonate Stone	3-17G
FINE	Manufactured	3-10FA
	Natural	-
MINERAL FILLER		-

#1 High Friction Blend	100% / -
#1A High Friction Blend	100% / -
Manufactured / Natural Sand Blend	100% / -

REVIEWED
FOR GENERAL COMPLIANCE WITH CONTRACT

REVISIONS
O'BRIEN & GERE ENGINEERS, INC.
Date 11/18/03 By BAK

U.S. STD. SIZES - RAISED TO 0.45 POWER

Sieve Size	37.5 mm	25.0 mm	12.5 mm	6.3 mm	3.2 mm	1.25 mm	630 μm	425 μm	180 μm	75 μm	Asphalt Content (Percent)
1. General Limits		100	95-100	85-85	36-65	15-39	8-27	4-16	2-6	5.8-7.0	
2. JMF Range		100	95-100	85-85	33-47	15-25	8-27	4-16	2-6	5.8-6.7	
3. Target Value		100%	98.8%	76%	40%	15.5%	9.9%	5.8%	3.7%	3.1%	6.0%

Asphalt Grade	AC61-22
---------------	---------

Approved by Regional Director _____ Date _____

Remarks: _____



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 018
Subject: Former Landfill IRM – Submittal for Technical Specification Section
Special Provision 18
Project No.: 60709-5
Date: October 7, 2004

Attached you will find a copy of a letter from the New York State Department of Transportation (NYSDOT) to Northern Bituminous Mix, certifying that their plant is in compliance with NYSDOT specifications.

Also attached are four field density test reports. The reports are for the following:

- NYSDOT Type 1 base material (base course) – three reports; and,
- NYSDOT Type 6 top material (wear course) – one report.

Additional field density test reports will be submitted periodically as paving activity proceeds.

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 10/19/04 By NMK



YELLOW

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
333 EAST WASHINGTON STREET
SYRACUSE, N.Y. 13202

JON P. EDINGER, P.E.
REGIONAL DIRECTOR

JOSEPH H. BOARDMAN
COMMISSIONER

June 4, 2004

Mr. Thomas Venezia
Northern Bituminous Mix
32 Silk Road
Fulton, NY 13069-4862

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Dear Mr. Venezia:

Date 10/19/04 By NMK

RE: AUTOMATION APPROVAL
FACILITY NO. 10063

On May 11, 2004, personnel from the Materials Bureau and Regional Materials Section inspected the Northern Bituminous Mix, Inc., 3.6 Mg., permanent bituminous concrete batch plant located at Volney, NY. The automation facilities consists of a Libra Gen II Version 2.72-f-NBM computer control system and an Okidata Microline 320 Turbo digital recorder.

As a result of this inspection, it has been determined that the automation and recordation at this plant are in conformance with the requirements outlined in Section 401 of the New York State Department of Transportation Specifications of January 2, 2002.

When producing for Department projects the following limitations shall apply:

1. The batching of mineral filler will not be permitted.
2. The production of recycle mixes will not be permitted.
3. State Operation Modes:

<u>Switch</u>	<u>Position</u>	<u>Location</u>
Spec/Comm	Spec	Manual Panel

4. All mix designs for NYSDOT production must indicate Spec mix -"Y" in the product records set up.

During the 2004 construction season Region 3 will be utilizing consultant plant inspectors. When producing material for Department, it will be the Producers responsibility to notify the Regional Materials office by 3:00 p.m. the day before anticipated production to arrange for plant inspection or authorization to certify.

Certifications with printed tickets shall be transmitted to the Regional Materials office by the end of the week the material was shipped. Tickets not batched in the specification mode or out of tolerance may be rejected.

Failure to notify the Regional Materials office, shipping unauthorized material or not sending copies of all certified shipments weekly will result in the plant approval being rescinded

Very truly yours,

William E. Welton Jr.

For JOHN F. SEXTON, P.E.
Materials Engineer

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 10/19/04 By UMK



Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

July 30, 2004

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 10/19/04 By NMK

Re: Bituminous Testing
SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No. ST2318

Enclosed is one copy of the following test reports:

ST2318X-07-06-04	Daily Bituminous Report	June 22, 2004	(Tuesday)
ST2318X-08-07-04	Daily Bituminous Report	July 14, 2004	(Wednesday)
ST2318X-09-07-04	Daily Bituminous Report	July 15, 2004	(Thursday)
ST2318X-10-07-04	Daily Bituminous Report	July 16, 2004	(Friday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

David J. Wells
Division Manager
dwells@atlantictesting.com

DJW/TDW/tam

Enclosures



PROJECT INFORMATION

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General
Motors)
Syracuse, New York

DATE: June 22, 2004
ATL REPRESENTATIVE: J. Casler

PAVING CONTRACTOR: Altimate Paving, Inc.

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430

Gauge Serial No.: 20957

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear density testing was performed in accordance with ASTM D 2950 backscatter.

Density tests were performed on the NYSDOT Type 6 Top material supplied from Northern Bituminous, Inc., Fulton, NY, placed and compacted as wearing course over Type 3 Binder material.

Project specifications do not specify a minimum density for the type of material placed. Nuclear density testing was performed to monitor the consistency of the compactive effort applied. Samples of uncompacted material were obtained to perform a Maximum Theoretical Density test in accordance with ASTM D 2041.

WEATHER CONDITIONS: Rain
AMBIENT TEMPERATURE: 66°F

PAVER: Midland Paver
BREAKDOWN ROLLER: CB534 B-10 ton
FINISH ROLLER: Wacker 1-ton

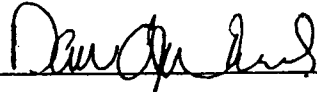
IN-PLACE FIELD DENSITY TEST RESULTS

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
1	100' South of North end	18	Type 6 Top	154.1	136.7	89
2	155' South of North end	18	Type 6 Top	154.1	135.3	88
3	200' South of North end	18	Type 6 Top	154.1	139.2	90
4	250' South of North end	18	Type 6 Top	154.1	137.4	89
5	300' South of North end	18	Type 6 Top	154.1	137.2	89
6	350' South of North end	18	Type 6 Top	154.1	137.5	89
7	50' South of North end	19	Type 6 Top	154.1	137.8	89
8	100' South of North end	19	Type 6 Top	154.1	137.1	89
9	150' South of North end	19	Type 6 Top	154.1	133.8	87

Test No.	Test Location	Lane	NYSDOT Mix Type	DOCUMENTS	Average	Uncorrected Compaction %
				O'BRIEN & GIERE ENGINEERS, INC. Theoretical Density (pcf) <i>N/MK</i>	Field Wet Density (pcf)	
10	200' South of North end	19	Type 6 Top	154.1	132.4	86
11	250' South of North end	19	Type 6 Top	154.1	132.4	86
12	300' South of North end	19	Type 6 Top	154.1	138.3	90
13	350' South of North end	19	Type 6 Top	154.1	136.6	89
14	50' South of North end	20	Type 6 Top	154.1	138.0	90
15	100' South of North end	20	Type 6 Top	154.1	137.7	89
16	150' South of North end	20	Type 6 Top	154.1	135.6	88
17	200' South of North end	20	Type 6 Top	154.1	136.5	89
18	250' South of North end	20	Type 6 Top	154.1	140.0	91
19	300' South of North end	20	Type 6 Top	154.1	141.3	92
20	350' South of North end	20	Type 6 Top	154.1	138.8	90
21	50' South of North end	21	Type 6 Top	154.1	136.2	88
22	100' South of North end	21	Type 6 Top	154.1	137.7	89
23	150' South of North end	21	Type 6 Top	154.1	137.2	89
24	200' South of North end	21	Type 6 Top	154.1	140.9	91
25	250' South of North end	21	Type 6 Top	154.1	136.0	88
26	300' South of North end	21	Type 6 Top	154.1	136.6	89
27	350' South of North end	21	Type 6 Top	154.1	135.2	88
28	50' South of North end	22	Type 6 Top	154.1	139.5	91
29	100' South of North end	22	Type 6 Top	154.1	136.3	88

REMARKS

Paving lanes run North to South starting on West side of parking lot.
 Three to four passes of the breakdown and finish rollers were observed for each paving lane.
 Water was draining across parking lot perpendicular to paving lanes. Surface water was observed in a 20' x 200' area from the north end of pavement.
 A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by:  Date: 8/2/04



DAILY BITUMINOUS REPORT NUMBER ST2318X-08-07-04 10/19/04 By Umk

PROJECT INFORMATION

Page 1 of 1
(Wednesday)

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General
Motors)
Syracuse, New York

DATE: July 14, 2004
ATL REPRESENTATIVE: J. Casler

PAVING CONTRACTOR: Altmate Paving, Inc.

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430 Gauge Serial No.: 20957

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear density testing was performed in accordance with ASTM D 2950 backscatter.

Density tests were performed on the NYSDOT Type 1 Base material supplied from Northern Bituminous, Inc., Fulton, NY, placed and compacted as base course over run-of-crusher subbase material.

Project specifications do not specify a minimum density for the type of material placed. Nuclear density testing was performed to monitor the consistency of the compactive effort applied. A sample of uncompacted material was obtained to perform a Maximum Theoretical Density test in accordance with ASTM D 2041.

WEATHER CONDITIONS: Rain
AMBIENT TEMPERATURE: 66° F

PAVER: Midland Paver
BREAKDOWN ROLLER: CB534 B-10 ton
FINISH ROLLER: Wacker 1-ton

IN-PLACE FIELD DENSITY TEST RESULTS

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
1	30' South of old lanes; 115' West of the South end of the original Lane #1	1 (South)	Type 1Base	155.5	138.6	89

REMARKS

Three to four passes of the breakdown and finish rollers were observed for each paving lane. Asphalt placement was cancelled due to inclement weather conditions. A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by: David Woodruff Date: 8/2/04



DAILY BITUMINOUS REPORT NUMBER ST2318X-09-07-04

PROJECT INFORMATION

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General
Motors)
Syracuse, New York

DATE: July 15, 2004
ATL REPRESENTATIVE: J. Casler

PAVING CONTRACTOR: Altimate Paving, Inc.

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430

Gauge Serial No.: 20957

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear density testing was performed in accordance with ASTM D 2950 backscatter.

Density tests were performed on the NYSDOT Type 1 Base material supplied from Northern Bituminous, Inc., Fulton, NY, placed and compacted as base course over run-of-crusher subbase material.

Project specifications do not specify a minimum density for the type of material placed. Nuclear density testing was performed to monitor the consistency of the compactive effort applied. A sample of uncompacted material was obtained to perform a Maximum Theoretical Density test in accordance with ASTM D 2041.

WEATHER CONDITIONS: Overcast
AMBIENT TEMPERATURE: 61 °F

PAVER: Midland Paver
BREAKDOWN ROLLER: CB534 B-10 ton
FINISH ROLLER: Wacker 1-ton

IN-PLACE FIELD DENSITY TEST RESULTS

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
1	20' South of previously placed lanes	10 South	Type 1 Base	154.7	131.8	85
2	25' South of previously placed lanes	11 South	Type 1 Base	154.7	129.5	84
3	30' South of previously placed lanes	12 South	Type 1 Base	154.7	136.4	88
4	30' South of previously placed lanes	12 South	Type 1 Base	154.7	138.6	90
5	30' South of previously placed lanes	12 South	Type 1 Base	154.7	137.6	89
6	30' South of previously placed lanes	12 South	Type 1 Base	154.7	137.9	89
7	50' East of West end	#5 South end	Type 1 Base	154.7	132.9	86
8	100' East of West end	#5 South end	Type 1 Base	154.7	135.7	88
9	150' East of West end	#5 South end	Type 1 Base	154.7	135.3	87
10	200' East of West end	#5 South end	Type 1 Base	154.7	136.9	88
11	250' East of West end	#5 South end	Type 1 Base	154.7	139.9	90

O'BRIEN & GERE ENGINEERS, INC.

Date 10/19/04 By NMK

Test No.	Test Location	Lane	NYS DOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
12	45' East of West end	#4 South end	Type 1 Base	154.7	138.6	90
13	95' East of West end	#4 South end	Type 1 Base	154.7	142.6	92
14	150' East of West end	#4 South end	Type 1 Base	154.7	145.3	94
15	200' East of West end	#4 South end	Type 1 Base	154.7	142.8	92
16	250' East of West end	#4 South end	Type 1 Base	154.7	146.7	95
17	50' East of West end	#3 South end	Type 1 Base	154.7	140.0	90
18	100' East of West end	#3 South end	Type 1 Base	154.7	138.6	90
19	150' East of West end	#3 South end	Type 1 Base	154.7	141.7	92
20	200' East of West end	#3 South end	Type 1 Base	154.7	142.0	92
21	250' East of West end	#3 South end	Type 1 Base	154.7	139.0	90
22	50' East of West end	#2 South end	Type 1 Base	154.7	139.5	90
23	100' East of West end	#2 South end	Type 1 Base	154.7	137.0	89
24	150' East of West end	#2 South end	Type 1 Base	154.7	140.7	91
25	200' East of West end	#2 South end	Type 1 Base	154.7	140.8	91
26	250' East of West end	#2 South end	Type 1 Base	154.7	144.0	93
27	50' East of West end	#1 South end	Type 1 Base	154.7	138.7	90
					141.2	91
					143.2	93
					143.0	92
28	100' East of West end	#1 South end	Type 1 Base	154.7	139.4	90
29	150' East of West end	#1 South end	Type 1 Base	154.7	140.3	91
30	200' East of West end	#1 South end	Type 1 Base	154.7	140.3	91
31	250' East of West end	#1 South end	Type 1 Base	154.7	139.1	90
32	150' East of West end	#6 South end	Type 1 Base	154.7	140.7	91
33	200' East of West end	#6 South end	Type 1 Base	154.7	142.2	92
34	250' East of West end	#6 South end	Type 1 Base	154.7	142.0	92
35	165' East of West end	#7 South end	Type 1 Base	154.7	140.7	91
36	205' East of West end	#7 South end	Type 1 Base	154.7	140.1	91

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
37	250' East of West end	#7 South end	Type 1 Base	154.7	141.7	92
38	160' East of West end	#8 South end	Type 1 Base	154.7	136.9	88
39	200' East of West end	#8 South end	Type 1 Base	154.7	141.0	91
40	250' East of West end	#8 South end	Type 1 Base	154.7	141.1	91
41	210' East of West end	#9 South end	Type 1 Base	154.7	138.2	89
42	260' East of West end	#9 South end	Type 1 Base	154.7	138.5	90
43	50' North of South end	1 st diagonal lane in SE corner	Type 1 Base	154.7	141.2	91
44	100' North of South end	1 st diagonal lane in SE corner	Type 1 Base	154.7	141.3	91
45	150' North of South end	1 st diagonal lane in SE corner	Type 1 Base	154.7	141.5	91
46	50' North of South end	2 nd diagonal lane in SE corner	Type 1 Base	154.7	142.1	92
47	100' North of South end	2 nd diagonal lane in SE corner	Type 1 Base	154.7	143.0	92
48	150' North of South end	2 nd diagonal lane in SE corner	Type 1 Base	154.7	141.1	91

REMARKS

Paving lanes run north to south, excluding the southeast corner where paving was placed in diagonal lanes running northeast to southwest.

Three to four passes of the breakdown and finish rollers were observed for each passing lane.

A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by:  Date: 8/2/04

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Date 10/19/04 By MMK



PROJECT INFORMATION

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General
Motors)
Syracuse, New York

DATE: July 16, 2004
ATL REPRESENTATIVE: J. Casler

PAVING CONTRACTOR: Altime Paving, Inc.

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430

Gauge Serial No.: 20957

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear density testing was performed in accordance with ASTM D 2950 backscatter.

Density tests were performed on the NYSDOT Type 1 Base material supplied from Northern Bituminous, Inc., Fulton, NY, placed and compacted as base course over run-of-crusher subbase material.

Project specifications do not specify a minimum density for the type of material placed. Nuclear density testing was performed to monitor the consistency of the compactive effort applied. A sample of uncompacted material was obtained to perform a Maximum Theoretical Density test in accordance with ASTM D 2041.

WEATHER CONDITIONS: Cloudy with some rain
AMBIENT TEMPERATURE: 70°F

PAVER: Midland Paver
BREAKDOWN ROLLER: CB534 B-10 ton
FINISH ROLLER: Wacker 1-ton

IN-PLACE FIELD DENSITY TEST RESULTS

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
1	50' North of South end	#3 diagonal lane in Southeast corner	Type 1 Base	155.0	143.0	92
2	100' North of South end	#3 diagonal lane in Southeast corner	Type 1 Base	155.0	138.4	89
3	150' North of South end	#3 diagonal lane in Southeast corner	Type 1 Base	155.0	141.3	91
4	50' North of South end	#4 diagonal lane in Southeast corner	Type 1 Base	155.0	141.2	91
5	100' North of South end	#4 diagonal lane in Southeast corner	Type 1 Base	155.0	143.3	92
6	140' North of South end	#4 diagonal lane in Southeast corner	Type 1 Base	155.0	141.1	91
7	105' North of South end	#5 diagonal lane in Southeast corner	Type 1 Base	155.0	141.8	91
8	150' North of South end	#5 diagonal lane in Southeast corner	Type 1 Base	155.0	139.3	90
9	75' South of North end	#37 from West side	Type 1 Base	155.0	140.9	91
10	120' South of North end	#37 from West side	Type 1 Base	155.0	141.1	91
11	45' South of North end	#38 from West side	Type 1 Base	155.0	143.1	92

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
12	90' South of North end	#38 from West side	Type 1 Base	155.0	14.1	90
13	130' South of North end	#38 from West side	Type 1 Base	155.0	140.9	91
14	50' South of North end	#39 from West side	Type 1 Base	155.0	140.4	91
15	100' South of North end	#39 from West side	Type 1 Base	155.0	141.3	91
16	50' South of North end	#40 from West side	Type 1 Base	155.0	141.9	92
17	85' South of North end	#40 from West side	Type 1 Base	155.0	142.9	92
18	50' South of North end	#41 from West side	Type 1 Base	155.0	140.0	91
19	100' South of North end	#41 from West side	Type 1 Base	155.0	139.0	90

REMARKS

Paving lanes run north to south, excluding the southeast corner where paving was placed in diagonal lanes running northeast to southwest.

Three to four passes of the breakdown and finish rollers were observed for each paving lane.

A representative of Royal Environmental was informed of all observations and test results prior to departure from the site.

Reviewed by: David M. [Signature] Date: 8/2/04

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 10/19/04 By NMK



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 029
Subject: Former Landfill IRM – Submittal for Special Provision 18
Project No.: 60709-5
Date: January 21, 2005

Attached you will find Daily Bituminous Reports (testing performed November 15th and 16th, 2004) for the asphalt access roadway from Factory Avenue to the parking lot on the landfill cap.

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/23/05 By MMK



Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

December 6, 2004

Mr. David Woodruff
Royal Environmental, Inc.
1 General Motors Drive
Syracuse, New York 13206

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/23/05 By AMK

Re: Bituminous Testing
SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No.: ST2318

Enclosed is one copy of the following test reports:

ST2318X-11-11-04	Daily Bituminous Report	November 15, 2004	(Monday)
ST2318X-12-11-04	Daily Bituminous Report	November 16, 2004	(Tuesday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

David J. Wells
Division Manager
dwells@atlantictesting.com

DJW/TDW/tam

Enclosures



DAILY BITUMINOUS REPORT NUMBER ST2318X-11-11-04

PROJECT INFORMATION

CLIENT: Royal Environmental, Inc.
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
PAVING CONTRACTOR: Altimate Paving, Inc.

DATE: November 15, 2004 (Monday)
ATL REPRESENTATIVE: J. G. REVIEWED

REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

Date 2/23/05 By [Signature]

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler

Gauge Serial No.: 9012

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, Inc., nuclear density testing was performed in accordance with ASTM D 2950 backscatter.

Density tests were performed on the NYSDOT Type 1 Base material supplied from Northern Bituminous, Inc., Fulton, NY, placed and compacted as base course (over run-of-crusher subbase material) for the 2-lane driveway connecting the parking lot and Factory Avenue.

Project specifications do not specify a minimum density for the type of material placed. Nuclear density testing was performed to monitor the consistency of the compactive effort applied. A sample of uncompacted material was obtained to perform a Maximum Theoretical Density test in accordance with ASTM D 2041.

WEATHER CONDITIONS: Sunny
AMBIENT TEMPERATURE: 55°F @ 11:00

PAVER: Barber Greene
BREAKDOWN ROLLER: Caterpillar CB534B
FINISH ROLLER: None

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 7 columns: Test No., Test Location, Lane, NYSDOT Mix Type, Maximum Theoretical Density (pcf), Average Field Wet Density (pcf), and Uncorrected Compaction %. It contains 6 main rows of test data, each with multiple sub-rows for individual test results.

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
7	100' S of Factory Ave.	East	Type 1 Base	155.0	148.1	96
8	150' S of Factory Ave.	East	Type 1 Base	155.0	143.0	92
9	200' S of Factory Ave.	East	Type 1 Base	155.0	142.4	92
10	250' S of Factory Ave.	East	Type 1 Base	155.0	143.3	92

IN-PLACE HOT MIX ASPHALT TEMPERATURES

TIME	TEMPERATURE (°F)
12:50 pm	285° (NYSDOT Type 1 Base)

REMARKS

The contractor began paving operations at 10:30 a.m.

A sample of uncompacted bituminous mix was obtained during placement near the south end of the driveway for laboratory testing in accordance with ASTM D 2041. It was subsequently determined that the sample was not representative of the Type I Modified Base material placed on this date. A small quantity of Type 3 Binder had been placed and accepted by the client in the vicinity of the sample location and resulted in contamination of the sample. An average maximum specific gravity value was determined for the mix type from previous placement dates and was used to calculate the above uncorrected percent compaction.

The uncorrected percent compaction results obtained in the field by nuclear method were not correlated to laboratory tested core specimens.

Four to five passes of the breakdown roller were observed for each paving lane.

A representative of Royal Environmental, Inc. was informed of all observations and test results prior to departure from the site.

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 2/23/05 By MMK

Reviewed by: David J. Anderson Date: 12/8/04



DAILY BITUMINOUS REPORT NUMBER ST2318X-12-11-04

PROJECT INFORMATION

CLIENT: Royal Environmental, Inc.
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York

DATE: November 16, 2004
ATL REPRESENTATIVE: J. Casler

Page 1 of 2 (Tuesday)

PAVING CONTRACTOR: Altimate Paving, Inc.
PLACEMENT LOCATION: Driveway connecting parking lot to Factory Ave.

REVIEWED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 2/23/05 By AHA/K

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler

Gauge Serial No.: 9012

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, Inc., nuclear density testing was performed in accordance with ASTM D 2950 backscatter.

Density tests were performed on the NYSDOT Type 6 Top material supplied from Northern Bituminous, Inc., Fulton, NY, placed and compacted as wearing course (over Type 1 Base material) for the 2-lane driveway connecting the parking lot and Factory Avenue.

Project specifications do not specify a minimum density for the type of material placed. Nuclear density testing was performed to monitor the consistency of the compactive effort applied. A sample of uncompacted material was obtained to perform a Maximum Theoretical Density test in accordance with ASTM D 2041.

WEATHER CONDITIONS: Cloudy
AMBIENT TEMPERATURE: 45°F @ 9:07 am

PAVER: Barber Greene
BREAKDOWN ROLLER: PAC 3600
FINISH ROLLER: Caterpillar CB534B

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 7 columns: Test No., Test Location, Lane, NYSDOT Mix Type, Maximum Theoretical Density (pcf), Average Field Wet Density (pcf), and Uncorrected Compaction %. It contains 5 main rows of test data, each with multiple sub-rows for individual density measurements.

Test No.	Test Location	Lane	NYSDOT Mix Type	Maximum Theoretical Density (pcf)	Average Field Wet Density (pcf)	Uncorrected Compaction %
6	50' S of Factory Ave.	West	Type 6 Top	155.9	134.6	86
7	100' S of Factory Ave.	West	Type 6 Top	155.9	136.1	87
8	150' S of Factory Ave.	West	Type 6 Top	155.9	132.3	86
9	200' S of Factory Ave.	West	Type 6 Top	155.9	133.6	86
10	250' S of Factory Ave.	West	Type 6 Top	155.9	138.4	87

IN-PLACE HOT MIX ASPHALT TEMPERATURES

TIME	TEMPERATURE (°F)
9:45 am	250° (NYSDOT Type 6 Top)

REMARKS

A sample of uncompacted bituminous mix was obtained during placement approximately 100' South of Factory Avenue, east lane. The uncorrected percent compaction results obtained in the field by nuclear method were not correlated to the laboratory tested core specimens.

Four to five passes of the breakdown and finish rollers were observed for each paving lane.

A representative of Royal Environmental, Inc. was informed of all observations and test results prior to departure from the site.

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Date 2/23/05 By AMK

Reviewed by:  Date: 12/8/04



CLARIFICATION

To: Mr. Nathyn Knipe, O'Brien & Gere Engineers
From: Paul Micciche (P.M.)
CC: David Woodruff
Date: February 4, 2005
Re: Addendum to Project Submittal No. 29 (January 21, 2005), for Special Provision 18 - Former Landfill IRM, FIFG (GM) Syracuse, New York

In response to your inquiry regarding Atlantic Testing Laboratories' Daily Bituminous Report Number ST2318X-11-11-04 (November 15, 2004) - Royal has determined that the statement in the Remarks section of the report ("*A small quantity of Type 3 Binder had been placed and accepted by the client in the vicinity of the sample location and resulted in contamination of the sample*"), is accurate.

Clarification - Atlantic Testing Laboratories' representative mistakenly obtained a sample of the Type 3 Binder being used for the purpose of tying in (via hand work) the margins of previously paved sections to the portions where Type 1 Base was being placed on November 15th. A single truckload of Type 3 Binder was present on-site. After the representative realized his error, an average maximum specific gravity value was determined for the Type 1 Base mix type from previous placement dates, and this value was used to calculate the uncorrected percent compaction. Therefore, the sampling error did not affect the field nuclear density testing results.

Low permeability material – Test results and non-hazardous waste documentation



PROJECT SUBMITTAL

Project Name: Former Landfill IRM

Submittal No.: 014

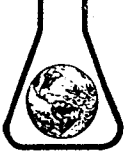
Subject: Former Landfill IRM – Submittal for Technical Specification Section 02297

Project No.: 60709-5

Date: July 29, 2004

Attached you will find the following submittals for the Low Permeability Material:

- Laboratory analytical testing data [PCBs – M.8082, VOCs – M.8260, TCL Metals, and SVOCs (ABNs) – M.8270];
- In-Place Field Density Testing Results;
- Laboratory physical testing data [Particle Size Distribution, Compaction Test, and Hydraulic Conductivity]; and,
- Affidavit from Owner of the source.



Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.
Date 8/10/04 By BAK

- Connecticut
- Delaware
- Maryland
- Massachusetts
- New Hampshire
- New Jersey
- New York
- Pennsylvania
- Virginia
- West Virginia

ROYAL ENVIRONMENTAL
1 General Motors Drive

PROJECT #: 209572
RECEIVED: 06/17/2004

Syracuse, NY 13206
ATTN: Mr. Paul Micciche
PO#: 10795

Site Address:
FIFGP
GENERAL MOTORS DRIVE
SYRACUSE, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 372032	CLIENT SAMPLE ID:	FIFGP LOW BERM		DATE SAMPLED:	06/17/04
Semi-Volatile - 8270 A/B/N					
1,2,4-trichlorobenzene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
1,2-dichlorobenzene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
1,2-diphenylhydrazine	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
<i>1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.</i>					
1,3-dichlorobenzene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
1,4-dichlorobenzene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,4,5-trichlorophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,4,6-trichlorophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,4-dichlorophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,4-dimethylphenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,4-dinitrophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,4-dinitrotoluene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2,6-dinitrotoluene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-chloronaphthalene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-chlorophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-methyl-4,6-dinitrophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-methylnaphthalene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-methylphenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-nitroaniline	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
2-nitrophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
3,3'-dichlorobenzidine	<1.08	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
3+4-methylphenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
3-nitroaniline	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
4-bromophenyl phenyl ether	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
4-chloro-3-methylphenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
4-chloroaniline	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
4-chlorophenyl phenyl ether	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
4-nitroaniline	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
4-nitrophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
acenaphthene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
acenaphthylene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO

ROYAL ENVIRONMENTAL
1 General Motors Drive

Syracuse, NY 13206
ATTN: Mr. Paul Micciche
PO#: 10795

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 8/10/04 By BAK

PROJECT #: 209572
RECEIVED: 06/17/2004

Site Address:
FIFGP
GENERAL MOTORS DRIVE
SYRACUSE, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 372032	CLIENT SAMPLE ID:	FIFGP LOW BERM		DATE SAMPLED:	06/17/04
Semi-Volatile - 8270 A/B/N					
aniline	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
anthracene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzo(a)anthracene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzo(a)pyrene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzo(b)fluoranthene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzo(g,h,i)perylene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzo(k)fluoranthene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzoic acid	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
benzyl alcohol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
bis(2-chloroethoxy)methane	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
bis(2-chloroethyl) ether	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
bis(2-chloroisopropyl) ether	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
bis(2-ethylhexyl) phthalate	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
butyl benzyl phthalate	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
chrysene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
dibenz(a,h)anthracene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
dibenzofuran	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
diethyl phthalate	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
dimethyl phthalate	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
di-n-butyl phthalate	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
di-n-octyl phthalate	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
fluoranthene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
fluorene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
hexachlorobenzene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
hexachlorobutadiene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
hexachlorocyclopentadiene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
hexachloroethane	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
indeno(1,2,3-cd)pyrene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
isophorone	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
naphthalene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
nitrobenzene	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
n-nitrosodimethylamine	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
n-nitrosodiphenylamine	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
n-nitrosodipropylamine	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
pentachlorophenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
phenanthrene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
phenol	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
pyrene	<0.0540	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
pyridine	<0.270	MG/KG DRY WT.	06/24/04	EPA 8270C	KHO
Solid Soxhlet Extraction			06/21/04	EPA 3540C	MKE
Semi-Volatile - PCB'S					



ROYAL ENVIRONMENTAL
 1 General Motors Drive
 Syracuse, NY 13206
 ATTN: Mr. Paul Micciche
 PO#: 10795

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Date 8/10/04 By BAK

PROJECT #: 209572
 RECEIVED: 06/17/2004
 Site Address:
 FIFGP
 GENERAL MOTORS DRIVE
 SYRACUSE, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 372032	CLIENT SAMPLE ID:	FIFGP LOW BERM		DATE SAMPLED:	06/17/04
Semi-Volatile - PCB'S					
aroclor 1016	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
aroclor 1221	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
aroclor 1232	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
aroclor 1242	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
aroclor 1248	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
aroclor 1254	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
aroclor 1260	<0.0533	MG/KG DRY WT.	06/19/04	EPA 8082	MNE
Solid Ultrasonic Extraction			06/17/04	EPA 3550B	MKE
SOLIDS, TOTAL	92	PERCENT	06/23/04	SM18 2540B	CSA
TCL MERCURY	<0.043	MG/KG DRY WT.	06/24/04	EPA 7471A	NSH
TCL METALS					
aluminum	6600	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
antimony	<5.55	MG/KG DRY WT.	06/23/04	EPA 6010	NSH
arsenic	6.28	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
barium	129	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
beryllium	0.238	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
cadmium	0.327	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
calcium	88600	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
chromium	9.48	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
cobalt	5.99	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
copper	17.9	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
iron	15500	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
lead	<5.55	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
magnesium	23800	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
manganese	353	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
nickel	13.4	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
potassium	2510	MG/KG DRY WT.	06/23/04	EPA 6010	NSH
selenium	<5.55	MG/KG DRY WT.	06/23/04	EPA 6010	NSH
silver	<0.555	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
sodium	216	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
thallium	<5.55	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
vanadium	<1.39	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
zinc	33.9	MG/KG DRY WT.	06/24/04	EPA 6010	NSH
Metals Digestion			06/21/04	EPA 3050B	BDR
Volatile - 8260					
1,1,1,2-tetrachloroethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,1-dichloroethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO



ROYAL ENVIRONMENTAL
 1 General Motors Drive
 Syracuse, NY 13206
 ATTN: Mr. Paul Micciche
 PO#: 10795

REVIEWED
 REVIEWED SOLELY FOR GENERAL
 COMPLIANCE WITH CONTRACT
 DOCUMENTS
 O'BRIEN & GERE ENGINEERS, INC.
 Date 8/19/04 By BAK

PROJECT #: 209572
 RECEIVED: 06/17/2004

Site Address:
 FIFGP
 GENERAL MOTORS DRIVE
 SYRACUSE, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 372032	CLIENT SAMPLE ID:	FIFGP LOW BERM		DATE SAMPLED:	06/17/04
Volatile - 8260					
1,1-dichloroethene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,1-dichloropropene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2,3-trichlorobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2,4-trimethylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2-dibromo-3-chloropropane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2-dibromoethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2-dichloroethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,2-dichloropropane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,3,5-trimethylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,3-dichloropropane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
2,2-dichloropropane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
2-butanone	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
2-chlorotoluene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
2-hexanone	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
4-chlorotoluene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
4-isopropyltoluene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
acetone	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
acrylonitrile	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
benzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
bromobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
bromochloromethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
bromodichloromethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
bromoform	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
bromomethane	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
carbon disulfide	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
carbon tetrachloride	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
chlorobenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
chloroethane	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
chloroform	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
chloromethane	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
cis-1,2-dichloroethene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
cis-1,3-dichloropropene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
dibromochloromethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
dibromomethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO



ROYAL ENVIRONMENTAL
1 General Motors Drive

Syracuse, NY 13206
ATTN: Mr. Paul Micciche

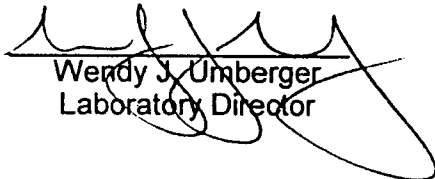
PO#: 10795

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 8/10/04 By BAK

PROJECT #: 209572
RECEIVED: 06/17/2004

Site Address:
FIFGP
GENERAL MOTORS DRIVE
SYRACUSE, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 372032	CLIENT SAMPLE ID:	FIFGP LOW BERM		DATE SAMPLED:	06/17/04
Volatile - 8260					
ethylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
hexachlorobutadiene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
iodomethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
isopropylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
methylene chloride	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
mtbe	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
naphthalene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
n-butylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
n-propylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
sec-butylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
styrene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
tert-butylbenzene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
tetrachloroethene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
toluene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
trans-1,3-dichloropropene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
trans-1,4-dichloro-2-butene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
trichloroethene	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
trichlorofluoromethane	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
vinyl acetate	<0.500	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
vinyl chloride	<0.200	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
xylene, m+p	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
xylene, o	<0.100	MG/KG DRY WT.	06/24/04	EPA 8260B	KHO
Soil Extraction for Volatiles			06/17/04	EPA 5035	KCH


Wendy J. Umberger
Laboratory Director

06/24/2004
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.
Report relates only to the samples as received by the laboratory and shall not be reproduced
except in full, without written approval from Environmental Laboratory Services.



atl ATLANTIC TESTING LABORATORIES, Limited

August 18, 2003

Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

Attn: Mr. David Woodruff

Re: Laboratory Soil Testing
SPEDES Treatment System IRM and Former Drainage Swale IRM
Former Inland Fisher Guide Plan: (General Motors)
Syracuse, New York
ATL Report No. ST2318SL-05-(18-03

Syracuse
5866 State Route 31
Cicero, NY 13039
315/699-3281 (T)
315/699-3374 (F)

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 8/10/04 By BAK

Ladies/Gentlemen:

On July 21, 2003, a representative of Royal Environmental, Inc. delivered one bulk soil sample to our Cicero, New York facility for laboratory analysis. The sample was identified as follows:

ATL SAMPLE NO.	SOURCE
ST2318S07	Stace Backhoe & Trucking, Inc.

The following tests were performed on the sample:

- ASTM D 422: Particle Size Analysis with Hydrometer
- ASTM D 4318: Atterberg Limits
- ASTM D 2216: Natural Moisture Content
- ASTM D 698: Moisture-Density Relationship (Standard Proctor)
- ASTM D 1557: Moisture-Density Relationship (Modified Proctor)
- ASTM D 5084: Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Permeability)

The Particle Size Distribution Report, Compaction Test Reports, and Hydraulic Conductivity Test Report are attached.

Please feel free to contact this office should you have any questions.

Respectfully submitted,
ATLANTIC TESTING LABORATORIES Limited



Thomas R. Bundle
Division Manager
Syracuse Testing Division
tbundle@atlantictesting.com

MRP/TRB/rrp
Enclosures



Particle Size Distribution Report

Project: GM Plant, Syracuse, New York

Report No.: ST2318SL-05-08-03

Client: Royal Environmental, Inc.

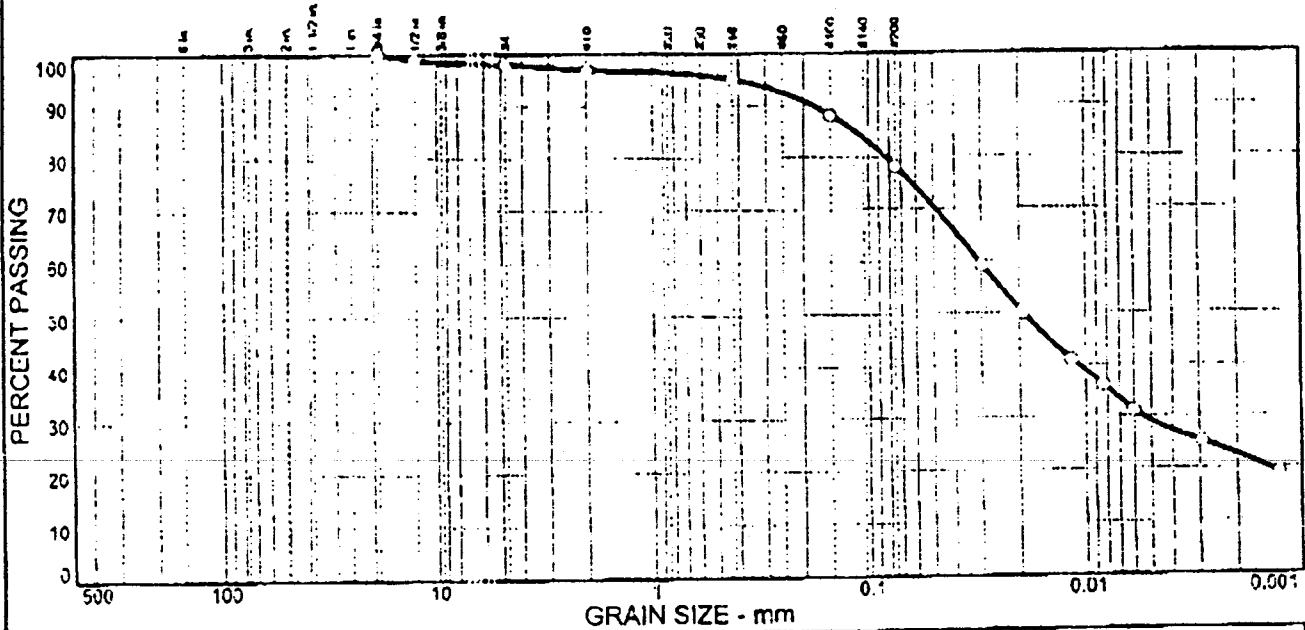
Date: 08/08/03

Sample No: ST2318S07

Source of Sample: Stace Backhoe & Trucking, Inc

Location: Stockpile

Elev./Depth: N/A



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	2	1	2	18	49	29

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/4 in.	100		
1/2 in.	99		
#4	93		
#10	97		
#40	95		
#100	83		
#200	78		

Soil Description
Brown SILT, some Clay, some cmf- Sand, trace mf Gravel

Atterberg Limits
 PL= 14 LL= 23 PI= 9

Coefficients
 D₈₅= 0.119 D₆₀= 0.0310 D₅₀= 0.0195
 D₃₀= 0.0055 D₁₅= D₁₀=
 C_u= C_c=

Classification
 USCS= CL AASHTO=

Remarks
 Delivered by Client on 07/21/03
 ASTM D 422 (with hydrometer)

* (no specification provided)

Reviewed by: [Signature]

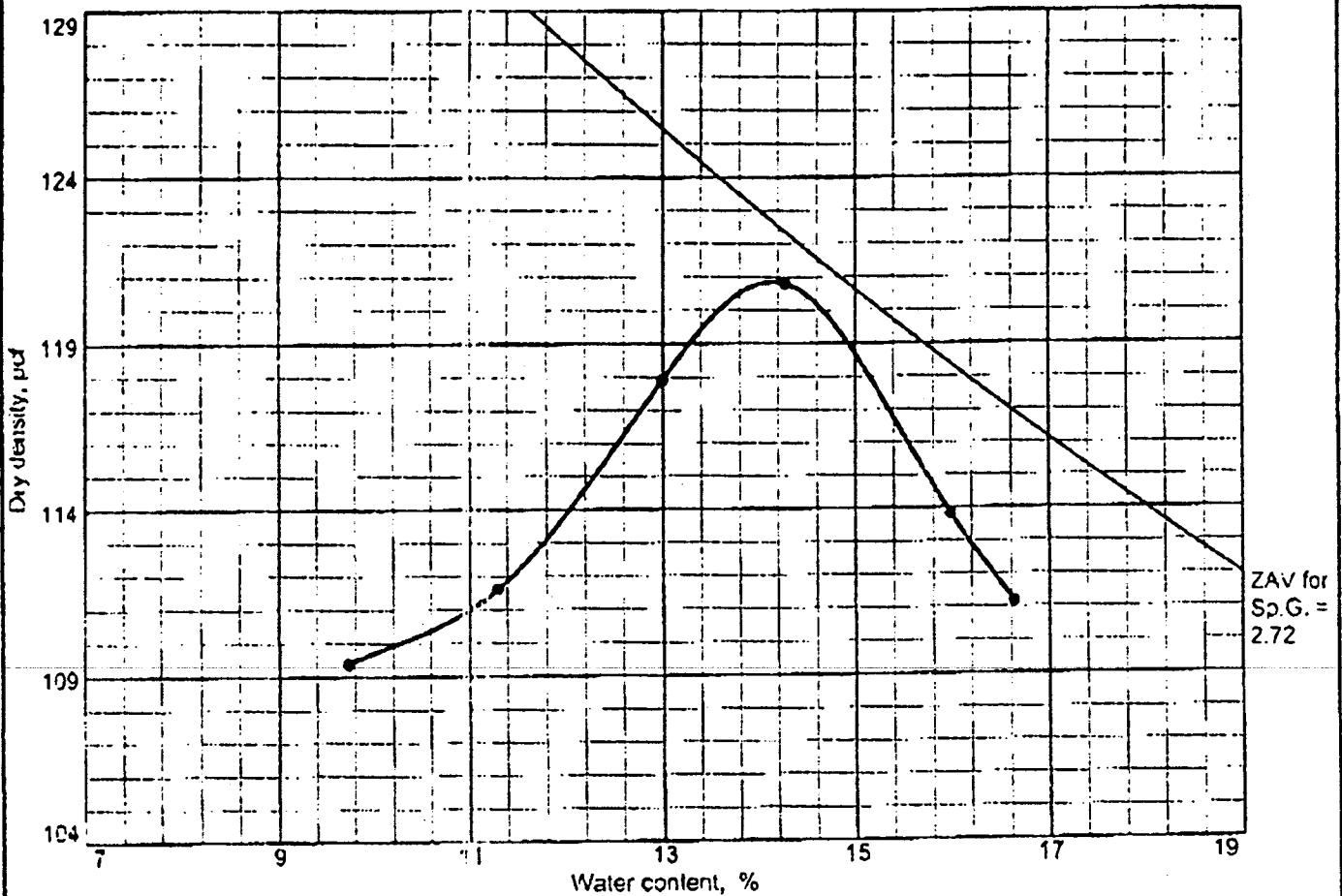
Date: 8/10/03



Date 8/10/04 By BAK

COMPACTION TEST REPORT

Curve No.: ST2318S07S



ZAV for Sp.G. = 2.72

Test specification: ASTM D 698-00, Method B Standard

Elev/ Depth	Classification		Received Moist.	Sp.G.	LL	PL	PI	% > 3/8 In.
	USCS	AASHTO						
N/A	CL		9.5	2.63	23	14	9	1.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 120.8 pcf Optimum moisture = 14.1 %	Brown SILT, some Clay, some fine Sand, trace of Gravel
Report No.: ST2318SL-05-08-03 Client: Royal Environmental, Inc. Project: GM Plant, Syracuse, New York Sample No.: ST2318S07S Source of Sample: Stage Backhoe & Trucking, Inc Location: Stockpile Date: 08/08/03	Remarks: Delivered by Client on 07/21/03 ASTM D 698, Method B Moist Preparation
ATLANTIC TESTING LABORATORIES, LIMITED	
	Rammer: Manual Specific Gravity: Assumed

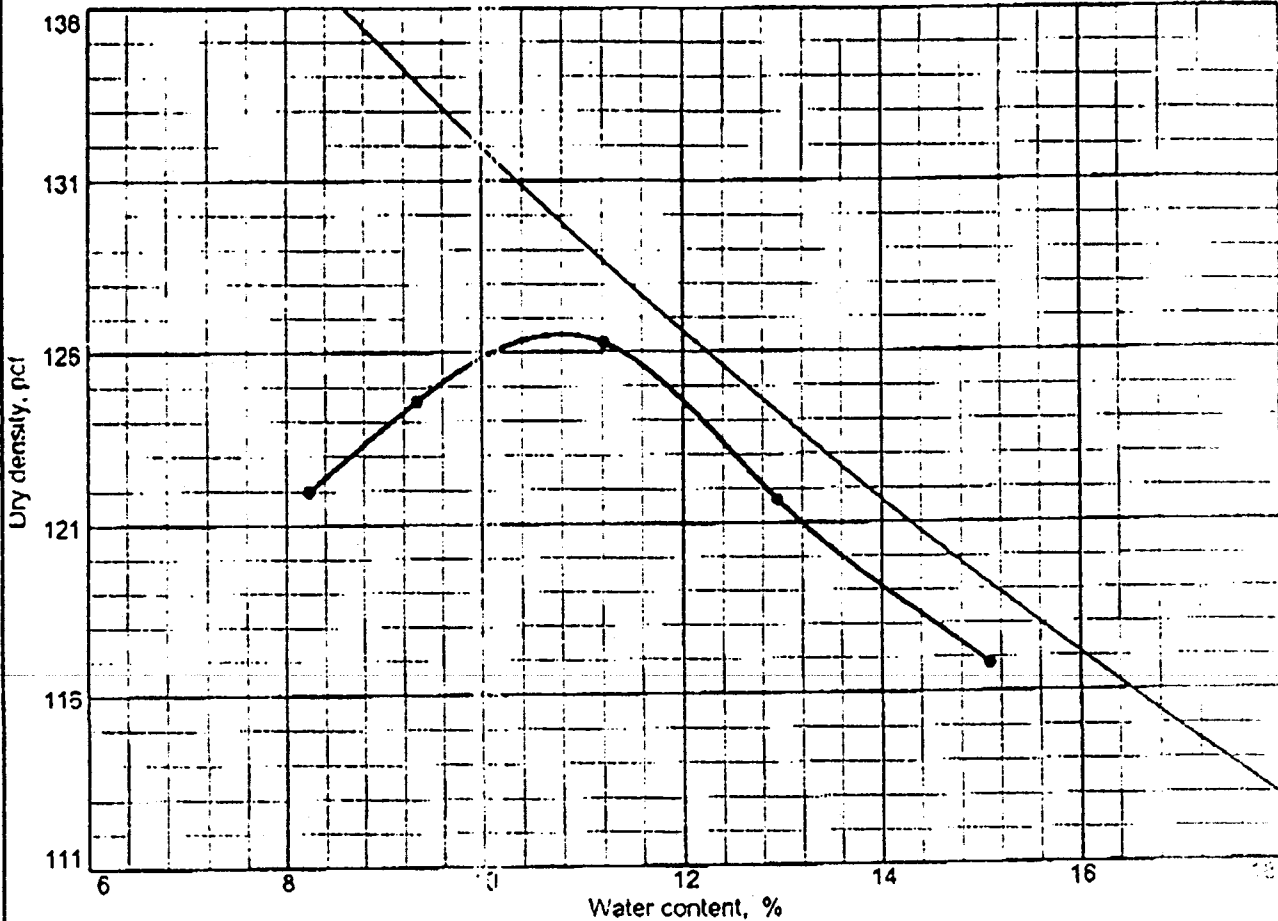
Reviewed by: [Signature]

Date: 8/15/03



COMPACTION TEST REPORT Date 8/10/04 By BAK

Curve No.: ST2318S07M



ZAV for
Sp.G. =
2.68

Test specification: ASTM D 1557-00 Method B Modified

Elev/ Depth	Classification		Received Moist.	Sp.G.	LL	PL	PI	% > 3/8 in.
	USCS	AASHTO						
N/A	CL		9.5	2.68	23	14	9	11

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 126.5 pcf Optimum moisture = 10.8 %	Brown SILT, some Clay some organic Sand trace of Gravel
Report No.: ST2318SL-03-08-03 Client: R... Environmental, Inc. Project: GM Plant, Syracuse, New York Sample No.: ST2318S07M Source of Sample: Stage Backhoe & Trucking, Inc Location: Stockpile Date: 8/3/03	Remarks: Delivered by Client on 07/21/03 ASTM D 1557, Method B Moist Preparation
ATLANTIC TESTING LABORATORIES, LIMITED	Rammer: Manual Specific Gravity: Assumed

Reviewed by: [Signature]

Date: 8/10/04

ATLANTIC TESTING LABORATORIES, Limited

REVIEWED

HYDRAULIC CONDUCTIVITY TEST REPORT No. ST2318SL-05-08-03

REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

ASTM D 5084 (using a flexible wall permeameter)

O'BRIEN & GERE ENGINEERS, INC.

PROJECT INFORMATION

Date 8/10/04 By BAK

Client: Royal Environmental, Inc.
Project: GM Plant
Syracuse, New York

Date: August 18, 2003
Delivered by: Client
Date Delivered: July 21, 2003

SAMPLE INFORMATION

ATL Sample No.: ST2318S07
Sample Location: Stage Backhoe & Trucking, Inc.
Soil Classification: Low Permeability Soil

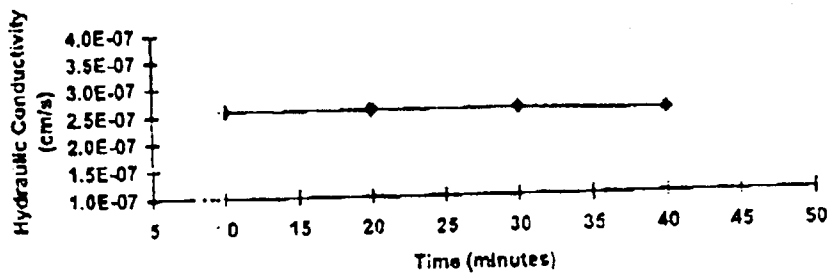
Client Identification: N/A
Sample Type: Bulk (Remolded)

INITIAL		FINAL		PARAMETERS	
Dry Unit Weight (pcf):	108.7	Dry Unit Weight (pcf):	110.4	Permeant Liquid:	Water
Sample Height (in.):	5.00	Sample Height (in.):	4.98	B Value (%):	98
Moisture Content (%):	14.2	Moisture Content (%):	17.5	Test Method:	A
Sample Diameter (in.):	2.81	Sample Diameter (in.):	2.78	Compaction Method:	Roller

TEST DATA

Average Back Pressure (psi)	Average Confining Pressure (psi)	Average Differential Head (psi)	Maximum Effective Stress (psi)	Minimum Effective Stress (psi)	Range of Hydraulic Gradient (psi)	Average K (cm/sec)
50.0	55.0	5.0	7.5	7.5	28.4 to 28.4	2.6E-07

HYDRAULIC CONDUCTIVITY vs. TIME



REMARKS

Remold Parameters Specified (approximate): 90 % of Standard Proctor @ Optimum Moisture Content

Reviewed By: [Signature] Date: 8/18/03



Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

RESUBMIT
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC
Date 8/11/04 By BAK

July 6, 2004

Mr. David Woodruff
Royal Environmental, Inc.
P.O. Box 483
Fayetteville, New York 13066-0483

Re: Soil Testing
SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No. ST2318

Enclosed is one copy of the following test report:

ST2318S-21-06-04	Daily Soil Report	June 10, 2004	(Thursday)
ST2318S-22-06-04	Daily Soil Report	June 11, 2001	(Friday)
ST2318S-23-06-04	Daily Soil Report	June 18, 2004	(Friday)
ST2318S-24-06-04	Daily Soil Report	July 1, 2004	(Thursday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

Thomas R. Bundle
Division Manager
tbundle@atlantictesting.com

TRB/tam

Enclosure



DAILY SOIL REPORT NUMBER ST2318S-21-06-04

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York

DATE: June 10, 2004
ATL REPRESENTATIVE: S. Dana

CONTRACTOR: Royal Environmental

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33267
Moisture Standard: 600
Density Standard: 2644

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the Brown cmf Sand, some cmf Gravel, some Silt / Clay (ATL sample # ST2318506) supplied by Stace Backhoe & Trucking, Inc., placed and compacted as utility pole backfill material.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), Compaction (%). Rows include data for Niagara Mohawk Pole #1 at various locations and elevations.

REMARKS

Test elevations are referenced from the top of subgrade.

Note: Cobble ranging from 3" to 10" in diameter noted in backfill material.

RESUBMIT
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC
Date: 8/11/04 By: BAK

Reviewed by: [Signature] Date: 7/7/04

PLEASE CLARIFY IF OUT OF SPECIFICATION MATERIAL HAS BEEN PLACED BECAUSE IT APPEARS THAT FROM THIS REPORT IT HAS BY COMPARING THE DESCRIPTION OF THE MATERIAL TO THE LOW PERMEABILITY PHYSICAL CHARACTERISTICS.



DAILY SOIL REPORT NUMBER ST2318S-22-06-04

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: June 11, 2004
ATL REPRESENTATIVE: D. Wells

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430 Moisture Standard: 596
Gauge Serial No.: 33267 Density Standard: 2626

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the Brown cmf Sand, some cmf Gravel, some Silt / Clay (ATL sample # ST2318S-06) supplied by Stace Backhoe & Trucking, Inc. placed and compacted as utility pole backfill material.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), Compaction (%). Rows include data for Niagara Mohawk Pole #2 with 5 test locations.

REMARKS

Test elevations are referenced from the top of subgrade.

Note: +3" Cobbles, trace organics observed in backfill material.

RESUBMIT

REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

OTHERN & GERE ENGINEERS, INC

Date: 7/11/04 by BAK

PLEASE CLARIFY IF OUT OF SPECIFICATION MATERIAL HAS BEEN PLACED BECAUSE IT APPEARS THAT FROM THIS REPORT IT HAS BEEN BY COMPARING THE DESCRIPTION OF THE MATERIAL TO THE LOW PERMEABILITY PHYSICAL CHARACTERISTICS

Reviewed by: [Signature] Date: 7/7/04



DAILY SOIL REPORT NUMBER ST2318S-23-06-04

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: June 18, 2004
ATL REPRESENTATIVE: AJ Snyder

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33275
Moisture Standard: 724
Density Standard: 2753

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the Brown Clay / Silt, some cmf Gravel, some cmf Sand (ATL sample #ST2318S-03) placed and compacted as utility pole backfill material.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), Compaction (%). Rows include data for Niagara Mohawk Poles #2 and #3-1/2.

REMARKS

Test elevations are referenced from top of subgrade.

RESUBMIT
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

© BROWN & GERE ENGINEERS, INC
Date: 8/11/04 by: BAV

Reviewed by: [Signature] Date: 7/7/04



DAILY SOIL REPORT NUMBER ST2318S-24-07-04

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: July 1, 2004
ATL REPRESENTATIVE:

S. Dana RESUBMIT
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430
Gauge Serial No.: 33267

Moisture Standard: 591
Density Standard: 2601

FIELD INFORMATION

At the request of Mr. David Woodruff, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the Brown Clay / Silt, some coarse to fine Gravel, some coarse to fine Sand (ATL sample # ST2318S-03) placed and compacted as utility pole backfill material.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), and Compaction (%). Rows include data for Niagara Mohawk Pole #3-02 and Pole #5.

REMARKS

Test elevations are references from top of subgrade.

Two (2) soil samples were collected and returned to our Syracuse facility for Undisturbed Laboratory Triaxial Permeability Testing in accordance with ASTM D 5084.

A representative of O'Brien & Gere was informed of all observations and test results prior to departure from the site.

Reviewed by:

[Signature]

Date:

7/7/04

4966/34126 #2

From: <Woodruffdav@aol.com>
To: <kubiakba@obg.com>
Date: 8/6/2004 11:48:12 AM
Subject: Re: Low Permeability submittal

Brad:

Ed Rahn instructed Royal's operator, Rick Burghdorf, to remove any cobbles from the low permeability material when he observed that the material contained a very small quantity of the cobbles. Mr. Rahn reiterated his request to me when I visited the site to observe progress. I instructed Royal's crew to remove any cobbles found in the material.

The Royal work crew removed any cobbles from the fill as directed.

When I returned to the site, I observed the crew transferring the removed cobbles to the soil staging area. Mr. Burghdorf confirmed to me that all cobbles had been removed from the material.

Should you require more information, please contact me.

David Woodruff
Operations Manager
Royal Environmental, Inc.
Phone 315-463-2310
Fax 315-432-5000

From: "Susan Benjamin" <slbenjam@gw.dec.state.ny.us>
To: <kubiakba@obg.com>
Date: 8/6/2004 10:27:48 AM
Subject: ~~Re: GM - low permeability material analytical data~~

John and I both find the noted low-permeability material to be acceptable for use around the poles.

-Sue

>>> "Bradley Kubiak" <kubiakba@obg.com> 08/03/04 01:16PM >>>
Sue,

Please find attached the low permeability material analytical data that Royal has submitted for the Former Landfill IRM. This material has been placed around the 34.5 kV and 115 kV single poles within the landfill area and is to be placed about the 115 kV H-structure clean areas once they are replaced.

There are a few metals above TAGM 4046 recommended soil cleanup objectives, but they are generally associated with a clay material. I am in the opinion that this material is acceptable for use in the IRM.

Please review and let me know what your opinion is on this material.

Very Truly Yours,

Bradley A. Kubiak, P.E.
Project Engineer
O'Brien & Gere Engineers, Inc.
5000 Brittonfield Parkway
PO Box 4873
Syracuse, New York 13221
Phone: (315) 437-6100 Ext. 2384
Fax: (315) 463-7554
E-Mail: kubiakba@obg.com

This email, including any attachment(s) to it, is confidential and intended solely for the use of the individual or entity to which it is addressed. If you have received this email in error please notify O'Brien & Gere (OBG) by replying to the original email and deleting any emails or attachments that you have received. Please note that any views or opinions presented in this email are solely those of the author and do not represent those of OBG. OBG screens all outgoing emails and attachments for viruses, however, OBG cannot accept liability for any damage caused by any virus transmitted by this email. The recipient should check this email and any attachments for the presence of viruses.



PROJECT RESUBMITTAL

Project Name: Former Landfill IRM

Original Submittal No.: 014

Subject: Former Landfill IRM – Submittal for Technical Specification
Section 02297 (Low Permeability Material)

Project No.: 60709-5

Date: September 29, 2004

Attached you will find the Affidavit from Owner of the Source. The affidavit now explicitly states that the low permeability material will be imported from Stace.

STACE BACKHOE & TRUCKING, INC.

Backhoe Service - Bulldozer - Sand - Gravel - Septic Tank
2373 State Route 69, Camden, NY 13316
(315) 245-0370

AFFIDAVIT OF CLEAN MATERIAL

August 18, 2004

O'Brien & Gere Engineers Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.

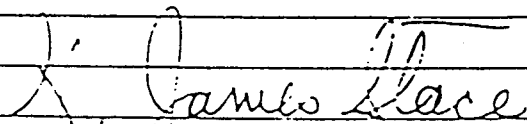
Date 10/7/04 By BAK

Re: Landfill Cap IRM Project, Former Inland Fisher Guide
Facility - Fill Material Certification

To Whom it May Concern:

This is to certify that the low permeability backfill material
supplied to Royal Environmental, Inc. for Landfill IRM
activities performed at the Former Inland Fisher Guide Facility
was obtained from the Central Square Embankment property of
Stace Backhoe & Trucking Inc. The material was not obtained
from a known federal, state, local or private contaminated land
site.

To the best of my knowledge, the low permeability backfill
material supplied is clean and free from hazardous contaminates.



H. James Stace

President

Stace Backhoe & Trucking Inc.



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 038
Subject: Former Landfill IRM – Submittal for Project Specification 02297
Project No.: 60709-5
Date: February 8, 2005

Attached you will find a laboratory testing report for permeability (ASTM D5084), performed on low permeability material (undisturbed Shelby tube sample) obtained from Hot Spot location TB-02-03A, Landfill FIFGP.

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/17/05 By UNK



Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

February 1, 2005

Mr. David Woodruff
Royal Environmental, Inc.
1 General Motors Drive
Syracuse, New York 13206

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 2/17/05 By MMK

Re: Laboratory Soil Testing
Former Landfill IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No.: ST2318

Enclosed is one copy of the following test report:

ST2318SL-08-01-05 Hydraulic Conductivity Test Report January 31, 2005 (Monday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

David J. Wells
Division Manager
dwells@atlantictesting.com

DJW/tam

Enclosure

ATLANTIC TESTING LABORATORIES, Limited

HYDRAULIC CONDUCTIVITY TEST REPORT No. ST2318SL-08-01-05

ASTM D 5084(using a flexible wall permeameter)

PROJECT INFORMATION

Client: Royal Environmental, Inc.
Project: GM Plant
Syracuse, New York

Date: January 31, 2005
Delivered by: Client
Date Delivered: January 20, 2005

SAMPLE INFORMATION

ATL Sample No.: ST2318S08
Sample Location: Hot Spot TB-02-03A, Landfill FIFGP
Soil Classification: Low Permeability Material (LPM-FIFGP)

Client Identification: N/A
Sample Type: Shelby Tube

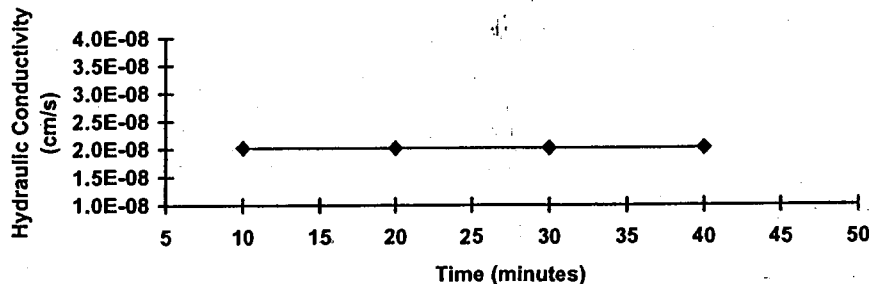
<u>INITIAL</u>	<u>FINAL</u>	<u>PARAMETERS</u>
Dry Unit Weight (pcf): <u>52.6</u>	Dry Unit Weight (pcf): <u>42.8</u>	Permeant Liquid: <u>Water</u>
Sample Height (in.): <u>3.91</u>	Sample Height (in.): <u>4.38</u>	B Value (%): <u>96</u>
Moisture Content (%): <u>75.2</u>	Moisture Content (%): <u>92.2</u>	Test Method: <u>A</u>
Sample Diameter (in.): <u>2.86</u>	Sample Diameter (in.): <u>2.90</u>	Compaction Method: <u>Unknown</u>

TEST DATA

Average Back Pressure (psi)	Average Confining Pressure (psi)	Average Differential Head (psi)	Maximum Effective Stress (psi)	Minimum Effective Stress (psi)	Range of Hydraulic Gradient (psi)	Average K (cm/sec)
50.0	55.0	3.8	7.2	7.0	24.5 to 29.0	2.0 x 10 ⁻⁸

1.16.6

HYDRAULIC CONDUCTIVITY vs. TIME



REMARKS

Reviewed By: Date: 1/31/05

REVIEWED

**REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS**

O'BRIEN & GERE ENGINEERS, INC.

Date: 2/17/05 By: NWK



PROJECT SUBMITTAL

Project Name: Former Landfill IRM
Submittal No.: 040
Subject: Former Landfill IRM – Submittal for Project Specification 02297
Project No.: 60709-5
Date: February 18, 2005

Attached you will find laboratory testing reports in-place field density testing (12-13-2004), and particle size distribution (11-30-2004), performed on low permeability material.

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 2/23/05 By MLK



ATLANTIC TESTING LABORATORIES, Limited

Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

November 30, 2004

Mr. David Woodruff
Royal Environmental, Inc.
1 General Motors Drive
Syracuse, New York 13206

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

Re: Laboratory Soil Testing
Former Landfill IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No.: ST2318

O'BRIEN & GERE ENGINEERS, INC.
Date 2/23/05 By NMK

Enclosed is one copy of the following test report:

ST2318SL-07-11-04 Particle Size Distribution Report November 29, 2004 (Monday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

David J. Wells
Division Manager
dwells@atlantictesting.com

DJW/tam

Enclosure



Particle Size Distribution Report 2/23/05 By UNK

Project: Former Inland Fisher Guide Plant, Syracuse, NY

Report No.: ST2318SL-07-11-04

Client: Royal Environmental, Inc.

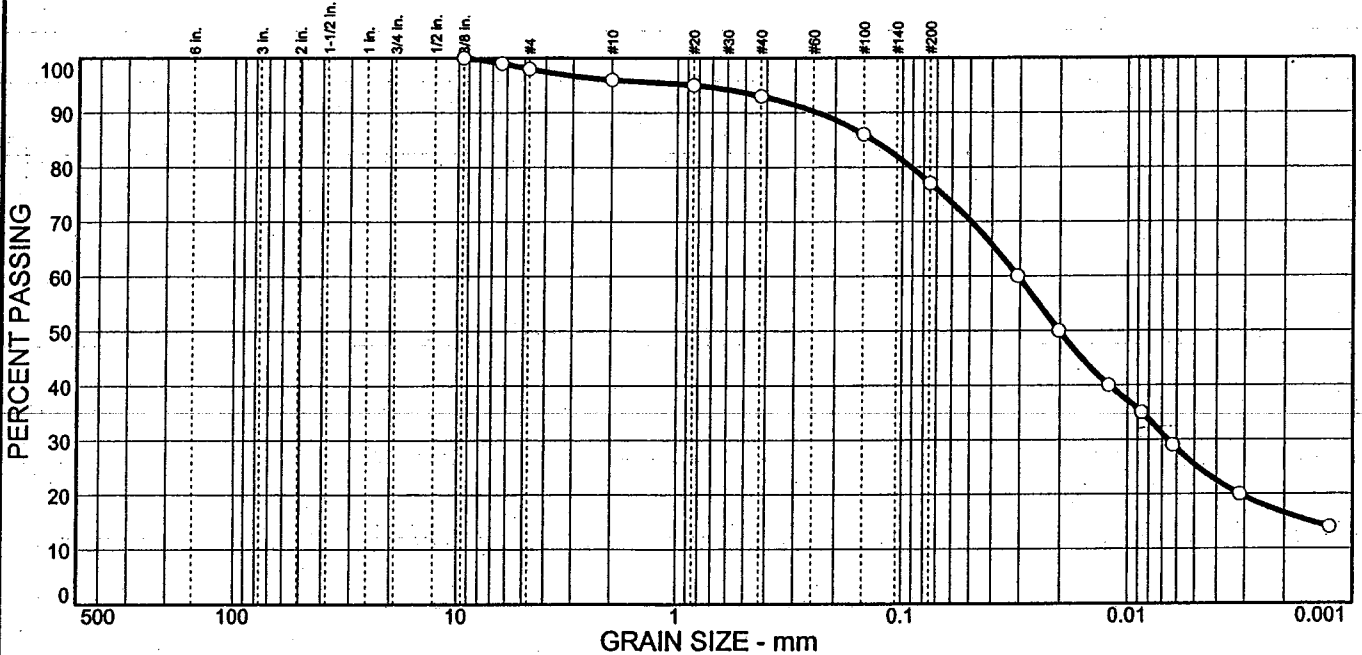
Date: 11/29/04

Sample No: ST2318S09

Source of Sample: Stace Backhoe & Trucking, Inc

Location: Stockpile

Elev./Depth: N/A



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0	0	2	2	3	16	52	25

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3/8 in.	100		
1/4 in.	99		
#4	98		
#10	96		
#20	95		
#40	93		
#100	86		
#200	77		

Soil Description
Brown SILT, some Clay, some cmf+ Sand, trace fine Gravel

Atterberg Limits
PL= 15 LL= 18 PI= 3

Coefficients
D₈₅= 0.137 D₆₀= 0.0307 D₅₀= 0.0203
D₃₀= 0.0066 D₁₅= 0.0015 D₁₀=
C_u= C_c=

Classification
USCS= ML AASHTO=

Remarks
Sampled by J. Casler on 11/15/04
ASTM D 422 with hydrometer
ASTM D 4318

* (no specification provided)

Reviewed by: [Signature]

Date: 11/30/04



ATLANTIC TESTING LABORATORIES, Limited

Syracuse
5866 State Route 31
Cicero, New York 13039
(315) 699-5281 (T)
(315) 699-3374 (F)

TRANSMITTAL

December 13, 2004

Mr. David Woodruff
Royal Environmental, Inc.
1 General Motors Drive
Syracuse, New York 13206

REVIEWED
REVIEWED SOLELY FOR GENERAL
COMPLIANCE WITH CONTRACT
DOCUMENTS

Re: Soil Testing
SPEDES Treatment System IRM and
Former Drainage Swale IRM
Former Inland Fisher Guide Plant (General Motors)
Syracuse, New York
ATL File No.: ST2318

O'BRIEN & GERE ENGINEERS, INC.

Date 2/23/05 By UMR

Enclosed is one copy of the following test report:

ST2318S-31-12-04 Daily Soil Report December 10, 2004 (Friday)

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

David J. Wells
Division Manager
dwells@atlantictesting.com

DJW/tam

Enclosure



ATLANTIC TESTING LABORATORIES, Limited

DAILY SOIL REPORT NUMBER ST2318S-31-11-04

CLIENT: Royal Environmental
PROJECT: SPEDES Treatment System IRM and Former Drainage Swale IRM Former Inland Fisher Guide Plant (General Motors) Syracuse, New York
CONTRACTOR: Royal Environmental

DATE: December 10, 2004 (Friday)
ATL REPRESENTATIVE: S. Dana

NUCLEAR DENSITY GAUGE DATA

Gauge Model No.: Troxler 3430 Moisture Standard: 618
Gauge Serial No.: 35440 Density Standard: 2543

FIELD INFORMATION

At the request of Mr. Paul Micciche, representing Royal Environmental, nuclear moisture density testing was performed in accordance with ASTM D 2922 direct transmission and ASTM D 3017.

Density tests were performed on the Brown Silt, some Clay, some cmf+ Sand, trace mf Gravel (ATL Report No.: ST2318S-07), imported by Stace Backhoe & Trucking, Inc., placed and compacted as lightpole backfill material.

Project specifications require 95% of the maximum dry density, as determined by ASTM D 698.

IN-PLACE FIELD DENSITY TEST RESULTS

Table with 9 columns: Test No., Test Location, Elevation, Optimum Moisture Content (%), Maximum Dry Density (pcf), Field Wet Density (pcf), Field Moisture Content (%), Field Dry Density (pcf), Compaction (%). Row 1: 1, 20' E of Pole #2, 0.0', 14.1, 120.8, 135.1, 14.1, 118.1, 98.

REMARKS

Test elevations are references from top of subgrade. Mr. Paul Micciche representing Royal Environmental was informed of all observations and test results prior to departure from the site.

REVIEWED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

O'BRIEN & GERE ENGINEERS, INC.

Date 2/23/05 By [Signature]

Reviewed by:

[Signature]

Date:

12/14/04

I:\D\171\PROJECTS\4966\21535\DWG\71\LANDFILL\RM\238.DWG SE:1 XREF: GMT0PO.DWG
PLOT DATE: 6/26/02

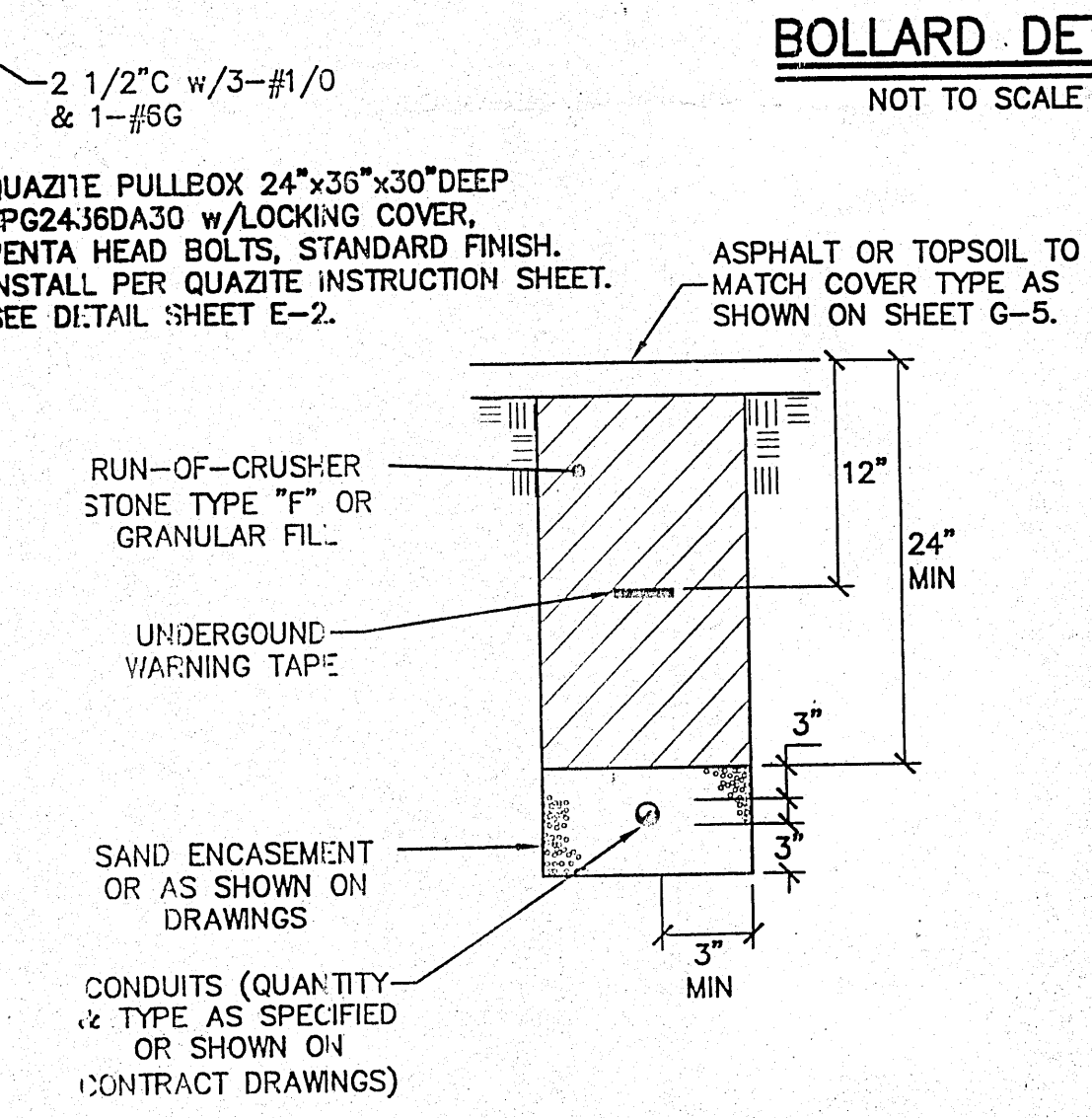
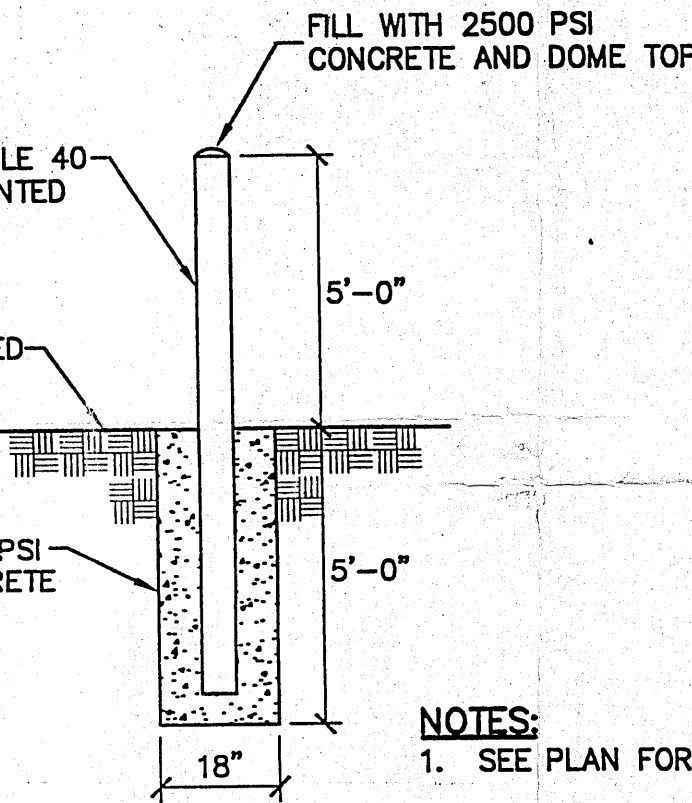
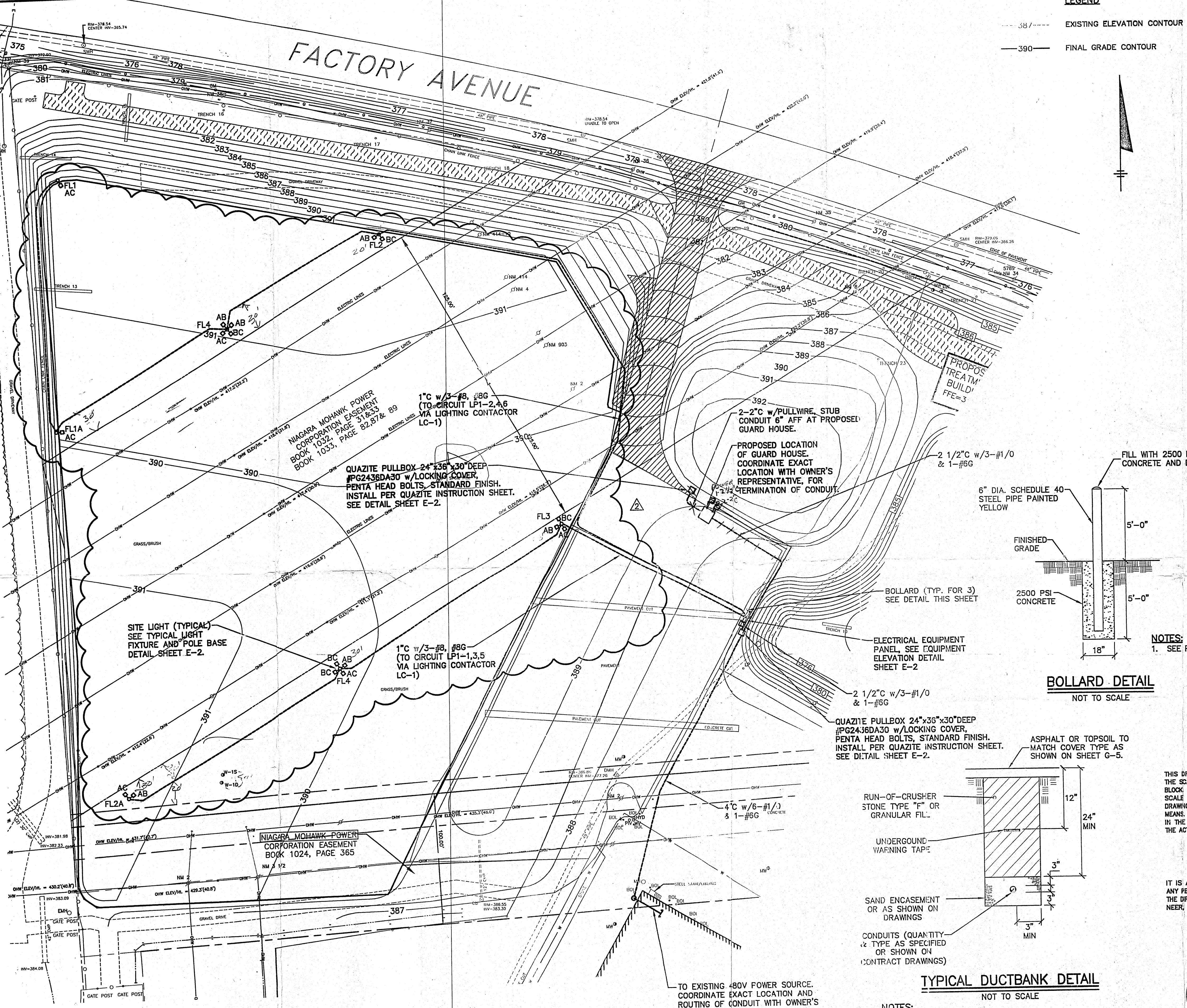
FACTORY AVENUE

LEGEND

- 387 --- EXISTING ELEVATION CONTOUR
- 390 — FINAL GRADE CONTOUR

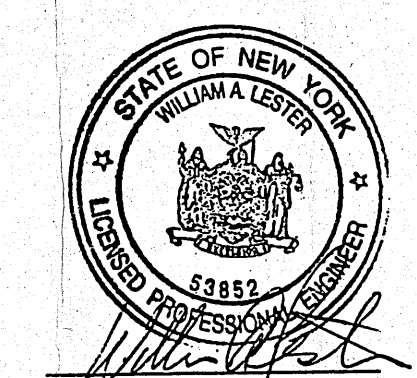
GENERAL SITE LIGHTING AND POWER NOTES:

1. THIS PROJECT SHALL INCLUDE THE FURNISHING AND INSTALLATION OF ALL ELECTRICAL EQUIPMENT, COMPONENTS, AND APPURTENANCES FOR A COMPLETE OPERATING SYSTEM AS SHOWN, DETAILED, OR REQUIRED.
2. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER, OTHER CONTRACTORS, AND THE ENGINEER.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE, LOCAL CODES, AND THE OWNER'S ELECTRICAL STANDARDS. THE CONTRACTOR SHALL HAVE THE COMPLETE INSTALLATION INSPECTED BY THE NEW YORK BOARD OF FIRE UNDERWRITERS AND SHALL CORRECT ANY DEFICIENCIES NOTED BY SUCH INSPECTION.
4. ALL BURIED CONDUIT SHALL BE PVC, UNLESS OTHERWISE NOTED. ALL EXPOSED OR CONCEALED CONDUIT LOCATED WITHIN THE BUILDING OR OTHER STRUCTURES SHALL BE RIGID STEEL CONDUIT (RSC).
5. ALL CONDUIT SHALL BE INSTALLED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
6. ALL UNDERGROUND CONDUIT SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINAL GRADE WITH PLASTIC MARKER TAPE LOCATED 12" ABOVE THE CONDUIT.
7. ALL POWER, LIGHTING, BRANCH CIRCUIT, FEEDER, AND OTHER APPROPRIATE CONDUCTORS SHALL BE 90°C, TYPE THHN, COPPER UNLESS OTHERWISE NOTED. MINIMUM SIZE SHALL BE #12.
8. POLE AND FOUNDATION LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD COORDINATE ALL CONDUIT, FOUNDATION LOCATIONS, AND PROPER ELEVATION WITH THE SITE CONTRACTOR.
9. THE CONTRACTOR SHALL CONFIRM THE EXISTENCE OF ALL SUBGRADE PIPING, SEWERS, ELECTRICAL, TELEPHONE, AND OTHER SERVICES PRIOR TO BORING FOR POLE FOUNDATIONS OR TRENCHING FOR CONDUITS. ANY SUBSURFACE FACILITIES DAMAGED SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
10. HOMERUNS SHOWN TO THE BUILDING SHALL BE COORDINATED WITH THE OWNER. ROUTE CONDUITS TO A COMMON AREA PANEL (480VOLT UNLESS OTHERWISE NOTED). THIS CONTRACTOR SHALL INCLUDE BRANCH CIRCUIT BREAKERS, LIGHTING CONTACTORS, AND TIME CLOCKS FOR A COMPLETE OPERATING SYSTEM. OBTAIN 120 VOLT CONTROL POWER FOR TIME CLOCK AND CONTACTORS FROM LOCAL 120/240 VOLT PANEL.
11. CIRCUIT NIGHT LIGHTS TO NIGHT LIGHTING CONTACTOR AND CONNECT TO TIME CLOCK SUCH THAT FIXTURES ARE ON AT DUSK, OFF AT DAWN. CIRCUIT GENERAL LIGHTING FIXTURES TO GENERAL LIGHTING CONTACTOR(S) SUCH THAT THEY ARE ON AT DUSK, OFF AT PRESET TIME (I.E. 12:00 MIDNIGHT, UNLESS OTHERWISE NOTED). OWNERS MAINTENANCE STAFF SHALL BE TRAINED IN OPERATION OF TIME CLOCK.
12. LIGHTING DESIGN INCLUDING POLE LOCATIONS, FIXTURE TYPE, HEIGHTS, POLES, AND DISTRIBUTION ARE BASED UPON A LIGHTING DESIGN PREPARED BY GENERAL ELECTRIC LIGHTING. ACTUAL LIGHTING LEVELS MAY BE SLIGHTLY DIFFERENT THAN DESIGN CONCEPT IF ALTERNATE FIXTURES OR POLES ARE USED.

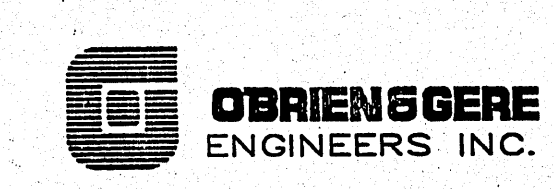
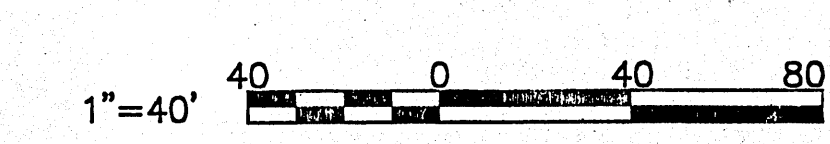


THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



NO.	DATE	REVISION	INIT.
Δ	5/14/03	MODIFICATION #1	
1	6/26/02	ISSUED FOR CONSTRUCTION	
0	8/7/01	ISSUED FOR NYSDEC REVIEW	



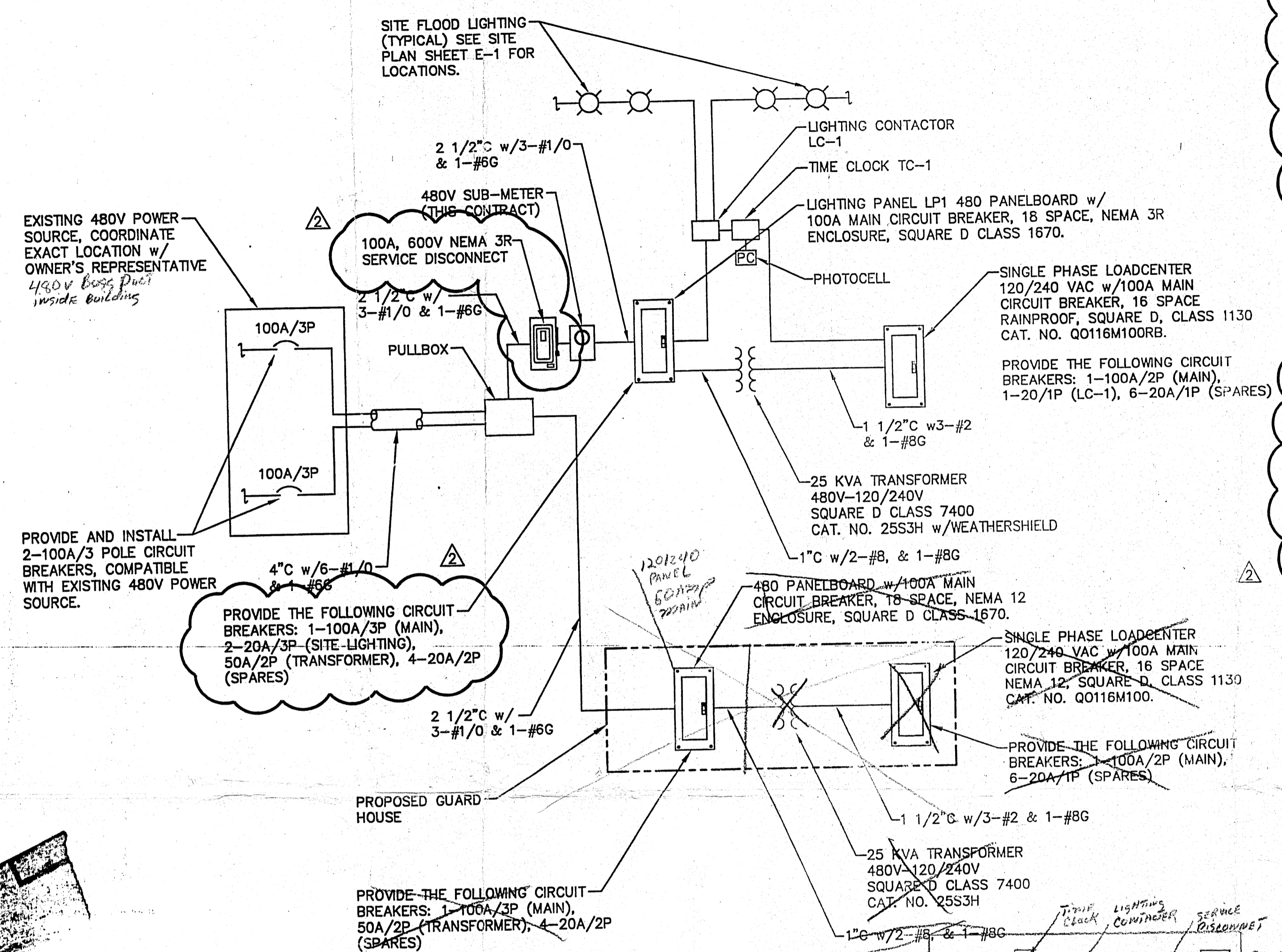
GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT

ELECTRICAL SITE LIGHTING AND POWER PLANS

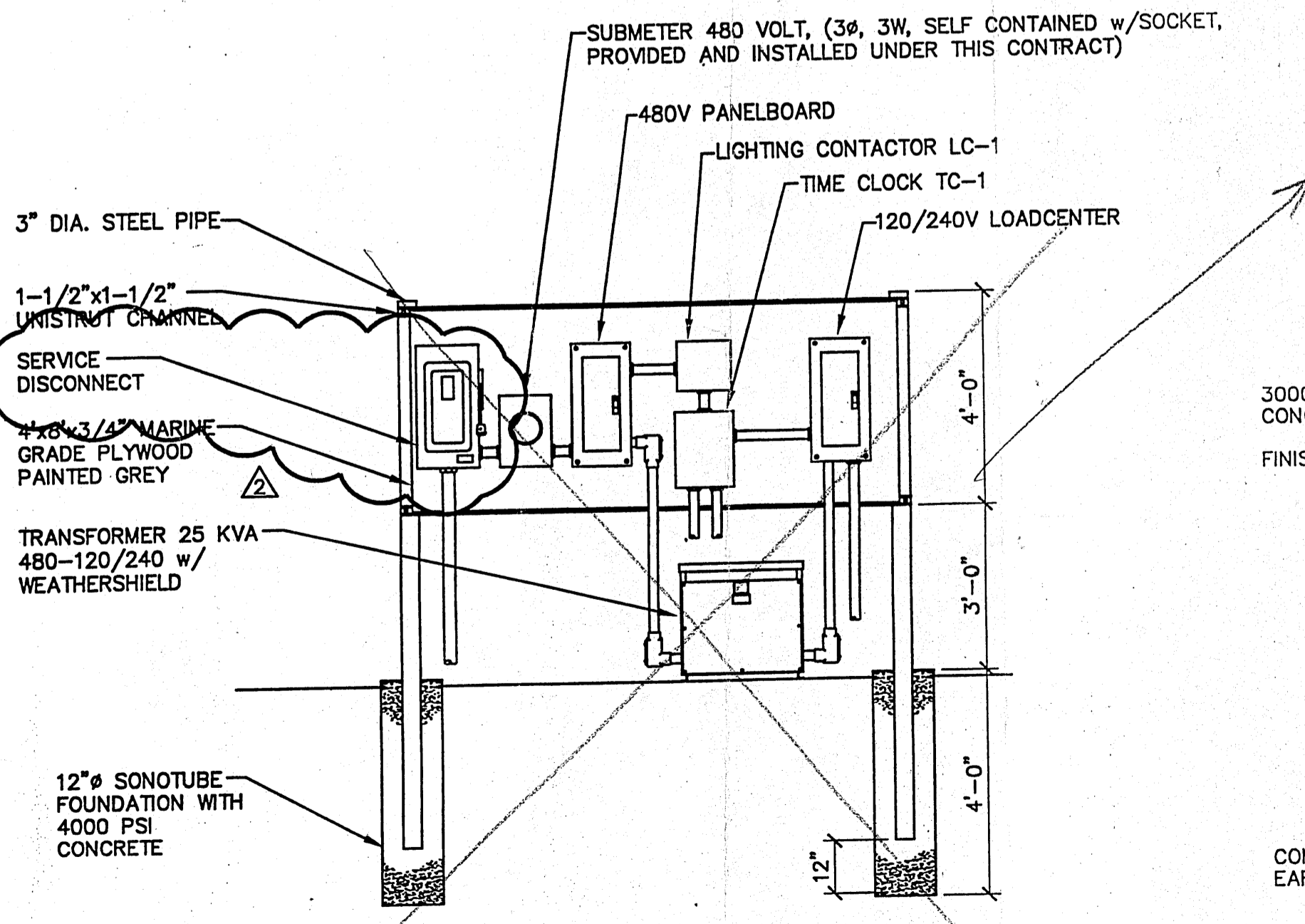
IN CHARGE OF <i>[Signature]</i>	FILE NO. 4966.21535.238	E-1
DESIGNED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i>	DATE JUNE 2002	
DRAWN BY <i>[Signature]</i>		

REVIEWED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 5/5/05 By *[Signature]*

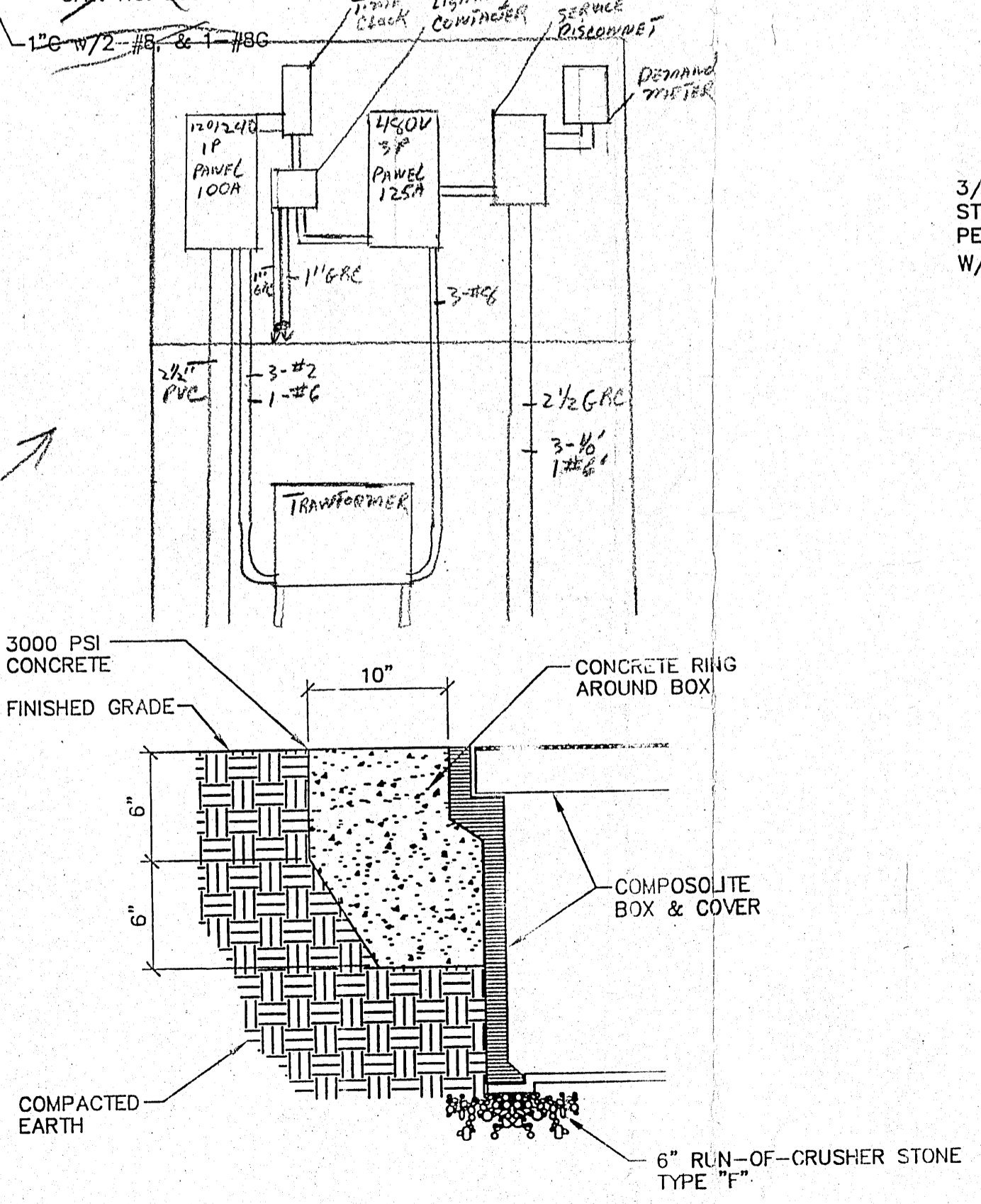
I:\V\17\PROJECTS\4966\21535\DWG\71\LANDFILL\RM\241.DWG SF-1



POWER SYSTEM ONE-LINE
NOT TO SCALE



ELECTRICAL EQUIPMENT ELEVATION
NOT TO SCALE

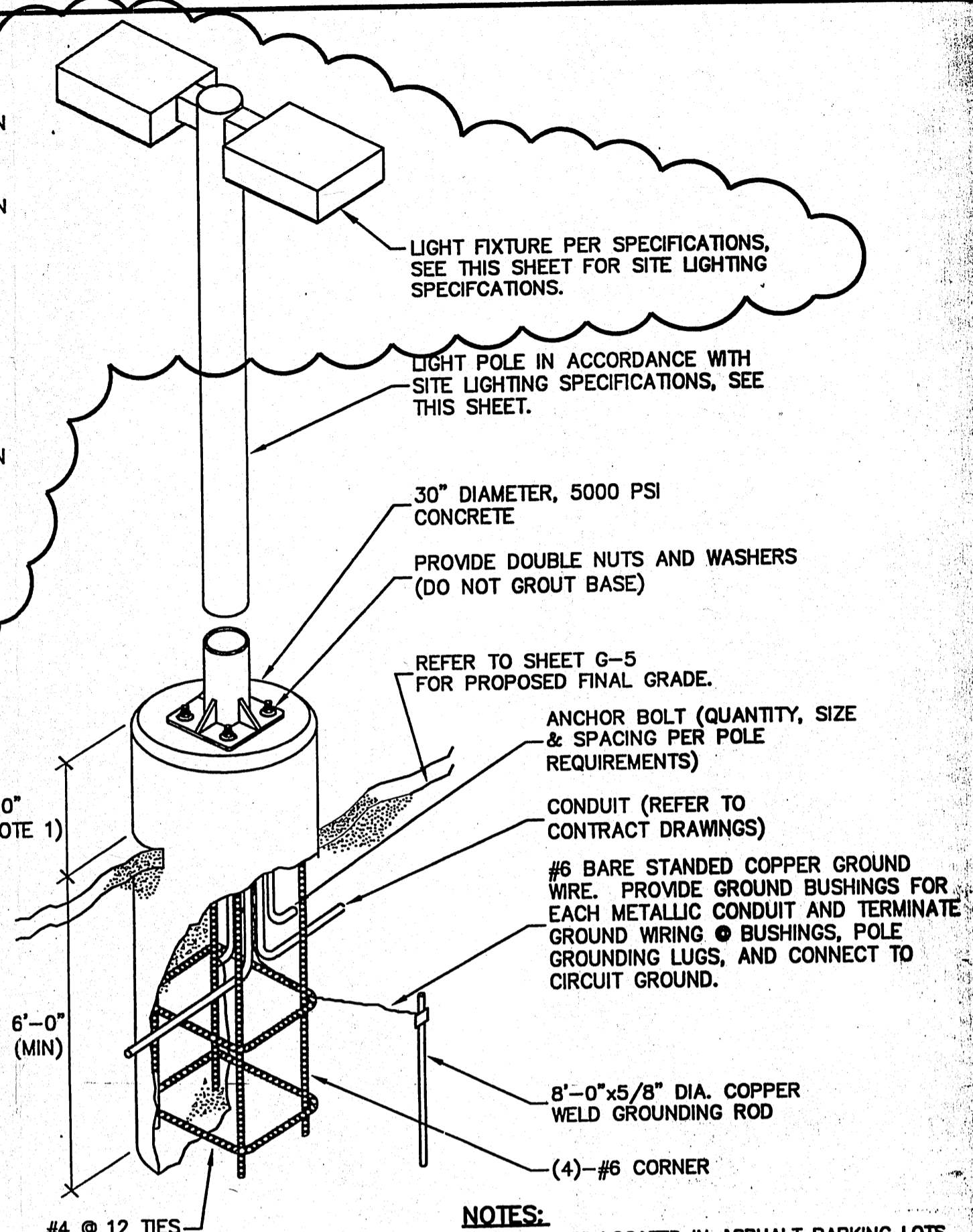
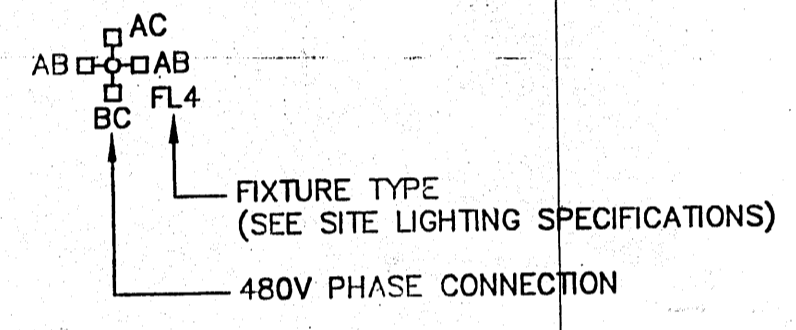


**POLYMER CONCRETE PULLBOX
INSTALLATION DETAIL**
NOT TO SCALE

SITE LIGHTING SPECIFICATIONS:

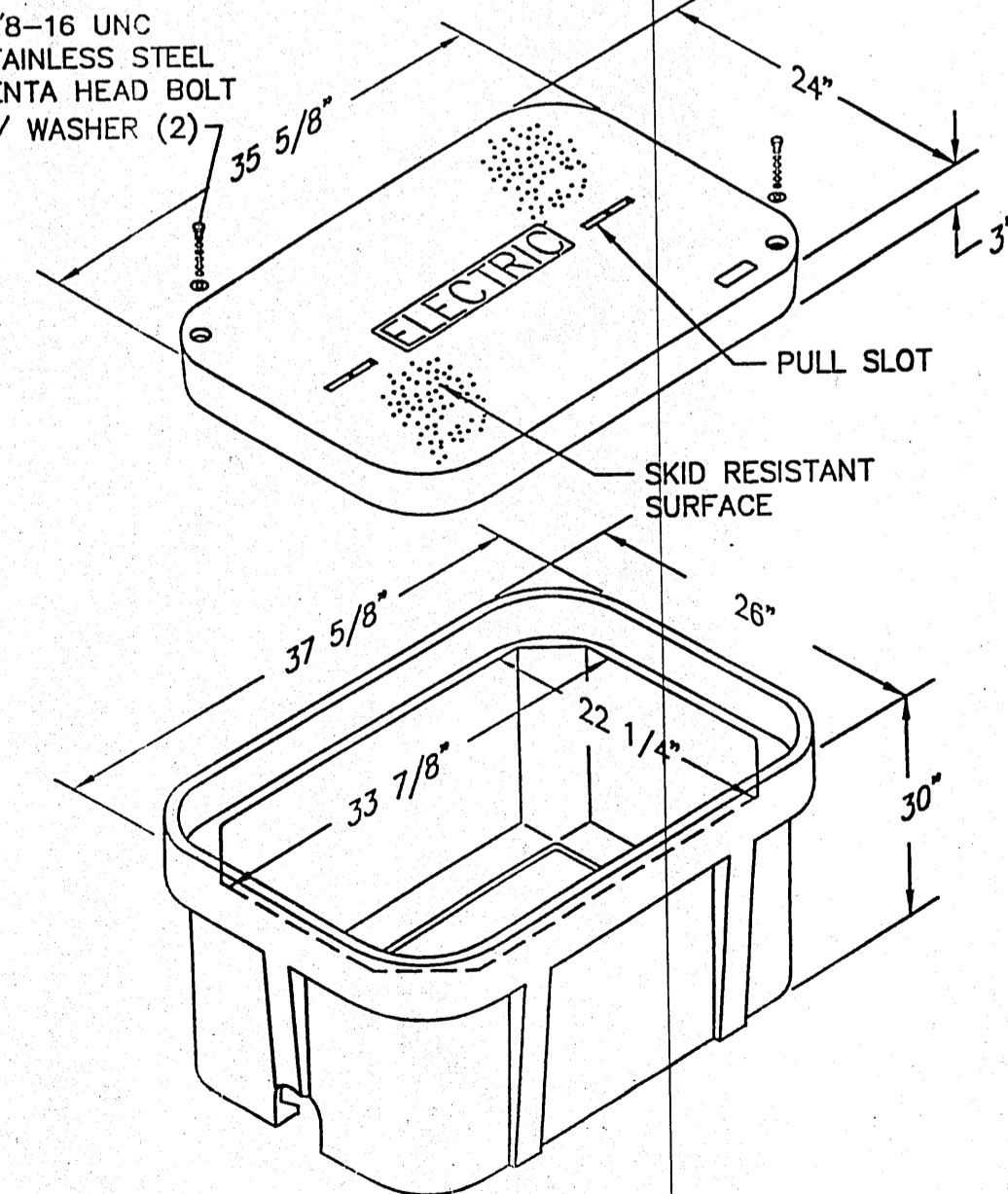
- FL1 SINGLE 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE SHALL BE MCGRAW-EDISON GLA-91-2-2-5-FT
- FL1A SINGLE 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 39 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE SHALL BE MCGRAW-EDISON GLA-91-2-2-5-FT
- FL2 TWO 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 30 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE SHALL BE MCGRAW-EDISON GLA-91-2-2-5-FT
- FL2A TWO 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 39 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE SHALL BE MCGRAW-EDISON GLA-91-2-2-5-FT
- FL3 THREE 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 39 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE SHALL BE MCGRAW-EDISON GLA-91-2-2-5-FT
- FL4 FOUR 1000 WATT HIGH PRESSURE SODIUM FIXTURE WITH FORWARD THROW LIGHT DISTRIBUTION 480V, MOUNTED ON 39 FOOT ROUND STEEL TAPERED POLE. FIXTURE ORIENTATION AS SHOWN. FIXTURE SHALL BE MCGRAW-EDISON GLA-91-2-2-5-FT
- POLE POLE SHALL BE ROUND TAPERED STEEL MOUNTING HEIGHT AS SCHEDULED POLE SHALL BE COOPER LIGHTING RTS9D39SF (39 FOOT POLE), PROVIDE MOUNTING ARMS AS REQUIRED.
- TC-1 LOCKABLE NEMA 3R TWO CHANNEL TIME CLOCK, PARAGON SUN TRACKER ELECTRONIC LIGHTING CONTROL #C72ST-N3 OR EQUAL. CIRCUIT NO. 1 SHALL BE SETUP FOR ON-DUSK/OFF-DAWN AND CONNECTED TO GENERAL LIGHTING CONTACTORS. PROVIDE 9-VOLT LITHIUM BATTERY FOR POWER OUTAGE CARRYOVER. PROVIDE PHOTOCELL.
- LC-1 GENERAL USE LIGHTING CONTACTOR. 30 AMP, 4 POLE, NEMA 4X STAINLESS STEEL ENCLOSURE, ELECTRICALLY HELD. SQUARE D CLASS 8903, TYPE LW60V02.

LEGEND



**TYPICAL FLOOD LIGHT FIXTURE
& POLE BASE DETAIL**
NOT TO SCALE

- NOTES:**
- FOR POLES LOCATED IN ASPHALT PARKING LOTS, INCREASE EXPOSED DIMENSION TO 30".
 - FOR POLES THAT PENETRATE THE 40 MIL LLDFE GEOMEMBRANE, SEE SHEET G-8 FOR "TYPICAL FLEXIBLE MEMBRANE COVER PENETRATION BOOT DETAIL".
 - CONTRACTOR MAY UTILIZE PRECAST LIGHTBASE AS MANUFACTURED BY LAKELANDS CONCRETE PRODUCTS, OR APPROVED EQUAL.



NOTE:
1. ALL PULLBOX COVER BOLTS SHALL BE VANDAL RESISTANT PENTA HEAD TYPE.

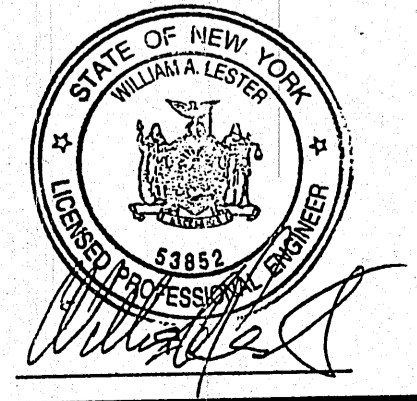
POWER PULLBOX (POLYMER CONCRETE)
POLYMER CONCRETE PULLBOXES SHALL INCLUDE BOTTOM BASE AND SHALL BE STRONGWELL/QUAZITE TYPE PG2436DA30

PULLBOX DETAIL
NOT TO SCALE

REVIEWED
REVIEWED SOLELY FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS
O'BRIEN & GERE ENGINEERS, INC.
Date 5/6/05 By *[Signature]*

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



NO.	DATE	REVISION
Δ	5/14/03	MODIFICATION #1
1	6/26/01	ISSUED FOR CONSTRUCTION
0	8/7/01	ISSUED FOR NYSDEC REVIEW

NOT TO SCALE

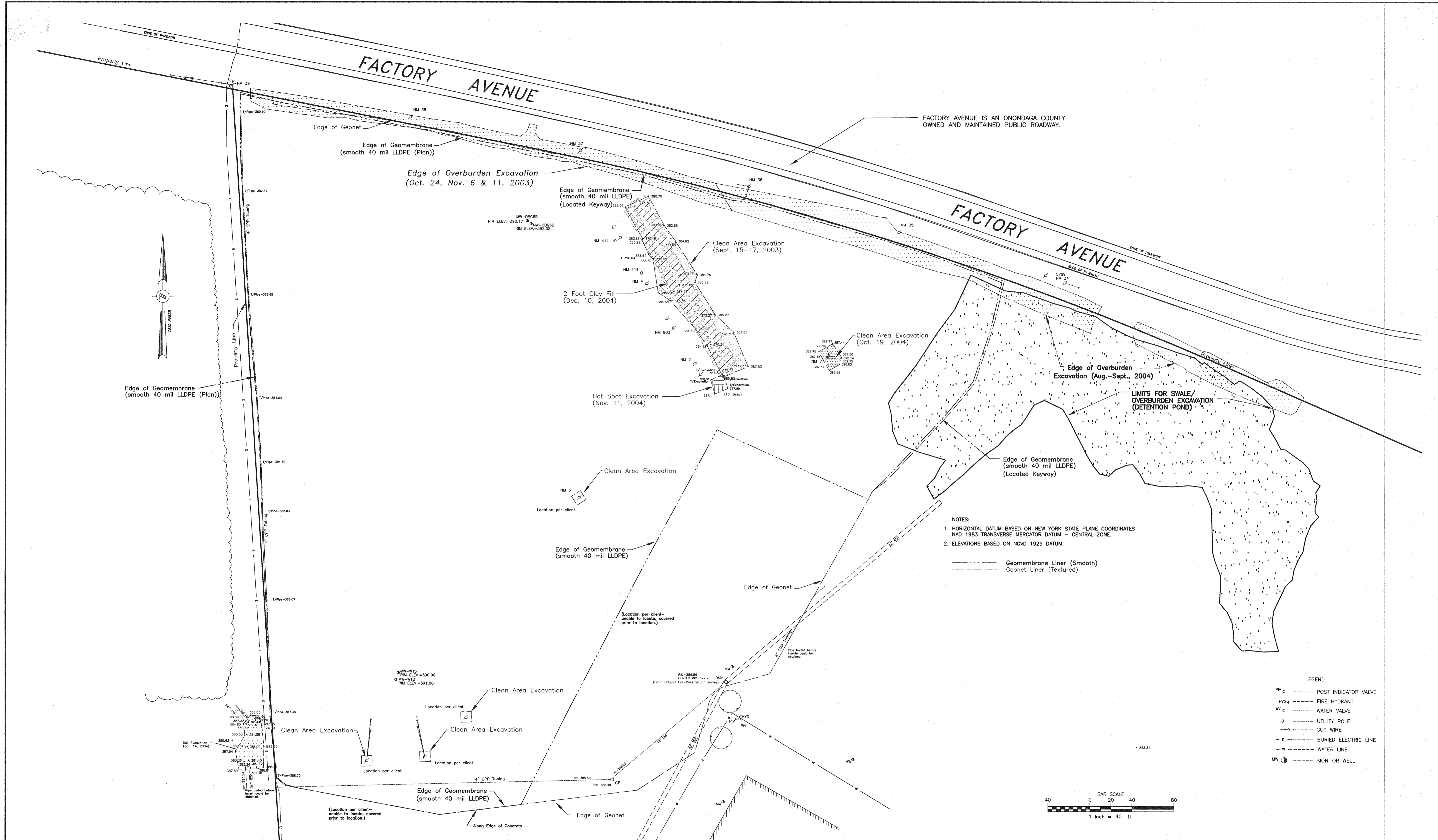


GENERAL MOTORS - FORMER IFG FACILITY
SYRACUSE, NEW YORK
FORMER LANDFILL IRM PROJECT

ELECTRICAL
**POWER SYSTEM ONE-LINE
AND DETAILS**

IN CHARGE OF <i>[Signature]</i>	FILE NO. 4966.21535.241	E-
DESIGNED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i>	DATE JUNE 2002	
DRAWN BY <i>[Signature]</i>		

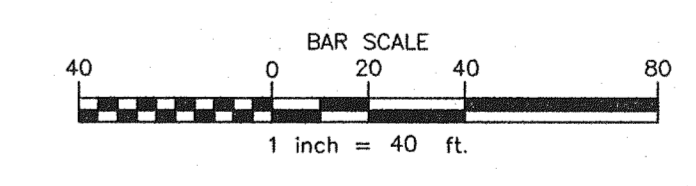
PLOT DATE: 6/26/02



NOTES:
 1. HORIZONTAL DATUM BASED ON NEW YORK STATE PLANE COORDINATES
 NAD 1983 TRANSVERSE MERCATOR DATUM - CENTRAL ZONE.
 2. ELEVATIONS BASED ON NGVD 1929 DATUM.

--- Geomembrane Liner (Smooth)
 --- Geonet Liner (Textured)

LEGEND
 PV ○ --- POST INDICATOR VALVE
 FH ○ --- FIRE HYDRANT
 WV ○ --- WATER VALVE
 U --- UTILITY POLE
 G --- GUY WIRE
 E --- BURIED ELECTRIC LINE
 W --- WATER LINE
 MW ○ --- MONITOR WELL

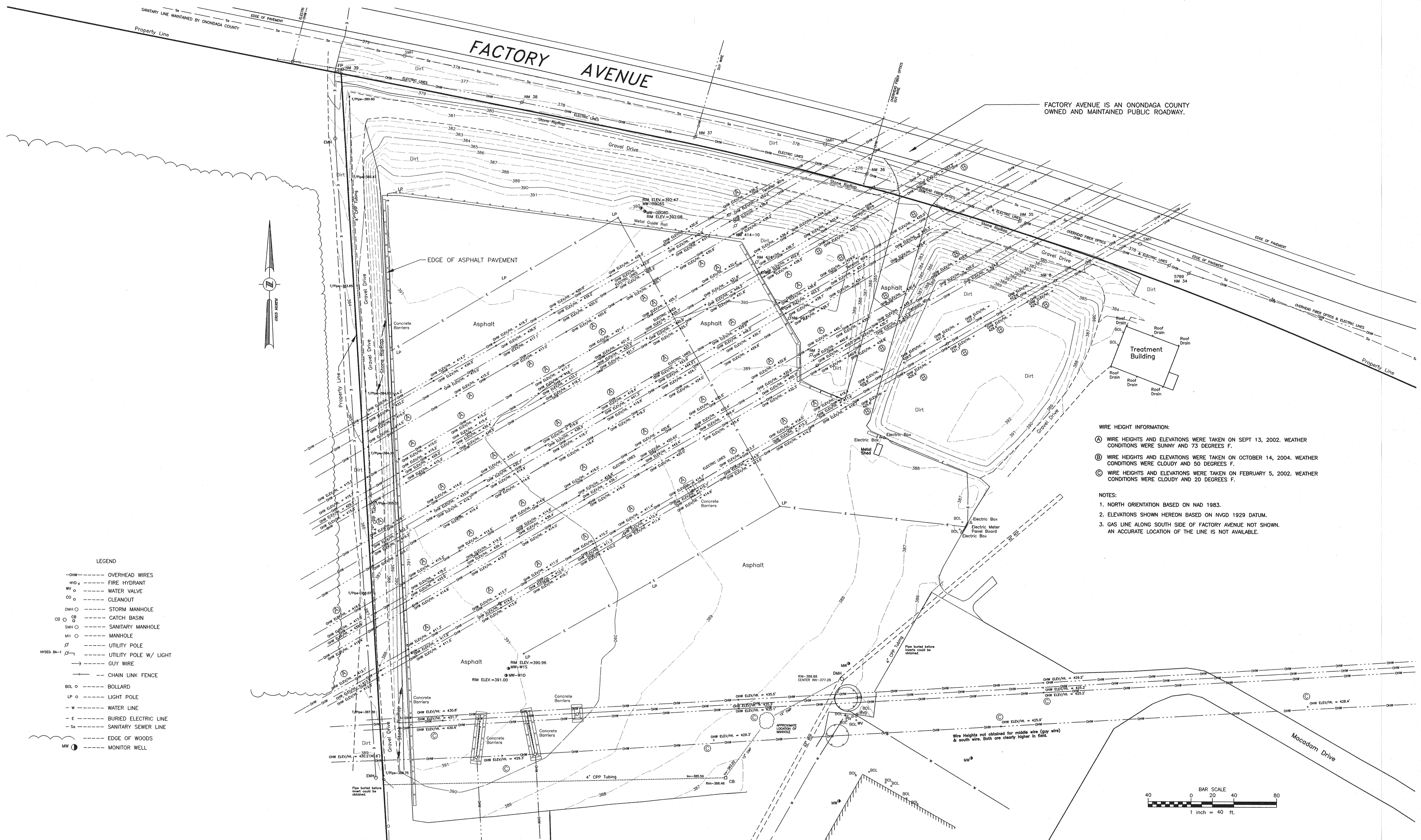


The data and drawings contained on this disk are the copyrighted material of registered professional engineers of C.T. Male Associates, P.C.
 As a service to our clients, we provide this information under the following conditions:
 1. This information is provided for the use of the client only.
 2. This information is not to be used for any other purpose without the written consent of C.T. Male Associates, P.C.
 3. This information is not to be used for any other purpose without the written consent of C.T. Male Associates, P.C.
 4. This information is not to be used for any other purpose without the written consent of C.T. Male Associates, P.C.
 5. This information is not to be used for any other purpose without the written consent of C.T. Male Associates, P.C.

CAD DWG. FILE NAME: EXCAVATION_RECORD.DWG

DAVID M. SLISKI, P.L.S. 50105 	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW. © 2005 C.T. MALE ASSOCIATES P.C. APPROVED: DRAFTED : DMS CHECKED : DMS PROJ. NO : 02.5046 SCALE : 1" = 40 FT DATE : JAN. 13, 2005	LINER & EXCAVATIONS RECORD SURVEY FORMER LANDFILL IRM PROJECT FORMER IFG FACILITY PREPARED FOR ROYAL ENVIRONMENTAL TOWN OF SALINA ONONDAGA COUNTY, NEW YORK C.T. MALE ASSOCIATES, P.C. 200 GATEWAY PARK DRIVE, BLDG. C, P.O. BOX 3246 SYRACUSE, NY 13220-3246 315-468-6488 FAX: 315-468-4427 ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES
	2/11/05	Add OBG comments	dms	dms	dms		
	3/09/05	Add OBG review comments	dms	dms	dms		

ONLY COPIES OF THIS MAP SIGNED IN RED INK AND EMBOSSED WITH THE SEAL OF AN OFFICER OF C.T. MALE ASSOCIATES, P.C. OR A DESIGNATED REPRESENTATIVE SHALL BE CONSIDERED TO BE A VALID TRUE COPY.

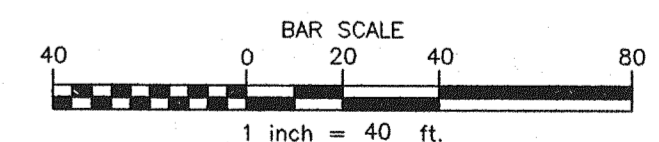


FACTORY AVENUE IS AN ONONDAGA COUNTY OWNED AND MAINTAINED PUBLIC ROADWAY.

- WIRE HEIGHT INFORMATION:
- (A) WIRE HEIGHTS AND ELEVATIONS WERE TAKEN ON SEPT 13, 2002. WEATHER CONDITIONS WERE SUNNY AND 73 DEGREES F.
 - (B) WIRE HEIGHTS AND ELEVATIONS WERE TAKEN ON OCTOBER 14, 2004. WEATHER CONDITIONS WERE CLOUDY AND 50 DEGREES F.
 - (C) WIRE HEIGHTS AND ELEVATIONS WERE TAKEN ON FEBRUARY 5, 2002. WEATHER CONDITIONS WERE CLOUDY AND 20 DEGREES F.

- NOTES:
1. NORTH ORIENTATION BASED ON NAD 1983.
 2. ELEVATIONS SHOWN HEREON BASED ON NVGD 1929 DATUM.
 3. GAS LINE ALONG SOUTH SIDE OF FACTORY AVENUE NOT SHOWN. AN ACCURATE LOCATION OF THE LINE IS NOT AVAILABLE.

- LEGEND
- OWM --- OVERHEAD WIRES
 - HD 4 --- FIRE HYDRANT
 - WV 4 --- WATER VALVE
 - CO 0 --- CLEANOUT
 - DMH 0 --- STORM MANHOLE
 - CB 0 --- CATCH BASIN
 - SMH 0 --- SANITARY MANHOLE
 - MH 0 --- MANHOLE
 - U --- UTILITY POLE
 - MSGD BA-1 --- UTILITY POLE W/ LIGHT
 - --- CHAIN LINK FENCE
 - BOL 0 --- BOLLARD
 - LP 0 --- LIGHT POLE
 - W --- WATER LINE
 - E --- BURIED ELECTRIC LINE
 - Sa --- SANITARY SEWER LINE
 - --- EDGE OF WOODS
 - MW 1 --- MONITOR WELL



DAVID M. SLUSKI, P.L.S.
50105

D.M. Sluski

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
2/11/05	Add OBG comments	dms	dms	dms	© 2005 C.T. MALE ASSOCIATES P.C. APPROVED:
3/15/05	Add OBG review comments	dms	dms	dms	
3/21/05	Remove Gas line; Change San. linetype	dms	dms	dms	
3/23/05	Add Approx. location of MH; Revise Legend	dms	dms	dms	
					DRAFTED : DMS
					CHECKED : DMS
					PROJ. NO : 02.5046
					SCALE : 1" = 40 FT
					DATE : JAN. 13, 2005

**LANDFILL RECORD SURVEY
FORMER LANDFILL IRM PROJECT
FORMER IFG FACILITY
PREPARED FOR
ROYAL ENVIRONMENTAL**

TOWN OF SALINA ONONDAGA COUNTY, NEW YORK

C.T. MALE ASSOCIATES, P.C.
200 GATEWAY PARK DRIVE, BLDG. C, P.O. BOX 3246
SYRACUSE, NY 13220-3246
315.458.6498 • FAX 315.458.4427

ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

SHEET 1 OF 1
DWG. NO: 03-493

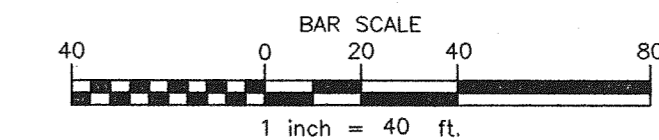
"ONLY COPIES OF THIS MAP SIGNED IN RED INK AND EMBOSSED WITH THE SEAL OF AN OFFICER OF C.T. MALE ASSOCIATES, P.C. OR A DESIGNATED REPRESENTATIVE SHALL BE CONSIDERED TO BE A VALID TRUE COPY."

CAD DWG. FILE NAME: RECORDSURVEY.DWG

CAD DWG. FILE NAME: RECORDSURVEY.DWG



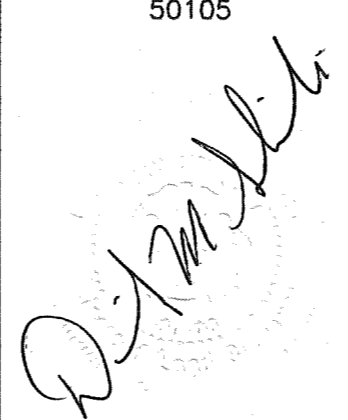
- NOTES:
1. STONE ELEVATIONS ARE BASED ON FIELD LOCATIONS TAKEN ON NOV. 10 & 18, 2003 AND AUGUST 16, 2004. ACCESS ROAD GRAVEL TAKEN NOV. 5, 2004. ADDITIONAL LOCATIONS TAKEN FROM ASPHALT SHOTS TAKEN NOV. 22, 2004 AND MEASUREMENTS DOWN TO TOP OF GRAVEL.
 2. CONTOURS AND SPOTS GRADES ARE TO TOP OF STONE.
 3. NORTH ORIENTATION BASED ON NAD 1983.
 4. ELEVATIONS SHOWN HEREON BASED ON NYVD 1929 DATUM.
 5. DEPTH MEASUREMENT (Depth-0.83) SHOWS THE DEPTH OF STONE LAYER COMPARED TO THE SUBGRADE ELEVATION.



1. Report created and used by C.T. Male Associates, Inc. (hereinafter "C.T. Male Associates") on behalf of the client. C.T. Male Associates, Inc. is hereby disclaiming any and all liability for the accuracy or completeness of the information contained herein. Any reliance on the information contained herein is at the user's sole risk. C.T. Male Associates, Inc. is not responsible for any errors or omissions in this report.

CAD DWG. FILE NAME: LANDFILL_STONELAYER_RECORD.DWG

ONLY COPIES OF THIS MAP SIGNED IN RED INK AND EMBOSSED WITH THE SEAL OF AN OFFICER OF C.T. MALE ASSOCIATES, P.C. OR A DESIGNATED REPRESENTATIVE SHALL BE CONSIDERED TO BE A VALID TRUE COPY.

DAVID M. SLISKI, P.L.S. 50105 	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	2/10/05	Add OBC comments	dms	dms	dms

LANDFILL STONE LAYER RECORD SURVEY
FORMER LANDFILL IRM PROJECT
FORMER IFG FACILITY
PREPARED FOR
ROYAL ENVIRONMENTAL

TOWN OF SALINA ONONDAGA COUNTY, NEW YORK

C.T. MALE ASSOCIATES, P.C.
 200 GATEWAY PARK DRIVE, BLDG. C, P.O. BOX 3246
 SYRACUSE, NY 13220-2246
 315-455-6498 • FAX 315-428-4427

ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
 ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

SHEET 1 OF 1
 DWG. NO: 03-493



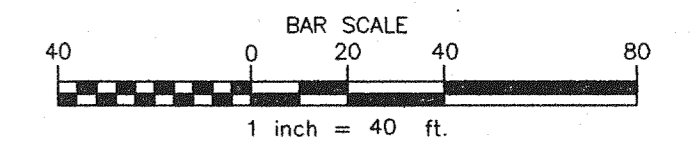
FACTORY AVENUE IS AN ONONDAGA COUNTY OWNED AND MAINTAINED PUBLIC ROADWAY.

FACTORY AVENUE

50' LANDFILL GRID

Macadam Drive

- NOTES:
1. SUBGRADE ELEVATIONS ARE BASED ON FIELD LOCATIONS TAKEN ON OCTOBER 2, 2003, NOVEMBER 10, 2003 & OCTOBER 4 & 14, 2004.
 2. CONTOURS AND SPOTS GRADES ARE TO TOP OF DIRT SUBGRADE.
 3. NORTH ORIENTATION BASED ON NAD 1983.
 4. ELEVATIONS SHOWN HEREON BASED ON NVGD 1929 DATUM.
 5. THESE SPOT GRADES WERE NOT OBTAINED. THIS AREA WAS USED AS A MATERIAL STAGING AREA DURING THE CONSTRUCTION OF THE LANDFILL THAT WAS GRADED AND COVERED WITH THE BARRIER PROTECTION MATERIAL WHILE A SURVEY CREW WAS NOT ON SITE TO RECORD THE INFORMATION.



The data and drawings contained on this plan are the copyrighted material of the undersigned or his/her employees or agents. Any reproduction or use of this plan without the written consent of the undersigned is prohibited. Any reproduction or use of this plan without the written consent of the undersigned is prohibited. Any reproduction or use of this plan without the written consent of the undersigned is prohibited. Any reproduction or use of this plan without the written consent of the undersigned is prohibited.

CAD DWG. FILE NAME: LANDFILL_SUBGRADE_RECORD.DWG

"ONLY COPIES OF THIS MAP SIGNED IN RED INK AND EMBOSSED WITH THE SEAL OF AN OFFICER OF C.T. MALE ASSOCIATES, P.C. OR A DESIGNATED REPRESENTATIVE SHALL BE CONSIDERED TO BE A VALID TRUE COPY."

DAVID M. SLUSKI, P.L.S. 50105 	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW. © 2004 C.T. MALE ASSOCIATES P.C. APPROVED: DRAFTED : DMS CHECKED : DMS PROJ. NO : 02.5046 SCALE : 1" = 40 FT DATE : NOV. 4, 2003
	11/11/03	Revise Grades	dms	dms	dms	
	10/05/04	Update map to show additional grading	dms	dms	dms	
	10/14/04	Additional grading of Roadway; Liner Location	dms	dms	dms	
	1/5/05	Add Liner Locations, Geonet, 4"CPP	dms	dms	dms	
	2/10/05	Add OBG comments	dms	dms	dms	
3/11/05	Add OBG review comments	dms	dms	dms		

LANDFILL SUBGRADE RECORD SURVEY
FORMER LANDFILL IRM PROJECT
FORMER IFG FACILITY
PREPARED FOR
ROYAL ENVIRONMENTAL

TOWN OF SALINA ONONDAGA COUNTY, NEW YORK

C.T. MALE ASSOCIATES, P.C.
 200 GATEWAY PARK DRIVE, BLDG. C, P.O. BOX 3246
 SYRACUSE, NY 13220-3246
 315.458.6498 * FAX 315.458.4427

ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
 ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

SHEET 1 OF 1
 DWG. NO: 03-491