BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
6723 Towpath Road, P.O. Box 66, Syracuse, New York 13214-0066
(315) 446-9120 FAX: (315) 449-0017

March 21, 1995

Mr. Paul Wm. Hare, C.P.G.
Remedial Project Manager
General Electric Company
1 Computer Drive South
Albany, NY 12205

Re: Engineering Certification Report
Containment System Enhancement
Moreau Site
South Glens Falls, New York

File: 0100.10009 #2

Transmitted Via: *U.S. Mail*
Pages Sent: *7 Plus Attachments*

Dear Mr. Hare:

This letter presents the Engineering Certification Report for the construction of the Containment System Enhancement at the Moreau Site (the Site) in the Town of Moreau, Saratoga County, New York. The Site is located approximately 1,300 feet west of Fort Edward Road between Williams Street and Bluebird Road, just south of the Village of South Glens Falls.

Background Information

Pursuant to a September 23, 1980 Agreement (the Agreement) between the General Electric Company (GE) and the New York State Department of Environmental Conservation (NYSDEC), GE designed and constructed a containment system at the Site to encompass an evaporation pit which reportedly was used for the disposal of waste materials containing polychlorinated biphenyls (PCBs) and trichloroethylene (TCE). The containment system was designed to limit the infiltration of precipitation and to restrict the movement of contaminated ground water from areas which contained the highest concentrations of contaminants.

The containment system consists of a soil-bentonite cutoff wall and a clay cap. The cutoff wall encompasses an area of about 3.6 acres and extends vertically downward approximately 95 feet deep to key into low-permeability glaciolacustrine clay. A multi-layered cap, consisting of 3.5 feet of low-permeability clay, 12 inches of silty sand, and 4 inches of topsoil, was installed over and extended 8 feet beyond the perimeter of the cutoff wall. The NYSDEC certified construction of the containment system on February 20, 1986.

A relief well (designated RW-1) was installed within the containment system to provide an access point for ground-water elevation monitoring and to allow for the removal of limited amounts of ground water which might accumulate within the containment system. The relief well was constructed of 6-inch diameter flush-joint polyvinyl chloride (PVC), with 10 feet of slotted screen and granular filter pack within the annular space

from the bottom of the borehole to a point above the screened interval. The bottom of the well screen is at an elevation of 298 feet above mean sea level (MSL), or about 62 feet below the finished ground surface elevation of about 360 feet MSL.

The Site is currently designated as a Class 4 site on the NYSDEC's Registry of Inactive Hazardous Waste Disposal Sites (Site #5-46-001). This designation indicates proper closure but with a requirement for continued management. Since December 1985, GE has implemented an approved Maintenance and Monitoring Program which includes monthly measurements of ground-water elevations within and outside the containment system and submission of quarterly reports to NYSDEC. These reports have also been submitted to the United States Environmental Protection Agency (USEPA). GE investigated off-site areas pursuant to a November 21, 1983 Consent Order (the Consent Order) between GE and USEPA, and subsequently implemented the USEPA's July 13, 1987 Record of Decision (ROD) which incorporated, among other things, the existing containment system.

In a January 7, 1991 letter, the USEPA expressed concerns regarding data which indicated that the water-level elevation within the containment system was higher than the water-level elevation in the aquifer outside of the containment system. The USEPA therefore requested that GE evaluate the hydraulic performance of the containment system. In response to that request, GE conducted an evaluation which consisted of compiling, reviewing, and evaluating existing information concerning the design, construction and performance of the containment system. The results are documented in the Containment System Performance Evaluation Report (Performance Evaluation Report) prepared by Dunn Corporation and submitted to the USEPA on August 26, 1991.

Based on its review of the Performance Evaluation Report, USEPA concluded that enhancement of the containment system would be desirable. In a January 29, 1992 letter, the USEPA requested that GE submit a plan to enhance the performance of the containment system by lowering the water-level elevation inside the cutoff wall using the existing relief well and/or additional/alternate relief wells. The USEPA also requested information concerning methods for treatment and disposal of the excess ground water and solicited post-enhancement performance criteria.

Representatives of the USEPA and GE met on March 23, 1992 to discuss the enhancement of the containment system, and agreed that additional pre-design information was necessary to evaluate any enhancement alternatives. In response, GE submitted the Containment System Pre-Design Investigation (PDI) Work Plan (PDI Work Plan) prepared by Blasland, Bouck & Lee, Inc. (BB&L) and dated April 10, 1992. The PDI Work Plan described investigation activities needed to generate the required pre-design data and also included a focused analysis of alternatives (FAA). USEPA and NYSDEC approved the PDI Work Plan in a letter dated May 7, 1992.

After agency approval, GE implemented the PDI. The results of the PDI are documented in the Containment System PDI Report (PDI Report) prepared by BB&L dated February 5, 1993. As a result of the PDI activities, it was determined that relief well RW-1 would initially yield about 21 gallons per minute (gpm). Although this yield would decrease as pumping progressed, it was determined that the yield of the existing relief well would be sufficient to reduce the water-level elevation in the containment system within a reasonable timeframe. Sampling results for the relief well indicated that the primary contaminants in ground water within the containment system are volatile organic compounds (VOCs), primarily TCE, and low concentrations of PCBs. The concentrations of these compounds were not sufficiently elevated to warrant installation of an alternate/additional relief well at another location or depth within the containment system.

As part of the PDI, post-enhancement performance criteria were developed to demonstrate after the initial enhancement that an inward hydraulic gradient across the cutoff wall was created and subsequently maintained. Based on measurements obtained during the PDI, the water-level elevation within the containment system would need to be lowered by 8.66 feet to achieve the post-enhancement performance criteria which were proposed in the PDI. This would require the removal of approximately 3,085,000 gallons of ground water and, based on the drop in yield which would occur through time at relief well RW-1, would take approximately 139 days using the existing relief well. The goal was to achieve the post-enhancement performance criteria in the first year of the enhancement activities.

An operational target was also proposed in the PDI Report wherein the water-level elevation within the containment system would be reduced by an additional 2.92 feet during the initial enhancement activities. This would eliminate problems associated with the fluctuating water-table elevations in the aquifer outside the containment system and extend the time period before any subsequent enhancement activities might be required. The additional water-level elevation reduction of 2.92 feet would involve the removal of an additional 1,040,000 gallons of ground water and would take a period of approximately 73 days. The goal was to achieve the operational target during the second year of the enhancement activities.

The FAA portion of the PDI involved the identification and screening of various ground-water treatment, discharge, and/or disposal options. Nine enhancement alternatives were then developed and analyzed in detail. The PDI Report presented the results of this analyses and identified the preferred enhancement alternatives for the USEPA's review.

In a March 26, 1993 letter, the USEPA approved the PDI Report, as submitted, including the operational target for the initial enhancement and the post-enhancement performance criteria. The USEPA and the NYSDEC agreed that the preferred enhancement alternative was that of on-site treatment for VOCs followed by transportation of the treated ground water to the wastewater treatment facility at GE's Fort Edward, New York plant for treatment of PCBs and subsequent discharge to surface water pursuant to a State Pollutant Discharge Elimination System (SPDES) permit.

The Containment System Enhancement was announced by USEPA in an Explanation of Significant Differences (ESD) dated February 22, 1994. This ESD modified the ROD and required the removal, treatment, and subsequent off-site transportation of approximately 4,125,000 gallons of contaminated ground water from the existing relief well located inside the containment system. The ESD also modified the performance criteria for the water level within the containment system, and requires post-enhancement monitoring to document that the new criteria are being achieved. NYSDEC concurrance with the Containment System Enhancement was documented in the ESD. On March 1, 1994, USEPA held a public information meeting to present information supporting the need for the enhancement and describing the details of its implementation.

To expedite the enhancement, GE sumitted the Moreau Site Containment System Enhancement Contract Drawings (Contract Drawings) and the Containment System Enhancement Materials and Performance Specifications (Materials and Performance Specifications) to the USEPA and NYSDEC on September 24, 1993 for review. The Containment System Enhancement Construction/Start-Up Plan (Construction/Start-Up Plan) was then submitted to the USEPA and NYSDEC on October 5, 1993. The USEPA and NYSDEC approved both the Contract Drawings and Materials and Performance Specifications on October 7, 1993, and then approved the Construction/Start-Up Plan on October 8, 1993.

Overview of Construction/Start-Up Activities

Clean Berkshires, Inc. (CBI), now Maxymillian Technologies, Inc., was selected by GE as General Contractor to perform construction and start-up of the Containment System Enhancement. A Remediation Contract was executed by and between GE and CBI on November 29, 1993.

Construction of the Containment System Enhancement consisted of the following major components:

- Relief well ground-water pump;
- Relief well secondary containment unit;
- Double-walled aboveground transfer pipeline;
- A 21-foot by 26-foot treatment system enclosure;
- Low-profile air stripper;
- Vapor-phase granular activated carbon (GAC) unit;
- Duct heater;
- Air stripper sump transfer pump;
- Concrete containment area;
- Containment area sump transfer pump;
- Six 30,000-gallon storage tanks;
- Storage tank recycle pump;
- Loading platform;
- Loading pumps;
- Associated valves and piping; and
- Associated electrical wiring, controls, and alarms.

During the course of construction, CBI employed several subcontractors at the site. The names of the subcontracted firms and the work element each performed are presented below:

Subcontractor	Work Element
M&W Heating, Inc.	Process piping, heating and air stripper exhaust duct work
Stodden Electrical Contractors, Inc.	Electrical wiring, connections and lighting
Wahconah Welding, Inc.	Metal building
Glen Instrument Co., Inc.	Instrumentation and process control computer hardware and software
Industrial Corrosion Services	Concrete epoxy coating
W.W. Pantenande Sons, Inc.	Painting
Heary Bros. Lightning Protection	Lightning protection system
Berkshire Fence	Security fencing

Construction of the Containment System Enhancement began on April 27, 1994 and was substantially completed on September 12, 1994. The dates of completion of key construction elements were as follows:

Key Construction Event	Date
Concrete pours completed	July 8, 1994
Air stripper set	July 15, 1994
Metal building erected	July 28, 1994
Fiberglass storage tanks set	July 28, 1994
Vapor-phase carbon unit set	August 30, 1994
Piping completed	September 8, 1994
Electrical work substantially completed	September 12, 1994
Final inspection completed	November 21, 1994

Periodically during the construction of the Containment System Enhancement, representatives from the USEPA and NYSDEC visited the site to discuss the project and observe the progress and quality of construction activities. The dates of agency visits are presented below:

USEPA Site Visits	NYSDEC Site Visits
May 4, 1994	June 14, 1994
June 14, 1994	June 23, 1994
June 15, 1994	August 30, 1994
July 12, 1994	
August 30, 1994	

The start-up phase of the Containment System Enhancement began on September 12, 1994. Although several punchlist items remained, the Containment System Enhancement was put into normal operation on October 14, 1994, and Groundwater Technologies, Inc. (GTI), the Operations Contractor retained by GE, assumed responsibility for system operation. GE, BB&L, and CBI representatives performed a final walkover inspection on November 21, 1994 and, although a few punchlist items remained to be completed, the project was deemed substantially complete.

A weekly summary of construction and start-up activities conducted during the project is included as Attachment 1. A punchlist of the few items that need to be completed is also provided in Attachment 1.

Construction Quality Control

In order to assure quality control during construction, all work was performed under the guidelines set forth in the Containment System Enhancement Construction Quality Assurance Plan (CQAP), which was included as Appendix A of the Construction/Start-Up Plan. Prior to commencement of construction activities, pre-construction meetings were held on December 1, 1993 and April 27, 1994, between GE, BB&L, and CBI

representatives. The purpose of the pre-construction meetings was to discuss the CQAP and its role relative to all contract documents, the responsibilities of each organization, the submittal review process, work area security, health and safety procedures, and steps to be taken to minimize community impacts during construction. As part of the CQAP, CBI was required to provide submittals to BB&L on all components of the Containment System Enhancement. Additionally, BB&L provided full-time, on-site construction observation during all construction and start-up activities conducted by CBI.

The CQAP also required that testing be performed on certain parts of the Containment System Enhancement. The testing performed is listed below:

Item	Test
Concrete	Slump, entrained air, and 7-day and 28-day cylinder compressive break test
Pipelines	Hydrostatic pressure test
Pumps	Pump operation test
Electrical	Final electrical inspection

The testing and inspection results are included as Attachments 2-1 through 2-4.

Throughout the start-up phase of the Containment System Enhancement, performance verification samples were collected by BB&L and analyzed by Adirondack Environmental Services, Inc. in accordance with the protocols set forth in the Containment System Enhancement Start-Up Plan, which was included as Appendix B of the Construction/Start-Up Plan. The analytical results are included in Attachment 2-5.

Construction Activities

During construction and start-up of the Containment System Enhancement, several issues arose that required corrective action in order for the construction to proceed in conformance with the Construction/Start-Up Plan. The following table summarizes the more significant issues and the corrective actions taken during the project.

Issue	Corrective Action
Potential for dust generation from the existing crushed shale access road due to increased heavy traffic	The existing access road was overlaid with a 12½-foot-wide sheet of woven geotextile and then covered with an 8-inch layer of compacted crushed stone.
Storage tank anchor bolt design did not extend through the tank pad into the containment area floor slab	Hilti® adhesive anchor bolts, 16-inches long, were installed in each tank pad.

Issue	Corrective Action
Existing site security fence did not prevent vandalism of construction equipment	Twelve hundred (1,200) linear feet of additional security fencing was installed to extend the site fence perimeter around the treatment area and also around monitoring well OW-5.
Air stripper did not consistently meet performance specifications	A fourth tray was added to the air stripper and duct work was installed to provide outside air to the air stripper blower inlet.

Other minor changes to the USEPA-approved Contract Drawings and Materials and Performance Specifications were deemed necessary and incorporated during construction and start-up of the Containment System Enhancement. These changes are summarized in Attachment 3 and are shown on the record drawings, which are included in Attachment 4 (bound separately). Selected photographs of the completed treatment system are presented in Attachment 5, and an Engineer's Certification Statement is presented in Attachment 6.

System Operations

On June 27, 1994, the Containment System Enhancement Operations Plan (Operations Plan) was submitted to USEPA and NYSDEC for review and was subsequently approved by these agencies on July 15, 1994. GE selected GTI as the Operations Contractor for the Containment System Enhancement, and an Operation and Maintenance Contract was executed by and between GE and GTI on October 10, 1994. Following the completion of start-up activities by CBI, GTI initiated normal operations on October 14, 1994. GTI operated the treatment system until November 15, 1994, and then shut down and prepared the system for the winter. Approximately 858,450 gallons of ground water were removed from the containment system, treated on-site for VOCs and transported to the wastewater treatment facility at GE's Fort Edward, New York plant for treatment of PCBs and subsequent discharge to surface water pursuant to its SPDES permit. Subsequent water-level elevation measurements indicate that a 2.46-foot reduction has been accomplished thus far. Operations are set to resume in the spring of 1995 to complete the enhancement of the containment system.

Please contact me should you have any questions.

Very truly yours,

BLASLAND, BOUCK & LEE, INC.

Donald F. Sauda
Manager, Engineering

DFS/mbl
Attachment
2595842H

Paul Wm. Hare
Remedial Project Manager

Corporate Environmental Programs
General Electric Company
One Computer Drive South, Albany, NY 12205
518 458 6613
8 920 6613
Fax: 518 458 9247
8 920 9300

March 20, 1995

Ms. Alison Hess
New York/Caribbean Compliance Section
Office of Emergency Response
United States Environmental Protection Agency
290 Broadway - 20th Floor
New York, New York 10007-1866

Subject: **Remedial Action Report for Containment System Enhancement**
Moreau Site
South Glens Falls, New York

Dear Alison:

Enclosed you will find two copies of the Engineering Certification Report prepared by Blasland, Bouck & Lee, Inc. for the Containment System Enhancement at the Moreau Site in South Glens Falls, New York. You will also find enclosed two copies of a table which itemizes the costs incurred for the various design, construction and start-up activities which were performed; costs associated with pre-design activities are not included in this table. Together, the above-referenced documents comprise the Remedial Action Report which you requested for the Containment System Enhancement. Please contact me if you have any questions regarding this matter.

Sincerely,

Paul Wm. Hare
Remedial Project Manager

enclosures

cc: Michael O'Toole, Jr., P.E., DEC (Central Office)
Daniel Steenberge, P.E., DEC (Region 5)
Michael Loucy, Groundwater Technologies (w/ two copies of report)

PH/ph
95052

Remedial Design/Remedial Action (RD/RA) Costs
Containment System Enhancement
Moreau Site
South Glens Falls, New York

Design Costs:	**$ 147,100**
Permitting [1]	$ 7,600
Preparation of Design Documents [2]	$ 139,500
Construction Costs:	**$ 922,900**
Construction [3]	$ 792,700
Construction Administration/Observation [4]	$ 130,200
Start-Up Costs:	**$ 55,100**
Start-Up	$ 11,500
Start-Up Administration/Observation [5]	$ 43,600
TOTAL RD/RA COSTS:	**$1,125,100** [6]

1 Includes air permitting associated with the on-site groundwater treatment system and modification of existing State Pollutant Discharge Elimination System permit for the wastewater treatment facility at the General Electric Company's plant in Fort Edward, New York.

2 Includes the Moreau Site Containment System Enhancement Contract Drawings, Containment System Enhancement Material and Performance Specifications, Containment System Enhancement Construction/Start-Up Plan and Containment System Enhancement Operations Plan.

3 Includes changes incorporated into the approved design documents (e.g., improvement of exising access road, installation of additional security fencing).

4 Includes assistance with contractor selection. Also includes preparation of Record Drawings and Engineering Certification Report. Value provided is for services through December 31, 1994; outstanding costs deemed minor.

5 Includes sampling of influent, effluent and storage tanks, and associated analytical costs. Vlue provided is for services through December 31, 1994; outstanding costs deemed minor.

6 Costs associated with pre-design activities are not included.

Attachment 1

Summary of Weekly Construction and Start-Up Activities

Summary of Weekly Construction/Start-Up Activities
Containment System Enhancement
Moreau Site
South Glens Falls, New York

Week 1 - April 27 through April 29, 1994

A second pre-construction meeting was held at the site to overview the project. (An earlier pre-construction meeting had been held on December 1, 1993). Those in attendance were Paul Hare of General Electric Company (GE), Donald Sauda and Wayne DeCarr of Blasland, Bouck & Lee, Inc. (BB&L) and Dennis O'Brien of Clean Berkshires, Inc. (CBI), now Maxymillian Technologies, Inc. CBI surveyed and staked out the limits of the turnaround/parking area. Trees and brush located within the perimeter of the turnaround/parking area were cut down and shredded. CBI set up two site field office trailers and installed a wooden pole for the temporary site power meter and receptacle box. New York Telephone (NYT) installed a telephone in each field office trailer. Niagara Mohawk Power Corporation (NMPC) and NYT personnel visited the site and verified the absence of underground NMPC and NYT utilities within the area of proposed excavation. CBI provided portable sanitary, wash water and drinking water facilities for the site.

Week 2 - May 2 through May 6, 1994

CBI established off-set construction benchmarks for the enclosure and containment area. CBI stripped topsoil from the enclosure and containment area and stockpiled the topsoil within the site security fence. CBI began excavation of the containment area and stockpiled excavated material adjacent to the topsoil stockpile. CBI's electrical subcontractor, Stodden Electric (Stodden), installed the temporary power meter box and power lines to each field office trailer. Commonwealth Electrical Inspection Service, Inc. inspected the temporary power meter box and power lines and found them to be satisfactory. CBI installed a first aid kit and an eyewash station in the CBI field office trailer. CBI initiated total dust and organic vapor air monitoring.

Week 3 - May 9 through May 13, 1994

CBI installed the 30-foot light pole and the 50-foot exhaust stack pole. CBI excavated and compacted the enclosure and containment areas. In-place moisture/density testing indicated compaction in excess of 90 percent of maximum dry density in the enclosure foundation area and the containment area. The enclosure and containment areas were lined with Mirafi 140N geotextile fabric followed by 12 inches of New York State Department of Transportation (NYSDOT) No. 2 stone. NMPC provided the final power link to the temporary power meter box, thus providing power to the field office trailers.

Week 4 - May 16 through May 20, 1994

CBI constructed forms, installed reinforcing steel and poured concrete for the enclosure foundation-footers. CBI backfilled the containment area with compacted NYSDOT No. 2 stone. CBI upgraded the 1,150-foot access road from the entrance off Fort Edward Road to the turnaround/parking area by installing a woven geotextile and 8 inches of crushed stone. The enclosure foundation wall forms and reinforcing steel were installed and work began on installation of floor slab forms for the containment area.

Week 5 - May 23 through May 27, 1994

CBI installed outer forms, reinforcing steel and construction joint bulkheads for the containment area floor slabs. The enclosure concrete foundation walls were poured and, following an overnight cure, the inner foundation wall forms removed. The inside surface of the foundation walls was insulated and the interior foundation area was backfilled with NYSDOT No. 2 stone. CBI installed the enclosure sump and floor slab reinforcing steel and the floor slab insulation. Two 10 mile per hour speed limit signs were installed along the access road.

Week 6 - May 30 through June 3, 1994

CBI poured the concrete enclosure floor slab and sump and backfilled around the outside of the enclosure foundation wall. CBI installed the forms and reinforcing steel for the treatment enclosure curb, air stripper pad, and the electrical room. Concrete was poured for the treatment enclosure floor curb, the air stripper pad, and the electrical room floor and the containment area floor slabs for Tank No. 1 and Tank No. 3. Work continued on installing reinforcing steel and construction joint bulkheads for the containment area floor slab.

Week 7 - June 6 through June 10, 1994

CBI poured the concrete for the containment area floor slabs for Tank No. 2, Tank No. 6, the slab adjacent to the north side of the enclosure and the floor of the containment area sump. Work continued on installation of reinforcing steel and construction joint bulkheads for floor slab sections in the containment area. CBI installed sponge rubber joint filler on the east and north walls of the treatment enclosure prior to concrete being poured against the enclosure. NYSDOT No. 2 stone was placed and compacted along the east wall of the enclosure. The areas along the east and west sides of the containment area were backfilled with compacted native material.

Week 8 - June 13 through June 17, 1994

CBI poured the concrete for the containment area floor slabs for Tank No. 4, Tank No. 5 and the containment area sump/recycle pump area. CBI installed reinforcing steel, construction joint bulkheads, and poured concrete for the containment wall section east of Tank No. 2. The north side of the containment area was backfilled with compacted native material.

Week 9 - June 20 through June 24, 1994

CBI continued installing reinforcing steel and forms for containment wall sections and poured concrete for wall sections south and east of Tank No. 1, north and east of Tank No. 3, north of Tank No. 5, and north and east of the enclosure. CBI removed forms from previously poured containment wall sections.

Week 10 - June 27 through July 1, 1994

CBI completed the containment wall by pouring the wall sections north and west of Tank No. 6 and the corner section adjacent to the northeast corner of the enclosure. Forms from previously poured containment wall sections were removed and the wall surface was finished by hand rubbing and filling surface impressions with mortar. CBI installed the loading platform columns, platform and stairs. The loading pump and recycle pump pedestals reinforcing steel and concrete forms were installed and the pump pedestals were poured. The power and telephone conduit was installed in a trench from the last service pole, NMPC pole #66-6, to the outer wall of the electrical room. The section under the parking/turnaround area was encased in a 19-inch wide, 12-inch thick concrete pour. Following overnight curing, the top of the concrete conduit encasement was painted red. A warning tape that reads "Caution-Buried Electric Line" was placed over the conduit during backfilling of the trench.

Week 11 - July 4 through July 8, 1994

CBI installed reinforcing steel, forms and poured concrete pads for Tank Nos. 1, 2, 3, 4, 5, and 6 and the enclosure overhead door ramp. CBI stripped topsoil from the surface of the turnaround/parking area and proofrolled the resulting subgrade. Work continued on finishing the surface of the containment walls and the pump pedestals by hand rubbing and filling surface impressions with mortar.

Week 12 - July 11 through July 15, 1994

CBI constructed the turnaround/parking area using Mirafi 500X geotextile fabric and 12-inches of NYSDOT Type 2 crushed stone. Anchor bolt holes were core drilled into the tank pads and the 1/8-inch thick by 13-foot square fiberglass tank pad liner sheets were trimmed for an exact fit onto the pads. The fiberglass tank pad liner sheets were drilled with the same hole pattern as core drilled into the tank pads. Hilti® 7/8-inch diameter, 16-inch long adhesive system anchor bolts were installed through the fiberglass liner sheets into the tank pads so that approximately 3-inches of bolt remained above the pad surface. Pipe supports were installed for the containment area piping. The frame for the treatment enclosure was delivered and erected by CBI's metal building subcontractor, Wahconah Welding. CBI placed the air stripping unit on the pad in the treatment enclosure and lagged the unit to the pad with anchor bolts. The containment area wall surface finishing was completed. Surfaces disturbed during construction were restored by backfilling and placing topsoil, grass seed and straw mulch.

Week 13 - July 18 through July 22, 1994

CBI framed in the enclosure electrical room and sheetrocked the room with two layers of 5/8-inch thick fire code sheetrock. A layer of polyethylene sheeting was sandwiched between the two sheetrock layers to produce a gas tight wall. M&W Plumbing, CBI's plumbing subcontractor, installed the double containment pipeline on concrete blocks at 5-foot centers from the Chem-Tainer at relief well RW-1 to the enclosure. The double containment line includes a thermal compensation loop at approximately the midpoint between relief well RW-1 and the treatment enclosure. The loading pump, recycle pump and pipe supports were installed in the containment area. Installation of the 4-inch diameter polyvinyl chloride (PVC) pipelines and valves in the containment area was begun. Three fiberglass storage tanks were delivered and installed in the Tank Nos. 1, 2, and 4 positions. The loading platform gangway was installed and the 30-foot wooden light pole was trimmed to elevation 367.0 (21 feet above grade). Exterior metal panels and insulation were installed on 80 percent of the treatment enclosure. Due to vandalism of construction equipment, Burns International Security Services (Burns Security) was retained to provide manned site security at night and on weekends until additional site security fencing was installed.

Week 14 - July 25 through July 29, 1994

CBI's overhead door subcontractor, Dutchess Door, installed the overhead door for the treatment enclosure. Wahconah Welding installed the remaining exterior treatment enclosure wall panels and approximately 80 percent of the interior treatment enclosure wall panels. The walls and ceiling of the electrical room within treatment enclosure were sanded and painted and sealed along the floor and door frame with silicone sealant. M&W Plumbing installed the truck loading boom, mounted the treatment enclosure unit heaters and the duct heater and installed 4-inch PVC piping/valves and 1½-inch piping/valves in the containment area. CBI installed fiberglass storage tanks in the Tank Nos. 3, 5, and 6 positions. Stodden Electric installed approximately 60 percent of the PVC-coated power and control conduit between relief well RW-1 and the treatment enclosure. CBI's fencing subcontractor, Berkshire Fence, installed 114 fence posts for the additional security fencing on the east side of the site. CBI lagged down the edges of the fiberglass liner sheets to prevent upward stress on the coating system and installed brackets for the 4-inch diameter PVC overflow pipe on fiberglass storage Tank Nos. 1, 2, and 3.

Week 15 - August 1 through August 5, 1994

CBI installed brackets for the 4-inch diameter overflow pipe on fiberglass storage Tank Nos. 4, 5, and 6 and installed the 4-inch diameter overflow pipe on fiberglass storage Tank Nos. 1, 2, and 3. The double containment pipeline from relief well RW-1 to the treatment enclosure was marked with fluorescent orange topped pressure treated stakes installed at 10-foot intervals on alternating sides of the double containment line. Manway covers were installed on each fiberglass storage tank and a "Confined Space Entry- Permit Required" sign was placed on each fiberglass storage tank just above the manway. M&W Plumbing installed the 1½-inch diameter PVC transfer and recycle pipelines in the containment area and installed the 4-inch diameter PVC pipeline from the loading pumps to the loading rack. Berkshire Fence installed 925

linear feet of 6-foot tall chain link fence and two 16-foot wide and one 18-foot wide swing gates. Stodden Electric installed the remaining PVC-coated conduit from relief well RW-1 to the treatment enclosure. The electrical panels were installed in the enclosure electrical room, 3 flood lights were mounted on the wooden light pole and 4 stanchion mounted lights were installed in the containment area. Wahconah Welding worked on miscellaneous punchlist items for the treatment enclosure and installed door closure devices and temporary door locks on the 2 enclosure pedestrian doors. The fiberglass tank supplier repaired the broken fill line flange on Tank No. 3 and touched up the hold down strap marks on fiberglass storage Tank No. 1 with epoxy paint. With the new security fencing completed, the manned site security provided by Burns Security was discontinued on August 5, 1994.

Week 16 - August 8 through August 12, 1994

CBI assisted M&W Plumbing with the installation of the 4-inch diameter overflow pipelines on fiberglass storage Tank Nos. 4, 5, and 6. CBI installed a fire extinguisher in the treatment system enclosure, mounted warning signs on the perimeter security fence and filled in low areas along the new security fence with crushed stone. M&W Plumbing installed the 1½-inch diameter PVC pipelines from the recycle pump to the air stripper and from the transfer pump to the storage tanks. The sump pump and related piping in the treatment enclosure and the containment area was installed. Stodden Electric installed the PVC-coated conduit for the stanchion mounted containment area lights, the recycle pump and the loading pumps. Stodden Electric ran a temporary power line to the three pole-mounted flood lights and installed the computer cabinet in the electrical room. Heary Brothers, CBI's lightning protection subcontractor, installed the lightning protection system. Berkshire Fence installed approximately 170 linear feet of fence to extend the existing security fence so that monitoring well OW-5 is within the security fencing. The fence poles for the containment area wall security fencing were grouted into place, and fence poles and fencing for the containment area fencing were installed. Seven bollards were installed to protect the overhead door, the south side of the containment area and the guy wire for NMPC pole #66-6.

Week 17 - August 15 through August 19, 1994

CBI touched up the hold down strap marks on fiberglass storage Tank Nos. 2, 3, 4, 5, and 6 with epoxy paint. M&W Plumbing installed the 1½-inch PVC pipelines in the treatment enclosure and the PVC sample taps and drains in the treatment enclosure and containment area. M&W Plumbing installed the stainless steel exhaust stack duct on the 50-foot wooden pole with the discharge ending 35 feet above grade. Wahconah Welding installed the permanent door locks and exit devices on the two enclosure pedestrian doors and worked on miscellaneous treatment enclosure punchlist items. Stodden Electric completed installation of the PVC-coated steel conduit in the containment area and continued installation of the galvanized steel conduit in the treatment enclosure and electrical room. Stodden Electric installed the lockable breaker boxes for the loading and recycle pumps and the switches for the motorized valves on the transfer lines in the containment area. Stodden Electric installed the loading pump emergency stop switch on top of the containment wall at the base of the loading platform stairs. Berkshire Fence completed the security fence around the containment area, installed the pedestrian gate and sliding gate into the containment area, and removed the old fencing along the west side of the treatment system enclosure.

Week 18 - August 22 through August 26, 1994

M&W Plumbing installed approximately 60 percent of the stainless steel air stripper exhaust duct in the treatment system enclosure. Stodden Electric installed the box for the treatment system power meter and pulled the power cables from the meter box to NMPC pole #66-6 through the concrete encased underground conduit. Stodden Electric continued installation of galvanized steel conduit in the treatment system enclosure and installed the well level transmitter and well pump switches at relief well RW-1. CBI's concrete coating subcontractor, Industrial Corrosion Services (ICS), sandblasted the floors, walls, sumps and curb of the enclosure and containment area in preparation for concrete epoxy coating application. ICS applied a primer/filler coat of Plasite® 9029 epoxy coating to the vertical concrete surfaces and a primer coat of Plasite® 9060 epoxy coating to the horizontal concrete surfaces of the enclosure and containment areas. ICS applied two coats of Plasite® 9060 finish coat (gray color) epoxy coating to the areas that

received primer coating. The coating material used for the ramp into the enclosure included a fine grit to obtain a non-skid coating.

Week 19 - August 29 through September 2, 1994

CBI installed the vapor-phase carbon unit in the treatment enclosure and constructed a wooden enclosure for the well level transmitter, well pump box and well pump hand/off/auto switch outside of the Chem-Tainer at relief well RW-1. M&W Plumbing pressure tested the 1½-inch diameter HDPE well discharge pipeline, the 4-inch diameter PVC well discharge containment pipeline and all 1½-inch diameter and 4-inch diameter PVC process piping. M&W Plumbing completed installation of the stainless steel exhaust duct and installed the well pump, vacuum breaker, check valve and ball valve for relief well RW-1. Stodden Electric installed conduits for the treatment enclosure interior lights, unit heaters and exterior wall lights. Stodden Electric installed the treatment enclosure interior lights and the unit heater thermostats and pulled wire for the tank level transmitters, the motorized transfer line ball valves, the well pump electrical service and the well level probe. NMPC installed the meter for the permanent electrical service and connected the power cables previously installed by Stodden Electric to NMPC pole #66-6.

Week 20 - September 5 through September 10, 1994

CBI graded, seeded, and hay mulched the remaining areas disturbed during construction and removed construction debris from the site. M&W Plumbing installed pressure gauges on all pump discharge lines and installed two condensate drip legs on the air stripper exhaust duct, that drain to the treatment enclosure sump. M&W Plumbing installed and pressure tested the 3/4-inch diameter copper pipelines for the supply and return hot water lines to the process air heating coil. M&W Plumbing installed air thermometers at the air inlet and discharge of the process air heating coil. Stodden Electric mounted the pressure transducer level transmitters on all six storage tanks and electrically connected them, pulled wires for the containment area stanchion lights, began wiring the instrumentation and process equipment in the treatment enclosure, and completed wiring the transfer line motorized ball valves. CBI's instrumentation subcontractor, Glen Instrument, Co., Inc., and Electrical Instrumentation and Controls, Glens Instrument's subcontractor (together referred to as Glen/EIC), installed the color monitor for the process control computer, began wiring the inputs and outputs for the process control computer, and coordinated with Stodden Electric and M&W Plumbing regarding the installation of instrumentation hardware. WW Patenande, CBI's painting subcontractor, painted the treatment enclosure door frames, the 2 pedestrian doors, 7 steel/concrete bollards and the loading arm boom. A successful dry run was conducted on the tank truck loading platform/loading boom using an empty water tanker truck provided by the GE's Fort Edward facility.

Week 21 - September 11 through September 16, 1994

CBI initiated start-up activities on September 12, 1994, operating the pump at relief well RW-1, the air stripper and the air stripper transfer pump in the manual mode. M&W Plumbing installed an air stripper exhaust air pressure gauge, a differential pressure gauge on the vapor-phase carbon unit, and sealed openings in the treatment enclosure wall caused by plumbing penetrations. Stodden Electric installed a breaker box for the process air heater unit, completed installation of interior and exterior treatment enclosure lights, containment area lights, and wall outlets. Glen/EIC completed programming and began debugging the process control computer program.

Week 22 - September 19 through September 23, 1994

CBI continued to operate the treatment system both in the manual and in the automatic modes. CBI discussed the non-conformance to performance specifications with the air stripper manufacturer, Ejector Systems, Inc. (ESI). To attain the performance required in the Materials and Performance Specification, ESI recommended adding a fourth tray to the air stripper and shipped a fourth tray to the site. CBI installed a fourth tray on the air stripper and repaired a leak on the manway to Tank No 1. M&W Plumbing replaced the section of 1-inch diameter PVC pipe on the discharge of the air stripper transfer pump with 1½-inch PVC pipe to lessen the head loss through the discharge pipeline. Stodden Electric installed stop/lockout devices

on the loading pump, containment area sump pump, and recycle pump electrical lines. Glen/EIC continued debugging the process control computer program and interfaced the autodialer with the process control computer.

Week 23 - September 26 through September 30, 1994

CBI continued to operate the treatment system in the manual and automatic modes. CBI applied adhesive pipe labels to the relief well discharge pipeline, the recycle and transfer pipelines. Stodden Electric relocated the emergency stop switch for the loading pumps to the top of the containment area wall at the base of the loading platform stairway and installed wiring and a relay to enable the process control computer to recognize when the air stripper transfer pump is operating. A representative from Commonwealth Electrical Inspection Service, Inc. performed the final electrical inspection for the treatment enclosure and containment area. Heary Brothers completed the lightning protection system punchlist items. Glen/EIC continued to debug the process control computer program. ICS completed touch-up repairs of the concrete epoxy coating in the containment area. Representatives from Groundwater Technology, Inc. (GTI), the Operations Contractor, visited the site for treatment system operation orientation. Mahoney Notify-Plus, Inc. (Mahoney) began installation of the treatment enclosure security system.

Week 24 - October 3 through October 7, 1994

CBI successfully tested the pumps, batch controller, and emergency stop switch for the truck loading system. CBI continued to operate the treatment system in the auto mode and also the recycle mode. A conference call was held between CBI, BB&L, GE, and ESI to discuss the air stripper continuing non-conformance to performance specifications. While ESI evaluated the problem, CBI installed liquid-phase GAC units to polish the air stripper discharge prior to transfer to the storage tanks. Three HP-200 liquid phase carbon units from Carbtrol Corporation were installed by M&W Plumbing in parallel on the discharge of the air stripper transfer pump. Mahoney completed installation of the treatment enclosure security system.

Week 25 - October 10 through October 14, 1994

CBI began continuous automatic operation of the treatment system. A representative from Goulds Pumps replaced the 6 15/16-inch impellers on the on-line and spare air stripper transfer pumps with 7 3/4-inch impellers. The impeller replacement was required to increase the pump performance to overcome the additional head losses that occurred with the addition of the liquid- phase GAC units. Wahconah Welding, CBI's metal building subcontractor, completed the remaining metal building punchlist items. Glen/EIC worked unsuccessfully to resolve intermittent erratic well level signal problem. Representatives from GTI visited the site to observe treatment system operation in the automatic mode and the make final preparations for initiation of the operations phase of the Containment System Enhancement. GTI began transporting treated water to GE's Fort Edward wastewater treatment facility. Responsibility for system operation, monitoring, and recordkeeping was turned over to GTI effective at 4:00 p.m. on October 14, 1994.

Punch List Activities

A number of punch list activities were completed by CBI and their subcontractors between the completion of start-up activities on October 14, 1994 and a final walkover inspection held on November 21, 1994 between GE, BB&L, and CBI and GTI including:

- Repair leak in 4-inch diameter line from Tank No. 6;
- Install bollard on west side of NMPC pole #66-6 and extend turnaround/parking area to bollard;
- Insulate air coil hot water lines and air exhaust duct;
- Set hot water circulation rate at 2 gallons per minute;
- Replace blower lock-out;

- Repair enclosure sump pump;
- Install outside air supply duct to air stripper blower; and
- Seal all openings in metal building from wall light penetrations.

As of mid-December 1994, the following punch list activities remain to be completed by CBI when GTI remobilizes to the Site in the spring of 1995:

- Seal all explosion-proof electrical boxes, as required;
- Replace the erratic register on the transfer pump discharge flowmeter; and
- Repair or replace the erratic well level signal.

Attachment 2

Construction Quality Control Test Results

Attachment 2-1

Concrete Test Results

G 301
DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 1: PAGE #: 1
INSPECTION DATE : 5/18/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : CHRIS CARIGNAN #3
AMBIENT WEATHER : 50's: OVERCAST
OUR FILE LOCATION : 3184

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: FOOTING: AIR STRIPPER BUILDING
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1
TRUCK NUMBER & TICKET NUMBER:		154 / 402652
YARDAGE DELIVERED & SUBTOTAL:		6.00 / 6.00
TIME CONC. BATCHED & ARRIVED:		12.08 / 12.15
TIME PLACEMENT BEGAN & ENDED:		12.30 / 1.00
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	.87
SLUMP ON ARRIVAL (INCHES):		2.50
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC:	- 3.00)	2.50
ENTRAINED AIR (% VOL) (SPEC:	4.00 - 7.00)	7.00
UNIT WEIGHT (PCF) (SPEC:	-)	143.54
CONCRETE TEMP. (F) (SPEC:	40 - 85)	60
NUMBER OF TEST SPECIMEN CAST:		6
LAB CYLINDER CONTROL NUMBERS:		3184 - 3189

REMARKS:

RECEIVED
JUN 20 1994
CLEAN BERKSHIRES INC.

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER:	CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH:	4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA:	PER SUBMITTAL
CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 5/19/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
3184	5/25/94	7	104,000 C	3680
3185	5/25/94	7	106,500 C	3770
3186	6/15/94	28	126,500 C	4470
3187	6/15/94	28	128,000 C	4530
3188	6/15/94	28	129,000 C	4560
3189		SPARE		

REPORT DISTRIBUTION:
1: FILE 5:
2: SUPPLIER 6:
3: 7:
4: 8:

CLEAN BERKSHIRES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 56
DATE 6/28/94 BY DOB

RECEIVED
JUL - 1 1994

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

PLEASE REPLY TO ALBANY OFFICE

G3015
DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 2: PAGE #: 1
INSPECTION DATE : 5/24/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 70's: CLEAR
OUR FILE LOCATION : 3385

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: FOUNDATION WALL: AIR STRIPPER BUILDING
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1
TRUCK NUMBER & TICKET NUMBER:	91 /	3029
YARDAGE DELIVERED & SUBTOTAL:	7.50 /	7.50
TIME CONC. BATCHED & ARRIVED:	10.16 /	10.30
TIME PLACEMENT BEGAN & ENDED:	10.35 /	11.45
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)		1.48
SLUMP ON ARRIVAL (INCHES):		2.50
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)		2.50
ENTRAINED AIR (% VOL) (SPEC: 4.00 - 7.00)		5.50
UNIT WEIGHT (PCF) (SPEC: -)		145.53
CONCRETE TEMP. (F) (SPEC: 40 - 85)		67
NUMBER OF TEST SPECIMEN CAST:		6
LAB CYLINDER CONTROL NUMBERS:	3385 -	3390
REMARKS:		

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 60
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

REPORT DISTRIBUTION:
1: FILE 5:
2: SUPPLIER 6:
3: 7:
4: 8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 5/25/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
3385	5/31/94	7	88,000 C	3110
3386	5/31/94	7	90,000 C	3180
3387	6/21/94	28	135,000 C	4780
3388	6/21/94	28	137,000 C	4850
3389	6/21/94	28	133,500 C	4720
3390		SPARE		

RECEIVED
JUN 29 1994
CLEAN BERKSHIRES INC.

DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 3: PAGE #: 1
INSPECTION DATE : 5/31/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : CHRIS CARIGNAN #3
AMBIENT WEATHER : 40's: CLEAR
OUR FILE LOCATION : 3639

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: TREATMENT SYSTEM ENCLOSURE, LIFT 1
PLACEMENT LOCATION OF LOAD # 2: SLAB ON GRADE: TREATMENT SYSTEM ENCLOSURE, LIFT 2
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:	1	2
TRUCK NUMBER & TICKET NUMBER:	151 / 403305	153 / 403311
YARDAGE DELIVERED & SUBTOTAL:	11.00 / 11.00	10.00 / 21.00
TIME CONC. BATCHED & ARRIVED:	9.15 / 9.30	10.00 / 10.21
TIME PLACEMENT BEGAN & ENDED:	9.45 / 10.10	10.25 / 11.00
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)	.92	1.00
SLUMP ON ARRIVAL (INCHES):		
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)	6.00 1	6.00 1
ENTRAINED AIR (% VOL) (SPEC: 4.00 - 7.00)	7.00	5.50
UNIT WEIGHT (PCF) (SPEC: -)	147.67	
CONCRETE TEMP. (F) (SPEC: 40 - 85)	70	72
NUMBER OF TEST SPECIMEN CAST:	6	
LAB CYLINDER CONTROL NUMBERS:	3639 - 3644	

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 100
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/ 1/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
3639	6/ 7/94	7	98,500 C	3480
3640	6/ 7/94	7	100,000 C	3540
3641	6/28/94	28	143,000 C	5060
3642	6/28/94	28	144,000 C	5090
3643	6/28/94	28	141,500 C	5010
3644		SPARE		

RECEIVED
JUL 8 1994
CLEAN BERKSHIRES INC.

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

REPORT NUMBER : 4: PAGE #: 1
INSPECTION DATE : 6/ 2/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : CHRIS CARIGNAN #3
AMBIENT WEATHER : 50's: OVERCAST
OUR FILE LOCATION : 3717

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

C O N C R E T E F I E L D I N S P E C T I O N & C O M P R E S S I O N T E S T R E S U L T S

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: TANK #3: NORTH HALF
PLACEMENT LOCATION OF LOAD # 2: SLAB ON GRADE: TANK #3: SOUTH HALF
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1		2
TRUCK NUMBER & TICKET NUMBER:		123 / 403427		87 / 403430
YARDAGE DELIVERED & SUBTOTAL:		10.00 / 10.00		10.00 / 20.00
TIME CONC. BATCHED & ARRIVED:		12.20 / 12.35		1.05 / 1.25
TIME PLACEMENT BEGAN & ENDED:		12.40 / 1.00		1.30 / 2.15
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	.67		1.17
SLUMP ON ARRIVAL (INCHES):				
WATER ADDED ONSITE (GALLONS):				
WATER ADDED AT DISCRETION OF:				
PLACEMENT SLUMP (INCH) (SPEC:	- 3.00)	7.00	1	5.50 1
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	8.50		6.50
UNIT WEIGHT (PCF) (SPEC:	-)	145.33		
CONCRETE TEMP. (F) (SPEC:	40 - 85)	60		60
NUMBER OF TEST SPECIMEN CAST:		6		
LAB CYLINDER CONTROL NUMBERS:		3717 - 3722		

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 10
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/ 3/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
3717	6/ 9/94	7	111,000 C	3930
3718	6/ 9/94	7	112,500 C	3980
3719	6/30/94	28	148,000 C	5240
3720	6/30/94	28	147,500 C	5220
3721	6/30/94	28	150,000 C	5310
3722		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED
JUL 8 1994
CLEAN BERKSHIRES INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

G3015
DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 5: PAGE #: 1
INSPECTION DATE : 6/ 3/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : KEN DIEL #8
AMBIENT WEATHER : 70's: CLEAR
OUR FILE LOCATION : 3775

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: TANK #1: LIFT 1
PLACEMENT LOCATION OF LOAD # 2: SLAB ON GRADE: TANK #1: LIFT 2
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1	2	
TRUCK NUMBER & TICKET NUMBER:		140 / 403491	153 / 403494	
YARDAGE DELIVERED & SUBTOTAL:		11.00 / 11.00	10.00 / 21.00	
TIME CONC. BATCHED & ARRIVED:		10.22 / 11.15	10.44 / 11.17	
TIME PLACEMENT BEGAN & ENDED:		11.20 / 11.45	11.41 / 12.30	
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	1.38	1.77	1
SLUMP ON ARRIVAL (INCHES):				
WATER ADDED ONSITE (GALLONS):				
WATER ADDED AT DISCRETION OF:				
PLACEMENT SLUMP (INCH) (SPEC:	- 3.00)	6.75 1	6.00	1
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	5.80	5.50	
UNIT WEIGHT (PCF) (SPEC:	-)	143.59		
CONCRETE TEMP. (F) (SPEC:	40 - 85)	68	70	
NUMBER OF TEST SPECIMEN CAST:		6		
LAB CYLINDER CONTROL NUMBERS:		3775 - 3780		

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION. CONT'R NOTIFIED: LOAD 2: O/T

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 100
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/ 6/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
3775	6/10/94	7	107,000 C	3780
3776	6/10/94	7	109,500 C	3870
3777	7/ 1/94	28	147,000 C	5200
3778	7/ 1/94	28	145,500 C	5150
3779	7/ 1/94	28	149,000 C	5270
3780		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED JUL 11 1994 CLEAN BERKSHIRES INC.
RECEIVED JUL 11 1994 J.H. MAXYMILLIAN INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.I. (NICET)
MANAGER TECHNICAL SERVICES

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

REPORT NUMBER : 6: PAGE #: 1
INSPECTION DATE : 6/ 7/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAN #5
AMBIENT WEATHER : 70's: CLOUDY
OUR FILE LOCATION : 3961

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: TANK #2: LIFT 1
PLACEMENT LOCATION OF LOAD # 2: SLAB ON GRADE: TANK #2: LIFT 2
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1	2
TRUCK NUMBER & TICKET NUMBER:		123 / 403739	91 / 403747
YARDAGE DELIVERED & SUBTOTAL:		8.50 / 8.50	8.50 / 17.00
TIME CONC. BATCHED & ARRIVED:		11.12 / 11.45	12.03 / 12.30
TIME PLACEMENT BEGAN & ENDED:		11.55 / 12.15	12.35 / 1.00
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	1.05	.95
SLUMP ON ARRIVAL (INCHES):			
WATER ADDED ONSITE (GALLONS):			
WATER ADDED AT DISCRETION OF:			
PLACEMENT SLUMP (INCH) (SPEC:	- 3.00)	5.00 1	4.50 1
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	4.50	
UNIT WEIGHT (PCF) (SPEC:	-)	147.67	
CONCRETE TEMP. (F) (SPEC:	40 - 85)	70	71
NUMBER OF TEST SPECIMEN CAST:		6	
LAB CYLINDER CONTROL NUMBERS:		3961 - 3966	

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 6.0
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/ 8/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
3961	6/14/94	7	108,000 C	3820
3962	6/14/94	7	110,000 C	3890
3963	7/ 5/94	28	140,000 C	4950
3964	7/ 5/94	28	138,500 C	4900
3965	7/ 5/94	28	140,500 C	4970
3966		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED JUL 11 1994 CLEAN BERKSHIRES INC.

RECEIVED JUL 11 1994 J.H. MAXYMILLIAN INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 7: PAGE #: 1
INSPECTION DATE : 6/ 8/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 50's: OVERCAST
OUR FILE LOCATION : 4089

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: OIL/WATER SEPERATOR
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1
TRUCK NUMBER & TICKET NUMBER:		134 / 403789
YARDAGE DELIVERED & SUBTOTAL:		8.00 / 8.00
TIME CONC. BATCHED & ARRIVED:		8.06 / 8.20
TIME PLACEMENT BEGAN & ENDED:		8.30 / 9.15
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)		1.15
SLUMP ON ARRIVAL (INCHES):		
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)	6.00	1
ENTRAINED AIR (% VOL) (SPEC: 4.50 - 8.50)	7.10	
UNIT WEIGHT (PCF) (SPEC: -)	149.30	
CONCRETE TEMP. (F) (SPEC: 40 - 85)	65	
NUMBER OF TEST SPECIMEN CAST:	6	
LAB CYLINDER CONTROL NUMBERS:	4089 - 4094	

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO CoC
DATE 8/10/94 BY DCB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/ 9/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
4089	6/15/94	7	122,000 C	4320
4090	6/15/94	7	123,500 C	4370
4091	7/ 6/94	28	147,000 C	5200
4092	7/ 6/94	28	148,000 C	5240
4093	7/ 6/94	28	145,500 C	5150
4094		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED JUL 11 1994 CLEAN BERKSHIRES INC.

RECEIVED JUL 11 1994 J.H. MAXYMILLIAN, INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

G3015
DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 8: PAGE #: 1
INSPECTION DATE : 6/ 9/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : TOM JOSLIN #1
AMBIENT WEATHER : 60's: CLEAR
OUR FILE LOCATION : 4177

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: SUMP PIT, CONTAINMENT STRUCTURE; TANK 6
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:	1	
TRUCK NUMBER & TICKET NUMBER:	141 / 403923	
YARDAGE DELIVERED & SUBTOTAL:	11.00 / 11.00	
TIME CONC. BATCHED & ARRIVED:	11.19 / 11.25	
TIME PLACEMENT BEGAN & ENDED:	11.38 / 12.05	
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)	.77	
SLUMP ON ARRIVAL (INCHES):		
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)	6.50	1
ENTRAINED AIR (% VOL) (SPEC: 4.50 - 8.50)	4.80	
UNIT WEIGHT (PCF) (SPEC: -)	149.70	
CONCRETE TEMP. (F) (SPEC: 40 - 85)	72	
NUMBER OF TEST SPECIMEN CAST:	6	
LAB CYLINDER CONTROL NUMBERS:	4177 - 4182	

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

RECEIVED
JUL 13 1994
CLEAN BERKSHIRES INC.

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER:	CLEMENTE LATHAM, NORTH	
CONCRETE DESIGN STRENGTH:	4000 P.S.I. @ 28 DAYS	
SUPPLIERS MIX FORMULA:	PER SUBMITTAL	
CEMENT:		LBS.
CEMENT:		LBS.
WATER:		GAL.
COARSE AGGREGATE #1:		LBS.
COARSE AGGREGATE #2:		LBS.
COARSE AGGREGATE #3:		LBS.
FINE AGGREGATE:		LBS.
ADMIXTURE #1:		OZS.
ADMIXTURE #2:		OZS.
ADMIXTURE #3:		OZS.
AIR ENTRAINING AGENT:		OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/10/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
4177	6/16/94	7	106,000 C	3750
4178	6/16/94	7	109,000 C	3860
4179	7/ 7/94	28	149,000 C	5270
4180	7/ 7/94	28	150,000 C	5310
4181	7/ 7/94	28	147,500 C	5220
4182		SPARE		

REPORT DISTRIBUTION:

1: FILE	5:
2: SUPPLIER	6:
3:	7:
4:	8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO ______ TRANS NO 60
DATE 8/10/94 BY DOB

G-3015
DoB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 9: PAGE #: 1
INSPECTION DATE : 6/14/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 70's: OVERCAST
OUR FILE LOCATION : 4443

C O N C R E T E F I E L D I N S P E C T I O N & C O M P R E S S I O N T E S T R E S U L T S

PLACEMENT LOCATION OF LOAD # 1: SLAB ON GRADE: MAIN SLAB PUMP AREA
PLACEMENT LOCATION OF LOAD # 2: SLAB ON GRADE: MAIN SLAB PUMP AREA
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:			1			2	
TRUCK NUMBER & TICKET NUMBER:			152 / 4165			95 / 4167	
YARDAGE DELIVERED & SUBTOTAL:			8.00 / 8.00			9.00 / 17.00	
TIME CONC. BATCHED & ARRIVED:			8.16 / 8.52			8.35 / 9.05	
TIME PLACEMENT BEGAN & ENDED:			9.00 / 9.30			9.30 / 10.00	
CONCRETE AGE (HOUR) (SPEC:	MAX:	1.50)	1.23			1.42	
SLUMP ON ARRIVAL (INCHES):							
WATER ADDED ONSITE (GALLONS):							
WATER ADDED AT DISCRETION OF:							
PLACEMENT SLUMP (INCH) (SPEC:	-	3.00)	6.75	1		6.50	1
ENTRAINED AIR (% VOL) (SPEC:	4.50 -	8.50)	4.50				
UNIT WEIGHT (PCF) (SPEC:	-	)	149.14				
CONCRETE TEMP. (F) (SPEC:	40 -	85)	70			72	
NUMBER OF TEST SPECIMEN CAST:			6				
LAB CYLINDER CONTROL NUMBERS:			4443 - 4448				

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 16C
DATE 8/10/94 BY DCB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

REPORT DISTRIBUTION:
1: FILE 5:
2: SUPPLIER 6:
3: 7:
4: 8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/15/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
4443	6/21/94	7	124,000 C	4390
4444	6/21/94	7	122,000 C	4320
4445	7/12/94	28	150,500 C	5320
4446	7/12/94	28	149,500 C	5290
4447	7/12/94	28	152,000 C	5380
4448		SPARE		

RECEIVED
JUL 18 1994
MAXYMILLIAN TECHNOLOGIES, INC.

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 10: PAGE #: 1
INSPECTION DATE : 6/15/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 80's: CLEAR
OUR FILE LOCATION : 4509

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: TANK PAD #5
PLACEMENT LOCATION OF LOAD # 2: TANK PAD #5
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1		2	
TRUCK NUMBER & TICKET NUMBER:	154 /	4256	132 /	4258	
YARDAGE DELIVERED & SUBTOTAL:	11.50 /	11.50	10.00 /	21.50	
TIME CONC. BATCHED & ARRIVED:	11.46 /	12.10	12.11 /	12.50	
TIME PLACEMENT BEGAN & ENDED:	12.25 /	12.55	12.56 /	1.10	
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)		1.15		.98	
SLUMP ON ARRIVAL (INCHES):		3.00		7.00	
WATER ADDED ONSITE (GALLONS):					
WATER ADDED AT DISCRETION OF:					
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)		6.00	1	7.00	1
ENTRAINED AIR (% VOL) (SPEC: 4.50 - 8.50)		4.50			
UNIT WEIGHT (PCF) (SPEC: -)		150.93			
CONCRETE TEMP. (F) (SPEC: 40 - 85)		76		75	
NUMBER OF TEST SPECIMEN CAST:		6			
LAB CYLINDER CONTROL NUMBERS:	4509 -	4514			

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO LaC
DATE 6/10/94 BY DCB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/16/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
4509	6/22/94	7	118,000 C	4170
4510	6/22/94	7	120,000 C	4240
4511	7/13/94	28	147,000 C	5200
4512	7/13/94	28	149,500 C	5290
4513	7/13/94	28	150,000 C	5310
4514		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED
JUL 18 1994
MAXYMILLIAN TECHNOLOGIES, INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 11: PAGE #: 1
INSPECTION DATE : 6/16/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 80's: CLEAR
OUR FILE LOCATION : 4589

C O N C R E T E F I E L D I N S P E C T I O N & C O M P R E S S I O N T E S T R E S U L T S

PLACEMENT LOCATION OF LOAD # 1: TANK PAD #4
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:	1	
TRUCK NUMBER & TICKET NUMBER:	151 / 4294	
YARDAGE DELIVERED & SUBTOTAL:	10.50 / 10.50	
TIME CONC. BATCHED & ARRIVED:	10.06 / 10.30	
TIME PLACEMENT BEGAN & ENDED:	10.40 / 11.05	
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)	.98	
SLUMP ON ARRIVAL (INCHES):	3.00	
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)	5.50	1
ENTRAINED AIR (% VOL) (SPEC: 4.50 - 8.50)	5.20	
UNIT WEIGHT (PCF) (SPEC: -)	146.14	
CONCRETE TEMP. (F) (SPEC: 40 - 85)	76	
NUMBER OF TEST SPECIMEN CAST:	6	
LAB CYLINDER CONTROL NUMBERS:	4589 - 4594	

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO LoC
DATE 8/10/94 BY DCB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/17/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
4589	6/23/94	7	116,000 C	4100
4590	6/23/94	7	119,000 C	4210
4591	7/14/94	28	143,000 C	5060
4592	7/14/94	28	146,500 C	5180
4593	7/14/94	28	147,000 C	5200
4594		SPARE		

RECEIVED
JUL 18 1994
MAXYMILLIAN TECHNOLOGIES, INC.

G.3015.
DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 12: PAGE #: 1
INSPECTION DATE : 6/21/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 70's: CLOUDY
OUR FILE LOCATION : 4796

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: CONTAINMENT WALL: SOUTHEAST
PLACEMENT LOCATION OF LOAD # 2:
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:			1			2	
TRUCK NUMBER & TICKET NUMBER:		150 /	4453		134 /	4458	
YARDAGE DELIVERED & SUBTOTAL:		8.00 /	8.00		5.00 /	13.00	
TIME CONC. BATCHED & ARRIVED:		9.39 /	10.15		10.58 /	11.20	
TIME PLACEMENT BEGAN & ENDED:		10.20 /	11.20		11.30 /	12.00	
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)		1.68	1		1.03	
SLUMP ON ARRIVAL (INCHES):							
WATER ADDED ONSITE (GALLONS):							
WATER ADDED AT DISCRETION OF:							
PLACEMENT SLUMP (INCH) (SPEC:	- 3.00)		4.50	1		4.00	1
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)		5.00				
UNIT WEIGHT (PCF) (SPEC:	-)		147.67				
CONCRETE TEMP. (F) (SPEC:	40 - 85)		75			74	
NUMBER OF TEST SPECIMEN CAST:			6				
LAB CYLINDER CONTROL NUMBERS:		4796 -	4801				

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION. CONT'R NOTIFIED: LOAD 1: O/T

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 6.0
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/22/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
4796	6/28/94	7	110,000 C	3890
4797	6/28/94	7	112,000 C	3960
4798	7/19/94	28	137,000 C	4850
4799	7/19/94	28	138,000 C	4880
4800	7/19/94	28	140,000 C	4950
4801		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED
JUL 25 1994
J.H. MAXYMILLIAN, INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

G-3015 : DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 13: PAGE #: 1
INSPECTION DATE : 6/24/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAN #5
AMBIENT WEATHER : 70's: LT. RAIN
OUR FILE LOCATION : 5026

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD #	1: CONTAINMENT WALL: WEST	
PLACEMENT LOCATION OF LOAD #		
PLACEMENT LOCATION OF LOAD #		
LOAD NUMBER:	1	
TRUCK NUMBER & TICKET NUMBER:	91 / 4644	
YARDAGE DELIVERED & SUBTOTAL:	6.00 / 6.00	
TIME CONC. BATCHED & ARRIVED:	12.04 / 12.35	
TIME PLACEMENT BEGAN & ENDED:	1.15 / 1.34	
CONCRETE AGE (HOUR) (SPEC: MAX: 1.50)	1.50	
SLUMP ON ARRIVAL (INCHES):		
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC: - 3.00)	5.50	1
ENTRAINED AIR (% VOL) (SPEC: 4.50 - 8.50)	5.70	
UNIT WEIGHT (PCF) (SPEC: -)	148.74	
CONCRETE TEMP. (F) (SPEC: 40 - 85)	74	
NUMBER OF TEST SPECIMEN CAST:	6	
LAB CYLINDER CONTROL NUMBERS:	5026 - 5031	

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO LoC
DATE 8/10/94 BY DCP

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER:	CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH:	4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA:	PER SUBMITTAL
CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/27/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
5026	7/ 1/94	7	120,500 C	4260
5027	7/ 1/94	7	124,000 C	4390
5028	7/22/94	28	143,000 C	5060
5029	7/22/94	28	146,000 C	5160
5030	7/22/94	28	144,500 C	5110
5031		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED
JUL 27 1994
MAXYMILLIAN TECHNOLOGIES, INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

G 3015
DCB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

REPORT NUMBER : 14: PAGE #: 1
INSPECTION DATE : 6/28/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAN #5
AMBIENT WEATHER : 70's: OVERCAST
OUR FILE LOCATION : 5128

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

C O N C R E T E F I E L D I N S P E C T I O N & C O M P R E S S I O N T E S T R E S U L T S

PLACEMENT LOCATION OF LOAD # 1: CONTAINMENT WALL: WEST; PUMP PEDISTALS
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1
TRUCK NUMBER & TICKET NUMBER:		87 / 404699
YARDAGE DELIVERED & SUBTOTAL:		7.00 / 7.00
TIME CONC. BATCHED & ARRIVED:		11.55 / 12.30
TIME PLACEMENT BEGAN & ENDED:		12.40 / 1.15
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	1.33
SLUMP ON ARRIVAL (INCHES):		
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC:	- 3.00)	3.75 1
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	6.00
UNIT WEIGHT (PCF) (SPEC:	-)	146.96
CONCRETE TEMP. (F) (SPEC:	40 - 85)	70
NUMBER OF TEST SPECIMEN CAST:		6
LAB CYLINDER CONTROL NUMBERS:		5128 - 5133

REMARKS: 1: PLACEMENT SLUMP IS FOLLOWING PLASTICIZER ADDITION.

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 1.0
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER:	CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH:	4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA:	PER SUBMITTAL
CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/29/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
5128	7/ 5/94	7	117,000 C	4140
5129	7/ 5/94	7	119,500 C	4230
5130	7/26/94	28	149,000 C	5270
5131	7/26/94	28	147,000 C	5200
5132	7/26/94	28	151,500 C	5360
5133		SPARE		

REPORT DISTRIBUTION:
1: FILE 5:
2: SUPPLIER 6:
3: 7:
4: 8:

RECEIVED
AUG 9 1994
J.H. MAXYMILLIAN, INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

G-3015.
DOB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 15: PAGE #: 1
INSPECTION DATE : 6/29/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : PETE DUNHAM #6
AMBIENT WEATHER : 80's: OVERCAST
OUR FILE LOCATION : 5186

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: CONDUIT ENCASEMENT
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1
TRUCK NUMBER & TICKET NUMBER:		134 / 404761
YARDAGE DELIVERED & SUBTOTAL:		6.50 / 6.50
TIME CONC. BATCHED & ARRIVED:		2.20 / 2.40
TIME PLACEMENT BEGAN & ENDED:		2.45 / 3.10
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	.83
SLUMP ON ARRIVAL (INCHES):		4.00
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC:	- 4.00)	4.00
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	5.80
UNIT WEIGHT (PCF) (SPEC:	-)	146.40
CONCRETE TEMP. (F) (SPEC:	40 - 85)	81
NUMBER OF TEST SPECIMEN CAST:		6
LAB CYLINDER CONTROL NUMBERS:		5186 - 5191
REMARKS:		

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 1C0
DATE 8/10/94 BY DCB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER: CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH: 4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA: PER SUBMITTAL

CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

REPORT DISTRIBUTION:
1: FILE 5:
2: SUPPLIER 6:
3: 7:
4: 8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 6/30/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
5186	7/ 6/94	7	109,000 C	3860
5187	7/ 6/94	7	111,500 C	3940
5188	7/27/94	28	141,000 C	4990
5189	7/27/94	28	137,000 C	4850
5190	7/27/94	28	138,500 C	4900
5191		SPARE		

RECEIVED
9 1994
J.H. MAXYMILLIAN, INC.

G 3015
DcB

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 16: PAGE #: 1
INSPECTION DATE : 7/ 6/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAN #5
AMBIENT WEATHER : 80's: P. CLOUDY
OUR FILE LOCATION : 5418

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: TANK PAD 1, 2, 3
PLACEMENT LOCATION OF LOAD #
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1
TRUCK NUMBER & TICKET NUMBER:		151 / 404951
YARDAGE DELIVERED & SUBTOTAL:		12.00 / 12.00
TIME CONC. BATCHED & ARRIVED:		11.02 / 11.30
TIME PLACEMENT BEGAN & ENDED:		11.35 / 12.30
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	1.47
SLUMP ON ARRIVAL (INCHES):		3.25
WATER ADDED ONSITE (GALLONS):		
WATER ADDED AT DISCRETION OF:		
PLACEMENT SLUMP (INCH) (SPEC:	- 4.00)	3.25
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	4.50
UNIT WEIGHT (PCF) (SPEC:	-)	146.50
CONCRETE TEMP. (F) (SPEC:	40 - 85)	75
NUMBER OF TEST SPECIMEN CAST:		6
LAB CYLINDER CONTROL NUMBERS:		5418 - 5423
REMARKS:		

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO _____ TRANS NO 10C
DATE 8/10/94 BY DOB

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER:	CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH:	4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA:	PER SUBMITTAL
CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 7/ 7/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
5418	7/13/94	7	112,000 C	3960
5419	7/13/94	7	114,000 C	4030
5420	8/ 3/94	28	150,000 C	5310
5421	8/ 3/94	28	147,500 C	5220
5422	8/ 3/94	28	149,000 C	5270
5423		SPARE		

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RECEIVED
AUG 9 1994
J.H. MAXYMILLIAN, INC.

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D. & T.S., INC.
130 Saratoga Road, Scotia, New York 12302, (518) 399-1848

G 3015
DoB
MAG

CLIENT: CLEAN BERKSHIRES, INC.
86 SOUTH MAIN STREET
LANESBORO, MASSACHUSETTS 01237

ATT'N: MR. TOM McCARTHY / MR. DENNIS O'BRIEN
PROJECT: GENERAL ELECTRIC, MOREAU SITE, FORT EDWARD, NEW YORK

REPORT NUMBER : 17: PAGE #: 1
INSPECTION DATE : 7/ 8/94
OUR FILE NUMBER : 271.001
INSPECTOR & TEST SET : DAVE CASAW #5
AMBIENT WEATHER : 80's: P. CLOUDY
OUR FILE LOCATION : 5544

CONCRETE FIELD INSPECTION & COMPRESSION TEST RESULTS

PLACEMENT LOCATION OF LOAD # 1: TANK PAD 4, 5, 6; BUILDING RAMP
PLACEMENT LOCATION OF LOAD # 2: TANK PAD 4, 5, 6; BUILDING RAMP
PLACEMENT LOCATION OF LOAD #

LOAD NUMBER:		1	2
TRUCK NUMBER & TICKET NUMBER:		90 / 405056	97 / 405061
YARDAGE DELIVERED & SUBTOTAL:		7.00 / 7.00	6.00 / 13.00
TIME CONC. BATCHED & ARRIVED:		10.22 / 10.45	11.00 / 11.25
TIME PLACEMENT BEGAN & ENDED:		10.55 / 11.34	11.40 / 12.25
CONCRETE AGE (HOUR) (SPEC:	MAX: 1.50)	1.20	1.42
SLUMP ON ARRIVAL (INCHES):		4.00	4.00
WATER ADDED ONSITE (GALLONS):			
WATER ADDED AT DISCRETION OF:			
PLACEMENT SLUMP (INCH) (SPEC:	- 4.00)	4.00	4.00
ENTRAINED AIR (% VOL) (SPEC:	4.50 - 8.50)	6.00	
UNIT WEIGHT (PCF) (SPEC:	-)	144.77	
CONCRETE TEMP. (F) (SPEC:	40 - 85)	80	82
NUMBER OF TEST SPECIMEN CAST:		6	
LAB CYLINDER CONTROL NUMBERS:		5544 - 5549	
REMARKS:			

RECEIVED
AUG 12 1994
J.H. MAXYMILLIAN, INC.

UNLESS NOTED ALL TESTING IAW: ASTM: C31, C138, C143, C172, C173, C231, C470, C567, C617, C1064

CONCRETE SUPPLIER:	CLEMENTE LATHAM, NORTH
CONCRETE DESIGN STRENGTH:	4000 P.S.I. @ 28 DAYS
SUPPLIERS MIX FORMULA:	PER SUBMITTAL
CEMENT:	LBS.
CEMENT:	LBS.
WATER:	GAL.
COARSE AGGREGATE #1:	LBS.
COARSE AGGREGATE #2:	LBS.
COARSE AGGREGATE #3:	LBS.
FINE AGGREGATE:	LBS.
ADMIXTURE #1:	OZS.
ADMIXTURE #2:	OZS.
ADMIXTURE #3:	OZS.
AIR ENTRAINING AGENT:	OZS.

REPORT DISTRIBUTION:
1: FILE
2: SUPPLIER
3:
4:
5:
6:
7:
8:

RESPECTFULLY,
CONSTRUCTION TECHNOLOGY

TOM JOSLIN, S.E.T. (NICET)
MANAGER TECHNICAL SERVICES

CONCRETE TEST CYLINDER COMPRESSIVE RESULTS PER: ASTM C -39
UNLESS OTHERWISE NOTED ALL CYLINDERS RECEIVED : 7/11/94

CYLINDER NUMBER	TEST DATE	TEST AGE: DAYS	ULTIMATE LOAD & BREAK TYPE	UNIT P.S.I.
5544	7/15/94	7	105,000 C	3710
5545	7/15/94	7	108,000 C	3820
5546	8/ 5/94	28	135,000 C	4780
5547	8/ 5/94	28	136,000 C	4810
5548	8/ 5/94	28	137,000 C	4850
5549		SPARE		

MAXYMILLIAN TECHNOLOGIES, INC.
Reviewed For Submission
SPEC SECT NO. _____ TRANS NO. 67
DATE 11/28/94 BY EDB
RECEIVED
NOV 30 1994
MAXYMILLIAN TECHNOLOGIES, INC.

Attachment 2-2

Pipeline Hydrostatic Pressure Test Results

Pipeline Hydrostatic Pressure Test Results

Date	Description	From	To	Test Pressure [pounds per square inch (PSI)]		Pass/Fail
				Initial	Stabilized	
8/30/94	1½-inch diameter high density polyethylene (HDPE) and 1½-inch diameter polyvinyl chloride (PVC)	ChemTainer at relief well RW-1	Low-profile air stripper inlet	150	144	P
8/30/94	1½-inch diameter PVC	Containment area sump pump and recycle pump discharges	Low-profile air stripper inlet	146	140	P
8/30/94	1½-inch diameter PVC	Low-profile air stripper transfer pump discharge	Storage tank inlets	150	143	P
8/31/94	1½-inch diameter PVC	Enclosure sump pump discharge	Low-profile air stripper inlet	144	140	P
9/1/94	4-inch diameter PVC (secondary containment pipeline)	ChemTainer at relief well RW-1	Termination inside enclosure	10	10	P
9/2/94	1½-inch diameter PVC and 4-inch diameter PVC	Storage tank outlets	Recycle pump and loading pumps inlets	147	141	P
9/2/94	4-inch diameter PVC and OPW loading swivel	Loading pumps discharges	Valve on loading boom	90	90	P
9/8/94	3/4-inch copper	Hydronic water heater	Process air heater (feed and return)	24	24	P

Attachment 2-3

Pump Operation Test Results

Pump Operation Test Results

Date	Time	Description	HP	Pump Model	Serial #	Pass/Fail
9/12/94	11:30 a.m.	Boiler circ. pump	1/25	Grundfos Type UPS-15-42F	9346	P
9/12/94	11:30 a.m.	Air stripper blower	5	New York Blower	K05708-100	P
9/12/94	1:30 p.m.	Well pump	1½	Grundfos 25E8	--	F[1]
9/12/94	2:30 p.m.	Well pump	1½	Grundfos 25E8	--	P
9/12/94	3:00 p.m.	Transfer pump	2	Goulds SST 1x2-8	2737967	P
9/13/94	2:15 p.m.	Enclosure sump pump	1/3	McMaster-Carr #4323K21	--	P
9/16/94	2:00 p.m.	Containment area sump pump	1/3	Goulds LSP03	--	P
9/16/94	2:30 p.m.	Recycle pump	1	Goulds SST 1x2-8	2748950	P
10/3/94	1:30 p.m.	Loading pump No. 1	7½	Goulds 3656 Group M	2808140	P
10/3/94	1:35 p.m.	Loading pump No. 2	7½	Goulds 3656 Group M	--	P
10/3/94	--	Spare transfer pump	2	Goulds SST 1x2-8	2737958	NT[2]

Notes:

[1] Well pump tripped on first trial, 1 amp larger heater relays installed per manufacturer's recommendations.
[2] NT = Not tested.

Attachment 2-4

Final Electrical Inspection Report

ELECTRICAL CERTIFICATE

No. 087306 September 29, 1994

Application No. 614

COMMONWEALTH ELECTRICAL INSPECTION SERVICE, INC.
357 ELWYN TERRACE, MANHEIM, PA 17545
TELEPHONE (717) 664-2347

Premises of General Electric as Water Treatment

No. _____ Street Main Street

Town Moreau County Saratoga State New York

Installed by Bill Stodden Electrical

Apparatus complete list on reverse.

The conditions following governed issuance of this certificate, and any certificate previously issued is cancelled. Failure to have the property reinspected when additional equipment or wiring is added; or within one year from date of the certificate shall void the certificate in its entirety and the company shall not be liable for any damages whatsoever;

This certificate does not guarantee efficiency, wearing qualities, maintenance or repair and the company shall not be liable for any damages resulting from any defect or fault in the plans or specifications, including repair, reconstruction personal injury or for the death of any person; and

This certificate only covers visual inspection of wiring and does not cover manufacture or use of wiring.

Inspectors of this Company shall have the privilege of making inspections at any time, and if its rules are violated, the Company shall have the right to revoke the certificate.

Donald Loveland Inspector

NAME TITLE

GOES 4566 LITHO U.S.A.

GENERAL ELECTRIC (Water Treatment) MAIN STREET, MOREAU NY

5 Switches
8 Receptacles
20 Lights
1 Water Heater
2 1hp Motors
1 1½hp Motor
1 5hp Motor
2 10hp Motors
4 Fractional hp Motors
7 Fractional hp Valve Motors
2 5kw Heaters

Attachment 2-5

Start-Up Sampling Analytical Results

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/13/94
Number of samples analyzed: 4
AES Project ID: 940913AK
Invoice #: 142060

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper Inflnt. Date sample received: 09/13/94
AES sample #: 940913AK01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	WC-I-1D-3	09/14/94
Zinc	EPA-200.7	<0.01	mg/l	WC-I-1D-3	09/14/94
Chloromethane	EPA-601	<500	ug/l	PB	09/14/94
Bromomethane	EPA-601	<500	ug/l	PB	09/14/94
Dichlorodifluoromethane	EPA-601	<500	ug/l	PB	09/14/94
Vinyl Chloride	EPA-601	<500	ug/l	PB	09/14/94
Chloroethane	EPA-601	<500	ug/l	PB	09/14/94
Methylene Chloride	EPA-601	<500	ug/l	PB	09/14/94
Trichloroflouromethane	EPA-601	<500	ug/l	PB	09/14/94
1,1 Dichloroethene	EPA-601	<500	ug/l	PB	09/14/94
1,1 Dichloroethane	EPA-601	<500	ug/l	PB	09/14/94
t-1,2-Dichloroethene	EPA-601	<500	ug/l	PB	09/14/94
Chloroform	EPA-601	<500	ug/l	PB	09/14/94
1,2 Dichloroethane	EPA-601	<500	ug/l	PB	09/14/94
1,1,1 Trichloroethane	EPA-601	<500	ug/l	PB	09/14/94
Carbon Tetrachloride	EPA-601	<500	ug/l	PB	09/14/94
Bromodichloromethane	EPA-601	<500	ug/l	PB	09/14/94
1,2-Dichloropropane	EPA-601	<500	ug/l	PB	09/14/94
t-1,3-Dichloropropene	EPA-601	<500	ug/l	PB	09/14/94
Trichloroethylene	EPA-601	23,000	ug/l	PB	09/14/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper Inflnt. Date sample received: 09/13/94
AES sample #: 940913AK01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dibromochloromethane	EPA-601	<500	ug/l	PB	09/14/94
1,1,2-Trichloroethane	EPA-601	<500	ug/l	PB	09/14/94
cis-1,3-Dichloropropene	EPA-601	<500	ug/l	PB	09/14/94
2-Chloroethylvinylether	EPA-601	<500	ug/l	PB	09/14/94
Bromoform	EPA-601	<500	ug/l	PB	09/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<500	ug/l	PB	09/14/94
Tetrachloroethylene	EPA-601	<500	ug/l	PB	09/14/94
Benzene	EPA-602	<500	ug/l	PB	09/14/94
Toluene	EPA-602	<500	ug/l	PB	09/14/94
Ethylbenzene	EPA-602	<500	ug/l	PB	09/14/94
Chlorobenzene	EPA-602	<500	ug/l	PB	09/14/94
p-Dichlorobenzene	EPA-602	<500	ug/l	PB	09/14/94
m-Dichlorobenzene	EPA-602	<500	ug/l	PB	09/14/94
o-Dichlorobenzene	EPA-602	<500	ug/l	PB	09/14/94
Xylenes	EPA-602	<500	ug/l	PB	09/14/94
PCB-1016	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1221	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1232	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1242	EPA-608	4.6	ug/l	KF-PCB-P30	09/13/94
PCB-1248	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper Inflnt. Date sample received: 09/13/94
AES sample #: 940913AK01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1254		EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1260		EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper Efflnt. Date sample received: 09/13/94
AES sample #: 940913AK02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	WC-I-1D-3	09/14/94
Zinc	EPA-200.7	<0.01	mg/l	WC-I-1D-3	09/14/94
Chloromethane	EPA-601	<1	ug/l	PB-B	09/14/94
Bromomethane	EPA-601	<1	ug/l	PB-B	09/14/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	09/14/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	09/14/94
Chloroethane	EPA-601	<1	ug/l	PB-B	09/14/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	09/14/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	09/14/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	09/14/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/14/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	09/14/94
Chloroform	EPA-601	<1	ug/l	PB-B	09/14/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/14/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	09/14/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	09/14/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	09/14/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	09/14/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/14/94
Trichloroethylene	EPA-601	21	ug/l	PB-B	09/14/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper Efflnt. Date sample received: 09/13/94
AES sample #: 940913AK02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dibromochloromethane	EPA-601	<1	ug/l	PB	09/14/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	09/14/94
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/14/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	09/14/94
Bromoform	EPA-601	<1	ug/l	PB	09/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	09/14/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	09/14/94
Benzene	EPA-602	<1	ug/l	PB	09/14/94
Toluene	EPA-602	<1	ug/l	PB	09/14/94
Ethylbenzene	EPA-602	<1	ug/l	PB	09/14/94
Chlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
Xylenes	EPA-602	<1	ug/l	PB	09/14/94
PCB-1016	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1221	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1232	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1242	EPA-608	2.2	ug/l	KF-PCB-P30	09/13/94
PCB-1248	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper Efflnt. Date sample received: 09/13/94
AES sample #: 940913AK02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1254		EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1260		EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper B Date sample received: 09/13/94
AES sample #: 940913AK03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	09/14/94
Bromomethane	EPA-601	<1	ug/l	PB	09/14/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	09/14/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	09/14/94
Chloroethane	EPA-601	<1	ug/l	PB	09/14/94
Methylene Chloride	EPA-601	<1	ug/l	PB	09/14/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	09/14/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	09/14/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	09/14/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	09/14/94
Chloroform	EPA-601	<1	ug/l	PB	09/14/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	09/14/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	09/14/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	09/14/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	09/14/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	09/14/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/14/94
Trichloroethylene	EPA-601	19	ug/l	PB	09/14/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	09/14/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	09/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Air Stripper B Date sample received: 09/13/94
AES sample #: 940913AK03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/14/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	09/14/94
Bromoform	EPA-601	<1	ug/l	PB	09/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	09/14/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	09/14/94
Benzene	EPA-602	<1	ug/l	PB	09/14/94
Toluene	EPA-602	<1	ug/l	PB	09/14/94
Ethylbenzene	EPA-602	<1	ug/l	PB	09/14/94
Chlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/14/94
Xylenes	EPA-602	<1	ug/l	PB	09/14/94
PCB-1016	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1221	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1232	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1242	EPA-608	2.5	ug/l	KF-PCB-P30	09/13/94
PCB-1248	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1254	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94
PCB-1260	EPA-608	<0.5	ug/l	KF-PCB-P30	09/13/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Trip Blank Date sample received: 09/13/94
AES sample #: 940913AK04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
Bromomethane	EPA-601	<1	ug/l	PB-B	10/05/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	10/05/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	10/05/94
Chloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	10/05/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	10/05/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	10/05/94
Chloroform	EPA-601	<1	ug/l	PB-B	10/05/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	10/05/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	10/05/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/05/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	10/05/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/13/94
CLIENT'S SAMPLE ID: Trip Blank Date sample received: 09/13/94
AES sample #: 940913AK04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/05/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	10/05/94
Bromoform	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	10/05/94
Benzene	EPA-602	<1	ug/l	PB	09/14/94
Toluene	EPA-602	<1	ug/l	PB-B	10/05/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	10/05/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
Xylenes	EPA-602	<1	ug/l	PB-B	10/05/94

APPROVED BY: Lara Daniel
Report date: 10/13/94

Fax results to Wayne DeCarr at (518) 792-0381

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

Ref. to Letter Agreement Between BB&L & Adirondack dated 7/19/94

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee, Inc.	Morra Site	Wayne K. DeCarr
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
6723 Towpath Road Syracuse, N.Y. 13214	100.09.22	Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
	Air Stripper Influent	9/13/94	1:10 P	water		X	3	USEPA 601 & 602
	Air Stripper Effluent	"	1:15 P	"		X	3	" "
	Air Stripper B	"	1:20 P	"		X	3	" "
	Trip Blank	"	—	"			1	↓ ↓
	Air Stripper Influent	"	1:10 P	"			1	PCB's by USEPA 608
	Air Stripper Effluent	"	1:15 P	"			1	" "
	Air Stripper B	"	1:20 P	"			1	↓ ↓
	Air Stripper Influent	"	1:10 P	"			1	Aluminum & Zinc by USEPA 200.7
	Air Stripper Effluent	↓	1:15 P	↓			1	↓ ↓
			A P					
			A P					
			A P					
			A P					
			A P					

Turnaround Time: 24Hr on all parameters

Laboratory Approval:

Relinquished by: (Signature) Wayne DeCarr	**Received by:** (Signature) As Per Conv. w/ Wayne DeCarr	**Date/Time** 9/13/94 1:45
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** **Date/Time**
Method of Shipment: Courier (FE)	**Send Report To:** Donald F. Sauda - BB&L	**Client Phone No.:** (315) 446-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/13/94
Number of samples analyzed: 3
AES Project ID: 940914AH
Invoice #: 142112

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/14/94
CLIENT'S SAMPLE ID: Air Stripper Inflnt Date sample received: 09/14/94
AES sample #: 940914AH01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB	09/15/94
Bromomethane	EPA-601	<1000	ug/l	PB	09/15/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB	09/15/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB	09/15/94
Chloroethane	EPA-601	<1000	ug/l	PB	09/15/94
Methylene Chloride	EPA-601	<1000	ug/l	PB	09/15/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB	09/15/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB	09/15/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB	09/15/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB	09/15/94
Chloroform	EPA-601	<1000	ug/l	PB	09/15/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB	09/15/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB	09/15/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB	09/15/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB	09/15/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB	09/15/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	09/15/94
Trichloroethylene	EPA-601	23,000	ug/l	PB	09/15/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB	09/15/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB	09/15/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/14/94
CLIENT'S SAMPLE ID: Air Stripper Inflnt Date sample received: 09/14/94
AES sample #: 940914AH01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1000	ug/l	PB	09/15/94
2-Chloroethylvinylether		EPA-601	<1000	ug/l	PB	09/15/94
Bromoform		EPA-601	<1000	ug/l	PB	09/15/94
1,1,2,2-Tetrachloroethane		EPA-601	<1000	ug/l	PB	09/15/94
Tetrachloroethylene		EPA-601	<1000	ug/l	PB	09/15/94
Benzene		EPA-602	<1000	ug/l	PB	09/15/94
Toluene		EPA-602	<1000	ug/l	PB	09/15/94
Ethylbenzene		EPA-602	<1000	ug/l	PB	09/15/94
Chlorobenzene		EPA-602	<1000	ug/l	PB	09/15/94
p-Dichlorobenzene		EPA-602	<1000	ug/l	PB	09/15/94
m-Dichlorobenzene		EPA-602	<1000	ug/l	PB	09/15/94
o-Dichlorobenzene		EPA-602	<1000	ug/l	PB	09/15/94
Xylenes		EPA-602	<1000	ug/l	PB	09/15/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/14/94
CLIENT'S SAMPLE ID: Air Stripper Efflnt Date sample received: 09/14/94
AES sample #: 940914AH02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	09/15/94
Bromomethane	EPA-601	<1	ug/l	PB	09/15/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	09/15/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	09/15/94
Chloroethane	EPA-601	<1	ug/l	PB	09/15/94
Methylene Chloride	EPA-601	<1	ug/l	PB	09/15/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	09/15/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	09/15/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	09/15/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	09/15/94
Chloroform	EPA-601	<1	ug/l	PB	09/15/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	09/15/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	09/15/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	09/15/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	09/15/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	09/15/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/15/94
Trichloroethylene	EPA-601	11	ug/l	PB	09/15/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	09/15/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	09/15/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/14/94
CLIENT'S SAMPLE ID: Air Stripper Efflnt Date sample received: 09/14/94
AES sample #: 940914AH02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/15/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	09/15/94
Bromoform	EPA-601	<1	ug/l	PB	09/15/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	09/15/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	09/15/94
Benzene	EPA-602	<1	ug/l	PB	09/15/94
Toluene	EPA-602	<1	ug/l	PB	09/15/94
Ethylbenzene	EPA-602	<1	ug/l	PB	09/15/94
Chlorobenzene	EPA-602	<1	ug/l	PB	09/15/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/15/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/15/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/15/94
Xylenes	EPA-602	<1	ug/l	PB	09/15/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/14/94
CLIENT'S SAMPLE ID: Trip Blank Date sample received: 09/14/94
AES sample #: 940914AH03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
Bromomethane	EPA-601	<1	ug/l	PB-B	10/05/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	10/05/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	10/05/94
Chloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	10/05/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	10/05/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	10/05/94
Chloroform	EPA-601	<1	ug/l	PB-B	10/05/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	10/05/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	10/05/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/05/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	10/05/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/14/94
CLIENT'S SAMPLE ID: Trip Blank Date sample received: 09/14/94
AES sample #: 940914AH03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/05/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	10/05/94
Bromoform	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	10/05/94
Benzene	EPA-602	<1	ug/l	PB	09/15/94
Toluene	EPA-602	<1	ug/l	PB-B	10/05/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	10/05/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
Xylenes	EPA-602	<1	ug/l	PB-B	10/05/94

APPROVED BY:
Report date: 10/13/94

Fax Results To Wayne DeCarr @ (518) 792-0381
24 Hr TAT

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

(Refer to the agreement between BB&L and Adirondack Env. Services Inc dated 7/19/94)

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee, Inc.	Moreau Site	Wayne K. DeCarr
ADDRESS: 6723 Towpath Road, Syracuse, N.Y. 13214	PO NUMBER: 100.09.22	SAMPLERS: (Signature) Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE: MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
940914 AH01	Air Stripper Influent	9/14/94	1125 A/P	Water		X	3	VOC's by USEPA 601 Plus 2
AH02	Air Stripper Effluent	9/14/94	1130 A/P	water		X	3	〃
	Trip Blank	9/14/94	— A/P	water		X	1	〃
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

Turnaround Time: 24 Hr.

Laboratory Approval:

Relinquished by: (Signature) Wayne K. DeCarr	**Received by:** (Signature)	**Date/Time** 9/14/94 1140 pm
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**

Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:**	**Date/Time** 9/14 1530
Method of Shipment: L.E.D.F.O.O.T. Express Inc. (Express Courier)	**Send Report To:** Donald F. Sauda - BB&L		**Client Phone No.:** (315) 446-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Report date: 10/20/94
Number of samples analyzed: 4
AES Project ID: 940915 K
Invoice #: 142179

Adirondack Environmental Services, Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: EF091594
AES sample #: 940915 K01 Samples taken by: Wayne DeCarr
MATRIX: water

Date Sampled: 09/15/94
Date sample received: 09/15/94
Location: Moreau Site
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Sulfate	EPA-375.4	46500	ug/l	SW-I-8	09/20/94
Total Organic Carbon	EPA-415.1	2500	ug/l	SZ-C-27	09/16/94
Total Kjeldahl Nitrogen-N	EPA-351.3	<1000	ug/l	LS-E-33	09/19/94
Alkalinity, as CaCO3	EPA-310.1	160	mg/l	BC-F-29	09/22/94
Nitrate/Nitrite-N	EPA-353.1	16	mg/l	FM-A	09/27/94
Arsenic	EPA-206.2	<0.01	mg/l	JW-GLE-23	09/16/94
Cadmium	EPA-200.7	0.007	mg/l	SM-I1D-6	09/17/94
Chromium	EPA-200.7	0.008	mg/l	SM-I1D-6	09/17/94
Beryllium	EPA-200.7	<0.005	mg/l	SM-I1D-6	09/17/94
Copper	EPA-200.7	0.026	mg/l	SM-I1D-6	09/17/94
Zinc	EPA-200.7	0.06	mg/l	SM-I1D-6	09/17/94
Thallium	EPA-279.2	<0.01	mg/l	CG-GCG-75	09/19/94
Silver	EPA-200.7	0.01	mg/l	SM-I1D-6	09/17/94
Selenium	EPA-270.2	<0.005	mg/l	CG-PEP-118	09/19/94
Nickel	EPA-200.7	<0.04	mg/l	SM-I1D-6	09/17/94
Mercury	EPA-245.1	0.0016	mg/l	BS-PSE-29	09/29/94
Lead	EPA-239.2	<0.003	mg/l	CG-GLE-24	09/19/94
Antimony	EPA-200.7	<0.06	mg/l	SM-I1D-6	09/17/94
Sodium	EPA-200.7	25.3	mg/l	SM-I1D-6	09/17/94
Chloromethane	EPA-601	<1	ug/l	PB-B	09/15/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: EF091594 Date sample received: 09/15/94
AES sample #: 940915 K01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Bromomethane	EPA-601	<1	ug/l	PB-B	09/15/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	09/15/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	09/15/94
Chloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	09/15/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	09/15/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	09/15/94
Chloroform	EPA-601	<1	ug/l	PB-B	09/15/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	09/15/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	09/15/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/15/94
Trichloroethylene	EPA-601	9	ug/l	PB-B	09/15/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/15/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: EF091594 Date sample received: 09/15/94
AES sample #: 940915 K01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	09/15/94
Bromoform	EPA-601	<1	ug/l	PB-B	09/15/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	09/15/94
Benzene	EPA-602	<1	ug/l	PB-B	09/15/94
Toluene	EPA-602	<1	ug/l	PB-B	09/15/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	09/15/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
Xylenes	EPA-602	<1	ug/l	PB-B	09/15/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: IF091594 Date sample received: 09/15/94
AES sample #: 940915 K02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Sulfate	EPA-375.4	44200	ug/l	SW-I-8	09/20/94
Total Organic Carbon	EPA-415.1	2300	ug/l	SZ-C-27	09/16/94
Total Kjeldahl Nitrogen-N	EPA-351.3	1680	ug/l	LS-E-33	09/19/94
Alkalinity, as CaCO3	EPA-310.1	120	mg/l	BC-F-29	09/22/94
Nitrate/Nitrite-N	EPA-353.1	16	mg/l	FM-A	09/27/94
Arsenic	EPA-206.2	<0.01	mg/l	JW-GLE-23	09/16/94
Cadmium	EPA-200.7	0.006	mg/l	SM-I1D-6	09/17/94
Chromium	EPA-200.7	0.005	mg/l	SM-I1D-6	09/17/94
Beryllium	EPA-200.7	<0.005	mg/l	SM-I1D-6	09/17/94
Copper	EPA-200.7	0.027	mg/l	SM-I1D-6	09/17/94
Zinc	EPA-200.7	0.05	mg/l	SM-I1D-6	09/17/94
Thallium	EPA-279.2	<0.01	mg/l	CG-GCG-75	09/19/94
Silver	EPA-200.7	<0.02	mg/l	SM-I1D-6	09/17/94
Selenium	EPA-270.2	<0.005	mg/l	CG-PEP-118	09/19/94
Nickel	EPA-200.7	<0.04	mg/l	SM-I1D-6	09/17/94
Mercury	EPA-245.1	<0.0002	mg/l	BS-PSE-29	09/29/94
Lead	EPA-239.2	<0.003	mg/l	CG-GLE-24	09/19/94
Antimony	EPA-200.7	<0.06	mg/l	SM-I1D-6	09/17/94
Sodium	EPA-200.7	12.2	mg/l	SM-I1D-6	09/17/94
PCB-1016	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: IF091594 Date sample received: 09/15/94
AES sample #: 940915 K02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1221		EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1232		EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1242		EPA-608	6.2	ug/l	KF-PP-30	09/15/94
PCB-1248		EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1254		EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1260		EPA-608	<0.5	ug/l	KF-PP-30	09/15/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: X1091594 Date sample received: 09/15/94
AES sample #: 940915 K03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1221	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1232	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1242	EPA-608	5.9	ug/l	KF-PP-30	09/15/94
PCB-1248	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1254	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94
PCB-1260	EPA-608	<0.5	ug/l	KF-PP-30	09/15/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: TB091594 Date sample received: 09/15/94
AES sample #: 940915 K04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	09/15/94
Bromomethane	EPA-601	<1	ug/l	PB-B	09/15/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	09/15/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	09/15/94
Chloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	09/15/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	09/15/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	09/15/94
Chloroform	EPA-601	<1	ug/l	PB-B	09/15/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	09/15/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	09/15/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/15/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	09/15/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	09/15/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	09/15/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/15/94
CLIENT'S SAMPLE ID: TB091594 Date sample received: 09/15/94
AES sample #: 940915 K04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/15/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	09/15/94
Bromoform	EPA-601	<1	ug/l	PB-B	09/15/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	09/15/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	09/15/94
Benzene	EPA-602	<1	ug/l	PB-B	09/15/94
Toluene	EPA-602	<1	ug/l	PB-B	09/15/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	09/15/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/15/94
Xylenes	EPA-602	<1	ug/l	PB-B	09/15/94

APPROVED BY: Tara Adams
Report date: 10/20/94

Fax Results To Wayne DeCarr
at (518) 792-0381

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

(Refer to letter of agreement between BB&L and Adirondack dated 7/19/94)

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee, Inc	Moreau Site	Wayne K. DeCarr
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
6723 Towpath Road Syracuse,	100.09.22	Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
[illegible]	EF091594	9/15/94	10[30]	A P	water		X	3	VOC's by EPA 601 & 602
KQ)	IF091594	9/15/94	10[45]	A P	water		X	1	PCB's by EPA 608
[illegible]	X1 091594	9/15/94	xx	A P	water		X	1	PCB's by EPA 608
K[illegible]	EF091594	9/15/94	10[30]	A P	water		X	4	Sulfate (SO4),
	↓	↓	↓	A P	↓		↓	↓	Priority Pollutant Metals,
	↓	↓	↓	A P	↓		↓	↓	Sodium, Nitrogen as Nitrate/Nitrite
	↓	↓	↓	A P	↓		↓	↓	TOC, TKN, Total Alkalinity
IC62	IF091594	9/15/94	10[45]	A P	water		X	4	SO4, Priority Pollutant Metals,
	↓	↓	↓	A P	↓		↓	↓	Sodium, Nitrogen as Nitrate/Nitrite, TOC,
	↓	↓	↓	A P	↓		↓	↓	TKN, Total Alkalinity
V	TB 091594	9/15/94	—	A P	water		X		VOC's by USEPA 601 & 602
				A P					
				A P					

Turnaround Time: 24Hrs on VOC's & PCB's ; 14 day on other analysis

Laboratory Approval:

Relinquished by: (Signature) Wayne DeCarr	**Received by:** (Signature)	**Date/Time** 9/15/94 11:00 am
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**

Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:**	**Date/Time** 9/15 12:45
Method of Shipment: Picked up By Adirondack Env. Serv.	**Send Report To:** Donald Sanda – BB&L		**Client Phone No.:** (315) 446-9120 Phone (315) 445-9161 FAX

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/20/94
Number of samples analyzed: 6
AES Project ID: 940916AN
Invoice #: 142255

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: IF091694
AES sample #: 940916AN01
Samples taken by: Wayne DeCarr
MATRIX: water

Date Sampled: 09/16/94
Date sample received: 09/16/94
Location: Moreau Site
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	SM-I-1D-7	09/09/94
Zinc	EPA-200.7	<0.01	mg/l	SM-I-1D-7	09/19/94
Chloromethane	EPA-601	<500	ug/l	PB	09/19/94
Bromomethane	EPA-601	<500	ug/l	PB	09/19/94
Dichlorodifluoromethane	EPA-601	<500	ug/l	PB	09/19/94
Vinyl Chloride	EPA-601	<500	ug/l	PB	09/19/94
Chloroethane	EPA-601	<500	ug/l	PB	09/19/94
Methylene Chloride	EPA-601	<500	ug/l	PB	09/19/94
Trichloroflouromethane	EPA-601	<500	ug/l	PB	09/19/94
1,1 Dichloroethene	EPA-601	<500	ug/l	PB	09/19/94
1,1 Dichloroethane	EPA-601	<500	ug/l	PB	09/19/94
t-1,2-Dichloroethene	EPA-601	<500	ug/l	PB	09/19/94
Chloroform	EPA-601	<500	ug/l	PB	09/19/94
1,2 Dichloroethane	EPA-601	<500	ug/l	PB	09/19/94
1,1,1 Trichloroethane	EPA-601	<500	ug/l	PB	09/19/94
Carbon Tetrachloride	EPA-601	<500	ug/l	PB	09/19/94
Bromodichloromethane	EPA-601	<500	ug/l	PB	09/19/94
1,2-Dichloropropane	EPA-601	<500	ug/l	PB	09/19/94
t-1,3-Dichloropropene	EPA-601	<500	ug/l	PB	09/19/94
Trichloroethylene	EPA-601	25000	ug/l	PB	09/19/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: IF091694
AES sample #: 940916AN01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

Date Sampled: 09/16/94
Date sample received: 09/16/94

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dibromochloromethane		EPA-601	<500	ug/l	PB	09/19/94
1,1,2-Trichloroethane		EPA-601	<500	ug/l	PB	09/19/94
cis-1,3-Dichloropropene		EPA-601	<500	ug/l	PB	09/19/94
2-Chloroethylvinylether		EPA-601	<500	ug/l	PB	09/19/94
Bromoform		EPA-601	<500	ug/l	PB	09/19/94
1,1,2,2-Tetrachloroethane		EPA-601	<500	ug/l	PB	09/19/94
Tetrachloroethylene		EPA-601	<500	ug/l	PB	09/19/94
Benzene		EPA-602	<500	ug/l	PB	09/19/94
Toluene		EPA-602	<500	ug/l	PB	09/19/94
Ethylbenzene		EPA-602	<500	ug/l	PB	09/19/94
Chlorobenzene		EPA-602	<500	ug/l	PB	09/19/94
p-Dichlorobenzene		EPA-602	<500	ug/l	PB	09/19/94
m-Dichlorobenzene		EPA-602	<500	ug/l	PB	09/19/94
o-Dichlorobenzene		EPA-602	<500	ug/l	PB	09/19/94
Xylenes		EPA-602	<500	ug/l	PB	09/19/94

Adirondack Environmental Services PC

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: EF091694 Date sample received: 09/16/94
AES sample #: 940916AN02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	SM-I-1D-7	09/09/94
Zinc	EPA-200.7	<0.01	mg/l	SM-I-1D-7	09/19/94
Chloromethane	EPA-601	<1	ug/l	PB	09/19/94
Bromomethane	EPA-601	<1	ug/l	PB	09/19/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	09/19/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	09/19/94
Chloroethane	EPA-601	<1	ug/l	PB	09/19/94
Methylene Chloride	EPA-601	<1	ug/l	PB	09/19/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	09/19/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	09/19/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	09/19/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	09/19/94
Chloroform	EPA-601	<1	ug/l	PB	09/19/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	09/19/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	09/19/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	09/19/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	09/19/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	09/19/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/19/94
Trichloroethylene	EPA-601	12	ug/l	PB	09/19/94

Adirondack Environmental Services inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: EF091694 Date sample received: 09/16/94
AES sample #: 940916AN02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dibromochloromethane	EPA-601	<1	ug/l	PB	09/19/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	09/19/94
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/19/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	09/19/94
Bromoform	EPA-601	<1	ug/l	PB	09/19/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	09/19/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	09/19/94
Benzene	EPA-602	<1	ug/l	PB	09/19/94
Toluene	EPA-602	<1	ug/l	PB	09/19/94
Ethylbenzene	EPA-602	<1	ug/l	PB	09/19/94
Chlorobenzene	EPA-602	<1	ug/l	PB	09/19/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/19/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/19/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/19/94
Xylenes	EPA-602	<1	ug/l	PB	09/19/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: X1091694 Date sample received: 09/16/94
AES sample #: 940916AN03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane		EPA-601	<1000	ug/l	PB	09/19/94
Bromomethane		EPA-601	<1000	ug/l	PB	09/19/94
Dichlorodifluoromethane		EPA-601	<1000	ug/l	PB	09/19/94
Vinyl Chloride		EPA-601	<1000	ug/l	PB	09/19/94
Chloroethane		EPA-601	<1000	ug/l	PB	09/19/94
Methylene Chloride		EPA-601	<1000	ug/l	PB	09/19/94
Trichloroflouromethane		EPA-601	<1000	ug/l	PB	09/19/94
1,1 Dichloroethene		EPA-601	<1000	ug/l	PB	09/19/94
1,1 Dichloroethane		EPA-601	<1000	ug/l	PB	09/19/94
t-1,2-Dichloroethene		EPA-601	<1000	ug/l	PB	09/19/94
Chloroform		EPA-601	<1000	ug/l	PB	09/19/94
1,2 Dichloroethane		EPA-601	<1000	ug/l	PB	09/19/94
1,1,1 Trichloroethane		EPA-601	<1000	ug/l	PB	09/19/94
Carbon Tetrachloride		EPA-601	<1000	ug/l	PB	09/19/94
Bromodichloromethane		EPA-601	<1000	ug/l	PB	09/19/94
1,2-Dichloropropane		EPA-601	<1000	ug/l	PB	09/19/94
t-1,3-Dichloropropene		EPA-601	<1000	ug/l	PB	09/19/94
Trichloroethylene		EPA-601	22,000	ug/l	PB	09/19/94
Dibromochloromethane		EPA-601	<1000	ug/l	PB	09/19/94
1,1,2-Trichloroethane		EPA-601	<1000	ug/l	PB	09/19/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: X1091694 Date sample received: 09/16/94
AES sample #: 940916AN03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1000	ug/l	PB	09/19/94
2-Chloroethylvinylether		EPA-601	<1000	ug/l	PB	09/19/94
Bromoform		EPA-601	<1000	ug/l	PB	09/19/94
1,1,2,2-Tetrachloroethane		EPA-601	<1000	ug/l	PB	09/19/94
Tetrachloroethylene		EPA-601	<1000	ug/l	PB	09/19/94
Benzene		EPA-602	<1000	ug/l	PB	09/19/94
Toluene		EPA-602	<1000	ug/l	PB	09/19/94
Ethylbenzene		EPA-602	<1000	ug/l	PB	09/19/94
Chlorobenzene		EPA-602	<1000	ug/l	PB	09/19/94
p-Dichlorobenzene		EPA-602	<1000	ug/l	PB	09/19/94
m-Dichlorobenzene		EPA-602	<1000	ug/l	PB	09/19/94
o-Dichlorobenzene		EPA-602	<1000	ug/l	PB	09/19/94
Xylenes		EPA-602	<1000	ug/l	PB	09/19/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: XA091694 Date sample received: 09/16/94
AES sample #: 940916AN04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	SM-I-1D-7	09/09/94
Zinc	EPA-200.7	0.02	mg/l	SM-I-1D-7	09/19/94

Adirondack
Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: XB091694
AES sample #: 940916AN05
Samples taken by: Wayne DeCarr
MATRIX: water

Date Sampled: 09/16/94
Date sample received: 09/16/94
Location: Moreau Site
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	SM-I-1D-7	09/09/94
Zinc	EPA-200.7	<0.01	mg/l	SM-I-1D-7	09/19/94

APPROVED BY: Tara Daniel
Report date: 09/19/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: TB091694 Date sample received: 09/16/94
AES sample #: 940916AN06 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
Bromomethane	EPA-601	<1	ug/l	PB-B	10/05/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	10/05/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	10/05/94
Chloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	10/05/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	10/05/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	10/05/94
Chloroform	EPA-601	<1	ug/l	PB-B	10/05/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	10/05/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	10/05/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/05/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	10/05/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	10/05/94

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/16/94
CLIENT'S SAMPLE ID: TB091694 Date sample received: 09/16/94
AES sample #: 940916AN06 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/05/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	10/05/94
Bromoform	EPA-601	<1	ug/l	PB-B	10/05/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	10/05/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	10/05/94
Benzene	EPA-602	<1	ug/l	PB-B	10/05/94
Toluene	EPA-602	<1	ug/l	PB-B	10/05/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	10/05/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/05/94
Xylenes	EPA-602	<1	ug/l	PB-B	10/05/94

APPROVED BY: _____
Report date: 10/20/94

Fax results to Wayne DeCarr at (518) 792-0321

(Refer to letter agreement between B&L and Adirondack dated 7/19/94)

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland Bouck & Lee, Inc.	Moreau Site	Wayne K. DeCarr
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
6723 Towpath Road Syracuse N.Y. 13214	100.09.22	Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
940916AN01	IF091694	9/16/94	10^{25}	A/P	water		X	3	VOC's by USEPA 601&602
AN02	EF091694	"	10^{30}	A/P	"		X	3	"
AN03	XI 091694	"	XX	A/P	"		X	3	"
AN01	IF091694	9/16/94	10^{25}	A/P	water		X	1	Aluminum & Zinc by USEPA 200.
AN02	EF091694	"	10^{20}	A/P	"		X	1	"
AN04	XA091694	"	XX	A/P	"		X	1	"
AN05	XB091694	"	XX	A/P	"		X	1	"
AN06	TB091694	9/16/94	—	A/P	water	—	—	1	VOC's by USEPA 601 & 602
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					

Turnaround Time: 24Hrs

Laboratory Approval:

Relinquished by: (Signature) Wayne K. DeCarr	**Received by:** (Signature)	**Date/Time** 9/16/94 11 30 Am
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** **Date/Time** 9/16 1455
Method of Shipment: L.E.D. Foot Express Inc. (Express Courier)	**Send Report To:** Donald F. Sauda	**Client Phone No.:** 315 446-9120 Fax (315) 445-9161

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 09/30/94
Number of samples analyzed: 3
AES Project ID: 940926 X
Invoice #: 142541

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/26/94
CLIENT'S SAMPLE ID: IF092694 Date sample received: 09/26/94
AES sample #: 940926 X01 Samples taken by: WayneK.DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB-B	09/26/94
Bromomethane	EPA-601	<1000	ug/l	PB-B	09/26/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB-B	09/26/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB-B	09/26/94
Chloroethane	EPA-601	<1000	ug/l	PB-B	09/26/94
Methylene Chloride	EPA-601	<1000	ug/l	PB-B	09/26/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB-B	09/26/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB-B	09/26/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB-B	09/26/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB-B	09/26/94
Chloroform	EPA-601	<1000	ug/l	PB-B	09/26/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB-B	09/26/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB-B	09/26/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB-B	09/26/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB-B	09/26/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB-B	09/26/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB-B	09/26/94
Trichloroethylene	EPA-601	26,000	ug/l	PB-B	09/26/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB-B	09/26/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB-B	09/26/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/26/94
CLIENT'S SAMPLE ID: IF092694 Date sample received: 09/26/94
AES sample #: 940926 X01 Samples taken by: WayneK.DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB-B	09/26/94
2-Chloroethylvinylether	EPA-601	<1000	ug/l	PB-B	09/26/94
Bromoform	EPA-601	<1000	ug/l	PB-B	09/26/94
1,1,2,2-Tetrachloroethane	EPA-601	<1000	ug/l	PB-B	09/26/94
Tetrachloroethylene	EPA-601	<1000	ug/l	PB-B	09/26/94
Benzene	EPA-602	<1000	ug/l	PB-B	09/26/94
Toluene	EPA-602	<1000	ug/l	PB-B	09/26/94
Ethylbenzene	EPA-602	<1000	ug/l	PB-B	09/26/94
Chlorobenzene	EPA-602	<1000	ug/l	PB-B	09/26/94
p-Dichlorobenzene	EPA-602	<1000	ug/l	PB-B	09/26/94
m-Dichlorobenzene	EPA-602	<1000	ug/l	PB-B	09/26/94
o-Dichlorobenzene	EPA-602	<1000	ug/l	PB-B	09/26/94
Xylenes	EPA-602	<1000	ug/l	PB-B	09/26/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/26/94
CLIENT'S SAMPLE ID: EF092694 Date sample received: 09/26/94
AES sample #: 940926 X02 Samples taken by: WayneK.DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	09/26/94
Bromomethane	EPA-601	<1	ug/l	PB-B	09/26/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	09/26/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	09/26/94
Chloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	09/26/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	09/26/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	09/26/94
Chloroform	EPA-601	<1	ug/l	PB-B	09/26/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	09/26/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	09/26/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/26/94
Trichloroethylene	EPA-601	75	ug/l	PB-B	09/26/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/26/94
CLIENT'S SAMPLE ID: EF092694 Date sample received: 09/26/94
AES sample #: 940926 X02 Samples taken by: WayneK.DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/26/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	09/26/94
Bromoform	EPA-601	<1	ug/l	PB-B	09/26/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	09/26/94
Benzene	EPA-602	<1	ug/l	PB-B	09/26/94
Toluene	EPA-602	<1	ug/l	PB-B	09/26/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	09/26/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	09/26/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/26/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/26/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/26/94
Xylenes	EPA-602	<1	ug/l	PB-B	09/26/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/26/94
CLIENT'S SAMPLE ID: TB092694 Date sample received: 09/26/94
AES sample #: 940926 X03 Samples taken by: WayneK.DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTERK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	09/26/94
Bromomethane	EPA-601	<1	ug/l	PB-B	09/26/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	09/26/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	09/26/94
Chloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	09/26/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	09/26/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	09/26/94
Chloroform	EPA-601	<1	ug/l	PB-B	09/26/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	09/26/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	09/26/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/26/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	09/26/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	09/26/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	09/26/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: TB092694
AES sample #: 940926 X03
Samples taken by: WayneK.DeCarr
MATRIX: water
Date Sampled: 09/26/94
Date sample received: 09/26/94
Location: Moreau Site
grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1	ug/l	PB-B	09/26/94
2-Chloroethylvinylether		EPA-601	<1	ug/l	PB-B	09/26/94
Bromoform		EPA-601	<1	ug/l	PB-B	09/26/94
1,1,2,2-Tetrachloroethane		EPA-601	<1	ug/l	PB-B	09/26/94
Tetrachloroethylene		EPA-601	<1	ug/l	PB-B	09/26/94
Benzene		EPA-602	<1	ug/l	PB-B	09/26/94
Toluene		EPA-602	<1	ug/l	PB-B	09/26/94
Ethylbenzene		EPA-602	<1	ug/l	PB-B	09/26/94
Chlorobenzene		EPA-602	<1	ug/l	PB-B	09/26/94
p-Dichlorobenzene		EPA-602	<1	ug/l	PB-B	09/26/94
m-Dichlorobenzene		EPA-602	<1	ug/l	PB-B	09/26/94
o-Dichlorobenzene		EPA-602	<1	ug/l	PB-B	09/26/94
Xylenes		EPA-602	<1	ug/l	PB-B	09/26/94

APPROVED BY: Sara Daniel
Report date: 09/30/94

Fax results to Wayne DeCarr @ (518) 792-0381

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

(Refer to letter agreement between BB&L and Adirondack dated 7/19/94)

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee, Inc	Moreau Site	Wayne K. DeCarr
ADDRESS 6723 Towpath Road Syracuse, N.Y. 13214	**PO NUMBER** 100.09.22	**SAMPLERS: (Signature)** Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
9409260X-1	IF092694	9/26/94	1015	A	water		X	3	VOC's by USEPA 6018602
-2	EF092694	9/26/94	1010	A	water		X	3	"
-3	TB092694	9/26/94	—	A	water		X	1	"
				A					
				A					
				A					
				A					
				A					
				A					
				A					
				A					
				A					
				A					

Turnaround Time: 24 Hr

Laboratory Approval:

Relinquished by: (Signature) Wayne K. DeCarr	**Received by:** (Signature)	**Date/Time** 9/26/94 1100 am
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**

Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:**	**Date/Time**
Method of Shipment:	**Send Report To:**		**Client Phone No.:**

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 11/02/94
Number of samples analyzed: 4
AES Project ID: 940927AD
Invoice #: 142570

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: IF 092794 Date sample received: 09/27/94
AES sample #: 940927AD01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB	09/28/94
Bromomethane	EPA-601	<1000	ug/l	PB	09/28/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB	09/28/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB	09/28/94
Chloroethane	EPA-601	<1000	ug/l	PB	09/28/94
Methylene Chloride	EPA-601	<1000	ug/l	PB	09/28/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB	09/28/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB	09/28/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB	09/28/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB	09/28/94
Chloroform	EPA-601	<1000	ug/l	PB	09/28/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB	09/28/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB	09/28/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB	09/28/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB	09/28/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB	09/28/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	09/28/94
Trichloroethylene	EPA-601	33,000	ug/l	PB	09/28/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB	09/28/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB	09/28/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: IF 092794 Date sample received: 09/27/94
AES sample #: 940927AD01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	09/28/94
2-Chloroethylvinylether	EPA-601	<1000	ug/l	PB	09/28/94
Bromoform	EPA-601	<1000	ug/l	PB	09/28/94
1,1,2,2-Tetrachloroethane	EPA-601	<1000	ug/l	PB	09/28/94
Tetrachloroethylene	EPA-601	<1000	ug/l	PB	09/28/94
Benzene	EPA-602	<1000	ug/l	PB	09/28/94
Toluene	EPA-602	<1000	ug/l	PB	09/28/94
Ethylbenzene	EPA-602	<1000	ug/l	PB	09/28/94
Chlorobenzene	EPA-602	<1000	ug/l	PB	09/28/94
p-Dichlorobenzene	EPA-602	<1000	ug/l	PB	09/28/94
m-Dichlorobenzene	EPA-602	<1000	ug/l	PB	09/28/94
o-Dichlorobenzene	EPA-602	<1000	ug/l	PB	09/28/94
Xylenes	EPA-602	<1000	ug/l	PB	09/28/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: EF 092794 Date sample received: 09/27/94
AES sample #: 940927AD02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	09/28/94
Bromomethane	EPA-601	<1	ug/l	PB	09/28/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	09/28/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	09/28/94
Chloroethane	EPA-601	<1	ug/l	PB	09/28/94
Methylene Chloride	EPA-601	<1	ug/l	PB	09/28/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	09/28/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	09/28/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	09/28/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	09/28/94
Chloroform	EPA-601	<1	ug/l	PB	09/28/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	09/28/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	09/28/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	09/28/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	09/28/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	09/28/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/28/94
Trichloroethylene	EPA-601	51	ug/l	PB	09/28/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	09/28/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	09/28/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: EF 092794 Date sample received: 09/27/94
AES sample #: 940927AD02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/28/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	09/28/94
Bromoform	EPA-601	<1	ug/l	PB	09/28/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	09/28/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	09/28/94
Benzene	EPA-602	<1	ug/l	PB	09/28/94
Toluene	EPA-602	<1	ug/l	PB	09/28/94
Ethylbenzene	EPA-602	<1	ug/l	PB	09/28/94
Chlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
Xylenes	EPA-602	<1	ug/l	PB	09/28/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: Tank No. 1 IF Date sample received: 09/27/94
AES sample #: 940927AD03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTES& REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	09/28/94
Bromomethane	EPA-601	<1	ug/l	PB	09/28/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	09/28/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	09/28/94
Chloroethane	EPA-601	<1	ug/l	PB	09/28/94
Methylene Chloride	EPA-601	<1	ug/l	PB	09/28/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	09/28/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	09/28/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	09/28/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	09/28/94
Chloroform	EPA-601	<1	ug/l	PB	09/28/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	09/28/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	09/28/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	09/28/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	09/28/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	09/28/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/28/94
Trichloroethylene	EPA-601	40	ug/l	PB	09/28/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	09/28/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	09/28/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: Tank No. 1 IF Date sample received: 09/27/94
AES sample #: 940927AD03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	09/28/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	09/28/94
Bromoform	EPA-601	<1	ug/l	PB	09/28/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	09/28/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	09/28/94
Benzene	EPA-602	<1	ug/l	PB	09/28/94
Toluene	EPA-602	<1	ug/l	PB	09/28/94
Ethylbenzene	EPA-602	<1	ug/l	PB	09/28/94
Chlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	09/28/94
Xylenes	EPA-602	<1	ug/l	PB	09/28/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: Trip Blank Date sample received: 09/27/94
AES sample #: 940927AD04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	09/27/94
Bromomethane	EPA-601	<1	ug/l	PB-B	09/27/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	09/27/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	09/27/94
Chloroethane	EPA-601	<1	ug/l	PB-B	09/27/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	09/27/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	09/27/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	09/27/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/27/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	09/27/94
Chloroform	EPA-601	<1	ug/l	PB-B	09/27/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	09/27/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	09/27/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	09/27/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	09/27/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	09/27/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/27/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	09/27/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	09/27/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	09/27/94

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/27/94
CLIENT'S SAMPLE ID: Trip Blank Date sample received: 09/27/94
AES sample #: 940927AD04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: wastewater grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	09/27/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	09/27/94
Bromoform	EPA-601	<1	ug/l	PB-B	09/27/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	09/27/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	09/27/94
Benzene	EPA-602	<1	ug/l	PB	09/28/94
Toluene	EPA-602	<1	ug/l	PB-B	09/27/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	09/27/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	09/27/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/27/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/27/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	09/27/94
Xylenes	EPA-602	<1	ug/l	PB-B	09/27/94

APPROVED BY: _____
Report date: 11/02/94

Fax results to Wayne DeCarr at (518) 792-0381

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546 / 434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland Bouck & Lee Inc.	Moreau Site	Wayne K. DeCarr
ADDRESS: 6723 Towpath Road, Syracuse NY 13214	PO NUMBER: 100.09.22	SAMPLERS: (Signature) Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
940917 AD01	IF092794	9/27/94	12³⁵ P	water		x	3	VOC's by USEPA 601 & 602
AD02	EF092794	9/27/94	12⁴⁰ P	↓		x	3	↓
AD03	Tank No. 1 IF	9/27/94	12³⁰ P	↓		x	3	↓
-	TB092794	9/27/94	—	↓			1	↓
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

Turnaround Time: 24 Hrs.

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Wayne DeCarr		9/27/94 1⁰⁰ pm
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		[illegible signature]	9/27 4:00

Method of Shipment:	Send Report To:	Client Phone No.:
L.E.D.F.O.O.T. Express Courier Service	Don Sauda - BB&L	

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 11/02/94
Number of samples analyzed: 3
AES Project ID: 940929 N
Invoice #: 142667

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/29/94
CLIENT'S SAMPLE ID: T3092994 Date sample received: 09/29/94
AES sample #: 940929 N01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PBB	09/30/94
Bromomethane	EPA-601	<1	ug/l	PBB	09/30/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PBB	09/30/94
Vinyl Chloride	EPA-601	<1	ug/l	PBB	09/30/94
Chloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Methylene Chloride	EPA-601	<1	ug/l	PBB	09/30/94
Trichloroflouromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PBB	09/30/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PBB	09/30/94
Chloroform	EPA-601	<1	ug/l	PBB	09/30/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PBB	09/30/94
Bromodichloromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PBB	09/30/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PBB	09/30/94
Trichloroethylene	EPA-601	<1	ug/l	PBB	09/30/94
Dibromochloromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PBB	09/30/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/29/94
CLIENT'S SAMPLE ID: T3092994 Date sample received: 09/29/94
AES sample #: 940929 N01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PBB	09/30/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PBB	09/30/94
Bromoform	EPA-601	<1	ug/l	PBB	09/30/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Tetrachloroethylene	EPA-601	<1	ug/l	PBB	09/30/94
Benzene	EPA-602	<1	ug/l	PBB	09/30/94
Toluene	EPA-602	<1	ug/l	PBB	09/30/94
Ethylbenzene	EPA-602	<1	ug/l	PBB	09/30/94
Chlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
Xylenes	EPA-602	<1	ug/l	PBB	09/30/94

Adirondack Environmental Services, Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/29/94
CLIENT'S SAMPLE ID: XX092994 Date sample received: 09/29/94
AES sample #: 940929 N02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PBB	09/30/94
Bromomethane	EPA-601	<1	ug/l	PBB	09/30/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PBB	09/30/94
Vinyl Chloride	EPA-601	<1	ug/l	PBB	09/30/94
Chloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Methylene Chloride	EPA-601	<1	ug/l	PBB	09/30/94
Trichloroflouromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PBB	09/30/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PBB	09/30/94
Chloroform	EPA-601	<1	ug/l	PBB	09/30/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PBB	09/30/94
Bromodichloromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PBB	09/30/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PBB	09/30/94
Trichloroethylene	EPA-601	<1	ug/l	PBB	09/30/94
Dibromochloromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PBB	09/30/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/29/94
CLIENT'S SAMPLE ID: XX092994 Date sample received: 09/29/94
AES sample #: 940929 N02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PBB	09/30/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PBB	09/30/94
Bromoform	EPA-601	<1	ug/l	PBB	09/30/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Tetrachloroethylene	EPA-601	<1	ug/l	PBB	09/30/94
Benzene	EPA-602	<1	ug/l	PBB	09/30/94
Toluene	EPA-602	<1	ug/l	PBB	09/30/94
Ethylbenzene	EPA-602	<1	ug/l	PBB	09/30/94
Chlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
Xylenes	EPA-602	<1	ug/l	PBB	09/30/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/29/94
CLIENT'S SAMPLE ID: TB092994 Date sample received: 09/29/94
AES sample #: 940929 N03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PBB	09/30/94
Bromomethane	EPA-601	<1	ug/l	PBB	09/30/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PBB	09/30/94
Vinyl Chloride	EPA-601	<1	ug/l	PBB	09/30/94
Chloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Methylene Chloride	EPA-601	<1	ug/l	PBB	09/30/94
Trichloroflouromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PBB	09/30/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PBB	09/30/94
Chloroform	EPA-601	<1	ug/l	PBB	09/30/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PBB	09/30/94
Bromodichloromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PBB	09/30/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PBB	09/30/94
Trichloroethylene	EPA-601	<1	ug/l	PBB	09/30/94
Dibromochloromethane	EPA-601	<1	ug/l	PBB	09/30/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PBB	09/30/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 09/29/94
CLIENT'S SAMPLE ID: TB092994 Date sample received: 09/29/94
AES sample #: 940929 N03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PBB	09/30/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PBB	09/30/94
Bromoform	EPA-601	<1	ug/l	PBB	09/30/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PBB	09/30/94
Tetrachloroethylene	EPA-601	<1	ug/l	PBB	09/30/94
Benzene	EPA-602	<1	ug/l	PBB	09/30/94
Toluene	EPA-602	<1	ug/l	PBB	09/30/94
Ethylbenzene	EPA-602	<1	ug/l	PBB	09/30/94
Chlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PBB	09/30/94
Xylenes	EPA-602	<1	ug/l	PBB	09/30/94

APPROVED BY: _____
Report date: 11/02/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/05/94
Number of samples analyzed: 3
AES Project ID: 941004AE
Invoice #: 142799

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/04/94
CLIENT'S SAMPLE ID: IF100494 Date sample received: 10/04/94
AES sample #: 941004AE01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB	10/05/94
Bromomethane	EPA-601	<1000	ug/l	PB	10/05/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB	10/05/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB	10/05/94
Chloroethane	EPA-601	<1000	ug/l	PB	10/05/94
Methylene Chloride	EPA-601	<1000	ug/l	PB	10/05/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB	10/05/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB	10/05/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB	10/05/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB	10/05/94
Chloroform	EPA-601	<1000	ug/l	PB	10/05/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB	10/05/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB	10/05/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB	10/05/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB	10/05/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB	10/05/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/05/94
Trichloroethylene	EPA-601	26,000	ug/l	PB	10/05/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB	10/05/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB	10/05/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/04/94
CLIENT'S SAMPLE ID: IF100494 Date sample received: 10/04/94
AES sample #: 941004AE01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/05/94
2-Chloroethylvinylether	EPA-601	<1000	ug/l	PB	10/05/94
Bromoform	EPA-601	<1000	ug/l	PB	10/05/94
1,1,2,2-Tetrachloroethane	EPA-601	<1000	ug/l	PB	10/05/94
Tetrachloroethylene	EPA-601	<1000	ug/l	PB	10/05/94
Benzene	EPA-602	<1000	ug/l	PB	10/05/94
Toluene	EPA-602	<1000	ug/l	PB	10/05/94
Ethylbenzene	EPA-602	<1000	ug/l	PB	10/05/94
Chlorobenzene	EPA-602	<1000	ug/l	PB	10/05/94
p-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/05/94
m-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/05/94
o-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/05/94
Xylenes	EPA-602	<1000	ug/l	PB	10/05/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/04/94
CLIENT'S SAMPLE ID: EF100494 Date sample received: 10/04/94
AES sample #: 941004AE02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/05/94
Bromomethane	EPA-601	<1	ug/l	PB	10/05/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/05/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/05/94
Chloroethane	EPA-601	<1	ug/l	PB	10/05/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/05/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/05/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/05/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/05/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/05/94
Chloroform	EPA-601	<1	ug/l	PB	10/05/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/05/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/05/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/05/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/05/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/05/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/05/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/05/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/05/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/05/94

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/04/94
CLIENT'S SAMPLE ID: EF100494 Date sample received: 10/04/94
AES sample #: 941004AE02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/05/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/05/94
Bromoform	EPA-601	<1	ug/l	PB	10/05/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/05/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/05/94
Benzene	EPA-602	<1	ug/l	PB	10/05/94
Toluene	EPA-602	<1	ug/l	PB	10/05/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/05/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/05/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/05/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/05/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/05/94
Xylenes	EPA-602	<1	ug/l	PB	10/05/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/04/94
CLIENT'S SAMPLE ID: TB100494 Date sample received: 10/04/94
AES sample #: 941004AE03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1	ug/l	PB	10/05/94
2-Chloroethylvinylether		EPA-601	<1	ug/l	PB	10/05/94
Bromoform		EPA-601	<1	ug/l	PB	10/05/94
1,1,2,2-Tetrachloroethane		EPA-601	<1	ug/l	PB	10/05/94
Tetrachloroethylene		EPA-601	<1	ug/l	PB	10/05/94
Benzene		EPA-602	<1	ug/l	PB	10/05/94
Toluene		EPA-602	<1	ug/l	PB	10/05/94
Ethylbenzene		EPA-602	<1	ug/l	PB	10/05/94
Chlorobenzene		EPA-602	<1	ug/l	PB	10/05/94
p-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/05/94
m-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/05/94
o-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/05/94
Xylenes		EPA-602	<1	ug/l	PB	10/05/94

APPROVED BY:
Report date: 10/05/94

Fax results to Wayne DeCarr at (518) 792-0381

Adirondack Environmental Services, Inc ®

314 North Pearl Street
Albany, New York 12207
518-434-4546 / 434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Bl--land Bo--k Elec	Moreau Site	Wayne K. DeCarr
ADDRESS	PO NUMBER	SAMPLERS: (Signature)
6723 Towpath Rd, Syracuse, N.Y.	100.04.22	Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
941004A001	IF100494	10/4/94	1:55	P	water		X	3	VOC's by USEPA 601 & 602
A002	EF100494	↓	1:50	P	↓		X	3	↓
A003	TB100494	↓	—		↓		X	1	↓
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					

Turnaround Time:	Laboratory Approval:
24 Hour	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Wayne K DeCarr		10/4/94 2:00 pm
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	10/4/94 4:05

Method of Shipment:	Send Report To:	Client Phone No.:
Rec'd Delivery [illegible]	Donald F. Sauda	Fax (315) [illegible]

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

WHITE - Lab Copy   YELLOW - Sampler Copy   PINK - Generator Copy

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/11/94
Number of samples analyzed: 4
AES Project ID: 941007AK
Invoice #: 143013

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: IF100794 Date sample received: 10/07/94
AES sample #: 941007AK01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB-B	10/10/94
Bromomethane	EPA-601	<1000	ug/l	PB-B	10/10/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB-B	10/10/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB-B	10/10/94
Chloroethane	EPA-601	<1000	ug/l	PB-B	10/10/94
Methylene Chloride	EPA-601	<1000	ug/l	PB-B	10/10/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB-B	10/10/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB-B	10/10/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB-B	10/10/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB-B	10/10/94
Chloroform	EPA-601	<1000	ug/l	PB-B	10/10/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB-B	10/10/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB-B	10/10/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB-B	10/10/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB-B	10/10/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB-B	10/10/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB-B	10/10/94
Trichloroethylene	EPA-601	30,000	ug/l	PB-B	10/10/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB-B	10/10/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB-B	10/10/94

Adirondack Environmental Services, Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: IF100794 Date sample received: 10/07/94
AES sample #: 941007AK01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB-B	10/10/94
2-Chloroethylvinylether	EPA-601	<1000	ug/l	PB-B	10/10/94
Bromoform	EPA-601	<1000	ug/l	PB-B	10/10/94
1,1,2,2-Tetrachloroethane	EPA-601	<1000	ug/l	PB-B	10/10/94
Tetrachloroethylene	EPA-601	<1000	ug/l	PB-B	10/10/94
Benzene	EPA-602	<1000	ug/l	PB-B	10/10/94
Toluene	EPA-602	<1000	ug/l	PB-B	10/10/94
Ethylbenzene	EPA-602	<1000	ug/l	PB-B	10/10/94
Chlorobenzene	EPA-602	<1000	ug/l	PB-B	10/10/94
p-Dichlorobenzene	EPA-602	<1000	ug/l	PB-B	10/10/94
m-Dichlorobenzene	EPA-602	<1000	ug/l	PB-B	10/10/94
o-Dichlorobenzene	EPA-602	<1000	ug/l	PB-B	10/10/94
Xylenes	EPA-602	<1000	ug/l	PB-B	10/10/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: EF100794 Date sample received: 10/07/94
AES sample #: 941007AK02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	10/10/94
Bromomethane	EPA-601	<1	ug/l	PB-B	10/10/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	10/10/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	10/10/94
Chloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	10/10/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	10/10/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	10/10/94
Chloroform	EPA-601	<1	ug/l	PB-B	10/10/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	10/10/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	10/10/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/10/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	10/10/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: EF100794 Date sample received: 10/07/94
AES sample #: 941007AK02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/10/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	10/10/94
Bromoform	EPA-601	<1	ug/l	PB-B	10/10/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	10/10/94
Benzene	EPA-602	<1	ug/l	PB-B	10/10/94
Toluene	EPA-602	<1	ug/l	PB-B	10/10/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	10/10/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
Xylenes	EPA-602	<1	ug/l	PB-B	10/10/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: AC100794 Date sample received: 10/07/94
AES sample #: 941007AK03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	10/10/94
Bromomethane	EPA-601	<1	ug/l	PB-B	10/10/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	10/10/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	10/10/94
Chloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	10/10/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	10/10/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	10/10/94
Chloroform	EPA-601	<1	ug/l	PB-B	10/10/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	10/10/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	10/10/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/10/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	10/10/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	10/10/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	10/10/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: AC100794 Date sample received: 10/07/94
AES sample #: 941007AK03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/10/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB-B	10/10/94
Bromoform	EPA-601	<1	ug/l	PB-B	10/10/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB-B	10/10/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB-B	10/10/94
Benzene	EPA-602	<1	ug/l	PB-B	10/10/94
Toluene	EPA-602	<1	ug/l	PB-B	10/10/94
Ethylbenzene	EPA-602	<1	ug/l	PB-B	10/10/94
Chlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB-B	10/10/94
Xylenes	EPA-602	<1	ug/l	PB-B	10/10/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: TB100794 Date sample received: 10/07/94
AES sample #: 941007AK04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB-B	10/09/94
Bromomethane	EPA-601	<1	ug/l	PB-B	10/09/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB-B	10/09/94
Vinyl Chloride	EPA-601	<1	ug/l	PB-B	10/09/94
Chloroethane	EPA-601	<1	ug/l	PB-B	10/09/94
Methylene Chloride	EPA-601	<1	ug/l	PB-B	10/09/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB-B	10/09/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB-B	10/09/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/09/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB-B	10/09/94
Chloroform	EPA-601	<1	ug/l	PB-B	10/09/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB-B	10/09/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB-B	10/09/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB-B	10/09/94
Bromodichloromethane	EPA-601	<1	ug/l	PB-B	10/09/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB-B	10/09/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB-B	10/09/94
Trichloroethylene	EPA-601	<1	ug/l	PB-B	10/09/94
Dibromochloromethane	EPA-601	<1	ug/l	PB-B	10/09/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB-B	10/09/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/07/94
CLIENT'S SAMPLE ID: TB100794 Date sample received: 10/07/94
AES sample #: 941007AK04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1	ug/l	PB-B	10/09/94
2-Chloroethylvinylether		EPA-601	<1	ug/l	PB-B	10/09/94
Bromoform		EPA-601	<1	ug/l	PB-B	10/09/94
1,1,2,2-Tetrachloroethane		EPA-601	<1	ug/l	PB-B	10/09/94
Tetrachloroethylene		EPA-601	<1	ug/l	PB-B	10/09/94
Benzene		EPA-602	<1	ug/l	PB-B	10/09/94
Toluene		EPA-602	<1	ug/l	PB-B	10/09/94
Ethylbenzene		EPA-602	<1	ug/l	PB-B	10/09/94
Chlorobenzene		EPA-602	<1	ug/l	PB-B	10/09/94
p-Dichlorobenzene		EPA-602	<1	ug/l	PB-B	10/09/94
m-Dichlorobenzene		EPA-602	<1	ug/l	PB-B	10/09/94
o-Dichlorobenzene		EPA-602	<1	ug/l	PB-B	10/09/94
Xylenes		EPA-602	<1	ug/l	PB-B	10/09/94

APPROVED BY: Tara Daniels
Report date: 10/11/94

Fax results to Wayne DeCarr at (518) 792-0381

Adirondack Environmental Services, Inc.

314 North Pearl Street
Albany, New York 12207
518-434-4546 / 434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee	Morean Site	Wayne K. DeCarr
ADDRESS: 6723 Towpath Road, Syr. NY	PO NUMBER: 100.09 22	SAMPLERS: (Signature) Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	A/P	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
941007AV01	IF 100794	10/7/94	2:00	P	Water		X	3	VOC's by USEPA 601 & 602
AV02	EF 100794	|	1:55	P	|		X	3	|
AV03	AC 100794	|	1:50	P	|		X	3	|
AV04	TB 100794	↓	—		↓			1	↓
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					
				A / P					

Turnaround Time: 24 Hr

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Wayne DeCarr		10/7/94 2:10 pm

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		Jacqueline Agnew	10/7 14:56

Method of Shipment:	Send Report To:	Client Phone No.:
Rapid Delivery Systems	Donald F. Sauda	Fax (315) 445-9161 Phone (315) 446-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

(792-0794)

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 12/01/94
Number of samples analyzed: 4
AES Project ID: 941010 T
Invoice #: 143050

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc.
CLIENT'S SAMPLE ID: IF101094
AES sample #: 941010 T01 Samples taken by: Wayne DeCarr
MATRIX: water

Date Sampled: 10/10/94
Date sample received: 10/10/94
Location: Moreau Site grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	CG-I-1D-22	10/11/94
Zinc	EPA-200.7	0.02	mg/l	CG-I-1D-22	10/11/94
Chloromethane	EPA-601	<1000	ug/l	PB	10/11/94
Bromomethane	EPA-601	<1000	ug/l	PB	10/11/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB	10/11/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB	10/11/94
Chloroethane	EPA-601	<1000	ug/l	PB	10/11/94
Methylene Chloride	EPA-601	<1000	ug/l	PB	10/11/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB	10/11/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB	10/11/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB	10/11/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB	10/11/94
Chloroform	EPA-601	<1000	ug/l	PB	10/11/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB	10/11/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB	10/11/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB	10/11/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB	10/11/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB	10/11/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/11/94
Trichloroethylene	EPA-601	29,000	ug/l	PB	10/11/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: IF101094 Date sample received: 10/10/94
AES sample #: 941010 T01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dibromochloromethane		EPA-601	<1000	ug/l	PB	10/11/94
1,1,2-Trichloroethane		EPA-601	<1000	ug/l	PB	10/11/94
cis-1,3-Dichloropropene		EPA-601	<1000	ug/l	PB	10/11/94
2-Chloroethylvinylether		EPA-601	<1000	ug/l	PB	10/11/94
Bromoform		EPA-601	<1000	ug/l	PB	10/11/94
1,1,2,2-Tetrachloroethane		EPA-601	<1000	ug/l	PB	10/11/94
Tetrachloroethylene		EPA-601	<1000	ug/l	PB	10/11/94
Benzene		EPA-602	<1000	ug/l	PB	10/11/94
Toluene		EPA-602	<1000	ug/l	PB	10/11/94
Ethylbenzene		EPA-602	<1000	ug/l	PB	10/11/94
Chlorobenzene		EPA-602	<1000	ug/l	PB	10/11/94
p-Dichlorobenzene		EPA-602	<1000	ug/l	PB	10/11/94
m-Dichlorobenzene		EPA-602	<1000	ug/l	PB	10/11/94
o-Dichlorobenzene		EPA-602	<1000	ug/l	PB	10/11/94
Xylenes		EPA-602	<1000	ug/l	PB	10/11/94
PCB-1016		EPA-608	<2.5	ug/l	KS-PCB-P36	10/10/94
PCB-1221		EPA-608	<2.5	ug/l	KS-PCB-P36	10/10/94
PCB-1232		EPA-608	<2.5	ug/l	KS-PCB-P36	10/10/94
PCB-1242		EPA-608	10.1	ug/l	KS-PCB-P36	10/10/94
PCB-1248		EPA-608	<2.5	ug/l	KS-PCB-P36	10/10/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: IF101094 Date sample received: 10/10/94
AES sample #: 941010 T01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1254		EPA-608	<2.5	ug/l	KS-PCB-P36	10/10/94
PCB-1260		EPA-608	<2.5	ug/l	KS-PCB-P36	10/10/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: EF101094 Date sample received: 10/10/94
AES sample #: 941010 T02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/11/94
Bromomethane	EPA-601	<1	ug/l	PB	10/11/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/11/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/11/94
Chloroethane	EPA-601	<1	ug/l	PB	10/11/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/11/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/11/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/11/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/11/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/11/94
Chloroform	EPA-601	<1	ug/l	PB	10/11/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/11/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/11/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/11/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/11/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/11/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/11/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/11/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/11/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/11/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: EF101094 Date sample received: 10/10/94
AES sample #: 941010 T02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/11/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/11/94
Bromoform	EPA-601	<1	ug/l	PB	10/11/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/11/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/11/94
Benzene	EPA-602	<1	ug/l	PB	10/11/94
Toluene	EPA-602	<1	ug/l	PB	10/11/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/11/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/11/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/11/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/11/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/11/94
Xylenes	EPA-602	<1	ug/l	PB	10/11/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: AC101094 Date sample received: 10/10/94
AES sample #: 941010 T03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94
PCB-1221		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94
PCB-1232		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94
PCB-1242		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94
PCB-1248		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94
PCB-1254		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94
PCB-1260		EPA-608	<0.065	ug/l	KS-PCB-P36	10/10/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: TB101094 Date sample received: 10/10/94
AES sample #: 941010 T04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/11/94
Bromomethane	EPA-601	<1	ug/l	PB	10/11/94
Dichlorcdifluoromethane	EPA-601	<1	ug/l	PB	10/11/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/11/94
Chloroethane	EPA-601	<1	ug/l	PB	10/11/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/11/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/11/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/11/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/11/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/11/94
Chloroform	EPA-601	<1	ug/l	PB	10/11/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/11/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/11/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/11/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/11/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/11/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/11/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/11/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/11/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/11/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/10/94
CLIENT'S SAMPLE ID: TB101094 Date sample received: 10/10/94
AES sample #: 941010 T04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/11/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/11/94
Bromoform	EPA-601	<1	ug/l	PB	10/11/94
1,1,2,2-Tetrachloroethane	EPA-601	1	ug/l	PB	10/11/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/11/94
Benzene	EPA-602	<1	ug/l	PB	10/11/94
Toluene	EPA-602	<1	ug/l	PB	10/11/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/11/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/11/94
p-Dichlorobenzene	EPA-602	2	ug/l	PB	10/11/94
m-Dichlorobenzene	EPA-602	1	ug/l	PB	10/11/94
o-Dichlorobenzene	EPA-602	2	ug/l	PB	10/11/94
Xylenes	EPA-602	<1	ug/l	PB	10/11/94

APPROVED BY:
Report date: 12/01/94

Fax results to Wayne DeCarr @ (518) 792-0381

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee Inc.	Moreau Site	Wayne K. DeCarr
ADDRESS 6723 Towpath Rd. Syracuse N.Y. 13214	**PO NUMBER** 100.09.22	**SAMPLERS: (Signature)** Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
T01	IF 101094	10/10/94	1255	A P	water		X	3	VOC's By USEPA 8010&602
T02	EF 101094	"	1250	A P	"		X	3	" "
T04	TB 101094	↓	—	A P	↓		X	1	↓ ↓
T01	IF 101094	10/10/94	1255	A P	water		X	1	PCB's By USEPA 608
T05	AC 101094	↓	1245	A P	↓		X	1	↓ ↓
T01	IF 101094	10/10/94	1255	A P	water		X	1	Al & Zn By USEPA 200.7
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Turnaround Time: 24 Hr

Laboratory Approval:

Relinquished by: (Signature) Wayne K. DeCarr	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:**	**Date/Time** 10/10/94 1:31

Method of Shipment: Rapid Delivery Services	**Send Report To:** Donald F. Sauda	**Client Phone No.:** Fax (315) 445-9161 Phone (315) 446-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/12/94
Number of samples analyzed: 3
AES Project ID: 941011 O
Invoice #: 143077

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/11/94
CLIENT'S SAMPLE ID: AMEF101194 Date sample received: 10/11/94
AES sample #: 941011 001 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/12/94
Bromomethane	EPA-601	<1	ug/l	PB	10/12/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/12/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/12/94
Chloroethane	EPA-601	<1	ug/l	PB	10/12/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/12/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/12/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/12/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/12/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/12/94
Chloroform	EPA-601	<1	ug/l	PB	10/12/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/12/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/12/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/12/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/12/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/12/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/12/94
Trichloroethylene	EPA-601	4	ug/l	PB	10/12/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/12/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/12/94

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/11/94
CLIENT'S SAMPLE ID: AMEF101194 Date sample received: 10/11/94
AES sample #: 941011 001 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1	ug/l	PB	10/12/94
2-Chloroethylvinylether		EPA-601	<1	ug/l	PB	10/12/94
Bromoform		EPA-601	<1	ug/l	PB	10/12/94
1,1,2,2-Tetrachloroethane		EPA-601	<1	ug/l	PB	10/12/94
Tetrachloroethylene		EPA-601	<1	ug/l	PB	10/12/94
Benzene		EPA-602	<1	ug/l	PB	10/12/94
Toluene		EPA-602	<1	ug/l	PB	10/12/94
Ethylbenzene		EPA-602	<1	ug/l	PB	10/12/94
Chlorobenzene		EPA-602	<1	ug/l	PB	10/12/94
p-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/12/94
m-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/12/94
o-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/12/94
Xylenes		EPA-602	<1	ug/l	PB	10/12/94

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/11/94
CLIENT'S SAMPLE ID: T1101194 Date sample received: 10/11/94
AES sample #: 941011 002 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/12/94
Bromomethane	EPA-601	<1	ug/l	PB	10/12/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/12/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/12/94
Chloroethane	EPA-601	<1	ug/l	PB	10/12/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/12/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/12/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/12/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/12/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/12/94
Chloroform	EPA-601	<1	ug/l	PB	10/12/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/12/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/12/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/12/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/12/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/12/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/12/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/12/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/12/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/12/94

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/11/94
CLIENT'S SAMPLE ID: T1101194 Date sample received: 10/11/94
AES sample #: 941011 002 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/12/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/12/94
Bromoform	EPA-601	<1	ug/l	PB	10/12/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/12/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/12/94
Benzene	EPA-602	<1	ug/l	PB	10/12/94
Toluene	EPA-602	<1	ug/l	PB	10/12/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/12/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
Xylenes	EPA-602	<1	ug/l	PB	10/12/94

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/11/94
CLIENT'S SAMPLE ID: TB101194 Date sample received: 10/11/94
AES sample #: 941011 003 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/12/94
Bromomethane	EPA-601	<1	ug/l	PB	10/12/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/12/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/12/94
Chloroethane	EPA-601	<1	ug/l	PB	10/12/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/12/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/12/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/12/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/12/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/12/94
Chloroform	EPA-601	<1	ug/l	PB	10/12/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/12/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/12/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/12/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/12/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/12/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/12/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/12/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/12/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/12/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/11/94
CLIENT'S SAMPLE ID: TB101194 Date sample received: 10/11/94
AES sample #: 941011 003 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/12/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/12/94
Bromoform	EPA-601	<1	ug/l	PB	10/12/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/12/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/12/94
Benzene	EPA-602	<1	ug/l	PB	10/12/94
Toluene	EPA-602	<1	ug/l	PB	10/12/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/12/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/12/94
Xylenes	EPA-602	<1	ug/l	PB	10/12/94

APPROVED BY:
Report date: 10/12/94

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

(518) 702-[illegible]

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee	Moreau Site	Wayne K. DeCarr
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
6723 Towpath Rd Syracuse N.Y.	100.09.22	Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
94011 C01	AMEF101194	10/11/94	920	A P	water		X	2	VOCs + TICs EPA 601 & 602
C02	TI101194	"	1030	A P	"		X	2	" "
C03	TB101194	↓	—	A P	↓		X	1	↓ ↓
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Turnaround Time: 24Hrs

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Wayne DeCarr		10/11/94 11:00 A.M.
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
			10/11/94 1:25

Method of Shipment:	Send Report To:	Client Phone No.:
Rapid Delivery Systems	Donald F. Scuda	(315) 446-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 10/13/94
Number of samples analyzed: 8
AES Project ID: 941012 O
Invoice #: 143126

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: IF101294 Date sample received: 10/12/94
AES sample #: 941012 001 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	JW-I-1D-24	10/13/94
Zinc	EPA-200.7	0.01	mg/l	JW-I-1D-24	10/13/94
PCB-1016	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1221	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1232	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1242	EPA-608	8.6	ug/l	KF-PCB-P38	10/12/94
PCB-1248	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1254	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1260	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: XA101294 Date sample received: 10/12/94
AES sample #: 941012 002 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	JW-I-1D-24	10/13/94
Zinc	EPA-200.7	<0.01	mg/l	JW-I-1D-24	10/13/94
PCB-1016	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1221	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1232	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1242	EPA-608	9.2	ug/l	KF-PCB-P38	10/12/94
PCB-1248	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1254	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1260	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: EF101294 Date sample received: 10/12/94
AES sample #: 941012 003 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	JW-I-1D-24	10/13/94
Zinc	EPA-200.7	<0.01	mg/l	JW-I-1D-24	10/13/94
PCB-1016	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1221	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1232	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1242	EPA-608	2.8	ug/l	KF-PCB-P38	10/12/94
PCB-1248	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1254	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1260	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
Chloromethane	EPA-601	<1	ug/l	PB	10/13/94
Bromomethane	EPA-601	<1	ug/l	PB	10/13/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/13/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/13/94
Chloroethane	EPA-601	<1	ug/l	PB	10/13/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/13/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
Chloroform	EPA-601	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: EF101294 Date sample received: 10/12/94
AES sample #: 941012 003 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/13/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/13/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
Trichloroethylene	EPA-601	5	ug/l	PB	10/13/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/13/94
Bromoform	EPA-601	<1	ug/l	PB	10/13/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/13/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Benzene	EPA-602	<1	ug/l	PB	10/13/94
Toluene	EPA-602	<1	ug/l	PB	10/13/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/13/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: EF101294 Date sample received: 10/12/94
AES sample #: 941012 003 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
o-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/13/94
Xylenes		EPA-602	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: XB101294 Date sample received: 10/12/94
AES sample #: 941012 004 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Aluminum	EPA-200.7	<0.1	mg/l	JW-I-1D-24	10/13/94
Zinc	EPA-200.7	<0.01	mg/l	JW-I-1D-24	10/13/94
PCB-1016	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1221	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1232	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1242	EPA-608	2.6	ug/l	KF-PCB-P38	10/12/94
PCB-1248	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1254	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94
PCB-1260	EPA-608	<1	ug/l	KF-PCB-P38	10/12/94

Adirondack Environmental Services, Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: AC101294 Date sample received: 10/12/94
AES sample #: 941012 005 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1016	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
PCB-1221	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
PCB-1232	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
PCB-1242	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
PCB-1248	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
PCB-1254	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
PCB-1260	EPA-608	<0.065	ug/l	KF-PCB-P38	10/12/94
Chloromethane	EPA-601	<1	ug/l	PB	10/13/94
Bromomethane	EPA-601	<1	ug/l	PB	10/13/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/13/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/13/94
Chloroethane	EPA-601	<1	ug/l	PB	10/13/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/13/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
Chloroform	EPA-601	<1	ug/l	PB	10/13/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: AC101294 Date sample received: 10/12/94
AES sample #: 941012 005 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/13/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/13/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/13/94
Bromoform	EPA-601	<1	ug/l	PB	10/13/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/13/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Benzene	EPA-602	<1	ug/l	PB	10/13/94
Toluene	EPA-602	<1	ug/l	PB	10/13/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/13/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
Xylenes	EPA-602	<1	ug/l	PB	10/13/94

Adirondack Environmental Services inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: T2101294 Date sample received: 10/12/94
AES sample #: 941012 006 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/13/94
Bromomethane	EPA-601	<1	ug/l	PB	10/13/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/13/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/13/94
Chloroethane	EPA-601	<1	ug/l	PB	10/13/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/13/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
Chloroform	EPA-601	<1	ug/l	PB	10/13/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/13/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/13/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: T2101294 Date sample received: 10/12/94
AES sample #: 941012 006 Samples taken by: Wayne DeCarr Location: Moreau Site grab
MATRIX: water

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/13/94
Bromoform	EPA-601	<1	ug/l	PB	10/13/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/13/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Benzene	EPA-602	<1	ug/l	PB	10/13/94
Toluene	EPA-602	<1	ug/l	PB	10/13/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/13/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
Xylenes	EPA-602	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: 2D101294 Date sample received: 10/12/94
AES sample #: 941012 007 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/13/94
Bromomethane	EPA-601	<1	ug/l	PB	10/13/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/13/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/13/94
Chloroethane	EPA-601	<1	ug/l	PB	10/13/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/13/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
Chloroform	EPA-601	<1	ug/l	PB	10/13/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/13/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/13/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94

Adirondack Environmental Services Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: 2D101294 Date sample received: 10/12/94
AES sample #: 941012 007 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/13/94
Bromoform	EPA-601	<1	ug/l	PB	10/13/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/13/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Benzene	EPA-602	<1	ug/l	PB	10/13/94
Toluene	EPA-602	<1	ug/l	PB	10/13/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/13/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
Xylenes	EPA-602	<1	ug/l	PB	10/13/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: TB101294 Date sample received: 10/12/94
AES sample #: 941012 008 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/13/94
Bromomethane	EPA-601	<1	ug/l	PB	10/13/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/13/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/13/94
Chloroethane	EPA-601	<1	ug/l	PB	10/13/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/13/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/13/94
Chloroform	EPA-601	<1	ug/l	PB	10/13/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/13/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/13/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/13/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/13/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/12/94
CLIENT'S SAMPLE ID: TB101294 Date sample received: 10/12/94
AES sample #: 941012 008 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/13/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/13/94
Bromoform	EPA-601	<1	ug/l	PB	10/13/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/13/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/13/94
Benzene	EPA-602	<1	ug/l	PB	10/13/94
Toluene	EPA-602	<1	ug/l	PB	10/13/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/13/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/13/94
Xylenes	EPA-602	<1	ug/l	PB	10/13/94

APPROVED BY:
Report date: 10/13/94

Fax Results to Wayne DeCarr
at (518) 792-0381

Pg 1 of 2

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee	Moreau Site	Wayne K. DeCarr
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
6723 Towpath Rd. Syracuse N.Y. 13214	100.09.22	Wayne K DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
-002	EF101294	10/12/94	835	A/P	water		X	2	VOC's by USEPA 601/602
-005	AC101294	"	830	A/P	"		X	2	"
-006	TZ101294	"	845	A/P	"		X	2	"
-007	ZD101294	"	XX	A/P	"		X	3	"
-008	TB101294	"	—	A/P	"		X	1	"
24102-001	IF101294	10/12/94	840	A/P	water		X	1	PCB's by USEPA 608
-004	XA101294	"	XX	A/P	"		X	1	"
-009	EF101294	"	835	A/P	"		X	1	"
-004	XB101294	"	XX	A/P	"		X	1	"
-010	AC101294	"	830	A/P	"		X	1	"
-011	IF101294	"	840	A/P	"		X	1	Al, Zn by USEPA 200.7
-003	XA101294	"	XX	A/P	"		X	1	"
-003	EF101294	"	835	A/P	"		X	1	"

Turnaround Time: 24 Hrs

Laboratory Approval:

Relinquished by: (Signature) Wayne DeCarr	**Received by:** (Signature)	**Date/Time** 10/12/94 | 1100
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** **Date/Time** 10/12 | 12:30
Method of Shipment: Rapid Delivery Systems	**Send Report To:** Donald F. Sauda	**Client Phone No.:** (315) 446-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Fax results to Wayne DeCarr at (518)792-0331

Pg 2 of 2

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland, Bouck & Lee	Moreau Site	Wayne K. DeCarr
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
6723 Towpath Rd, Syr. N.Y. 13214	100.09.22	Wayne K. DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
-014	XB101294	10/12/94	XX A P	water		X	1	Al & Zn by USEPA 200.7
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

Turnaround Time: 24 Hrs

Laboratory Approval:

Relinquished by: (Signature) Wayne DeCarr	**Received by:** (Signature)	**Date/Time** 10/12/94 1115
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**

Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:**	**Date/Time** 10/12 | 12:20
Method of Shipment: Rapid Delivery Systems	**Send Report To:** Donald F. Sauda		**Client Phone No.:** (315) 441-9120

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

LABORATORY REPORT

for

Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, NY 13214

Attention: Donald Sauda

Purchase Order #: 100.09.22

Report date: 12/02/94
Number of samples analyzed: 6
AES Project ID: 941013 Q
Invoice #: 143163

ELAP ID#: 10709

AIHA ID#: 12144-001

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: IF101394 Date sample received: 10/13/94
AES sample #: 941013 Q01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Sulfate	EPA-375.4	35.8	mg/l	SW-I-19	10/18/94
Nitrate-N	EPA-353.1	9.1	mg/l	FM-A	10/18/94
Nitrite-N	EPA-354.1	0.18	mg/l	FM-L-12	10/14/94
Total Organic Carbon	EPA-415.1	2.3	mg/l	SZ-C-40	10/21/94
Total Kjeldahl Nitrogen-N	EPA-351.3	<1	mg/l	LS-E-33	10/25/94
Alkalinity, as CaCO3	EPA-310.1	90	mg/l	LS-F-39	10/25/94
Arsenic	EPA-206.2	<0.005	mg/l	WC-GCG-103	10/18/94
Cadmium	EPA-200.7	<0.005	mg/l	WC-I-1D-28	10/19/94
Chromium	EPA-200.7	<0.005	mg/l	WC-I-1D-28	10/19/94
Beryllium	EPA-200.7	<0.005	mg/l	WC-I-1D-28	10/19/94
Copper	EPA-200.7	0.07	mg/l	WC-I-1D-28	10/19/94
Zinc	EPA-200.7	<0.005	mg/l	WC-I-1D-28	10/19/94
Thallium	EPA-279.2	<0.01	mg/l	WC-GLE-49	10/18/94
Silver	EPA-200.7	<0.02	mg/l	WC-I-1D-28	10/19/94
Selenium	EPA-270.2	<0.005	mg/l	WC-GLE-49	10/18/94
Nickel	EPA-200.7	<0.05	mg/l	WC-I-1D-28	10/19/94
Mercury	EPA-245.1	<0.0004	mg/l	BS-PSF-19	10/25/94
Lead	EPA-239.2	0.005	mg/l	WC-GCG-102	10/18/94
Antimony	EPA-200.7	<0.06	mg/l	WC-I-1D-28	10/19/94
Sodium	EPA-200.7	8.2	mg/l	WC-I-1D-28	10/19/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: IF101394 Date sample received: 10/13/94
AES sample #: 941013 Q01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB	10/14/94
Bromomethane	EPA-601	<1000	ug/l	PB	10/14/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB	10/14/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB	10/14/94
Chloroethane	EPA-601	<1000	ug/l	PB	10/14/94
Methylene Chloride	EPA-601	<1000	ug/l	PB	10/14/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB	10/14/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB	10/14/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB	10/14/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB	10/14/94
Chloroform	EPA-601	<1000	ug/l	PB	10/14/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB	10/14/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB	10/14/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB	10/14/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB	10/14/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB	10/14/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/14/94
Trichloroethylene	EPA-601	29,000	ug/l	PB	10/14/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB	10/14/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: IF101394 Date sample received: 10/13/94
AES sample #: 941013 Q01 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/14/94
2-Chloroethylvinylether	EPA-601	<1000	ug/l	PB	10/14/94
Bromoform	EPA-601	<1000	ug/l	PB	10/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<1000	ug/l	PB	10/14/94
Tetrachloroethylene	EPA-601	<1000	ug/l	PB	10/14/94
Benzene	EPA-602	<1000	ug/l	PB	10/14/94
Toluene	EPA-602	<1000	ug/l	PB	10/14/94
Ethylbenzene	EPA-602	<1000	ug/l	PB	10/14/94
Chlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
p-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
m-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
o-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
Xylenes	EPA-602	<1000	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: XA101394 Date sample received: 10/13/94
AES sample #: 941013 Q02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1000	ug/l	PB	10/14/94
Bromomethane	EPA-601	<1000	ug/l	PB	10/14/94
Dichlorodifluoromethane	EPA-601	<1000	ug/l	PB	10/14/94
Vinyl Chloride	EPA-601	<1000	ug/l	PB	10/14/94
Chloroethane	EPA-601	<1000	ug/l	PB	10/14/94
Methylene Chloride	EPA-601	<1000	ug/l	PB	10/14/94
Trichloroflouromethane	EPA-601	<1000	ug/l	PB	10/14/94
1,1 Dichloroethene	EPA-601	<1000	ug/l	PB	10/14/94
1,1 Dichloroethane	EPA-601	<1000	ug/l	PB	10/14/94
t-1,2-Dichloroethene	EPA-601	<1000	ug/l	PB	10/14/94
Chloroform	EPA-601	<1000	ug/l	PB	10/14/94
1,2 Dichloroethane	EPA-601	<1000	ug/l	PB	10/14/94
1,1,1 Trichloroethane	EPA-601	<1000	ug/l	PB	10/14/94
Carbon Tetrachloride	EPA-601	<1000	ug/l	PB	10/14/94
Bromodichloromethane	EPA-601	<1000	ug/l	PB	10/14/94
1,2-Dichloropropane	EPA-601	<1000	ug/l	PB	10/14/94
t-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/14/94
Trichloroethylene	EPA-601	28,000	ug/l	PB	10/14/94
Dibromochloromethane	EPA-601	<1000	ug/l	PB	10/14/94
1,1,2-Trichloroethane	EPA-601	<1000	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: XA101394 Date sample received: 10/13/94
AES sample #: 941013 Q02 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1000	ug/l	PB	10/14/94
2-Chloroethylvinylether	EPA-601	<1000	ug/l	PB	10/14/94
Bromoform	EPA-601	<1000	ug/l	PB	10/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<1000	ug/l	PB	10/14/94
Tetrachloroethylene	EPA-601	<1000	ug/l	PB	10/14/94
Benzene	EPA-602	<1000	ug/l	PB	10/14/94
Toluene	EPA-602	<1000	ug/l	PB	10/14/94
Ethylbenzene	EPA-602	<1000	ug/l	PB	10/14/94
Chlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
p-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
m-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
o-Dichlorobenzene	EPA-602	<1000	ug/l	PB	10/14/94
Xylenes	EPA-602	<1000	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: EF101394 Date sample received: 10/13/94
AES sample #: 941013 Q03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/14/94
Bromomethane	EPA-601	<1	ug/l	PB	10/14/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/14/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/14/94
Chloroethane	EPA-601	<1	ug/l	PB	10/14/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/14/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/14/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/14/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/14/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/14/94
Chloroform	EPA-601	<1	ug/l	PB	10/14/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/14/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/14/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/14/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/14/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/14/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/14/94
Trichloroethylene	EPA-601	2	ug/l	PB	10/14/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/14/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: EF101394 Date sample received: 10/13/94
AES sample #: 941013 Q03 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/14/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/14/94
Bromoform	EPA-601	<1	ug/l	PB	10/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/14/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/14/94
Benzene	EPA-602	<1	ug/l	PB	10/14/94
Toluene	EPA-602	<1	ug/l	PB	10/14/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/14/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
Xylenes	EPA-602	<1	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: XB101394 Date sample received: 10/13/94
AES sample #: 941013 Q04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/17/94
Bromomethane	EPA-601	<1	ug/l	PB	10/17/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/17/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/17/94
Chloroethane	EPA-601	<1	ug/l	PB	10/17/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/17/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/17/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/17/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/17/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/17/94
Chloroform	EPA-601	<1	ug/l	PB	10/17/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/17/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/17/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/17/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/17/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/17/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/17/94
Trichloroethylene	EPA-601	2	ug/l	PB	10/17/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/17/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/17/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: XB101394 Date sample received: 10/13/94
AES sample #: 941013 Q04 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/17/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/17/94
Bromoform	EPA-601	<1	ug/l	PB	10/17/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/17/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/17/94
Benzene	EPA-602	<1	ug/l	PB	10/17/94
Toluene	EPA-602	<1	ug/l	PB	10/17/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/17/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/17/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/17/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/17/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/17/94
Xylenes	EPA-602	<1	ug/l	PB	10/17/94

Adirondack Environmental Services Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: T4101394 Date sample received: 10/13/94
AES sample #: 941013 Q05 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/14/94
Bromomethane	EPA-601	<1	ug/l	PB	10/14/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/14/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/14/94
Chloroethane	EPA-601	<1	ug/l	PB	10/14/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/14/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/14/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/14/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/14/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/14/94
Chloroform	EPA-601	<1	ug/l	PB	10/14/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/14/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/14/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/14/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/14/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/14/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/14/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/14/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/14/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.
A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: T4101394 Date sample received: 10/13/94
AES sample #: 941013 Q05 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/14/94
2-Chloroethylvinylether	EPA-601	<1	ug/l	PB	10/14/94
Bromoform	EPA-601	<1	ug/l	PB	10/14/94
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	PB	10/14/94
Tetrachloroethylene	EPA-601	<1	ug/l	PB	10/14/94
Benzene	EPA-602	<1	ug/l	PB	10/14/94
Toluene	EPA-602	<1	ug/l	PB	10/14/94
Ethylbenzene	EPA-602	<1	ug/l	PB	10/14/94
Chlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
p-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
m-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
o-Dichlorobenzene	EPA-602	<1	ug/l	PB	10/14/94
Xylenes	EPA-602	<1	ug/l	PB	10/14/94

Adirondack Environmental Services inc

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: TB101394 Date sample received: 10/13/94
AES sample #: 941013 Q06 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	PB	10/14/94
Bromomethane	EPA-601	<1	ug/l	PB	10/14/94
Dichlorodifluoromethane	EPA-601	<1	ug/l	PB	10/14/94
Vinyl Chloride	EPA-601	<1	ug/l	PB	10/14/94
Chloroethane	EPA-601	<1	ug/l	PB	10/14/94
Methylene Chloride	EPA-601	<1	ug/l	PB	10/14/94
Trichloroflouromethane	EPA-601	<1	ug/l	PB	10/14/94
1,1 Dichloroethene	EPA-601	<1	ug/l	PB	10/14/94
1,1 Dichloroethane	EPA-601	<1	ug/l	PB	10/14/94
t-1,2-Dichloroethene	EPA-601	<1	ug/l	PB	10/14/94
Chloroform	EPA-601	<1	ug/l	PB	10/14/94
1,2 Dichloroethane	EPA-601	<1	ug/l	PB	10/14/94
1,1,1 Trichloroethane	EPA-601	<1	ug/l	PB	10/14/94
Carbon Tetrachloride	EPA-601	<1	ug/l	PB	10/14/94
Bromodichloromethane	EPA-601	<1	ug/l	PB	10/14/94
1,2-Dichloropropane	EPA-601	<1	ug/l	PB	10/14/94
t-1,3-Dichloropropene	EPA-601	<1	ug/l	PB	10/14/94
Trichloroethylene	EPA-601	<1	ug/l	PB	10/14/94
Dibromochloromethane	EPA-601	<1	ug/l	PB	10/14/94
1,1,2-Trichloroethane	EPA-601	<1	ug/l	PB	10/14/94

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: Blasland, Bouck & Lee, Inc. Date Sampled: 10/13/94
CLIENT'S SAMPLE ID: TB101394 Date sample received: 10/13/94
AES sample #: 941013 Q06 Samples taken by: Wayne DeCarr Location: Moreau Site
MATRIX: water grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-601	<1	ug/l	PB	10/14/94
2-Chloroethylvinylether		EPA-601	<1	ug/l	PB	10/14/94
Bromoform		EPA-601	<1	ug/l	PB	10/14/94
1,1,2,2-Tetrachloroethane		EPA-601	<1	ug/l	PB	10/14/94
Tetrachloroethylene		EPA-601	<1	ug/l	PB	10/14/94
Benzene		EPA-602	<1	ug/l	PB	10/14/94
Toluene		EPA-602	<1	ug/l	PB	10/14/94
Ethylbenzene		EPA-602	<1	ug/l	PB	10/14/94
Chlorobenzene		EPA-602	<1	ug/l	PB	10/14/94
p-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/14/94
m-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/14/94
o-Dichlorobenzene		EPA-602	<1	ug/l	PB	10/14/94
Xylenes		EPA-602	<1	ug/l	PB	10/14/94

APPROVED BY: _____
Report date: 12/02/94

Fax Results To [illegible]
315-449-0017

Adirondack Environmental Services, Inc.

314 North Pearl Street
Albany, New York 12207
518-434-4546 / 434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF COSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
Blasland Bouck & Lee	Marcy Site	Warren K DeCair
ADDRESS	PO NUMBER	SAMPLERS: (Signature)
6723 Towpath Rd [illegible] NY 13214	100.09.22	Warren K DeCarr

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
[illegible] 301	IF101394	10/13/94	900	A	water		X	3	VOC's [illegible]
302	XA101394	|	XX	A	|		X	3	|
303	EF101394	|	850	A	|		X	3	|
304	XB101394	|	XX	A	|		X	3	|
305	T4101394	|	910	A	|		X	3	|
306	TB101394	↓	—	A	↓		X	|	↓
301	IF101394	10/13/94	900	A	water		X	1	[illegible] Pollutant Plant [illegible] Sampling, [illegible] [illegible] - TKN [illegible] [illegible]
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Turnaround Time:	Laboratory Approval:
24 Hr for VOC'S, 14 Day for others	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Warren K. DeCarr	[illegible]	10/13/94 [illegible]
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		[illegible]	10/13/94 [illegible]

Method of Shipment:	Send Report To:	Client Phone No.:
Pick Up By Adirondack Environmental Services	Donald Smith - BB&L	(315)446-2120

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.

Attachment 3

Summary of Changes to Approved Documents

Item	Description of Change	Reason for Change
1	Relocate utility pole at bend in gravel access road 28 feet northwest of the location shown	To place pole outside the New York State Department of Environmental Conservation's permanent easement
2	Change two loading pumps to Goulds Pumps Model 3656, Group M, 4 x 5- 8	Supplier put new pump on market that better fits performance requirements
3	Change recycle pumps and transfer pump from three phase to single phase	To match electrical supply
4	Extend loading rack gangway by 1-foot	To allow more clearance between security fence and tanker trucks
5	Change storage tank resin from Premium Isophthalic to Atlac 400	Inconsequential change proposed by Contractor
6	Change storage tank vent from U-style to mushroom style	Inconsequential change proposed by Contractor
7	Change lightning arrestor conductors to connect to steel bolt through containment wall rather than cable running up and over wall	To meet code requirements
8	Replace rolling overhead door with a sectional overhead door	To meet ceiling clearance requirements
9	Relocate one internal building light fixture	To accommodate sectional overhead door
10	Use prefabricated metal frame enclosure in lieu of wood frame	To expediate construction schedule
11	Widen enclosure containment curb from 6 inches to 8 inches	To accommodate prefabricated metal frame enclosure
12	Raise elevation of enclosure containment curb and containment area floor slab from EL. 345.0 to EL. 346.0- all other associated elevations (e.g., containment walls, piping, etc.) also raised 1-foot	To enhance surface water drainage away from enclosure and containment area
13	Raise elevation of electrical room floor slab from EL. 345.5 to EL. 346.0	To eliminate 6-inch high step down into room
14	Install woven geotextile and 12½ feet wide by 8 inches thick crushed stone roadway on top of existing access road from end of pavement adjacent to Fort Edward Road to new turnaround/parking area	To minimize potential for dust caused by increased heavy traffic during construction
15	Install double-sided "speed limit 10" signs at the east and west ends of the access road	To help control speed on access road and minimize potential for dust
16	Install seven "Danger - Unauthorized Personnel Keep Out" signs along the perimeter of the security fence	To supplement existing signs and signs to be placed on entrances to enclosure and containment area
17	Modify concrete slump test specification from 3 inches maximum to 8½ inches maximum to reflect use of superplasticizer admixture at a rate of 8-10 ounces per 100 pounds cement in the concrete mix - the Materials and Performance Specifications allow the use of superplasticizer but the slump test specification is based on concrete without any admixtures	To improve the workability of the concrete
18	Change motorized ball valve on recycle pump discharge line to a power "open" solenoid valve	To prevent water flow by gravity from the storage tanks to the air stripper if power is lost while recycle pump is operating
19	Add a ground wire for relief well level probe	To provide ground for control circuit
20	Increase six storage tank concrete pads from 12'-5" square to 13'-0" square	To accommodate bolts for storage tank hold down lugs
21	Use 1/8-inch thick by 13'-0" square fiberglass sheets on six storage tank concrete pads	To expediate construction schedule
22	Slightly alter locations of storage tank concrete pads	To accommodate larger concrete pads
23	Incorporate an expansion loop at mid-point of aboveground transfer pipe from relief well to enclosure	To allow for potential temperature expansion/contraction of PVC containment pipe

Item	Description of Change	Reason for Change
24	Add two bollards adjacent to utility pole closest to turnaround and parking area	To protect utility pole
25	Add 1,200 linear feet of security fence and two, 16-foot wide and one 18-foot wide swing gates	To improve site security and prevent vandalism
26	Rearrange electrical room component configuration	To make each component more accessible
27	Relocate loading pump emergency stop switch from outside the security fence to the top of the containment wall at the base of the loading platform stairway	To make the emergency stop switch accessible from inside and outside of the containment area
28	Rearrange the configuration of the lightning protection grid	To reduce the amount of ground cable and protective PVC conduit located in the containment area walkways
29	Connect computer cabinet electrically with a flexible cable	To allow cabinet to be moved without an electrical disconnection
30	Assemble 4-inch diameter PVC piping in the containment area using glued couplings	To reduce the area required for the piping
31	Relocate the two electrical room lights	To position a light on each side of the exhaust duct
32	Use flexible duct for the electrical room exhaust fan	Inconsequential change proposed by the Contractor
33	Delete wall outlet on east wall of electrical room	The equipment mounted on the east wall took up all available space
34	Use two 5/8-inch thick layers of sheetrock with a polyethylene sheet sandwiched between them to form the electrical room walls	To provide a vapor barrier wall between the electrical room and the rest of the treatment building
35	Change metal building gutters from vinyl to steel	Inconsequential change proposed by the Contractor
36	Change metal building exterior wall panels from 24 gauge to 26 gauge	To avoid a reordering delay due to wrong gauge being delivered to the site
37	Apply non-skid finish during the epoxy coating of the enclosure overhead door ramp	To provide a safer non-skid ramp
38	Change air and vacuum relief valve on the well discharge line to a vacuum relief valve only	To prevent air from entering the well discharge line
39	Use two pressure gauges (one on the blower discharge and one on the air stripper discharge) as opposed to a differential pressure gauge on the air stripper	To provide additional operating information
40	Install wooden enclosure for electrical equipment at relief well RW-1	To protect the equipment from vandalism
41	Install two drain plugs in the outer PVC pipe of the well discharge double containment pipeline	To drain out the water placed in the pipeline during hydrostatic testing
42	Install unauthorized entry alarm for treatment building	To provide additional security for the treatment system
43	Install a fourth tray on the air stripper unit	To improve air stripper performance
44	Install outside air supply duct to the air stripper blower	To improve air stripper performance
45	Install three liquid-phase GAC units on air stripper discharge	To polish air stripper discharge, if necessary
46	Replace three feet of stainless steel exhaust duct on the air stripper discharge with 6 feet of flexible duct	To accommodate the fourth tray for the air stripper
47	Install collection drum on pressure relief valve line of the process air heater boiler	To collect any polypropylene glycol/water mixture that could be discharged from the pressure relief valve line

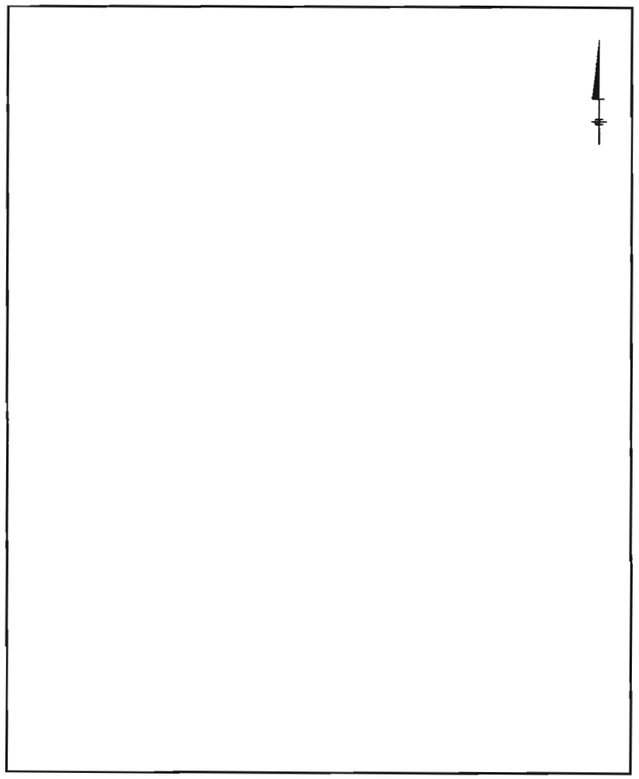
Attachment 4

Record Drawings

RECORD DRAWINGS

MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT

SOUTH GLENS FALLS, NEW YORK



LOCATION MAP
APPROX. SCALE: 1"=2000'

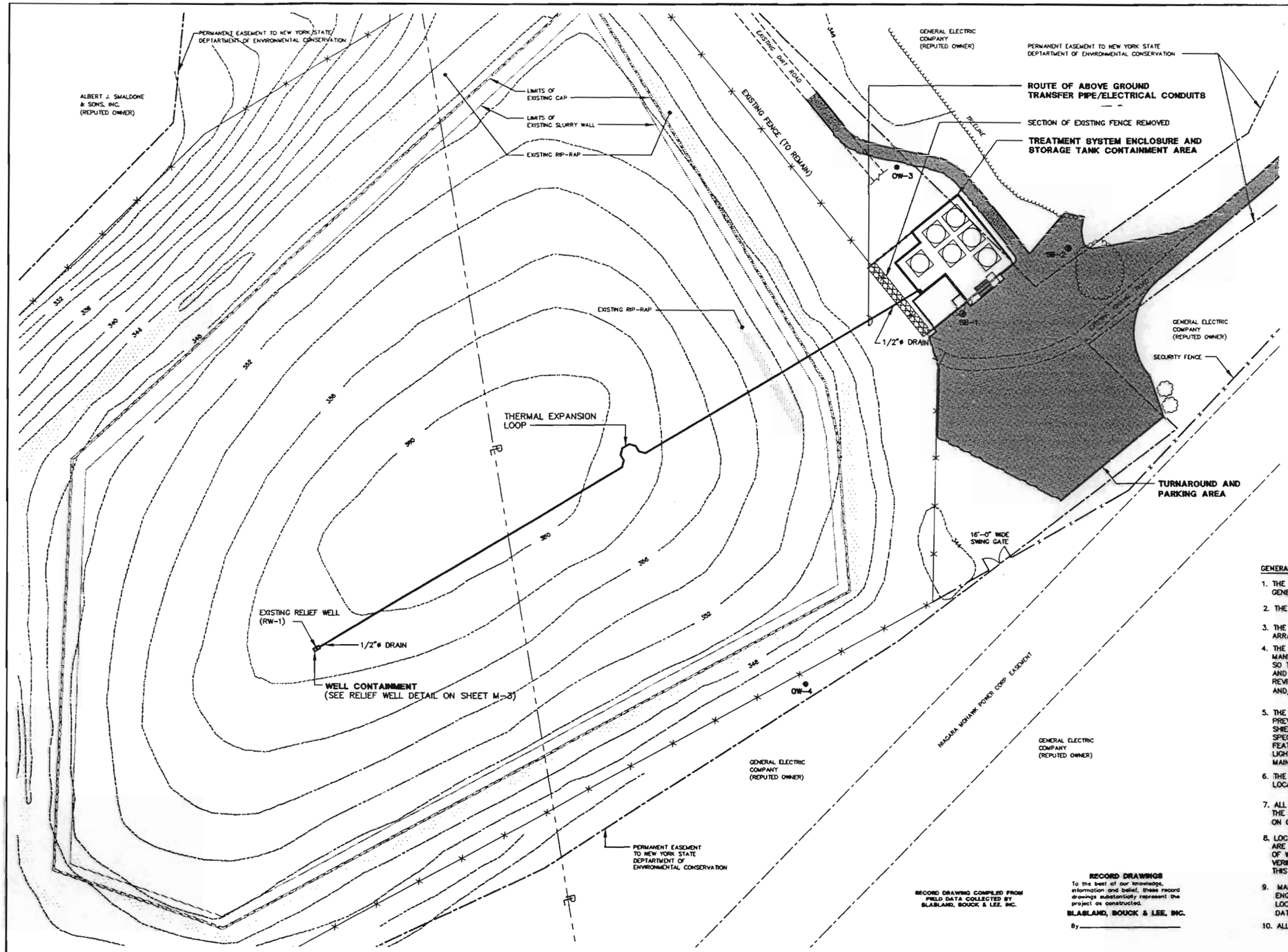
DECEMBER 1994

GENERAL ELECTRIC

ALBANY, NEW YORK

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

INDEX TO DRAWINGS



PARTIAL SITE PLAN

SCALE: 1"=30'

GENERAL NOTES:

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH GENERAL ELECTRIC'S (GE'S) REPRESENTATIVE PRIOR TO COMMENCING ON-SITE ACTIVITIES.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
3. THE CONTRACTOR SHALL PROVIDE ALL LOCAL PERMITS AND MAKE ARRANGEMENTS FOR LOCAL INSPECTIONS (AS NECCESARY).
4. THE CONTRACTOR SHALL INSTALL EQUIPMENT IN NEAT AND WORKMANLIKE MANNER; ALIGN, LEVEL AND ADJUST FOR SATISFACTORY OPERATION; INSTALL SO THAT PARTS ARE EASILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR. DEVIATIONS FROM INDICATED ARRANGEMENTS ARE SUBJECT TO BE REVIEWED AND APPROVED BY GE'S REPRESENTATIVE PRIOR TO INSTALLATION AND/OR OPERATION.
5. THE CONTRACTOR SHALL FURNISH AND PLACE PROPER GUARDS FOR PREVENTION OF ACCIDENTS, PROVIDE ALL TRENCH SHORING, SCAFFOLDING, SHIELDING, DUST/FUME PROTECTION, MECHANICAL/ELECTRICAL PROTECTION, SPECIAL GROUNDING, SAFETY RAILINGS, BARRIERS, OR OTHER SAFETY FEATURES REQUIRED. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT LIGHTS DURING NIGHT HOURS TO SECURE SUCH PROTECTION. THE CONTRACTOR SHALL MAINTAIN ALL SITE TRAFFIC.
6. THE CONTRACTOR SHALL PLACE ALL SPOIL MATERIAL AT AN ON-SITE LOCATION AS DIRECTED BY GE'S REPRESENTATIVE.
7. ALL WORK SHALL BE PERFORMED WITHIN THE PERMENANT EASEMENT OBTAINED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND/OR ON GE'S PROPERTY.
8. LOCATION OF UNDERGROUND UTILITIES AND OTHER UNDERGROUND STRUCTURES ARE APPROXIMATE ONLY. OTHER UNDERGROUND UTILITIES MAY EXIST, THE LOCATION OF WHICH AT THIS TIME ARE PRESENTLY UNKNOWN. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF UTILITIES IN THE FIELD PRIOR TO INITIATING WORK UNDER THIS CONTRACT.
9. MAP INFORMATION TAKEN FROM SITE PLAN RECORD DRAWINGS BY O'BRIEN & GERE ENGINEERS,INC., DATED NOV. 25, 1985, FILE NO. 2289.050-03RD. PROPERTY LINE LOCATIONS TAKEN FROM TOWN OF MOREAU TAX MAP NO. 50.00, DATED MARCH 1, 1989.
10. ALL ELEVATIONS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. G-1, FILE NO. 100.09.01F, DATED: SEPTEMBER 24, 1993)

SCALE 1"=30'-0" (30' 0 30' 60')

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

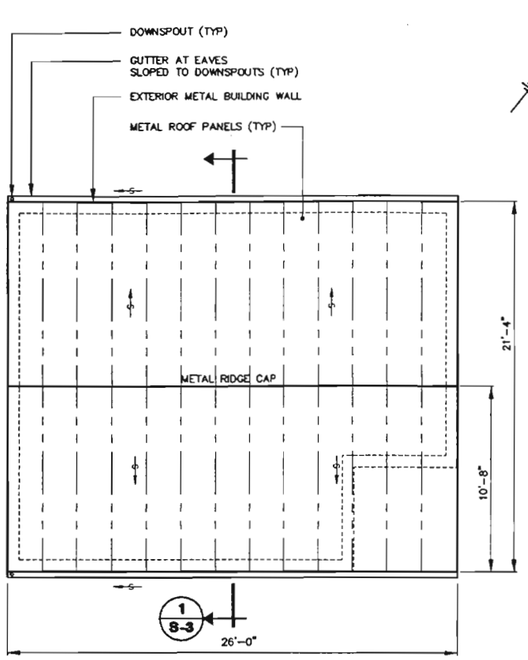
In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK
GENERAL SITE PLAN
GENERAL

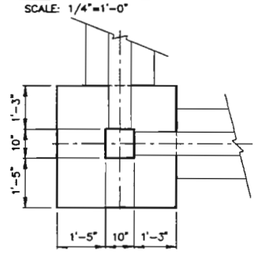
File Number 100.09.70F
Date DECEMBER 1994

G-1

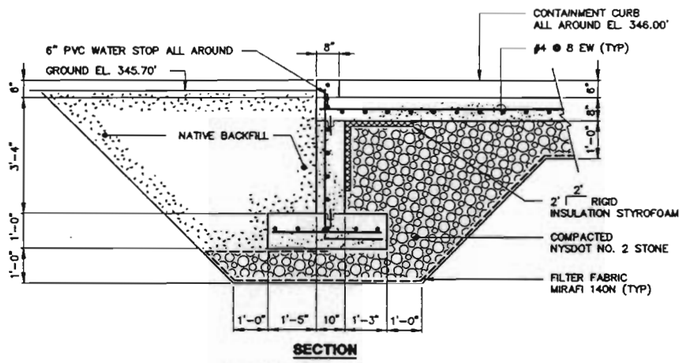


ROOF PLAN

SCALE: 1/4"=1'-0"



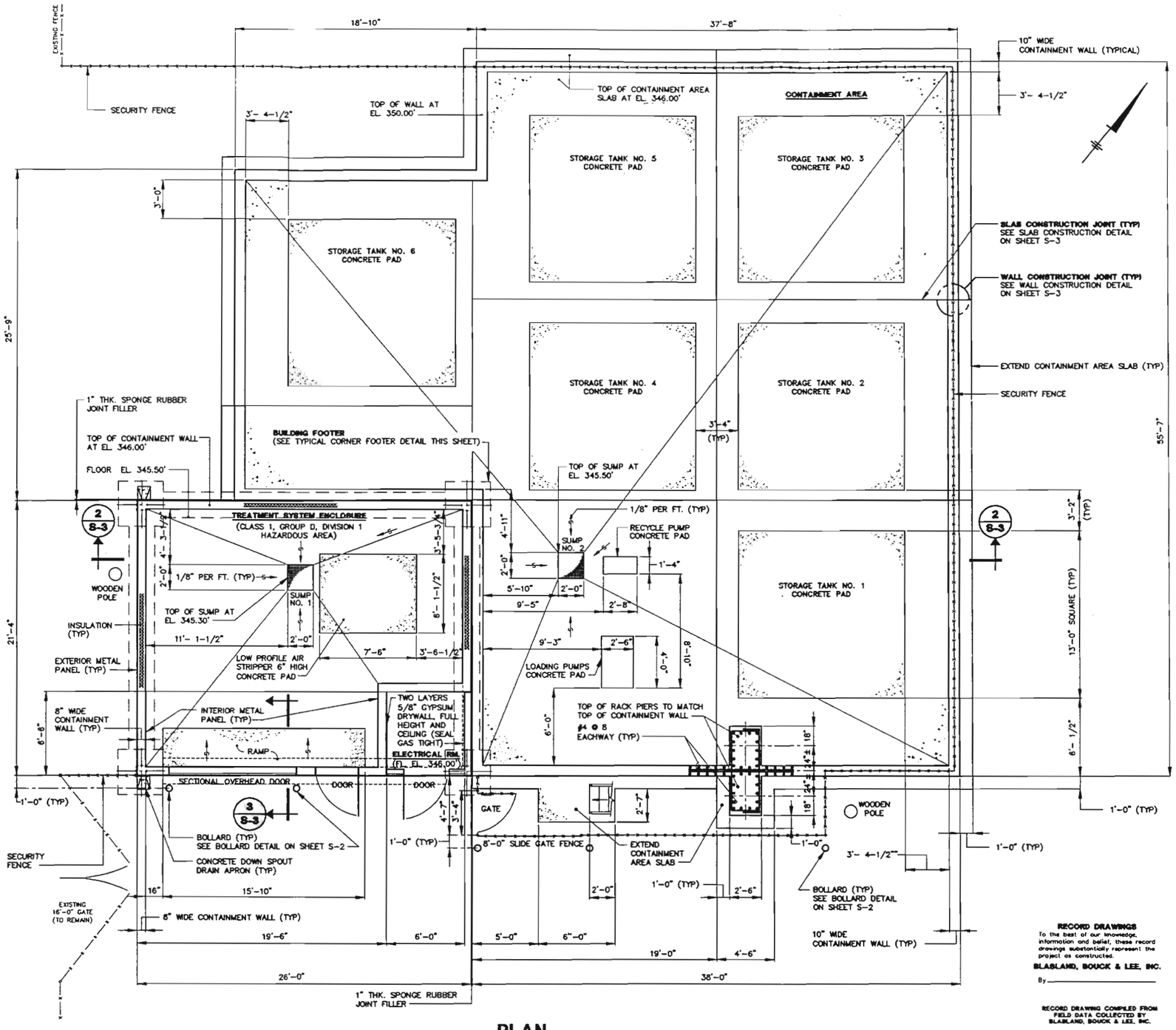
PARTIAL PLAN



SECTION

TYPICAL CORNER FOOTER DETAIL

SCALE: 1/2"=1'-0"



PLAN

SCALE: 1/4"=1'-0"

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. S-1, FILE NO. 100.09.02F, DATED: SEPTEMBER 24, 1993)

SCALE 1/4"=1'-0" (4' 0 4' 8')

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

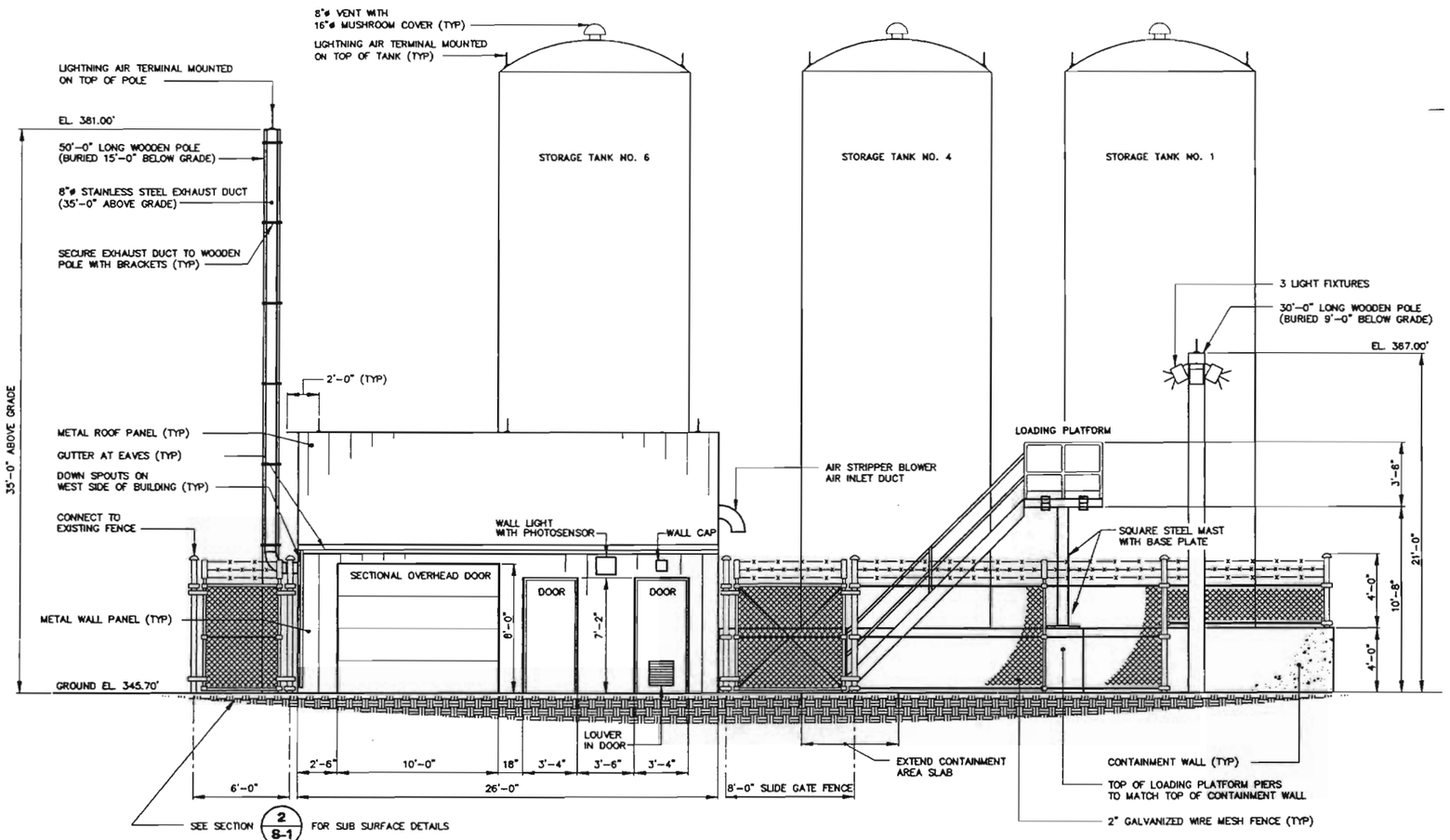
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

STRUCTURAL PLANS

STRUCTURAL

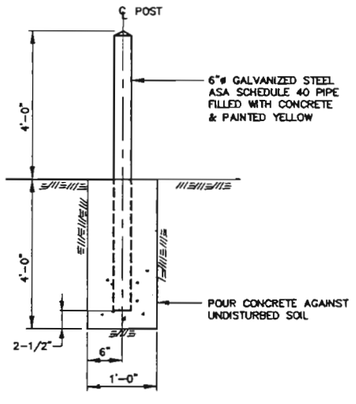
File Number 100.09.71F
Date DECEMBER 1994

S-1



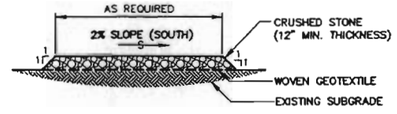
SOUTH ELEVATION

SCALE: 1/4"=1'-0"



BOLLARD DETAIL

NOT TO SCALE



NOTES:

1. ROAD SUBGRADE SHALL BE STRIPPED OF NATIVE VEGITATION TO THE BOTTOM OF ROOT ZONE. THE SUBGRADE WILL THEN BE PROOF ROOLED WITH A SMOOTH DRUM VIBRATORY ROLLER WITH A MINIMUM STATIC WEIGHT OF 10 TONS.
2. AREAS THAT DO NOT PASS PROOF ROLLING WILL BE OVER EXCAVATED AND REPLACED WITH NYSDOT TYPE 2 CRUSHED STONE AS DIRECTED BY GE'S REPRESENTATIVE.
3. WOVEN GEOTEXTILE COMPOSED OF AT LEAST 85% BY WEIGHT POLYOLEFINS, POLYESTERS OR POLYAMIDES WILL BE PLACED OVER THE PROPOSED ROAD SUBGRADE SO THAT IT IS FREE OF FOLDS AND WRINKLES. MINIMUM OVERLAPS BETWEEN ROLLS OF GEOTEXTILE SHALL BE 3 FEET.
4. CRUSHED STONE WILL BE PLACED FROM TRUCKS ONTO EXISTING CRUSHED STONE AND THEN SPREAD ONTO THE GEOTEXTILE WITH A DOZER. UNDER NO CIRCUMSTANCE IS CONSTRUCTION EQUIPMENT TO DRIVE DIRECTLY ON THE GEOTEXTILE OR WITH LESS THAN 6-INCHES OF CRUSHED STONE OVER THE GEOTEXTILE.
5. AFTER COMPLETION OF FINISH GRADING ALL POINTS ON THE ROAD SURFACE SHALL BE ROLLED AT LEAST 4 TIMES WITH A SMOOTH DRUM VIBRATORY ROLLER WITH A MINIMUM STATIC WEIGHT OF AT LEAST 10 TONS.
6. A MINIMUM DISTANCE OF 1 FEET SHALL BE MAINTAINED BETWEEN TURNAROUND / PARKING AREA AND EXISTING FENCE EXCEPT AS DIRECTED BY GE'S REPRESENTATIVE. AT THE EXISTING 8 FEET ENTRANCE GATE, THE CONTRACTOR SHALL MATCH EXISTING GRADE.

TURNAROUND AND PARKING AREA DETAIL

NOT TO SCALE

STRUCTURAL SPECIFICATIONS:

1. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD.
2. STEEL AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-36.
3. THE CONTRACTOR SHALL FURNISH, INSTALL, AND PROTECT ALL NECESSARY ANCHORS AND ATTACHMENT BOLTS, BEARING PLATES, GUIDES, AND ALL OTHER APPURTENANCES NECESSARY FOR INSTALLATION OF EQUIPMENT/DEVICES INCLUDED WITH THE SPECIFIED EQUIPMENT.
4. ALL WELDING SHALL BE PERFORMED BY OPERATORS RECENTLY CERTIFIED IN ACCORDANCE WITH THE STANDARDS OF THE AMERICAN WELDING SOCIETY (AWS) AND ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD CODE OF WELDING IN BUILDING CONSTRUCTION OF AMERICAN WELDING SOCIETY" LASTEST EDITION. WELDING RODS SHALL BE E70XX SERIES. (ELECTRODES SHALL BE SUITABLE FOR THE POSITIONS AND CONDITIONS OF INTENDED USE.)
5. METAL WALL AND ROOF PANELS:
   - A. THE METAL WALL AND ROOF PANEL SYSTEMS SHALL CONFORM TO THEREQUIREMENTS OF THE METAL BUILDING MANUFACTURER'S ASSOCIATION (MBMA), SHALL BE DESIGNED TO RESIST ALL APPLICABLE LOADING CONDITIONS, AND SHALL PROVIDE A WATER TIGHT ENCLOSURE.
   - B. EXTERIOR WALL AND ROOF PANELS SHALL HAVE A MINIMUM GAUGE OF 26. INTERIOR WALL PANELS SHALL HAVE A MINIMUM GAUGE OF 26. ALL PANELS SHALL HAVE A KYNAR FINISH.
   - C. ALL FASTENERS FOR THE PANELS SHALL BE 316 STAINLESS STEEL.
   - D. THE INSULATION SHALL BE EQUAL TO R-19.
   - E. ALL PANEL SEAMS AND JOINTS SHALL BE SEALED ,WATER TIGHT AS RECOMMENDED BY THE PANEL MANUFACTURER.
   - F . METAL EXTERIOR WALL AND ROOF PANELS SHALL BE BROWN IN COLOR AND ALL TRIM SHALL MATCH OR CONTRAST ACCORDINGLY. SAMPLE COLOR PATTERNS SHALL BE PROVIDED BY THE CONTRACTOR TO GE'S REPRESENTATIVE.
   - G . METAL INTERIOR WALL PANELS SHALL BE OFFWHITE IN COLOR AND ALL TRIM SHALL MATCH OR CONTRAST ACCORDINGLY. SAMPLE COLOR PATTERNS SHALL BE PROVIDED BY THE CONTRACTOR TO GE'S REPRESENTATIVE.
6. GUTTERS:
   THE EAVES OF THE BUILDING SHALL HAVE A GUTTER AND 2"x3" BOX-TYPE DOWNSPOUT SYSTEM. BOTH SHALL BE OF THE SAME COLOR AND CONFIGURATION AS THE BUILDING RAKE TRIM. BOTH SHALL BE COMPLETE WITH ALL REQUIRED OUTLET DROPS, ELBOWS AND CONNECTING HARDWARE. PRECAST CONCRETE SPLASH APRONS SHALL BE PROVIDED AT ALL DOWNSPOUT LOCATIONS.
7. EAVE TRIM: THE EAVES OF THE BUILDING SHALL HAVE A FACTORY PAINTED EAVE TRIM OF THE SAME CONFIGURATION AND COLOR AS THE BUILDING RAKE TRIM. THE EAVE TRIM SHALL ALLOW FREE PASSAGE OF ROOF DRAINAGE.
8. HOLLOW METAL DOORS:
   - A. ALL HOLLOW METAL (HM) DOORS SHALL BE 1-3/4 INCH THICK FLUSH TYPE WITH 316 STAINLESS STEEL HARDWARE. ALL DOORS SHALL HAVE LOCKING CYLINDER, EXIT DEVICES, CLOSERS, SWEEPS, THRESHOLDS, AND WEATHER STRIPPING.
   - B. DOOR PANELS SHALL BE MINIMUM 18 GAUGE GALVANIZED STEEL REINFORCED BY LAMINATION TO A HONEYCOMB CORE ENCLOSED WITH A CONTINUOUS STEEL PERIMETER CHANNEL.
   - C. THE HINGE REINFORCEMENT SHALL BE MINIMUM 11 GAUGE AND THE LOCK REINFORCEMENT SHALL BE MINIMUM 16 GAUGE.
   - D. DOOR FRAMES SHALL BE LAG BOLTED TO THE BUILDING STRUCTURE. LAG BOLTS SHALL BE 1/2 INCH MIN. 3 PER JAMB.
   - E. DOOR FRAMES SHALL BE 3/4 INCH DEEP DOUBLE RABBETED TYPE OF MINIMUM 16 GAUGE GALVANIZED STEEL.
9. SECTIONAL DOOR, FRAMES AND TRACK:
   AS MANUFACTURED BY RAYNOR OVERHEAD DOOR WITH INSULATION AND A TORSION SPRING COUNTER BALANCE.
10. WOOD PRODUCTS:
    - A. PLYWOOD SHALL BE AMERICAN PLYWOOD ASSOCIATION (APA) EXTERIOR SHEATHING RATED OF FIR OR HEMLOCK AND STAMPED WITH A MILL CERTIFICATION.
    - B. ALL DIMENSIONAL LUMBER SHALL BE NO. 1 GRADE OF ANY SPECIES OF SPECIFIED GRADE.
11. ALL PLATES AND FASTENERS SHALL BE HOT-DIPPED GALVANIZED UNLESS SPECIFIED OTHERWISE.
12. GALVANIZED CHAIN LINK FENCE SHOWN TO BE A TOTAL OF 8 FEET ABOVE GROUND WITH A 1 FOOT HIGH BARBED WIRE. FENCE SHALL CONSIST OF SCHEDULE 40 GALVANIZED STEEL PIPE FOR POSTS, RAILS, AND BRACES. FABRIC SHALL BE ONE PIECE, 9 GAUGE, 2-INCH MESH, TWISTED AND BARBED TOP AND BOTTOM WITH THREE 12 GAUGE BARBED WIRE TOP STRANDS. CONTRACTOR SHALL PLACE APPROPRIATELY SIZED FENCE POST SLEEVES IN CONCRETE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
13. PAINTING:
    - A. HOLLOW METAL DOORS, FRAMES, AND WINDOW FRAMES
      SURFACE PREPARATION: SSPC-SP1 SOLVENT CLEANING.
      PRIME COAT: TNEMEC SERIES 66-COLOR HI-BUILD EPOXYLINE AT 2.0-3.0 MILS DFT.
      FINISH COAT: TNEMEC SERIES 73-COLOR ENDURA SHIELD III AT 2.5-3.0 MILS DFT.
    - B. EXTERIOR STRUCTURAL STEEL AND MISCELLANEOUS METAL
      SURFACE PREPARATION: SSPC-SP6 COMMERCIAL BLAST CLEANING.
      PRIME COAT: TNEMEC SERIES 66-1211 HI-BUILD EPOXYLINE AT 4.0-5.0 MILS DFT.
      INTERMEDIATE COAT: TNEMEC SERIES 66-COLOR HI-BUILD EPOXYLINE AT 3.0-5.0 MILS DFT. EPOXYLINE AT 3.0-5.0 MILS DFT.
      FINISH COAT: TNEMEC SERIES 73-COLOR ENDURA SHIELD III AT 2.5-3.0 MILS DFT.
14. ALL EXPOSED METALLIC SURFACES SHALL BE CORROSION-RESISTANT OR CORROSION-RESISTANT PAINTED.
15. ALL EQUIPMENT SHALL BE SUPPLIED AS SHOWN ON THE DRAWINGS. ANY PROPOSED DEVIATION FROM THE DRAWING MUST BE APPROVED BY GE'S REPRESENTATIVE.
16. CONCRETE COATING SYSTEM TO BE PROVIDED AS PER SPECIFICATION MP-03002. IN ADDITION, ENCLOSURE RAMP COATING TO BE FINISHED TO PROVIDE A NON-SKID SURFACE.
17. CONTRACTOR TO PROVIDE AND MOUNT ON WALL A FULLY-CHARGED DRY CHEMICAL-TYPE FIRE EXTINGUISHER WITH AN A, B, C RATING KIDDE OR EQUAL.
18. SHEETROCK TO BE FIRE CODE SHEETROCK NAILED AND FINISHED.
19. SHEETROCK SHALL RECEIVE ONE COAT OF SHEETROCK PRIMER AND ONE COAT OF LATEX PAINT.
20. ALL WALL PENETRATIONS SHALL BE SEALED WITH SILICONE.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. S-2, FILE NO. 100.09.03F, DATED: SEPTEMBER 24, 1993)

SCALE: 1/4"=1'-0" (4' 0 4' 8')

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

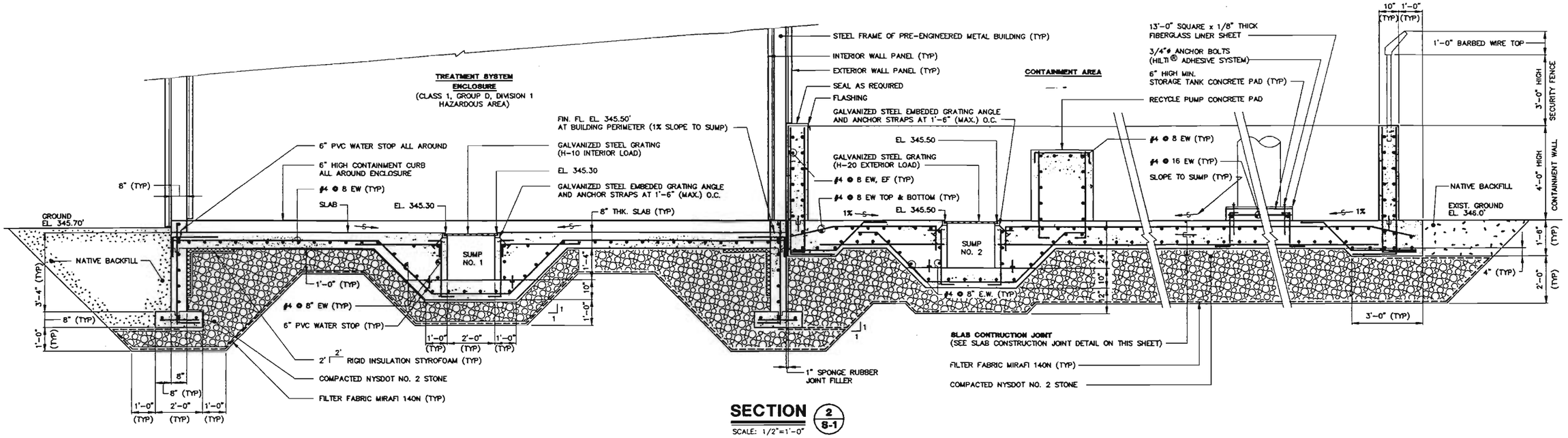
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

ELEVATION AND DETAILS

STRUCTURAL

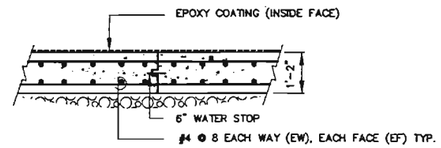
File Number 100.09.72F
Date DECEMBER 1994

S-2



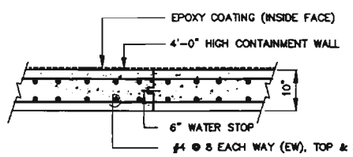
SECTION 2/S-1

SCALE: 1/2"=1'-0"



TYPICAL SLAB CONTRUCTION JOINT DETAIL

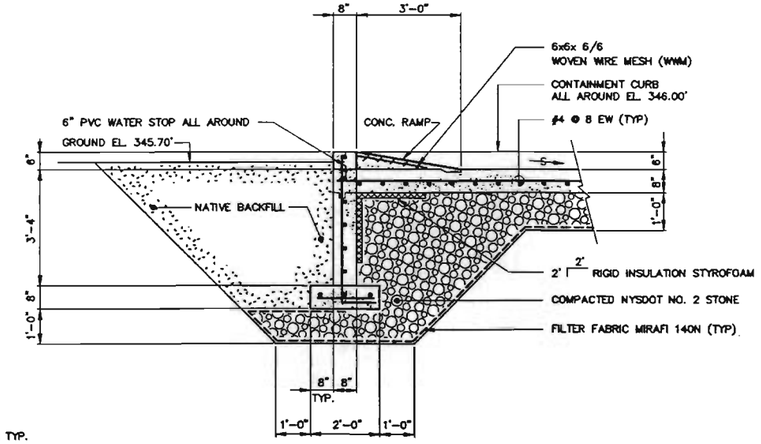
NOT TO SCALE



NOTE: CONSTRUCTION JOINTS TO BE SPACED AS SHOWN ON PLAN.

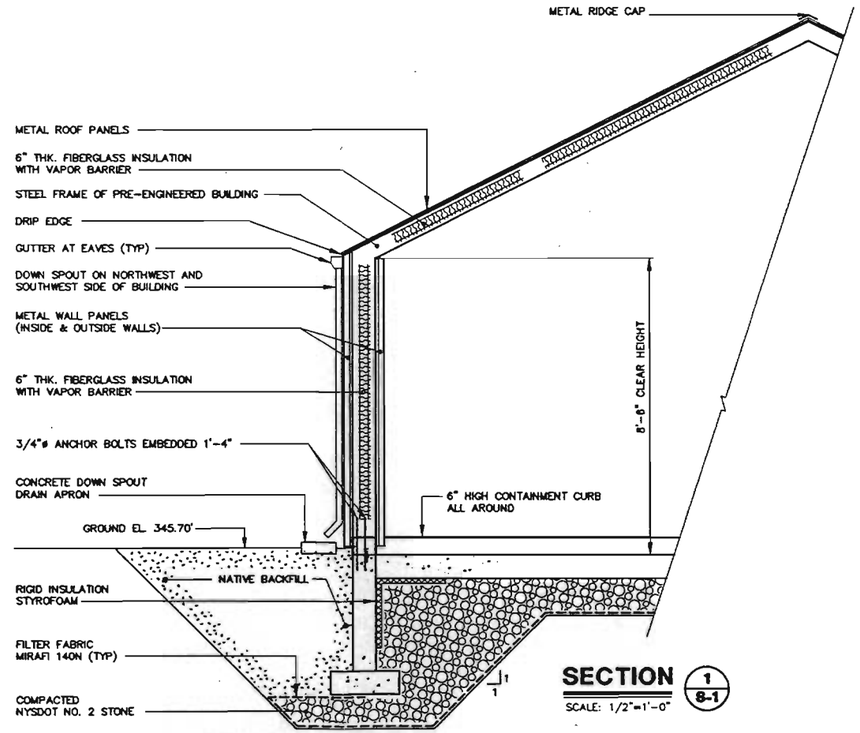
TYPICAL WALL CONTRUCTION JOINT DETAIL

NOT TO SCALE



SECTION 3/S-1

SCALE: 1/2"=1'-0"



SECTION 1/S-1

SCALE: 1/2"=1'-0"

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. S-3, FILE NO. 100.09.04F, DATED: SEPTEMBER 24, 1993)

SCALE: 1/2"=1'-0" (0, 2", 4")

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

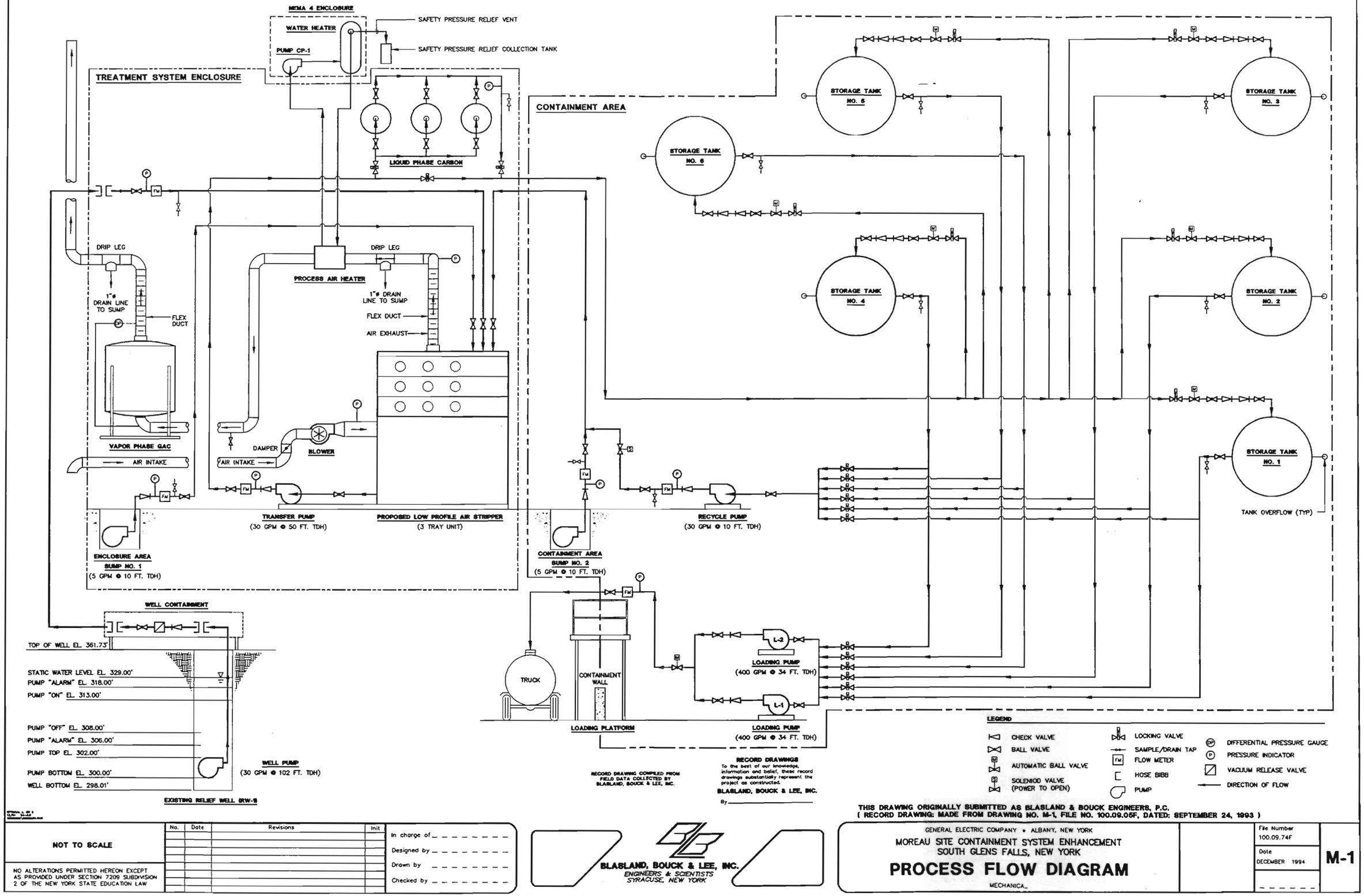
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

SECTIONS

STRUCTURAL

File Number 100.09.73F
Date DECEMBER 1994

S-3



RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. M-1, FILE NO. 100.09.05F, DATED: SEPTEMBER 24, 1993)

NOT TO SCALE

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK

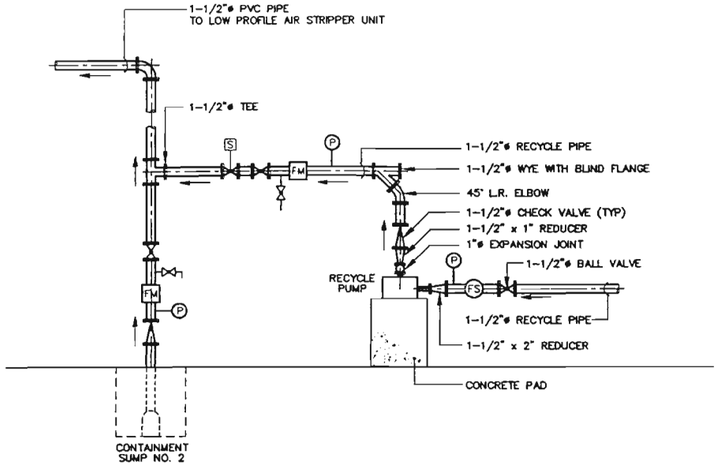
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

PROCESS FLOW DIAGRAM

MECHANICAL

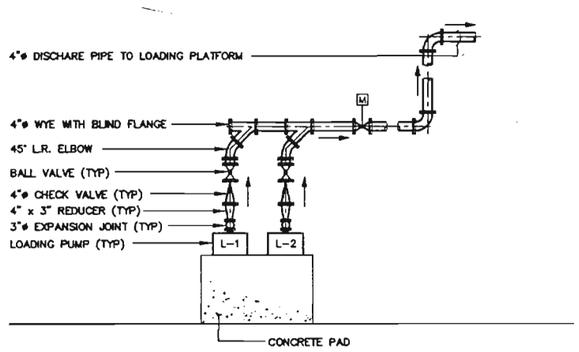
File Number 100.09.74F
Date DECEMBER 1994

M-1



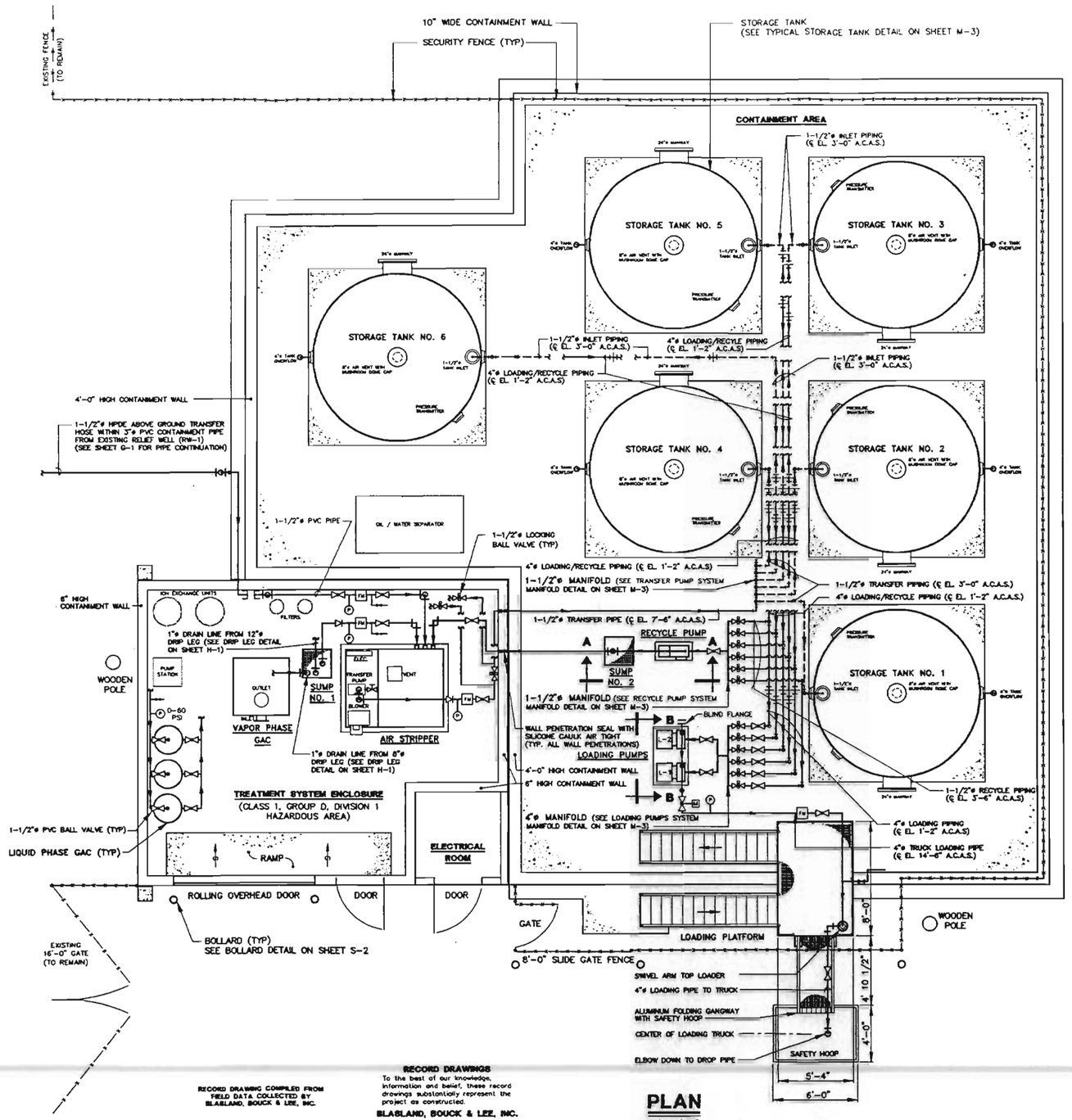
ELEVATION A-A

NOT TO SCALE



ELEVATION B-B

NOT TO SCALE



PLAN

1/4"=1'-0"

LEGEND

- CHECK VALVE
- BALL VALVE
- GATE VALVE
- SOLENOID VALVE (POWER TO OPEN)
- AUTOMATIC BALL VALVE
- LOCKING VALVE
- SAMPLE/DRAIN TAP
- FM FLOW METER
- HOSE BIBB
- DP DIFFERENTIAL PRESSURE GAUGE
- P PRESSURE INDICATOR
- FS FLOW SWITCH
- 90° ELBOW
- 45° ELBOW
- TEE
- TEE UP OR DOWN
- ELBOW UP OR DOWN
- UNION
- DIRECTION OF FLOW
- FUTURE EQUIPMENT (IF REQUIRED)
- A.C.A.S. ABOVE CONTAINMENT AREA SLAB
- ℄ CENTERLINE

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. M-2, FILE NO. 100.09.05F, DATED: SEPTEMBER 24, 1993)

SCALE 1/4"=1'-0" (4' 0 4' 8')

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

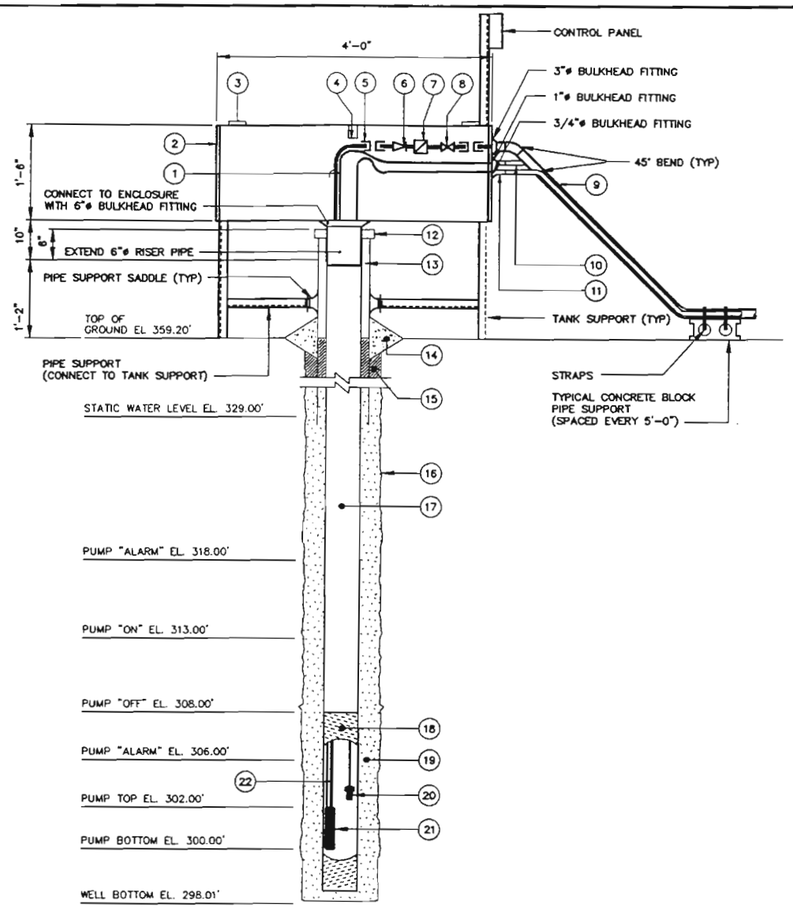
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

MECHANICAL PLAN AND ELEVATIONS

MECHANICAL

File Number 100.09.75F
Date DECEMBER 1994

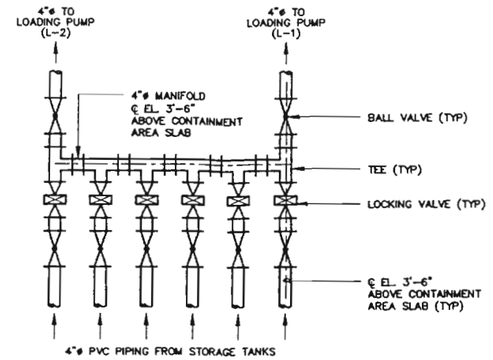
M-2



ITEM	DESCRIPTION
1	1-1/2"ø HDPE HOSE
2	48" LONG x 24" WIDE x 18" DEEP ENCLOSURE
3	HINGE (TYP)
4	PADLOCK
5	1-1/2"ø HOSE BIBB (TYP)
6	1-1/2"ø CHECK VALVE
7	1/2" PLAST-O-MATIC VACUUM RELEASE VALVE
8	1-1/2"ø BALL VALVE
9	1-1/2"ø HDPE HOSE WITHIN 3"ø PVC CONTAINMENT PIPE
10	1"ø CONDUIT FOR PUMP POWER/CONTROL
11	3/4"ø CONDUIT FOR LEVEL PROBE
12	EXIST. STEEL PROTECTIVE CASING WITH LOCKING CAP (CAP TO BE REMOVED)
13	TOP OF EXIST. WELL
14	EXIST. CONCRETE SURFACE SEAL
15	EXIST. 4'-0" BENTONITE SLURRY SEAL
16	EXIST. 10"ø BORE HOLE
17	EXIST. 6"ø CLASS 200 PVC FLUSH JOINT RISER PIPE
18	EXIST. 6"ø CLASS 200 PVC FLUSH JOINT SLOTTED SCREEN WITH PLUGGED BOTTOM
19	EXIST. GRANULAR FILL, TYPE "I" MORAY WELL GRAVEL
20	INTRINSICALLY SAFE LEVEL PROBE
21	WELL PUMP
22	3/8"ø POLYPROPYLENE WELL ROPE

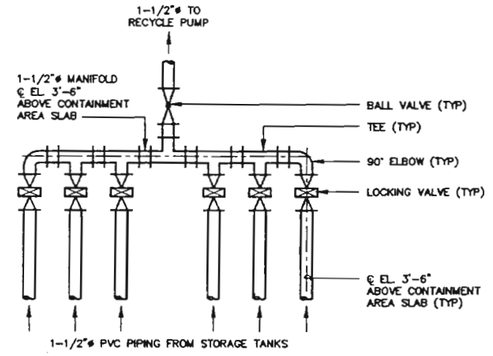
RELIEF WELL DETAIL

NOT TO SCALE



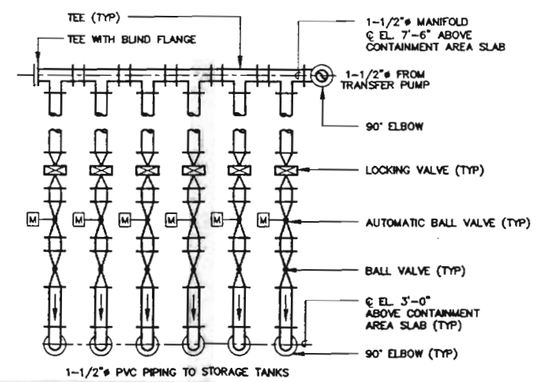
NOTE: VALVES INSTALLED HORIZONTAL TO CONTAINMENT SLAB.

LOADING PUMPS SYSTEM MANIFOLD



NOTE: VALVES INSTALLED HORIZONTAL TO CONTAINMENT SLAB.

RECYCLE PUMP SYSTEM MANIFOLD

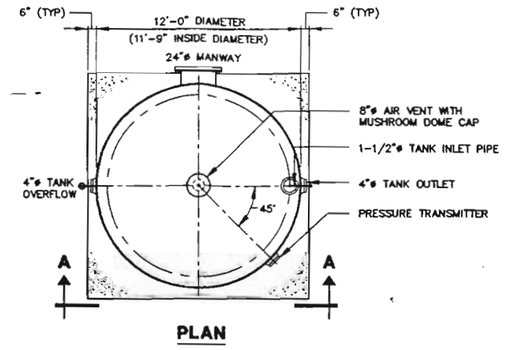


NOTE: VALVES INSTALLED VERTICAL TO CONTAINMENT SLAB.

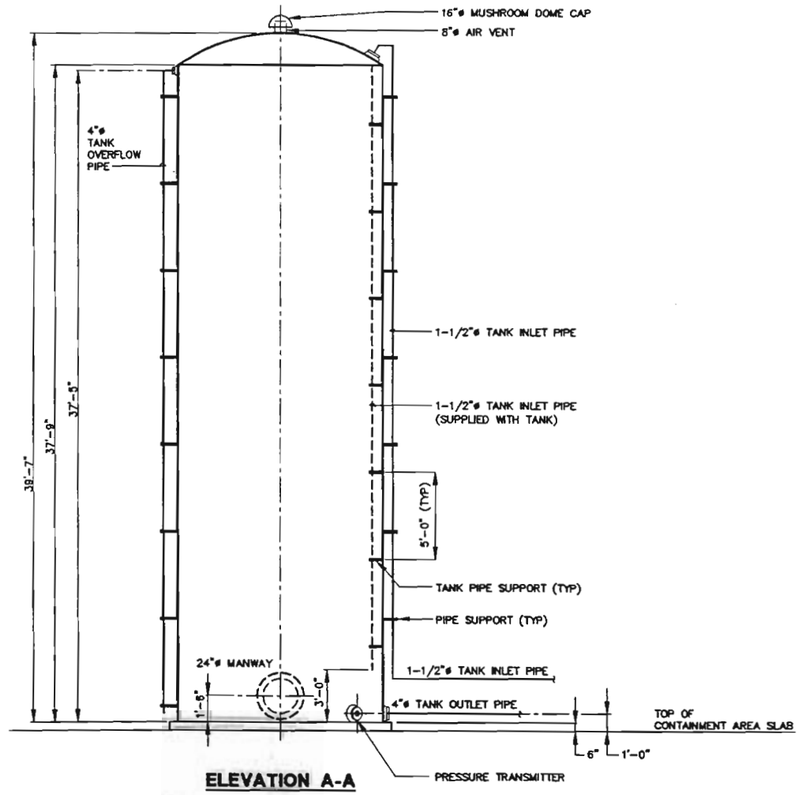
TRANSFER PUMP SYSTEM MANIFOLD

MANIFOLD DETAILS

NOT TO SCALE



PLAN



ELEVATION A-A

NOTES:

1. ALL TANK CONNECTIONS SHALL BE 4"ø CONICALLY-GUSSETED FLANGES EXCEPT TANK VENT CONNECTION SHALL BE 6"ø CONICALLY-GUSSETED FLANGE.
2. STORAGE TANK CENTERED ON 6" HIGH CONCRETE PAD.

TYPICAL STORAGE TANK DETAIL

SCALE: 1/4"=1'-0"

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C. (RECORD DRAWING: MADE FROM DRAWING NO. M-3, FILE NO. 100.09.07F, DATED: SEPTEMBER 24, 1993)

SCALE: 1/4"=1'-0" (4" 0 4" 8")

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

MISCELLANEOUS DETAILS

MECHANICAL

File Number 100.09.76F
Date DECEMBER 1994

M-3

MECHANICAL SPECIFICATIONS:

1. AIR STRIPPER SYSTEM TO BE MANUFACTURED BY CASCADE AND SHALL BE PROVIDED WITH A BLOWER, TRANSFER PUMP, AND OTHER APPURTENANCES. REFER TO SPECIFICATION MP-04006 FOR DETAILED INFORMATION.

2. STORAGE TANKS TO BE OF 30,000 GALLONS CAPACITY, 11'-9" DIA. x 37'-9" HIGH, FLAT BOTTOM, FIBERGLASS REINFORCED PLASTIC (FRP), MANUFACTURED USING ATLAC 400 RESIN, DOMED TOP WITH APPURTANENCES AS SHOWN ON SHEET M-3.

3. ALL PIPES SHALL BE PVC SCHEDULE 80 TYPE II UNLESS OTHERWISE SPECIFIED.

4. ALL PVC JOINTS TO BE SOLVENT WELDED.

5. ALL PVC PIPES SHALL BE SUPPORTED AT 5'-0" O.C. (MAX) AND LOCATED 2'-0" (MAX) FROM JOINT LOCATIONS.

6. HDPE HOSE TO BE PROVIDED IN 100' LENGTHS OR GREATER. HOSE CONNECTIONS TO BE MADE WITH DIXON STEEL HOSE MENDER, 316 STAINLESS-STEEL MATERIAL OR EQUAL.

7. ALL PIPE AND HOSE TO BE INSTALLED AND PRESSURE-TESTED AS PER MANUFACTURER'S SPECIFICATIONS. ZERO LEAKAGE IS ALLOWED FOR ALL JOINTS.

8. ALL PIPING AND MANIFOLDS TO BE LABELED WITH STENCIL OR ADHESIVE SUITABLE FOR OUTDOORS. FLOW ARROWS TO BE LABELED AT INLET AND DISCHARGE CONNECTIONS. PIPING AND DESCRIPTION (e.g. STORAGE TANK NO. 1 INLET PIPE) SHALL ALSO BE CLEARLY LABELED AT ALL VALVE AND APPERTANENCE LOCATIONS.

9. FLOW METERS:

   A. WELL PUMP DISCHARGE LINE FLOW METER TO BE INCLUDED AS PART OF THE INSTRUMENTATION PACKAGE. REFER TO SPECIFICATION MP-16900 FOR INFORMATION.

   B. TRANSFER AND RECYCLE DISCHARGE LINE FLOW METERS TO BE BADGER METER MODEL RD-T 1-1/2 WITH REPLACEABLE STRAINER OR EQUAL.

   C. SUMP NO. 1 AND SUMP NO. 2 DISCHARGE LINE FLOW METERS TO BE BADGER METER MODEL RD-T 5/8 X 3/4 WITH REPLACEABLE STRAINER OR EQUAL.

   D. LOADING PUMP DISCHARGE LINE FLOW METER TO BE BADGER METER MODEL RT-T-4 AND MODEL BRE BATCH REGISTER ELECTRIC OR EQUAL.

10. ALL FLOW METERS SHALL HAVE STRAIGHT PIPE PRECEDING (10 TIMES PIPE DIAMETER) AND FOLLOWING (5 TIMES PIPE DIAMETER) THEM.

11. PRESSURE GAUGES:

   A. ALL PRESSURE GAUGES TO BE TRERICE MODEL NO. 450LFB (WET) SILICONE-FILLED OR EQUAL. DIAL RANGES ARE AS FOLLOWS:

   B. WELL PUMP DISCHARGE LINE PRESSURE GAUGE 0-100 PSI.

   C. TRANSFER PUMP DISCHARGE LINE PRESSURE GAUGE 0-60 PSI.

   D. SUMP PUMP NO. 1 AND SUMP PUMP NO. 2 DISCHARGE LINE PRESSURE GAUGE 0-30 PSI.

   E. LOADING PUMP DISCHARGE LINE PRESSURE GAUGE 0-60 PSI.

12. BALL VALVES:

   A. ALL 1-1/2" DIAMETER AND 4" DIAMETER MANUAL BALL VALVES TO BE PVC DUO-BLOC BY ASAHI/AMERICA, VITON SEALS, TRUE UNION OR EQUAL.

   B. ALL 1-1/2" DIAMETER AND 4" DIAMETER LOCKING VALVES TO BE PVC DUO-BLOC BY ASAHI/AMERICA, VITON SEALS, TRUE UNION AND PAD-LOCKABLE HANDLE OR EQUAL.

   C. ALL 1-1/2" DIAMETER AUTOMATIC BALL VALVES TO BE PVC DUO-BLOC BY ASAHI/AMERICA, VITON SEALS, TRUE UNION WITH QUARTER MASTER ELECTRIC ACTUATOR, NEMA 4 ENCLOSURE, U.L. APPROVED PRE-WIRED 115 VAC, REVERSING MOTOR WITH THERMAL OVERLOAD PROTECTION, AND TWO LIMIT SWITCHES OR EQUAL.

   D. ALL 4" DIAMETER AUTOMATIC BALL VALVES TO BE PVC DUO-BLOC BY ASAHI/AMERICA, VITON SEALS, TRUE UNION WITH SERIES 92 CHIEF ELECTRIC ACTUATOR, NEMA 4 ENCLOSURE, U.L. APPROVED PRE-WIRED 115 VAC, REVERSING MOTOR WITH THERMAL OVERLOAD PROTECTION AND TWO LIMIT SWITCHES OR EQUAL.

13. ALL 1-1/2" AND 4" DIAMETER STANDARD CHECK VALVES TO BE PVC, FLANGED, SWING CHECK VALVE BY ASAHI/AMERICA OR EQUAL.

14. ALL SAMPLE TAPS AND DRAIN VALVES SHALL CONSIST OF A 1/2" PIPE EXTENSION AND BALL VALVE OR EQUAL. SAMPLE TAPS AND DRAIN VALVES SHALL BE LOCATED AT LOCATIONS SHOWN ON THE DRAWINGS AND AT ALL LOW ELEVATIONS IN PROCESS PIPING.

15. VACUUM RELEASE VALVE SHALL CONSIST OF A PLAST-O-MATIC SERIES VBM VACUUM BREAKER.

16. PUMPS:

   A. WELL PUMP TO BE GRUNFOS MODEL 25E8 (1-1/2 HP, 230 VOLTS, 3450 RPM, SINGLE PHASE) CAPABLE OF 30 GPM @ 102 FT. TDH OR EQUAL.

   B. TWO TRANSFER PUMPS (ONE TO BE USED AS A SPARE) TO BE GOULDS PUMP CLOSE-COUPLED CENTRIFUGAL MODEL SST-C 1x2-8 (2HP, 208 VOLTS, 1725 RPM, ONE PHASE) WITH EXPLOSION PROOF MOTOR CAPABLE OF 30 GPM @ 50 FT. TDH OR EQUAL.

   C. RECYCLE PUMP TO BE GOULDS PUMPS CLOSE-COUPLED CENTRIFUGAL MODEL SST-C 1x2-8 (1HP, 208 VOLTS, 1730 RPM, ONE PHASE) WITH TEFC MOTOR AND MOTOR SPACE HEATER CAPABLE OF 30 GPM @ 10 FT. TDH OR EQUAL.

   D. TWO LOADING PUMPS TO BE GOULDS PUMPS MODEL 3656 4x5-8 GROUP M (7-1/2 HP, 208 VOLTS, 1750 RPM, THREE PHASE) WITH TEFC MOTOR AND MOTOR SPACE HEATER CAPABLE OF 400 GPM @ 34 FT. TDH OR EQUAL.

   E. CONTAINMENT AREA SUMP NO. 2 PUMP TO BE GOULDS PUMPS MODEL LSP03 (1/3 HP, 115 VOLTS, 3400 RPM, SINGLE PHASE) SUBMERSIBLE PUMP AND SUMP FLOAT SWITCH TO BE MODEL A2-9 SUPPLIED WITH PUMP INCLUDING POLYPROYLENE FLOAT, 10'-0" LONG CORD AND THREE PRONG SERIES PLUG NEMA 4 RATED CAPABLE OF 5 GPM @ 10 FT. TDH OR EQUAL.

   F. ENCLOSURE AREA SUMP NO. 1 PUMP TO BE VERTICAL CENTRIFUGAL SUMP PUMP ITEM 4323K21 McMASTER-CARR (1/3 HP, 115 VOLTS, 3400 RPM, SINGLE PHASE) WITH EXPLOSION PROOF MOTOR CAPABLE OF 5 GPM @ 10 FT. TDH OR EQUAL.

17. LOADING RACK TO BE BENKO PRODUCTS, INC., CUSTOM G-RAFF INSTA-RACK PLATFORM, HOT-DIPPED GALVANIZED, PRIME PAINTED. PLATFORM DIMENSIONS 5'-4" X 8' X 10', 8' HIGH WITH TWO 8" SQUARE MAST, TWO ACCESS STAIRWAYS, 1-1/2" O.D. PIPE RAILINGS, SERRATED BAR GRATING ON PLATFORM WITH GRIP STRUT STAIR TREADS AND 5" TOE BOARD. RACK SHALL ALSO HAVE AN ALUMINUM FOLDING GANGWAY WITH SAFETY HOOP FLUSH-MOUNTED ON PLATFORM.

18. SWIVEL ARM TOP LOADER TO TANKER TRUCK TO BE OPW E-32-F, 4" DIAMETER.

19. WELL CONTAINMENT SHALL BE A CHEM-TAINER RECTANGULAR TANK 24" x 48" x 18" MADE OF AA-SERIES POLYETHYLENE SUITABLE FOR OUTDOOR APPLICATION. TANK SHALL HAVE A HINGED COVER AND PADLOCK AS SHOWN ON SHEET M-3.

20. THE PROPOSED ROUTE OF THE ABOVE GROUND TRANSFER PIPE/ELECTRICAL CONDUITS SHALL BE STAKED OUT AT 10 FEET INTERVALS ON ALTERNATING SIDES. STAKES ON EITHER SIDE SHALL BE OFF-SET BY 1 FOOT. STAKES SHALL BE WOODEN AND 4 FEET LONG WITH FLUORESCENT ORANGE PAINTED TOPS. STAKES SHALL NOT BE PLACED FURTHER THAN 16-INCHES INTO THE GROUND.

21. LIQUID PHASE GRANULAR ACTIVATED CARBON UNITS BY CARBTROL CORPORATION, MODEL HP-200.

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

NOT TO SCALE

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. M-4, FILE NO. 100.09.08F, DATED: SEPTEMBER 24, 1993)

GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK
MECHANICAL SPECIFICATIONS
MECHANICAL

File Number 100.09.77F
Date DECEMBER 1994
_____

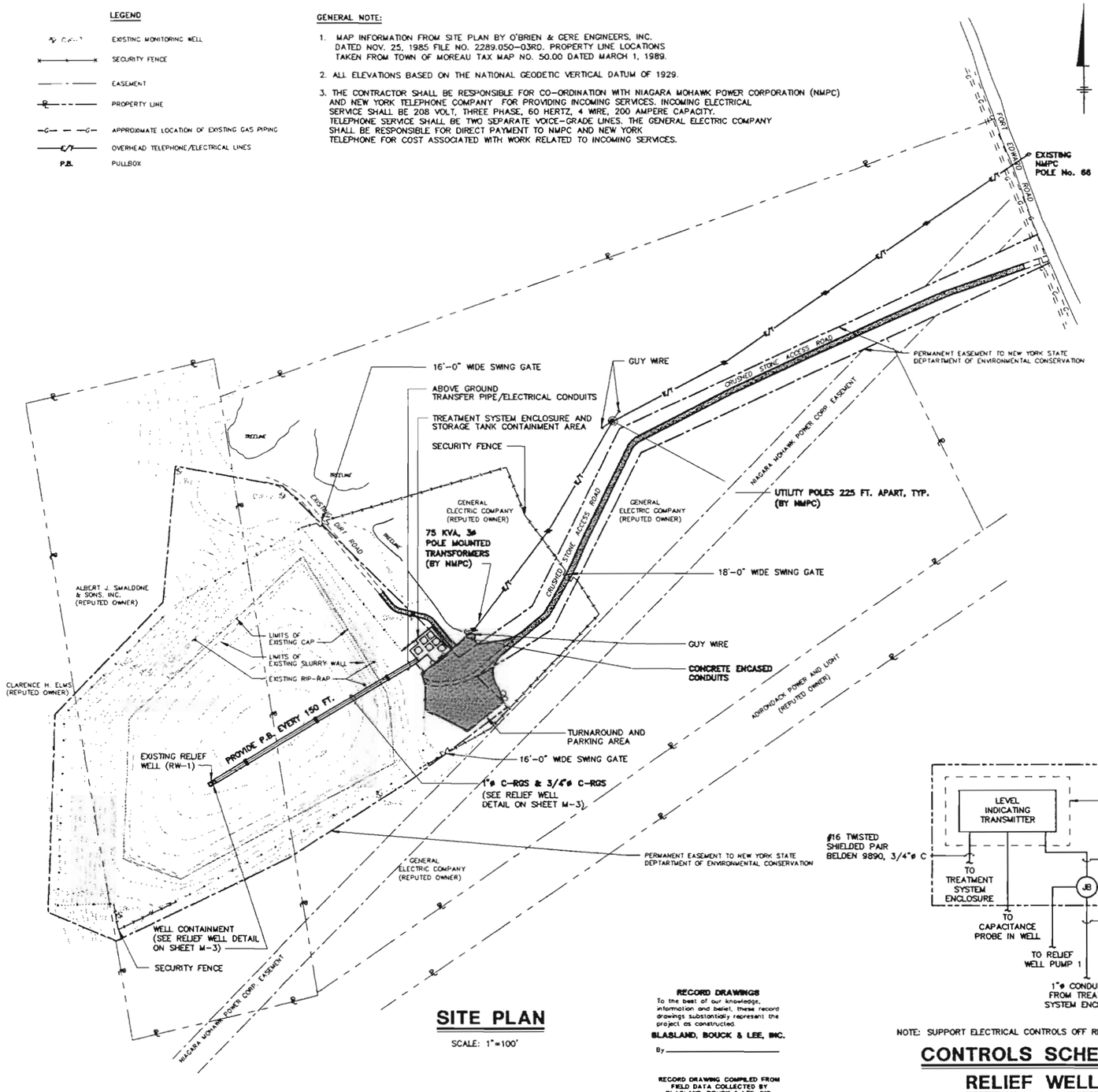
M-4

LEGEND

- EXISTING MONITORING WELL
- SECURITY FENCE
- EASEMENT
- PROPERTY LINE
- —G— — —G— APPROXIMATE LOCATION OF EXISTING GAS PIPING
- —E/T— OVERHEAD TELEPHONE/ELECTRICAL LINES
- P.B. PULLBOX

GENERAL NOTE:

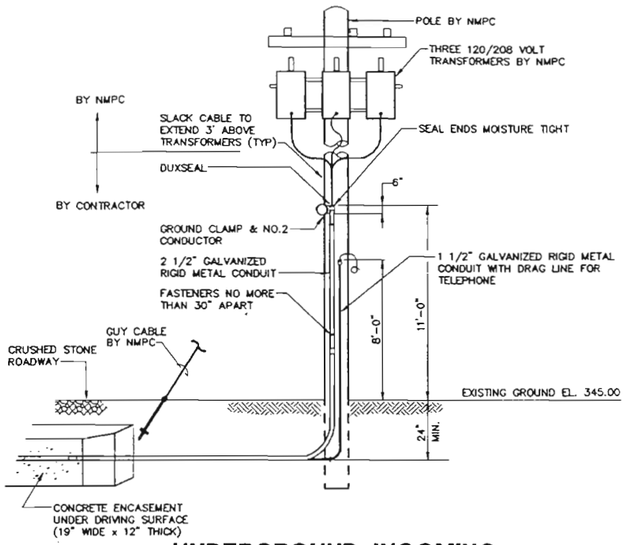
1. MAP INFORMATION FROM SITE PLAN BY O'BRIEN & GERE ENGINEERS, INC. DATED NOV. 25, 1985 FILE NO. 2289.050-03R0. PROPERTY LINE LOCATIONS TAKEN FROM TOWN OF MOREAU TAX MAP NO. 50.00 DATED MARCH 1, 1989.
2. ALL ELEVATIONS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATION WITH NIAGARA MOHAWK POWER CORPORATION (NMPC) AND NEW YORK TELEPHONE COMPANY FOR PROVIDING INCOMING SERVICES. INCOMING ELECTRICAL SERVICE SHALL BE 208 VOLT, THREE PHASE, 60 HERTZ, 4 WIRE, 200 AMPERE CAPACITY. TELEPHONE SERVICE SHALL BE TWO SEPARATE VOICE-GRADE LINES. THE GENERAL ELECTRIC COMPANY SHALL BE RESPONSIBLE FOR DIRECT PAYMENT TO NMPC AND NEW YORK TELEPHONE FOR COST ASSOCIATED WITH WORK RELATED TO INCOMING SERVICES.



SITE PLAN

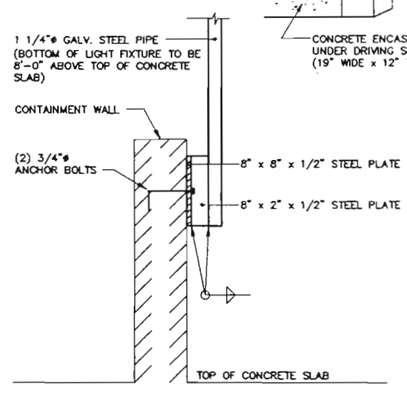
SCALE: 1"=100'

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____
RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.



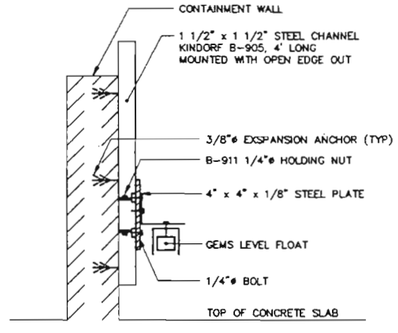
UNDERGROUND INCOMING SERVICE DETAIL

NOT TO SCALE



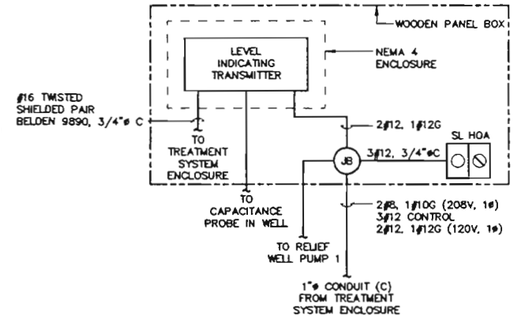
STANCHION MOUNTING DETAIL

NOT TO SCALE



LSHH-109 MOUNTING DETAIL

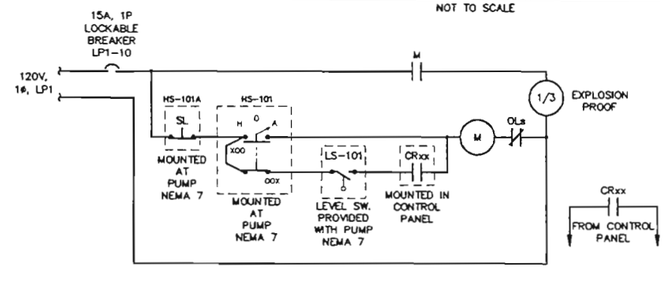
NOT TO SCALE



NOTE: SUPPORT ELECTRICAL CONTROLS OFF RELIEF WELL ENCLOSURE STAND.

CONTROLS SCHEMATIC AT RELIEF WELL RW-1

NOT TO SCALE



SUMP PUMP No. 1

NOT TO SCALE

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. E-1, FILE NO. 100.09.09F, REVISION NO. 1, DATED: SEPTEMBER 24, 1993)

SCALE 1"=100'-0" (100' 0 100' 200')

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

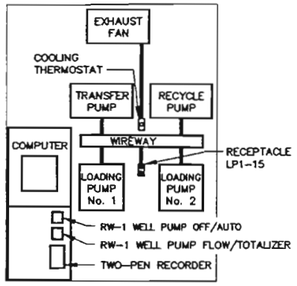
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

ELECTRICAL SITE PLAN, DETAILS AND DIAGRAMS

ELECTRICAL

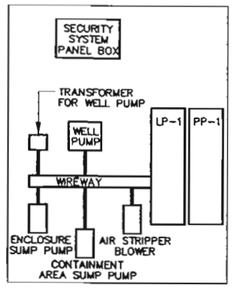
File Number 100.09 78F
Date DECEMBER 1994

E-1



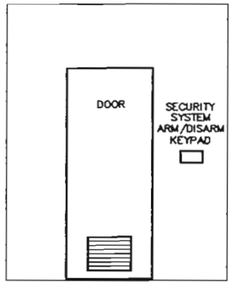
NORTH WALL ELEVATION

NOT TO SCALE



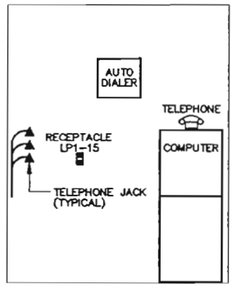
EAST WALL ELEVATION

NOT TO SCALE



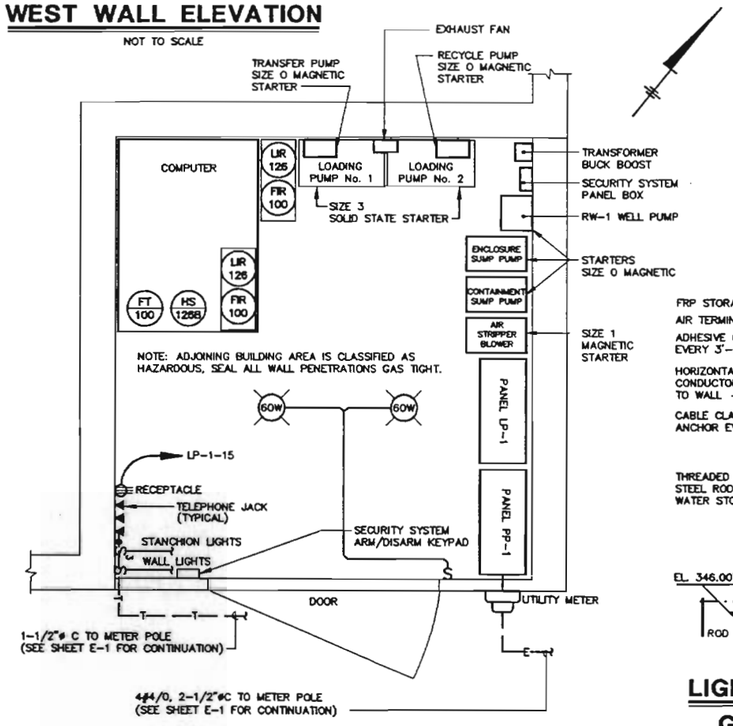
SOUTH WALL ELEVATION

NOT TO SCALE



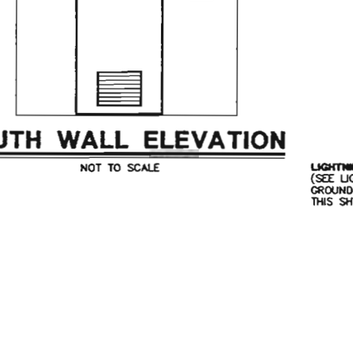
WEST WALL ELEVATION

NOT TO SCALE



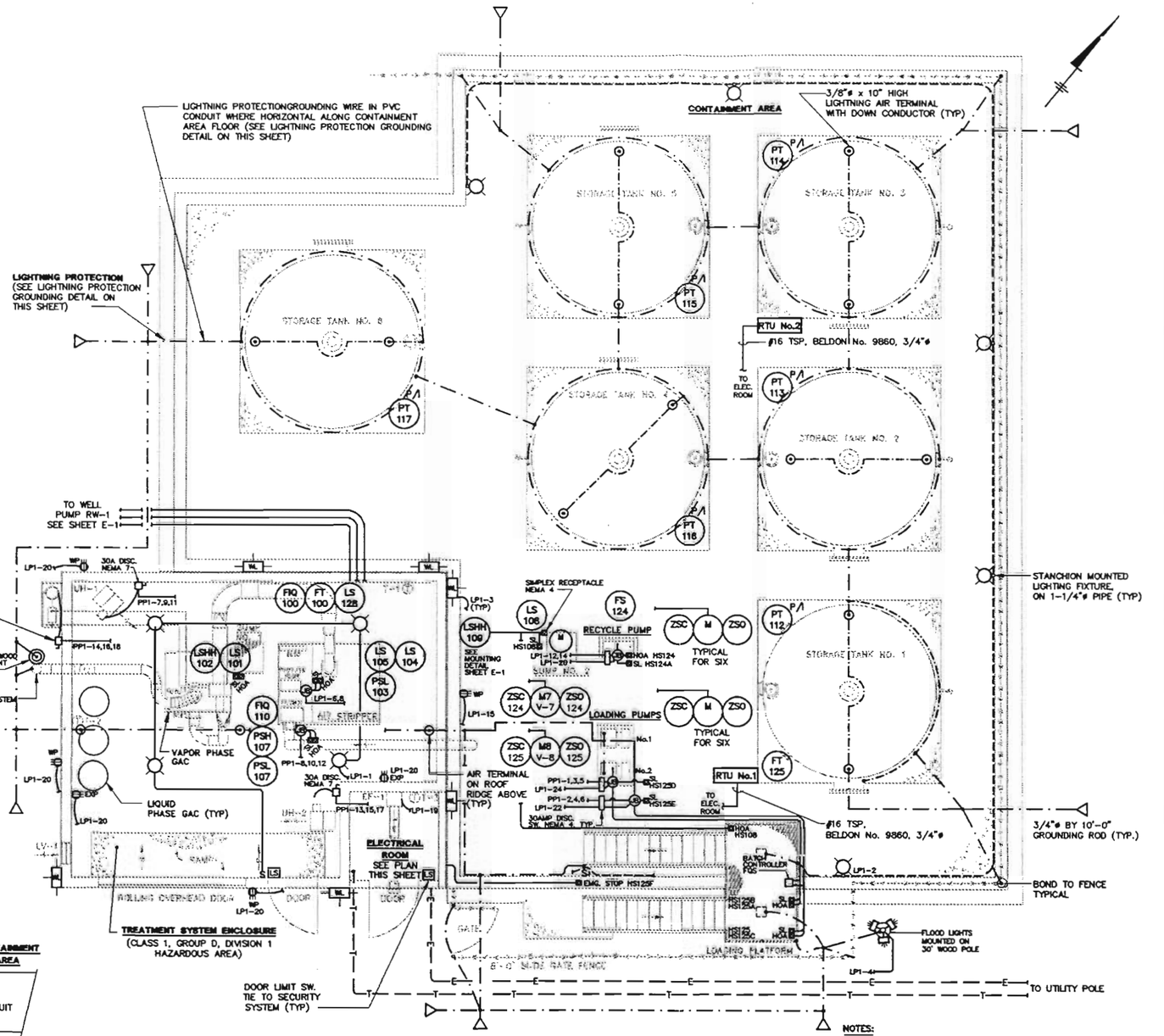
ELECTRICAL ROOM PLAN

NOT TO SCALE



LIGHTNING PROTECTION GROUNDING DETAIL

NOT TO SCALE



ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

NOTES:

1. INSTRUMENTATION CONDUIT AND WIRING NOT SHOWN FOR CLARITY, SEE SPECIFICATION MP-16900
2. WHERE POSSIBLE, INSTALL ALL ELECTRICAL EQUIPMENT AND DEVICES LOCATED IN THE CONTAINMENT AREA ABOVE 3'-0".

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. E-2, FILE NO. 100.09.10F, REVISION NO. 1, DATED: SEPTEMBER 24, 1993)

SCALE
1/4"=1'-0" 4' 0 4' 8'
1/2"=1'-0" 2' 0 2' 4'
1"=1'-0" 1' 0 1' 2'

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

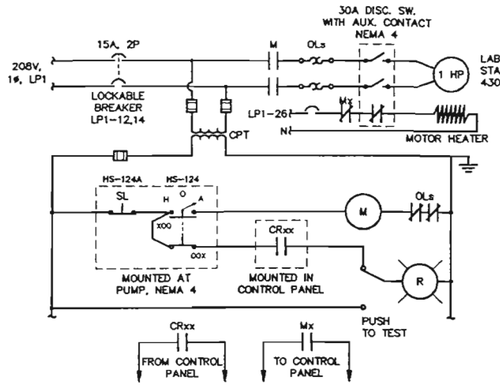
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

ELECTRICAL PLANS AND ELEVATIONS

ELECTRICA_

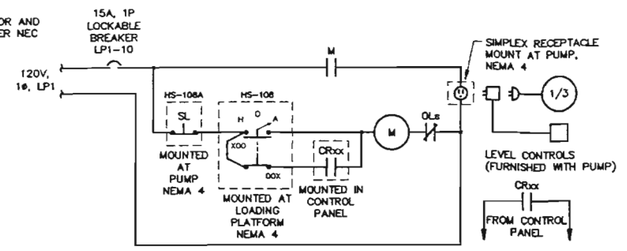
File Number 100.09.79F
Date DECEMBER 1994

E-2



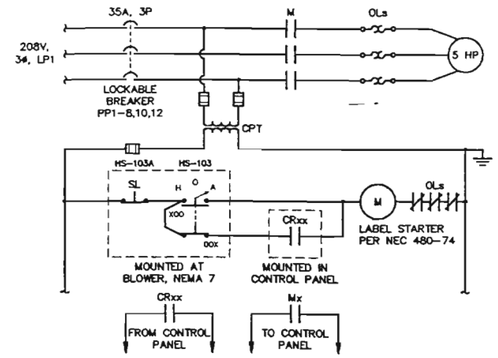
RECYCLE PUMP

NOT TO SCALE



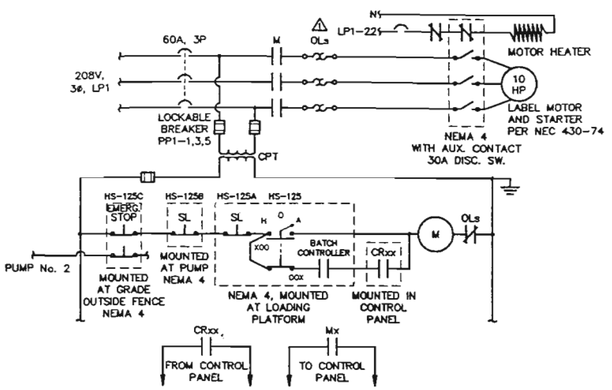
SUMP PUMP No. 2 (OUTSIDE)

NOT TO SCALE



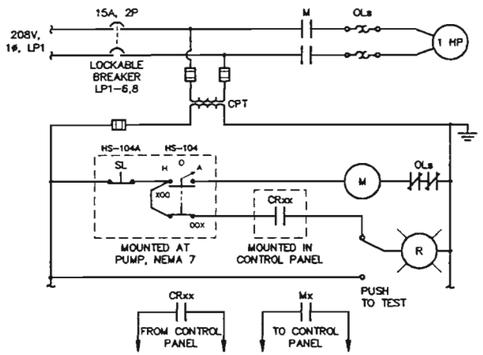
TOWER BLOWER

NOT TO SCALE



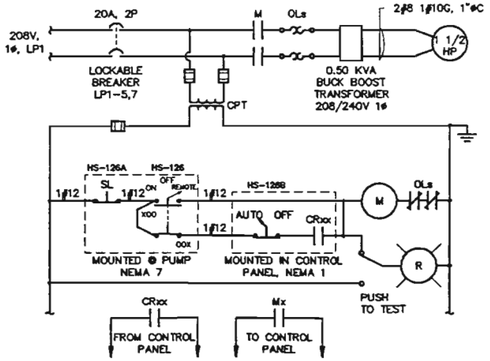
TRUCK LOADING PUMP No. 1

(TYPICAL LOADING PUMP No.2)



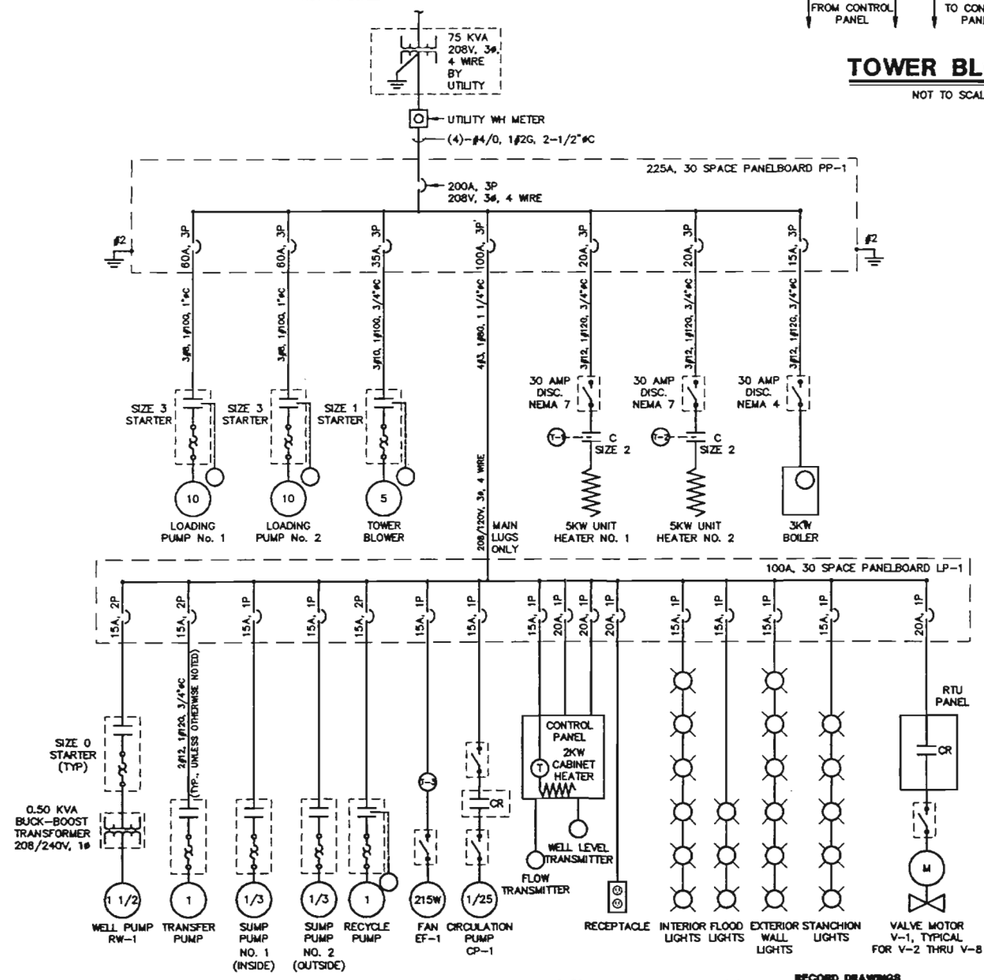
TRANSFER PUMP

NOT TO SCALE



RELIEF WELL PUMP RW-1

NOT TO SCALE



ELECTRICAL ONE LINE DIAGRAM

NOT TO SCALE

PANELBOARD PP-1 SCHEDULE

LOCATION : ELECTRIC ROOM EAST WALL
FED FROM : UTILITY
MAIN BUS RATINGS : 225 AMPS, 208 VOLTS, 3 PHASE, 4 WIRE
MINIMUM SHORTCIRCUIT INTERUPTING RATING : 10,000 RMS. SYMM. AMPS
MAIN BREAKER TRIP : 200 (SERVICE ENTRANCE RATED) AMPS, INCOMING FEED : 4 4/0, 1 #4G, 2 1/2"C
ESTIMATED CONNECTED LOAD : 60 KW ENCLOSURE : NEMA 1, SURFACE MOUNT
* LOCKABLE IN THE OFF POSITION

DESCRIPTION	LOAD W-KW-HP	CB AMPS	CR.		CR.	CB AMPS	LOAD W-KW-HP	DESCRIPTION
LOADING PUMP No. 1	10 HP	60A*	1	2	2	60A*	10 HP	LOADING PUMP No. 2
			3	4				
		3P	5	6		3P		
UNIT HEATER No. 1	5 KW	20A*	7	8	8	35A*	5 HP	TOWER BLOWER *
			9	10				
		3P	11	12		3P		
UNIT HEATER No. 2	5 KW	20A*	13	14	14	15A*	3 KW	BOILER
			15	16				
		3P	17	18		3P		
SPARE		30A*	19	20	20	100A*		LP-1 FEEDER, LIGHTING PANEL
			21	22				
		3P	23	24		3P		
SPARE		20A*	25	26	26	15A*		SPARE
			27	28				
		3P	29	30		3P		

PANELBOARD LP-1 SCHEDULE

LOCATION : ELECTRIC ROOM EAST WALL
FED FROM : PP-1, 20, 22 & 24
MAIN BUS RATINGS : 225 AMPS, 208/120 VOLTS, 3 PHASE, 4 WIRE
MINIMUM SHORTCIRCUIT INTERUPTING RATING : 10,000 RMS. SYMM. AMPS
MAIN BREAKER TRIP : MAIN LUGS ONLY AMPS, INCOMING FEED : 3 #3, 1 #8G
ESTIMATED CONNECTED LOAD : 11 KW ENCLOSURE : NEMA 1, SURFACE MOUNT
* LOCKABLE IN THE OFF POSITION

DESCRIPTION	LOAD W-KW-HP	CB AMPS	CR.		CR.	CB AMPS	LOAD W-KW-HP	DESCRIPTION
6 CEILING LIGHTS	820 W	15A, 1P	1	2	2	15A, 1P	875 W	5 STANCHION LIGHTS
6 WALL LIGHTS	1050 W	15A, 1P	3	4	4	15A, 1P	450 W	3 FLOOD LIGHTS
WELL PUMP (240 V)	1 1/2 HP	*20A	5	6	6	*15A	1 HP	TRANSFER PUMP (240 V)
		2P	7	8	8	2P		
SUMP PUMP No. 1 (INSIDE)	1/3 HP	*15A, 1P	9	10	10	*15A, 1P	1/3 HP	SUMP PUMP No. 2 (OUTSIDE)
INSTRUMENTATION	1 KW	20A, 1P	11	12	12	*15A	1 HP	RECYCLE PUMP
INSTRUMENTATION	1 KW	20A, 1P	13	14	14	2P		
5 RECEPTACLES	900 W	20A, 1P	15	16	16	15A, 1P	2 KW	INSTRUMENTATION CABINET HEATER
VALVE MOTORS V1 - V8	144 W	20A, 1P	17	18	18	15A, 1P	1/25 HP	CIRCULATION PUMP CP-1
EXHAUST FAN EF-1	215 W	15A, 1P	19	20	20	20A, 1P	720 W	4 RECEPTACLES
SPARE		20A, 1P	21	22	22	*15A, 1P		TRUCK LOADING PUMP No. 1 MOTOR HEATER
SPARE		15A	23	24	24	*15A, 1P		TRUCK LOADING PUMP No. 2 MOTOR HEATER
		2P	25	26	26	*15A, 1P		RECYCLE PUMP MOTOR HEATER
SPACE			27	28	28	15A, 1P		SPARE
SPACE			29	30	30	15A, 1P		SPARE

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. E-3, FILE NO. 100.09.11F, REVISION NO. 1, DATED: SEPTEMBER 24, 1993)

NOT TO SCALE

No.	Date	Revisions	Init

In charge of
Designed by
Drawn by
Checked by

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

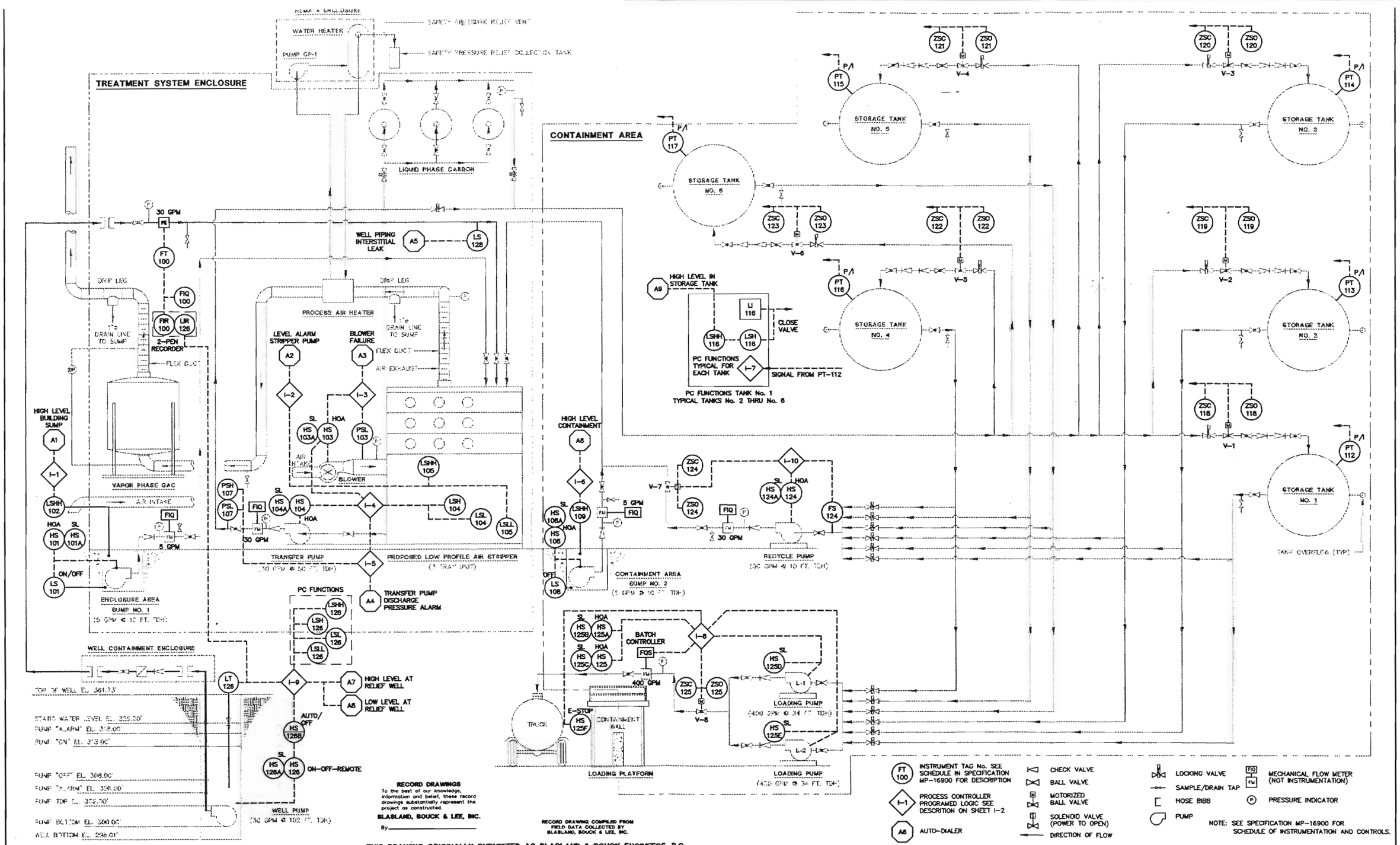
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

ELECTRICAL SCHEDULES AND DIAGRAMS

ELECTRICAL

File Number 100.09.80F
Date DECEMBER 1994

E-3



RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By_____

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.

(RECORD DRAWING: MADE FROM DRAWING NO. I-1, FILE NO. 100.09.12F, DATED: SEPTEMBER 24, 1993)

NOT TO SCALE

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

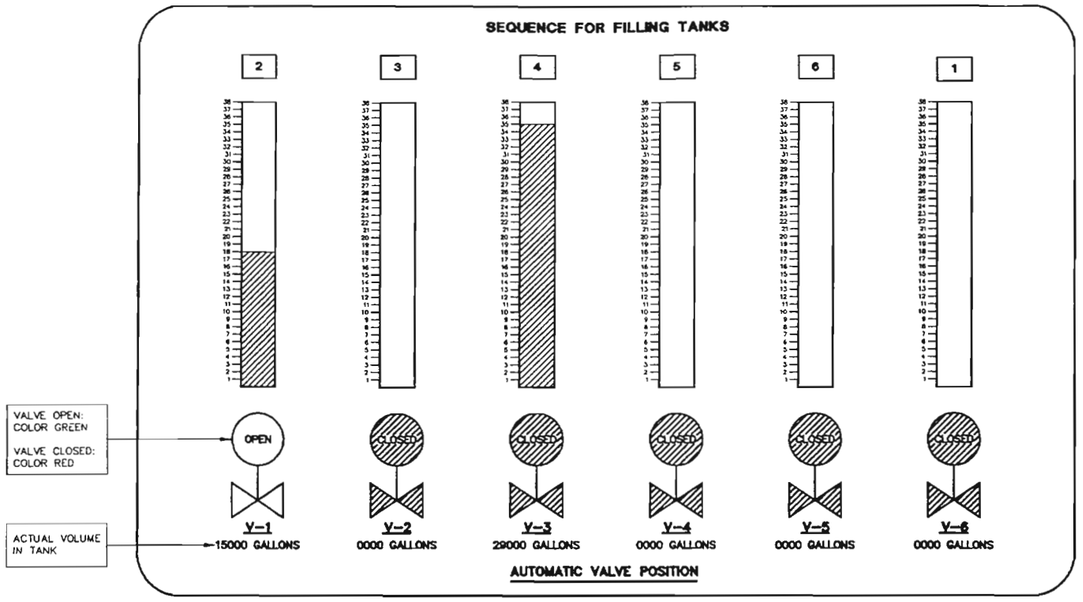
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

PROCESS INSTRUMENTATION DIAGRAM

INSTRUMENTATION

File Number 100.09.81F
Date DECEMBER 1994

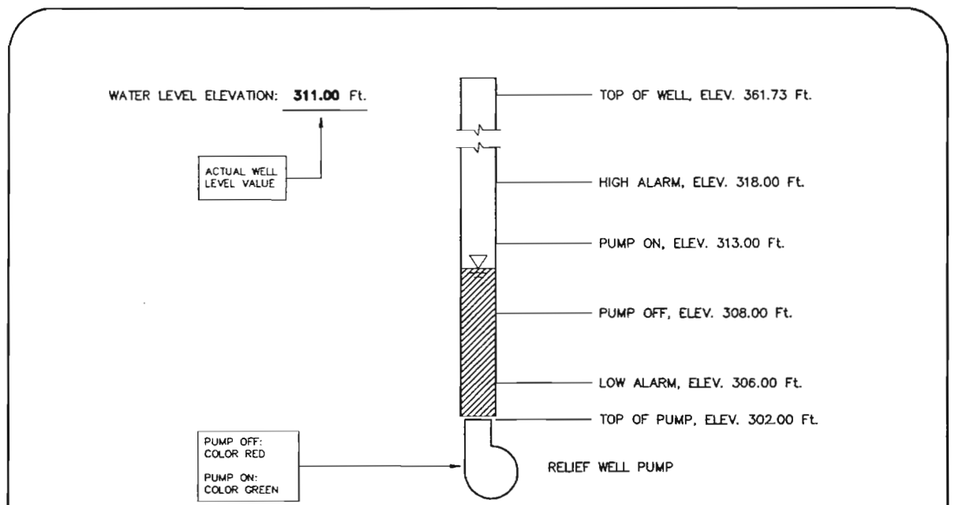
I-1



NOTE: WHILE STORAGE TANK NO. 1 IS BEING FILLED, ALL MANUAL LOCKING VALVES ARE IN THE OPEN, UNLOCKED POSITION EXCEPT FOR STORAGE TANK NO. 3 WHICH IS IN THE CLOSED AND LOCKED POSITION.

SCREEN No. 1 - TANK LEVELS

NOT TO SCALE



SCREEN No. 2 - RELIEF WELL

NOT TO SCALE

SUMP NO. 1 PROGRAMMABLE LOGIC SEQUENCE 1 - 1

INPUT: LSHH-102 INDOOR SUMP HIGH-HIGH LEVEL
LOGIC: LEVEL SWITCH LSHH OPENS ON HIGH LEVEL
OUTPUT: HIGH LEVEL BUILDING SUMP NO. 1, A-1 AT AUTO DIALER
STOP WELL PUMP RW-1
STOP RECYCLE PUMP
STOP SUMP PUMP NO. 2
LOG ON ALARM REPORT

AIR STRIPPER LEVEL PROGRAMMABLE LOGIC SEQUENCE 1-2

INPUT: LSHH-105 AIR STRIPPER SUMP HIGH-HIGH LEVEL
INPUT: LSLL-105 AIR STRIPPER SUMP LOW-LOW LEVEL
LOGIC: LSHH OPENS ON HIGH LEVEL
LSLL OPENS ON LOW LEVEL
OUTPUT: LEVEL ALARM STRIPPER SUMP, A-2 AT AUTO DIALER
LOG ON ALARM REPORT

LOGIC: LSHH OPENS ON HIGH LEVEL
OUTPUT: STOP WELL PUMP RW-1
STOP SUMP PUMP NO. 1
STOP SUMP PUMP NO. 2
STOP RECYCLE PUMP
LOG ON ALARM REPORT

STRIPPER BLOWER PROGRAMMABLE LOGIC SEQUENCE 1-3

INPUT: WELL PUMP RW-1 RUN CONTACT FROM STARTER
INPUT: BLOWER RUN CONTACT FROM STARTER
INPUT: PSL-103 BLOWER LOW PRESSURE SWITCH
LOGIC: 10 SECONDS AFTER BLOWER STARTS, PRESSURE SWITCH PSL-103 HAS NOT CLOSED OR PSL-103 SHOULD OPEN ANYTIME AFTER 10 SECONDS
OUTPUT: BLOWER FAILURE, A-3 AT AUTO DIALER
STOP WELL PUMP RW-1
STOP SUMP PUMP NO. 1
STOP SUMP PUMP NO. 2
STOP RECYCLE PUMP
STOP STRIPPER BLOWER
LOG ON ALARM REPORT

INPUT: LSL-104 OPENS ON LOW LEVEL
LOGIC: 6 HOUR DELAY, LSL-104 REMAINS OPEN
OUTPUT: STOP BLOWER
INPUT: LSL-104 CLOSES
OUTPUT: START BLOWER

TRANSFER PUMP PROGRAMMABLE LOGIC SEQUENCE 1-4

INPUT: LSH-104 STRIPPER SUMP HIGH LEVEL SWITCH
INPUT: LSL-104 STRIPPER SUMP LOW LEVEL SWITCH
LOGIC: START TRANSFER PUMP ON LSH-104 CLOSING
STOP TRANSFER PUMP ON LSL-104 OPENS
OUTPUT: START TRANSFER PUMP
(SEE SEQUENCE 1-3)

TRANSFER PUMP PROGRAMMABLE LOGIC SEQUENCE 1-5

INPUT: TRANSFER PUMP RUN CONTACT FROM STARTER
INPUT: PSL-107 TRANSFER PUMP LOW PRESSURE SWITCH
INPUT: PSH-107 TRANSFER PUMP HIGH PRESSURE SWITCH
LOGIC: 10 SECOND DELAY UPON ENERGIZATION, IF PSL-107 OR PSH-107 CHANGE STATE AFTER TIME DELAY-ALARM ONLY
OUTPUT: TRANSFER PUMP DISCHARGE PRESSURE, ALARM A-4 AT AUTO DIALER
STOP TRANSFER PUMP
LOG ON ALARM REPORT

SUMP NO. 2 PROGRAMMABLE LOGIC SEQUENCE 1 - 6

INPUT: LSHH-109 OUTDOOR CONTAINMENT HIGH LEVEL
LOGIC: SWITCH LSHH-109 OPENS ON HIGH LEVEL
OUTPUT: HIGH LEVEL CONTAINMENT, A-6 AT AUTO DIALER
STOP WELL PUMP RW-1
STOP RECYCLE PUMP
LOG ON ALARM REPORT

STORAGE TANKS PROGRAMMABLE LOGIC SEQUENCE 1-7

TYPICAL FOR LOOPS 112 THROUGH 117 (LOOP 116 SHOWN) AND TYPICAL FOR LOOPS 118 THROUGH 123 (LOOP 122 SHOWN)

INPUT: PT-116 STORAGE TANK NO. 5 ANALOG LEVEL
LOGIC: ADJUSTABLE SETPOINTS FOR TWO LEVELS; LSHH-116 AND LSH-116.
LSHH-116 HIGH ALARM: LEVEL REACHES SETPOINT
OUTPUT: HIGH LEVEL ALARM STORAGE TANK, A-9 AT AUTO DIALER
LOG ON ALARM REPORT
STOP WELL PUMP RW-1
STOP SUMP PUMP NO. 1
STOP SUMP PUMP NO. 2
STOP TRANSFER PUMP
STOP RECYCLE PUMP
LSH-116 TANK FULL LEVEL: CLOSE INLET VALVE V-5 AFTER OPEN VALVE NEXT IN SEQUENCE (DEVELOP LOGIC WHERE BY OPERATOR CAN DESIGNATE A RANDOM SEQUENCE FOR FILLING TANKS BY INPUTING NUMBERS AT EACH STEP FOR SIX STEPS, SEQUENCE SHALL REPEAT AUTOMATICALLY UNLESS CHANGED BY OPERATOR)
LOG ON ALARM REPORT ONLY, NO ALARM OUTPUT

INPUT: ZSC-122 VALVE V-5 CLOSED LIMIT SWITCH
INPUT: ZSO-122 VALVE V-5 OPEN LIMIT SWITCH
LOGIC: ZSC-122 OPENS WHEN VALVE V-5 IS 100% CLOSED
ZSO-122 OPENS WHEN VALVE V-5 IS 100% OPEN
OUTPUT: SEE GRAPHIC SCREEN DISPLAY NO. 1

LOADING PUMP PROGRAMMABLE LOGIC SEQUENCE 1-8

INPUT: LOADING PUMP NO. 1 RUN CONTACT FROM STARTER
INPUT: LOADING PUMP NO. 2 RUN CONTACT FROM STARTER
LOGIC: INTERLOCK TO PREVENT BOTH PUMPS OPERATING SIMULTANEOUSLY
INPUT: FQS-125 BATCH CONTROLLER CONTACT
LOGIC: INDEPENDENT BATCH COUNTER TO STOP TRUCK FILLING WHEN COUNT REACHES ZERO, OPERATOR ADJUSTABLE COUNT, TYPICALLY 4500 GALLONS
OUTPUT: START/STOP LOADING PUMPS (PUMP NO. 1 OR NO. 2 TO BE MANUALLY SELECTED)
OUTPUT: OPEN-CLOSE VALVE V-8

RELIEF WELL PUMP PROGRAMMABLE LOGIC SEQUENCE 1-9

INPUT: LT-126 WELL RW-1 ANALOG LEVEL
LOGIC: ADJUSTABLE SETPOINTS FOR FOUR LEVELS: LSHH-126, LSH-126, LSL-126 AND LSLL-126
LSHH-126 HIGH ALARM LEVEL: LEVEL REACHES SETPOINT
OUTPUT: HIGH LEVEL RELIEF WELL, A-7 AT AUTO DIALER
LOG ON ALARM REPORT
LSH-126 ON LEVEL: LEVEL REACHES SETPOINT
OUTPUT: START WELL PUMP IF OTHER INTERLOCKS ARE PERMISSIVE
LSL-126 OFF LEVEL: LEVEL REACHES SETPOINT
OUTPUT: STOP WELL PUMP UNTIL RESET BY LEVEL AT LSH
LSLL-126 LOW ALARM LEVEL: LEVEL IS BELOW SETPOINT
OUTPUT: LOW LEVEL RELIEF WELL, A-8 AT AUTO DIALER
STOP WELL PUMP RW-1
LOG ON ALARM REPORT

OUTPUT: SEE GRAPHIC SCREEN DISPLAY NO. 2

RECYCLE PUMP PROGRAMMABLE LOGIC SEQUENCE 1-10

INPUT: RECYCLE PUMP RUN CONTACT FROM STARTER
INPUT: FS-124 FLOW SWITCH
LOGIC: 10 SECOND AFTER PUMP STARTS FS-124 HAS NOT CLOSED OR FS-124 SHOULD OPEN ANY TIME AFTER 10 SECONDS
OUTPUT: STOP RECYCLE PUMP
CLOSE VALVE V-7
LOGIC: OPEN/CLOSE VALVE V-7 FROM RECYCLE PUMP RUN CONTACT
OUTPUT: OPEN VALVE V-7

DOUBLE CONTAINMENT PIPELINE INTERSTATIAL LEAK DETECTION

INPUT: LS-128 INTERSTATIAL LEAK DETECTOR
LOGIC: SWITCH LS-128 OPENS ON HIGH LEVEL
OUTPUT: LEAK DETECTED IN WELL DISCHARGE PIPELINE, A-5 AT AUTO-DIALER
STOP WELL PUMP RW-1
LOG ON ALARM REPORT

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. I-2, FILE NO. 100.09.13F, DATED: SEPTEMBER 24, 1993)

NOT TO SCALE

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _ _ _ _ _ _ _ _
Designed by _ _ _ _ _ _ _ _
Drawn by _ _ _ _ _ _ _ _
Checked by _ _ _ _ _ _ _ _

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

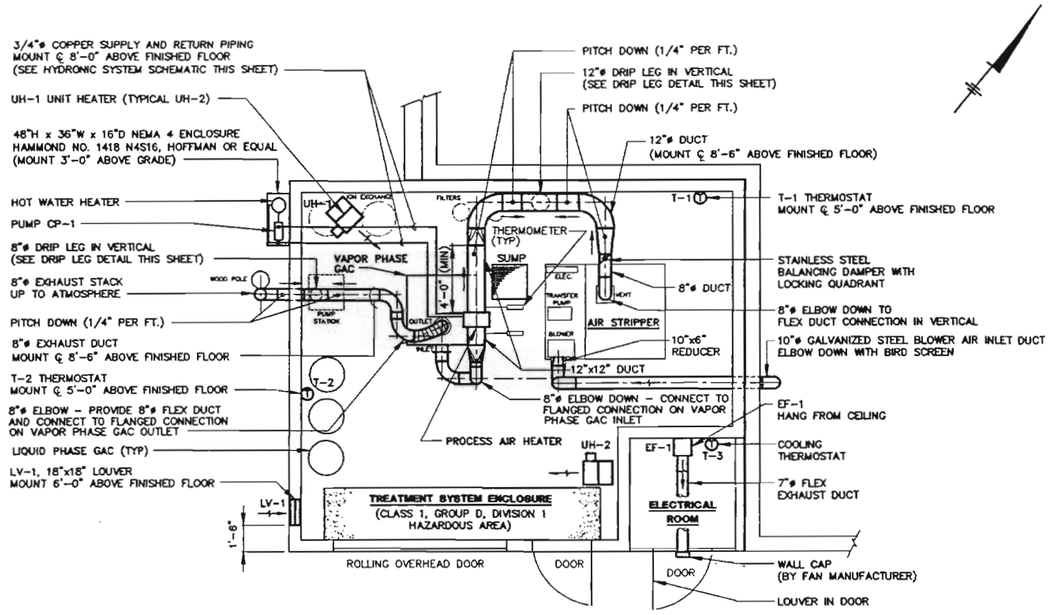
GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

PROGRAMMABLE LOGIC SEQUENCES

INSTRUMENTATION

File Number 100.09.82F
Date DECEMBER 1994
_ _ _ _ _ _

I-2



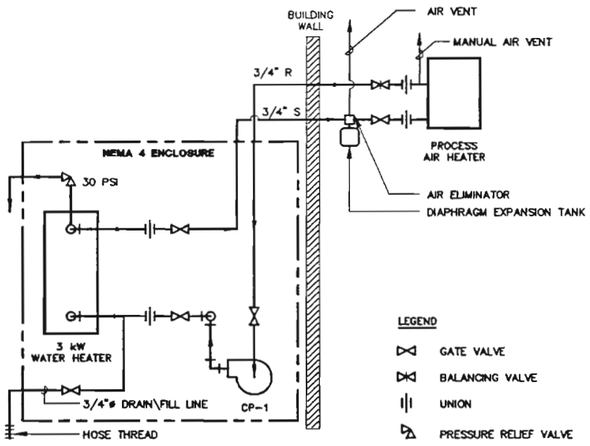
LEGEND

FUTURE EQUIPMENT (IF REQUIRED)

NOTE: INSULATE ALL DUCT WORK FOLLOWING THE PROCESS AIR HEATER TO THE BUILDING WALL.

HEATING/VENTILATING PARTIAL PLAN

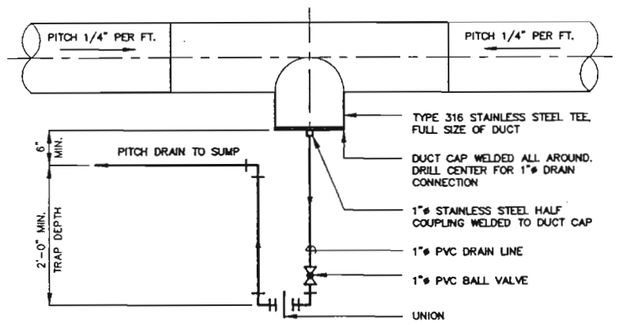
SCALE: 1/4"=1'-0"



NOTE: ALL PIPING SHALL BE INSULATED AS SPECIFIED.

HYDRONIC SYSTEM SCHEMATIC

NOT TO SCALE



DRIP LEG DETAIL

SCALE: 1"=1'-0"

RECORD DRAWING COMPILED FROM FIELD DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
BLASLAND, BOUCK & LEE, INC.
By _____

EQUIPMENT SPECIFICATIONS

A. UNIT HEATERS (UH-1 & UH-2)

1. HEATERS SHALL BE UL LISTED FOR USE IN CLASS 1, DIVISION 1, GROUP D HAZARDOUS AREAS.
2. HEATERS SHALL BE 5 KW, 208V, 3 PHASE.
3. HEATERS SHALL UTILIZE A LIQUID TO AIR HEAT EXCHANGER USING A PROPYLENE GLYCOL BASED HEAT TRANSFER FLUID.
4. HEATER CABINETS SHALL BE 14 GAUGE EPOXY COATED STEEL AND SHALL HAVE ADJUSTABLE DISCHARGE LOUVERS.
5. PROVIDE WITH MANUFACTURER'S WALL MOUNTED EXPLOSION PROOF THERMOSTAT.
6. UNITS SHALL BE RUFFNECK MODEL XL 312-208360-5.0 OR EQUAL.

B. PROCESS AIR HEATER

1. UNIT SHALL BE A HOT WATER DUCT COIL WITH 5/8" O.D. TUBES AND PERMANENTLY BONDED FINS. CASING, TUBES AND FINS SHALL BE TYPE 304 SS.
2. UNIT SHALL BE CAPABLE OF INCREASING THE AIR TEMPERATURE BY 20° F WITH AN AIR FLOW OF 400 CFM WHEN SUPPLIED WITH 2 GPM, 180° F 50/50 WATER AND ETHYLENE GLYCOL SOLUTION. AIRSIDE PRESSURE DROP SHALL NOT EXCEED 0.5 INCHES W.C.; WATER SIDE PRESSURE DROP SHALL NOT EXCEED 5 FEET OF HEAD.
3. COIL SHALL BE MARLO COIL TYPE W OR EQUAL.

C. HOT WATER HEATER

1. UNIT SHALL BE INSTANTANEOUS TYPE WITH COPPER SHEATHED IMMERSION HEATERS RATED AT 55 WATTS PER SQUARE INCH, STEEL PRESSURE VESSEL INSULATED WITH 2 INCHES OF FIBERGLASS, ALUMINIZED STEEL COVER, AND 50°-250° F THERMOSTAT MOUNTED ON THE COVER. THE THERMOSTAT SHALL BE LINE VOLTAGE SIZED FOR FOR THE LOADS AND BE FACTORY WIRED FOR SINGLE STAGE CONTROL.
2. CAPACITY SHALL BE 3.0 KW, 208V, 3 PHASE. STORAGE CAPACITY SHALL BE 0.28 GALLONS MINIMUM.
3. UNIT SHALL BE INDEECO SERIES 355 OR EQUAL.

D. CIRCULATING PUMP (CP-1)

1. UNIT SHALL BE AN IN-LINE STYLE PUMP SUITABLE FOR 225° F OPERATION AT 125 PSIG WORKING PRESSURE.
2. PUMP SHALL HAVE A HARDENED STAINLESS STEEL SHAFT SUPPORTED BY CARBON SLEEVE BEARINGS WHICH SHALL BE LUBRICATED BY THE CIRCULATING MEDIUM. PUMP BODY SHALL BE CAST IRON.
3. THE MOTOR STATOR SHALL BE ISOLATED FROM THE CIRCULATING FLUID, AND THE MOTOR ROTOR SHALL BE SHEATHED IN STAINLESS STEEL.
4. THE MOTOR SHALL BE 115V, 60HZ, SINGLE PHASE, AND SHALL BE FIXED WITH 4 STAGE SPEED ADJUSTMENTS AND IMPEDANCE PROTECTION. MOTORS SHALL BE NON-OVERLOADING AT ANY POINT ON THE PUMP CURVE.
5. PUMP CAPACITY SHALL BE 2 GPM AT 8 FEET HEAD.
6. PUMP SHALL BE BELL & GOSSETT MODEL SLC-25, OR EQUAL.

E. HYDRONIC PIPING & SPECIALTIES

1. PIPING SHALL BE ASTM B88 TYPE L COPPER WITH ANSI/ASME B16.29 WROUGHT COPPER FITTINGS. JOINTS SHALL BE SOLDERED WITH GRADE 95TA SOLDER. UNIONS SHALL BE BRONZE WITH SOLDER JOINTS.
2. EXPANSION TANK SHALL BE DIAPHRAGM TYPE WITH A FACTORY CHARGE OF 12 PSI, AND SHALL BE PROVIDED WITH MANUFACTURERS IN-LINE AIR SEPARATOR AND FLOAT TYPE AIR VENT AS A PACKAGED SYSTEM. SYSTEM SHALL BE NO. 490 SERIES TACO-TROL COMBINATION AS MANUFACTURED BY TACO, INC. OR EQUAL.
3. GATE VALVES SHALL BE BRONZE BODY, NON-RISING STEM, INSIDE SCREW, DOUBLE WEDGE OR DISC, SOLDER OR SCREWED ENDS AS MANUFACTURED BY NIBCO OR EQUAL.
4. BALANCING VALVE SHALL BE BRONZE BODY, BRASS BALL CONSTRUCTION WITH DIFFERENTIAL PRESSURE READ-OUT PORTS ACROSS THE SEAT AREA. READ-OUT PORTS SHALL HAVE INTEGRAL CHECK VALVES. VALVES SHALL HAVE CALIBRATED NAME PLATE, MEMORY STOP FEATURE, AND SHALL BE LEAK-TIGHT AT FULL RATED WORKING PRESSURE. PROVIDE MANUFACTURER'S PREFORMED INSULATION PACK. VALVES SHALL BE CIRCUIT SETTER PLUS AS MANUFACTURED BY BELL & GOSSETT, OR EQUAL.
5. ASME SAFETY RELIEF VALVE SHALL BE BRONZE BODY WITH DIAPHRAGM ASSISTED OPERATION SET TO RELIEVE AT 30 PSIG. VALVE SHALL BE MODEL 790 AS MANUFACTURED BY BELL & GOSSETT, OR EQUAL.
6. PIPE INSULATION SHALL BE 1" THICK FIBERGLASS WITH PVC JACKET AND PREFORMED FITTING COVERS. INSULATION SYSTEM SHALL BE MICRO-LOK WITH FITTING COVERS AS MANUFACTURED BY MANVILLE, OR EQUAL.

F. LOUVERS

1. FRAME SHALL BE 6" DEEP, 6063T5 EXTRUDED ALUMINUM, 0.125" THICK.
2. STATIONARY BLADES SHALL BE 6063T5 EXTRUDED ALUMINUM, 0.081" THICK, POSITIONED AT 37° ON APPROXIMATELY 4-1/2" CENTERS.
3. ADJUSTABLE BLADES SHALL BE 6063T5 EXTRUDED ALUMINUM, 0.125" THICK, MOUNTED ON 1/2" PLATED STEEL HEX AXLE INSTALLED IN STAINLESS STEEL SLEEVE BEARINGS PRESSED INTO THE FRAME.
4. UNIT SHALL BE PROVIDED WITH FLANGED FRAME, MANUAL LOCKING QUADRANT, BIRD SCREEN AND INSECT SCREEN.
5. LOUVER SHALL HANDLE 400 CFM AT APPROXIMATELY 610 FPM FREE AREA VELOCITY AND A PRESSURE DROP OF APPROXIMATELY 0.04" W.C.
6. LOUVER SHALL BE RUSKIN MODEL ELC6375, OR EQUAL.

G. DUCTWORK

1. UNLESS SPECIFICALLY SHOWN OTHERWISE, EXHAUST DUCTWORK SHALL BE FABRICATED OF ASTM A167 TYPE 316 STAINLESS STEEL, 18 GAGE MINIMUM.
2. DUCTWORK JOINTS, FABRICATION, AND SUPPORTS SHALL BE IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS.
3. DUCT INSULATION SHALL BE 2" THICK BLANKET TYPE FIBERGLASS WITH A VAPOR RETARDER FACING CONSISTING OF ALUMINUM FOIL AND KRAFT PAPER WITH GLASS SCRIM REINFORCING (FSK) AS MANUFACTURED BY CERTAINTEED, OR EQUAL.
4. FLEX DUCT SHALL BE FOUR PLY EXTRA HEAVY DUTY VINYL COATED POLYESTER FABRIC WITH STEEL WIRE SUPPORT HELIX, AND SMOOTH WALLS TO REDUCE FRICTION LOSS. TUF-COTE AS MANUFACTURED BY FEDERAL HOSE MANUFACTURING CORP. OR EQUAL.

H. EXHAUST FAN (EF-1)

1. UNIT SHALL BE CABINET STYLE FAN WITH DYNAMICALLY BALANCED FAN WHEEL AND 1/2" THK. ACOUSTIC INSULATION.
2. FAN CAPACITY SHALL BE 395 CFM AT 1/4" W.C., 120 VAC, 1 PHASE.
3. PROVIDE WITH MANUFACTURER'S WALL CAP.
4. FAN SHALL BE CARNES MODEL VCD8045 OR EQUAL.

I. COOLING-THERMOSTAT (T-3)

1. LINE VOLTAGE WITH SPDT SNAP SWITCH RATED AT 16.0 FLA AT 120 VAC.
2. ADJUSTMENT RANGE OF 35° F TO 100° F.
3. UNIT SHALL BE HONEYWELL T631A OR EQUAL.

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO ALL APPLICABLE RULES, REGULATIONS AND CODES INCLUDING, BUT NOT LIMITED TO, NYS BUILDING CODE, AND SARATOGA COUNTY HEALTH DEPARTMENT REGULATIONS.
2. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE PRINTED INSTRUCTIONS AND/OR THE MANUFACTURER'S REPRESENTATIVES DIRECTIONS.
3. THE HYDRONIC SYSTEM SHALL BE FILLED WITH 50% ETHYLENE GLYCOL AND 50% WATER. THE CONTRACTOR SHALL FILL THE SYSTEM AND BE RESPONSIBLE FOR PROVIDING A LEAK FREE SYSTEM AT OPERATING TEMPERATURE AND PRESSURE. AUTOMOTIVE TYPE ANTIFREEZE SHALL NOT BE USED.

THIS DRAWING ORIGINALLY SUBMITTED AS BLASLAND & BOUCK ENGINEERS, P.C.
(RECORD DRAWING: MADE FROM DRAWING NO. H-1, FILE NO. 100.09.14F, REVISION NO. 1, DATED: SEPTEMBER 24, 1993)

SCALE 1/4"=1'-0": 4' 0 4' 8'
SCALE 1"=1'-0": 1' 0 1' 2'

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init

In charge of _____
Designed by _____
Drawn by _____
Checked by _____

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS
SYRACUSE, NEW YORK

GENERAL ELECTRIC COMPANY • ALBANY, NEW YORK
MOREAU SITE CONTAINMENT SYSTEM ENHANCEMENT
SOUTH GLENS FALLS, NEW YORK

HVAC PLAN, DETAIL, SCHEMATIC AND SPECIFICATIONS

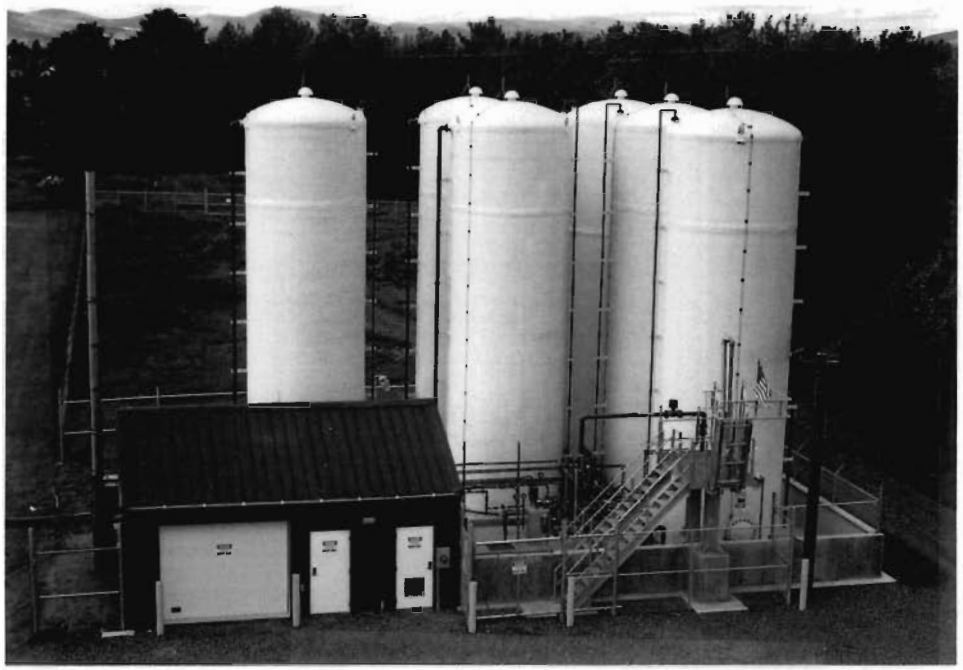
HEATING/VENTILATING

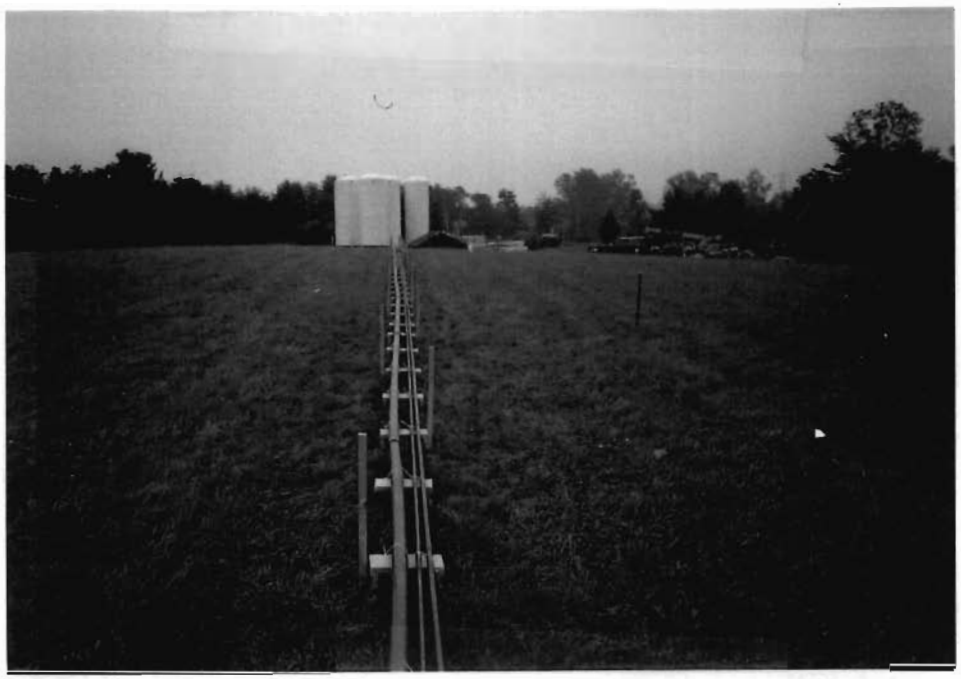
File Number 100.09.83F
Date DECEMBER 1994

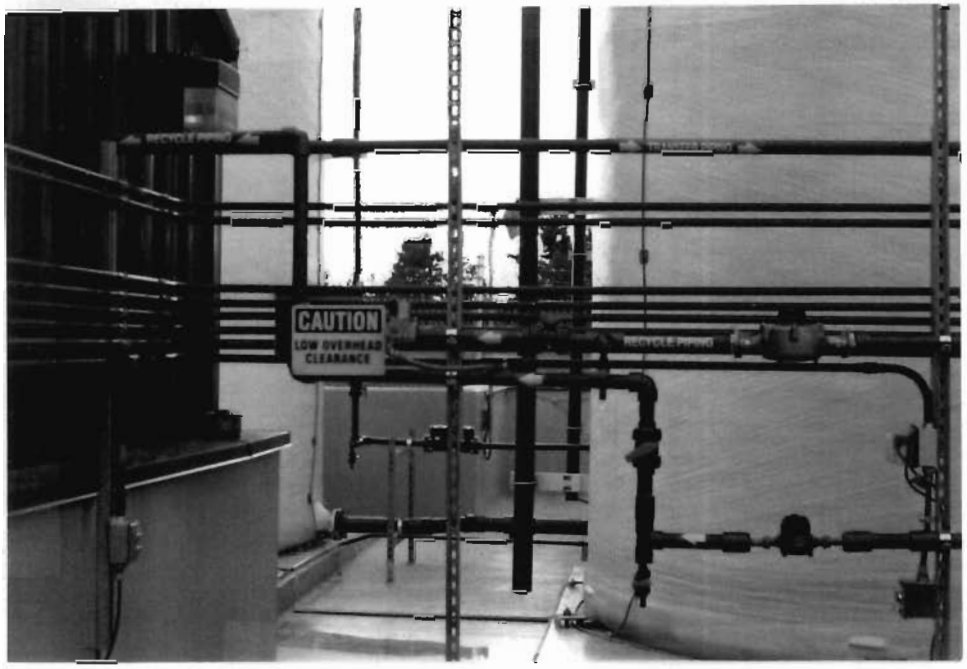
H-1

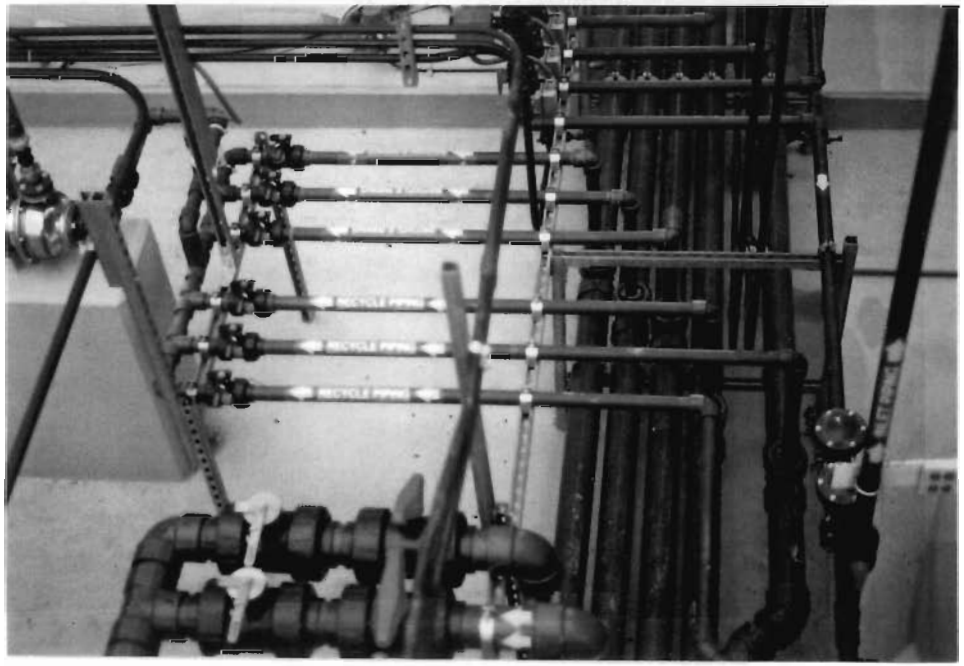
Attachment 5

Photographs of Completed Containment System Enhancement






CAUTION
LOW OVERHEAD
CLEARANCE



Attachment 6

Engineer's Certification Statement

ENGINEERS CERTIFICATION

Owner:	General Electric Company	**Engineer:**	Blasland, Bouck & Lee, Inc.
Project:	Containment System Enhancement Moreau Site South Glens Falls, New York	**Engineer's Project #:** **Contractor:** **Contract Date:**	0100.10009 Maxymillian Technologies, Inc. November 29, 1993

I hereby certify, as a Professional Engineer registered in the State of New York, that, based on our continuous observations of the subject contract, the work of this contract has been completed in general conformance with the Contract Documents contained in the Bidding Documents, dated October 13, 1993, and Addendum Nos. 1, 2, and 3 to the Contract Documents, dated October 25, October 28, and November 4, 1993, respectively. The Bidding Documents include the Contract Drawings and the Materials and Performance Specifications, dated September 24, 1993, and the Construction/Start-Up Plan dated October 5, 1993. These documents were approved by the United States Environmental Protection Agency and the New York State Department of Environmental Conservation on October 7, 1993 and October 8, 1993, respectively.

By: Edward R. Lynch

Edward R. Lynch, P.E.
Executive Vice President
Blasland, Bouck & Lee, Inc.

Date: 3/21/95