FINAL

Insilco Corporation

Phase II Site Investigation
Stewart Stamping Corporation
Yonkers, New York

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Michael B. Teetsel, C.P.G.
Principal-in-Charge

Environmental Resources Management
520 Broad Hollow Road, Suite 210
Melville, New York 11747
(631) 756-8900
www.erm.com

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1.0 *INTRODUCTION AND BACKGROUND*

Environmental Resources Management (ERM) performed a Phase II Site Investigation of the Stewart Stamping Corporation property located at 630 Central Park Avenue in Yonkers, New York (the Site). A site location map is provided as Figure 1-1 and a site plan as Figure 1-2. This work was performed for Insilco Corporation in anticipation of a financial transaction involving the facility.

The scope of the Phase II study was based on ERM's previous Phase I Environmental Assessment (ERM, November 2002). A summary of the Phase I findings is provided below.

1.1 *PREVIOUS ENVIRONMENTAL STUDIES*

The Phase I Environmental Site Assessment was assessment was conducted in conformance with the requirements of ASTM Standard E1527-00; *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The facility manufactures metal parts for the automotive and electronics components industries in several high speed stamping processes. There are also finishing processes including plating, polishing, and heat treatment performed at the facility. The facility is a source of regulated air emissions, wastewater discharges, and hazardous waste. Principal raw materials in use at the facility consist of coiled steel, steel alloy, and copper; plating chemistry; lubricant; and hydraulic oil.

The facility consists of approximately 350,000-square feet of building space on an approximately 4-acre property. An estimated 70 percent of the building houses manufacturing operations, with the remainder used for warehousing and offices. Stewart Stamping has operated at the Central Park Avenue location since approximately 1942. The facility was reportedly constructed in approximately 1930 as a warehouse for the Wanamaker Department Stores on previously undeveloped land.

ERM identified Recognized Environmental Conditions (RECs) at the facility, which are summarized below.

- Plating Chemical Spillage and Historic Operations - The plating room at the facility has been reportedly used for metal parts finishing throughout most of the facility's operational history. ERM noted areas of plating chemical spillage within concrete berms under the plating lines and in concrete sluices and sumps used to convey these chemicals to the on-site wastewater pretreatment facility. Several of these containment areas appear to

have been recently lined with chemical-resistant synthetic liners, and other areas do not have such liners. The plating room floor was recently refinished, and a former wastewater collection sump was filled and covered in the process. The condition of this sump at the time of closure is unknown. Historic operations in this area present a concern for releases of plating chemistry to the environment.

- Historic Chlorinated Organic Solvent Use - Substantial quantities (approximately 30 tons annually) of methylene chloride and trichloroethylene are used for parts cleaning at the facility. Certain metal product lines are finished in two (2) vapor degreasers at the facility. The older vapor degreaser, in operation for at least 20 years, is set in a concrete sump. The condition of this sump beneath the degreaser is unknown as it reportedly has never been inspected. Historic operations in this area present a concern for releases of solvents to the environment. Little is known regarding historic degreasing operations or practices at the facility.

- Former Underground Storage Tanks - Six (6) underground tank systems were closed in place at the facility in 1996. Two (2) of these underground storage tanks (USTs) contained water storage (8,000 gallons each). The remaining four (4) USTs contained No. 4 fuel oil (two 3,000 gallon USTs, and two 5,000 gallon USTs). These tanks were tested and found to be tight. They were then filled with a concrete slurry mix and closed in place. There was no subsurface sampling conducted to verify conditions as part of the UST closure.

1.2 *PHASE II SCOPE OF WORK*

The objective of the Phase II work was to investigate the RECs identified in the Phase I for potential releases to the environment. The initial investigation scope included the installation of shallow overburden monitoring wells to assess site ground water and indoor soil borings to evaluate soil conditions in and around the RECs. However, attempts to install monitoring wells in the overburden revealed that shallow bedrock was present and no saturated soil was present at the site. In addition, efforts to install soil borings beneath the building were unsuccessful due to the ubiquitous presence of a sub-floor that prevented penetration deeper than two to three feet below the building slab. As a result of these conditions, the implemented scope of services was limited to the work elements presented below.

1.2.1 *Ground Water Investigation*

Two new bedrock monitoring wells were installed at the Site using the air rotary drilling method. Two additional wells were attempted using hollow-stem augers, but were not completed due to refusal on the bedrock surface. Each of these drilling locations is shown on Figure 1-3. Both completed wells were constructed with six-inch diameter steel casing set a minimum of five feet into competent bedrock. An open hole extended below the bottom of the casing to intersect water-bearing fractures in the rock. These two new wells were sampled along with one existing bedrock production well at the site. Prior to sampling, the depth to ground water will be measured and each well will be checked for the presence of light, non-aqueous phase liquid (LNAPL) using an optical interface probe. Each well was then sampled using low-flow sampling methodology to limit entrained solids. Other water chemistry parameters (temperature, specific conductance, pH, dissolved oxygen (DO) and oxidation-reduction potential (ORP) were monitored during the purging process. The sample was collected when three consecutive readings were within the following constraints:

- <15 NTU of turbidity;
- ± 0.2 units for pH;
- ± 5% for conductivity;
- ± 10% for DO and ORP; and
- < 1.0 feet of drawdown.

All ground water samples were analyzed for the following constituents:

- Volatile Organic Compounds (VOCs) by Method 624;
- Poly-aromatic Hydrocarbons (PAHs) by Method 625;
- Priority Pollutant Metals by Methods 200.7 and 245.1;
- Total Cyanide by Method 335.2; and
- Free (Weak Acid Dissociable) Cyanide by Method 335.2.

1.2.2 *Soils Investigation*

Three soil borings were installed and sampled as part of the soils investigation (see Figure 1-3 for locations). In addition, 12 other borings were attempted, but were not completed due to refusal on a sub-floor structure. The locations of these failed borings are shown on Figure 1-4.

One of the completed borings was installed through the base of the sump that holds the old vapor degreaser unit. A concrete core hole was drilled through the concrete sump bottom and one soil sample was collected

using a hand auger from the soil immediately beneath the concrete. Upon completion, the core hole was repaired.

The other two completed borings were installed using a Geoprobe machine and extended to bedrock or refusal. Continuous Macro-core samples were collected with each being screened for VOCs using a portable photo-ionization detector (PID). Two samples from these borings were selected for laboratory analysis based on the PID screening results and field observations.

All soil sample collected for laboratory analysis were analyzed for the following constituents:

- Volatile Organic Compounds (VOCs) by Method 8260;
- Poly-aromatic Hydrocarbons (PAHs) by Method 8270;
- Priority Pollutant Metals by Methods 6010 and 7471; and
- Total Cyanide by Method 9012.

2.0 *INVESTIGATION RESULTS*

2.1 *SITE HYDROGEOLOGY*

Five geologic logs were prepared for each soil boring or monitoring well that extended deeper than two to three feet. These logs are presented in Appendix A. The unconsolidated overburden was found to consist of an unstratified mixture of silt, sand and gravel, typical of the glacial ground moraine (till) deposits that outcrop in the local area. No ground water was encountered in the overburden material. Depth to bedrock was found to vary between eight and twenty feet.

Observations made from the air rotary drill cuttings indicated that the bedrock was dark colored and micaceous. This is typical of the Yonkers Gneiss (Precambrian) that occurs in the vicinity of the site. Published data (Fisher, 1970) describe this unit as a micaceous hornblende gneiss. One significant water bearing fracture was encountered during the drilling of well MW-1 at 34 to 35 feet below grade. In well MW-2, minor fractures that produced little or no water were encountered at 21 and 26 feet below grade.

During the development of well MW-2, depth to water measurements were recorded in MW-1 and the existing production well (MW-3) in an attempt to evaluate if any hydraulic interconnection exists between the three wells. While MW-2 was being pumped, no water level changes were observed in either MW-1 or MW-3. While this suggests a lack of hydraulic interconnection, these results are considered inconclusive due to the short duration of the test (30 minutes) and the low sustainable pumping rate produced by MW-2 (1.25 gpm).

Due to lack of definitive knowledge on the hydraulic interconnection of the water bearing fractures in the shallow bedrock, it was not possible to evaluate the site specific ground water flow direction.

The basic construction data for the three site wells are provided below.

Well	Well Depth	Casing Length	Depth to Bedrock	Static Depth to Water
MW-1	47 ft	26.8 ft	23 ft	21.05 ft
MW-2	43 ft	15 ft	8 ft	20.80 ft
MW-3	>300 ft	Unknown	Unknown	31.28 ft

2.2 *SOIL INVESTIGATION RESULTS*

Soil samples were collected to evaluate potential chemical releases to the subsurface from the old vapor degreaser, which sits below floor level in a sump structure, and from the numerous baths containing electroplating solutions in the facility plating room. A total of five samples were collected, from three separate boring locations. The results from all soil samples are provided in Table 2-1. It should be noted that the scope of the soil investigation was severely limited due to accessibility issues. As previously described in Section 1.2.2, twelve additional borings were attempted inside the building, but met refusal on a subfloor structure.

2.2.1 *Degreaser Area*

Two borings were installed in the vicinity of the old degreaser (see Figure 1-3 for locations). One boring consisted simply of a coring through the concrete base of the sump containing the degreaser unit and collection of one grab sample from the uppermost soil below the slab. This sample was designated DGSump1. The second boring was designated VD-3 and was located immediately outside the entrance to the concrete block room that houses the degreaser unit. This boring was installed by Geoprobe and was the only location inside the building that did not encounter refusal on the subfloor. Two samples were collected at this location for laboratory analysis from 6.0 to 8.0 and 13.0 to 15.0 feet below grade. The 13-15 foot horizon was selected based on a positive detection on the PID; the 6-8 foot sample was selected at random as no other indications of contamination were observed. The laboratory analytical results for the three samples collected in the degreaser area are summarized below:

- None of the three samples contained any VOCs (the primary constituents of concern for this area) at levels in excess of the New York State Recommended Soil Cleanup Objective (RSCO). The only VOCs detected were *de minimus* levels of acetone, methylene chloride, trichloroethene, tetrachloroethene and toluene.

- No PAHs were detected.

- The inorganic analyses indicated the presence of zinc marginally above the RSCO value. However, zinc was present at similar levels in all soil samples collected at the site, therefore it appears likely that this is a background condition. The sample collected beneath the sump also contained chromium slightly above the RSCO. No other inorganic analytes exceeded the RSCO.

2.2.2 *Plating Room*

Only one boring (MW2-B1) could be completed in the vicinity of the plating room (see Figure 1-3 for location). None of samples collected from this boring had sensory evidence of contamination, nor did they produce a response on the PID. As a result, two random samples were selected for laboratory analysis from 1.0 to 4.0 and 6.0 to 8.0 feet below grade. The laboratory analytical results for these two samples are summarized below:

- Neither of these samples contained any VOCs at levels in excess of the New York State Recommended Soil Cleanup Objective (RSCO).
- Low levels of PAHs were detected in the shallow sample. Only one PAH compound (benzo(a)pyrene) marginally exceeded the RSCO.
- The inorganic analyses indicated the presence of zinc marginally above the RSCO value. However, as previously discussed, it appears likely that this is a background condition. No other inorganic analytes exceeded the RSCO.

2.2.3 *Abandoned Underground Storage Tanks*

The evaluation of potential releases from these structures was limited to investigation of the site ground water. See Section 2.3 for discussion of these results.

2.3 *GROUND WATER INVESTIGATION RESULTS*

Prior to sampling, each well was gauged for the presence of light, non-aqueous phase liquid (LNAPL). No LNAPL was detected in any of the three on-site wells. The wells were then sampled using low-flow methodology as previously described in Section 1.2.1. The results of the laboratory analyses are summarized in Table 2-2. The original laboratory data sheets are provided in Appendix C. The results of the water chemistry monitoring performed in the field are provided below (data recorded at the time of sample collection).

Well	Temp. (°C)	pH (std units)	Turbidity (NTUs)	ORP (mV)	Spec. Cond. (mS/cm)	DO (mg/L)
MW-1	17.9	6.08	15	118.4	0.683	0.78
MW-2	17.6	6.09	0.0	290.8	2.364	9.08
MW-3	16.1	7.19	5.0	-170.5	1.745	0.23

The water chemistry is similar in wells MW-1 and MW-2, but significantly different in MW-3. Most noteworthy are the differences in temperature, pH and ORP. This is not surprising considering the much greater depth of MW-3. This well is probably drawing water from deep fractures that are not in hydraulic communication with the shallow fractures intersected by MW-1 and MW-2.

The laboratory analytical results for the three ground water samples collected as part of this investigation are summarized below:

- No samples contained VOCs at levels in excess of the New York State Ambient Water Quality Standards.

- No PAHs were detected in any of the three wells.

- Well MW-1 did not contain any inorganic constituents above the applicable standards. Well MW-2 was found to contain relatively low levels of arsenic marginally above its standard. Zinc was also detected in MW-2 at high levels far in excess of its standard. The results from MW-3 indicated the presence of chromium at levels marginally above its standard.

3.0 *CONCLUSIONS*

ERM has completed a Phase II Site Investigation at the Stewart Stamping Corp. site in Yonkers, NY. The purpose of the investigation was to evaluate potential chemical releases to the environment in each of three Recognized Environmental Conditions (RECs) identified by ERM in a previous Phase I Environmental Site Assessment. Based on the data developed through this study (see Section 2.0 of this document) the following conclusions are made regarding the three RECs:

- Historic Electroplating Operations – The soil sampling data collected from boring MW2-B1 did not indicate the presence of plating chemistry. However, this is not surprising given the location of this boring outside of the room where the plating operations are performed. The ground water sampling results indicate high levels of zinc in well MW-2. Since zinc plating is performed as part of site operations, it seems likely that the presence of zinc in ground water is related to these activities. The extent of zinc-impacted ground water cannot be determined based on the available data. In addition, the detection of arsenic and chromium in ground water at levels slightly above the applicable standards may also be related to site operations, although a definitive cause-and-effect relationship does not exist as it does with the zinc findings.

- Historic Chlorinated Organic Solvent Use – The soil and ground water samples collected and analyzed for VOCs do not indicate that a significant amount of solvents have bee released to the subsurface as a result of past degreasing operations. The detected levels of VOCs were all well below applicable standards.

- Former Underground Storage Tanks (USTs) – There is no evidence that a significant amount of No. 4 fuel oil was released from these UST systems. No LNAPL was detected in the three on-site wells. In addition, no dissolved petroleum hydrocarbons were detected in the ground water samples collected as part of this investigation

4.0 SITE REMEDIATION COST ESTIMATE

This section provides an estimate of potential remedial costs based on the sampling results presented in this document. It is recognized that the site investigation work conducted to date does not represent a complete characterization of the property, as the extent of the impacted media has not been fully defined. As a result, assumptions are required in order to prepare a cost estimate. In accordance with the contract of sale for the property, this cost estimate must be based on a "Reasonable Most Likely Scenario". For the purposes of this exercise the Reasonable Most Likely Scenario shall be defined as a likely set of actions based on ERM's experience with similar projects and knowledge/understanding of regulatory requirements.

4.1 REASONABLE MOST LIKELY REMEDIATION SCENARIO

The detection of high levels of zinc in ground water indicates that releases have occurred from plating operations at the site. This remedial scenario therefore assumes that this finding will drive a regulatory requirement for soil and ground water remediation. It is assumed that no other condition exists at the site that will require further investigation or remediation. The cost estimate for this scenario is based on the following:

Soil Remediation Assumptions

- A complete soil investigation is performed to delineate the extent of impacted soil beneath the plating room.
- An area approximately 2000 ft^2 in size within the plating room contains impacted soil and requires remediation. This represents over 43% of the entire plating room.
- The average depth to bedrock within the impacted area is 9.0 feet. The subsurface material consists of 7.5 feet of soil and 1.5 feet of concrete. The in-place volume of impacted material therefore includes 556 cubic yards of soil and 111 cubic yards of concrete.
- The impacted soil will be remediated by excavation and off-site disposal. The implementation of the remedy assumes the following:
  - Plating operations are shut down and the room is cleared so that there is unfettered access to perform excavation activities.

- It is assumed that the excavation will not encounter ground water (i.e., the water table is below the soil/rock interface).

- Soil Density is 1.6 tons per cubic yard. Concrete density is 2.0 tons per cubic yard.

- The building foundation rests on bedrock therefore excavation can be performed without the need to install structural supports for the building.

- All excavated material will be disposed in a secure landfill as RCRA non-hazardous.

Ground Water Remediation Assumptions

- A bedrock ground water investigation will be performed to delineate the extent of all inorganic constituents above the applicable standards. The scope of this program is assumed to consist of the installation of up to five additional bedrock monitoring wells.

- Suitable off-site locations are accessible and available for well installation.

- No active remediation is required, however semi-annual ground water sampling will be conducted for ten years to monitor the natural attenuation of the plume.

The assumption of no active remediation is made based on the fact that except for zinc, all exceedences of the applicable standards are marginal. In addition, there are no receptors as ground water is not utilized for supply purposes in Yonkers. With regard to zinc, this metal is an essential nutrient, therefore its presence in ground water does not represent a significant risk.

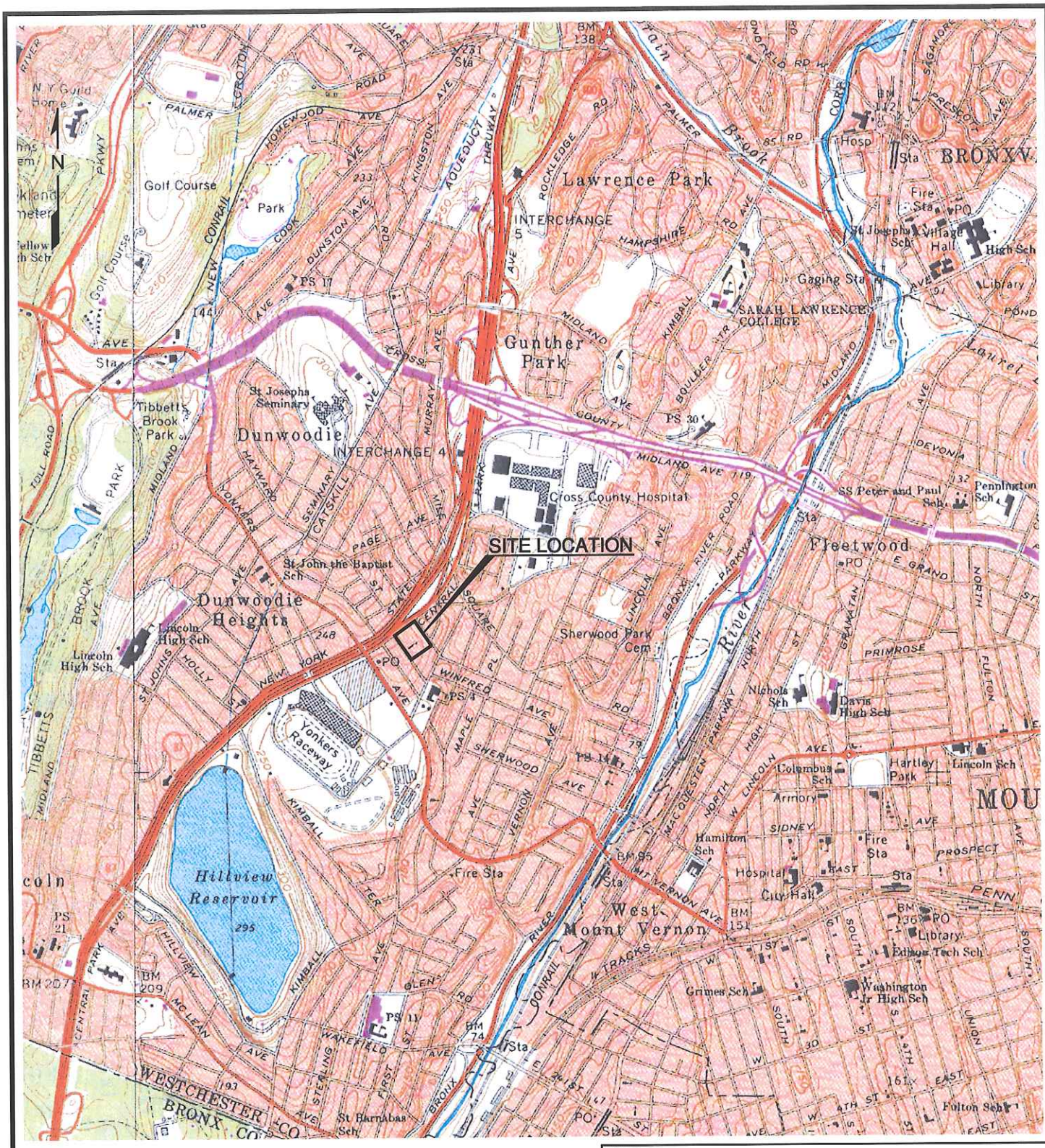
4.2 *REASONABLE MOST LIKELY SCENARIO COST ESTIMATE*

The cost estimate for the Reasonable Most Likely Scenario presented above is provided in Table 4-1. It should be noted that the soil remediation estimate is significantly impacted by the fact that the work will be conducted within the small area encompassed by the current plating room. The cost estimate assumes that except for this room, the remainder of the plant will remain in normal operation during the

excavation. This approach results in significantly higher costs to perform this work. As shown in Table 4-1, the estimated cost to implement the assumed scope of work for soil and ground water remediation at the Stewart Stamping site is:

- Soil Remedy - $1,264,930
- Ground Water Remedy - $ 296,125
- Project Total - $1,561,055

Figures



0 2000' 4000'

APPROX. GRAPHIC SCALE

SOURCE: U.S.G.S. QUADRANGLE MAPS, MT. VERNON, N.Y. 1966

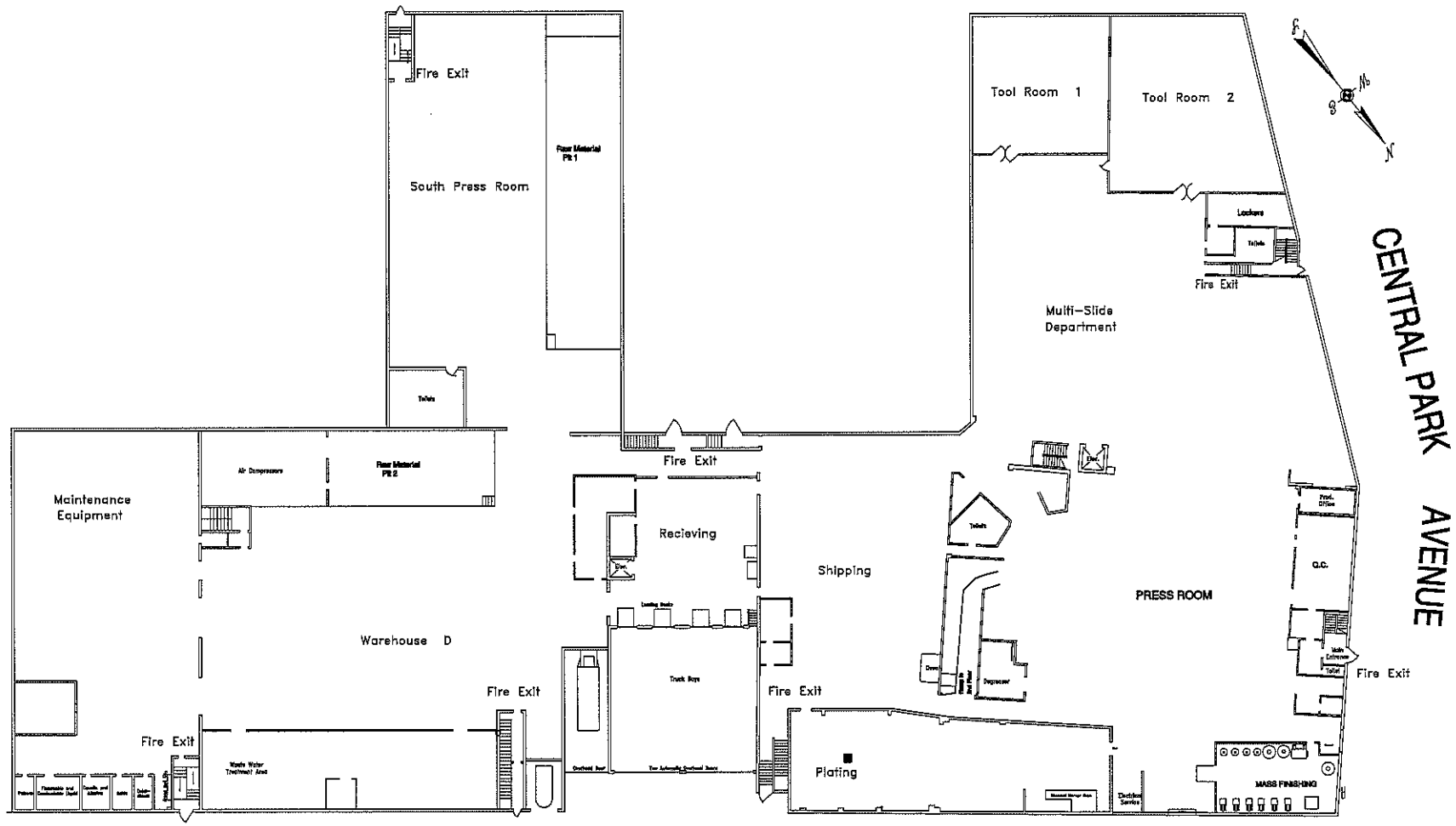
TITLE

SITE LOCATION MAP
STEWART STAMPING FACILITY
YONKERS, NY

PREPARED FOR

INSILCO CORPORATION

ERM Environmental Resources Management			SCALE: GRAPHIC	FIGURE: 1-1
DRAWN: Y.S.	JOB NO.: M1513.00	FILE NAME: M151300003	DATE: 10/24/02	



0 60' 120'

GRAPHIC SCALE

TITLE

SITE PLAN (FIRST FLOOR) STEWART STAMPING FACILITY YONKERS, NY

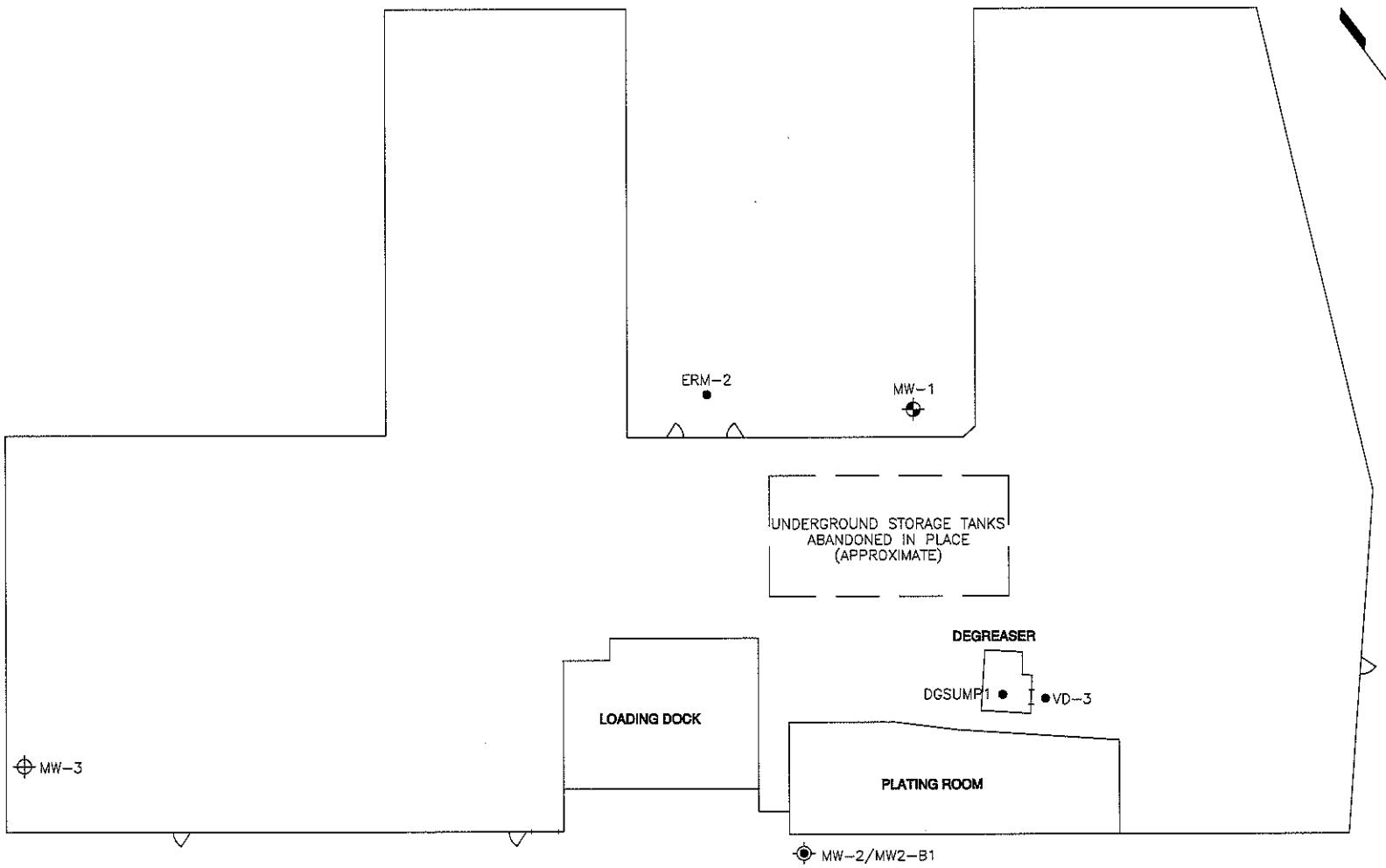
PREPARED FOR

INSILCO CORPORATION

ERM Environmental Resources Management

SCALE	FIGURE
GRAPHIC	1-2

DRAWN:	JOB NO.:	FILE NAME:	DATE
Y.S.	M1513.00	M15130004	10/24/02



LEGEND

- NEW BEDROCK MONITORING WELL
- EXISTING BEDROCK SUPPLY WELL
- NEW BEDROCK MONITORING WELL AND SOIL SAMPLING LOCATION
- SOIL BORING

0 60' 120'

GRAPHIC SCALE
(APPROXIMATE)

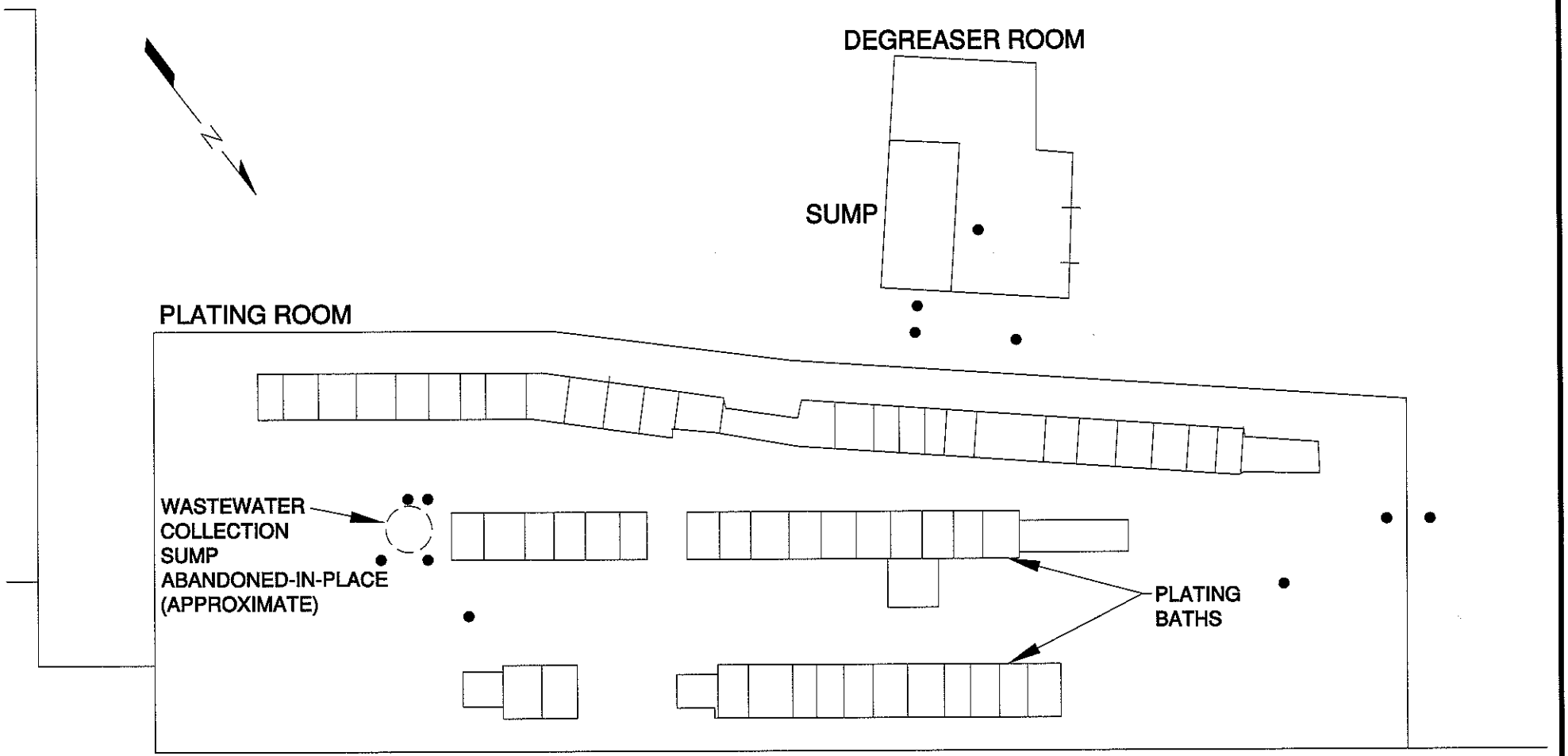
TITLE

MONITORING WELL AND
SOIL BORING LOCATIONS
STEWART STAMPING FACILITY
YONKERS NY

PREPARED FOR

INSILCO CORP.

ERM Environmental Resources Management			SCALE: NONE	FIGURE: 1-3
DRAWN: Y.S./E.M.F.	JOB NO.: M1513.00	FILE NAME: M151300007	DATE: 1/10/03	



LEGEND

● SOIL BORING ATTEMPTED, REFUSAL ENCOUNTERED ON SUB-FLOOR AT 2-4 FEET BELOW GRADE

0 15' 30'

GRAPHIC SCALE
(APPROXIMATE)

TITLE

UNSUCCESSFUL BORING LOCATIONS
STEWART STAMPING FACILITY
YONKERS NY

PREPARED FOR

INSILCO CORP.

ERM Environmental Resources Management

SCALE	FIGURE
GRAPHIC	1-4

DRAWN:	JOB NO.:	FILE NAME:	DATE
Y.S./E.M.F.	M1513.00	M151300006	1/10/03

Tables

TABLE 2-1a

Volatile Organic Compounds in Soil
Stewart Stamping Corp.
Yonkers, NY

Type		Soil	Soil	Soil	Soil	Soil
Date Collected	TAGM	10/03/02	10/03/02	01/02/03	01/02/03	01/02/03
Sample ID	NYSDEC	VD-3a	VD-3b	MW2-B1a	MW2-B1b	DGSump1
Sample Depth (feet below grade)	RSCO	6.0 - 8.0	13.0 - 15.0	1.0 - 4.0	6.0 - 8.0	0.5 - 1.0
Chloromethane	NS	<5	<5	<5	<5	<5
Vinyl Chloride	NS	<5	<5	<5	<5	<5
Bromomethane	200	<5	<5	<5	<5	<5
Chloroethane	NS	<5	<5	<5	<5	<5
1,1-Dichloroethene	NS	<5	<5	<5	<5	<5
Acetone	200	<10	<11	<11	<10	**7 J**
Carbon Disulfide	2700	<5	<5	<5	<5	<5
Methylene Chloride	400	**2 B**	**2 B**	**2 JB**	**2 JB**	**26 B**
trans-1,2-Dichloroethene	300	<5	<5	<5	<5	<5
1,1-Dichloroethane	200	<5	<5	<5	<5	<5
cis-1,2-Dichloroethene	250	<5	<5	<5	<5	<5
2-Butanone	300	<10	<11	<11	<10	<11
Chloroform	300	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	800	<5	<5	<5	<5	<5
Carbon Tetrachloride	600	<5	<5	<5	<5	<5
Benzene	60	<5	<5	<5	<5	<5
1,2-Dichloroethane	100	<5	<5	<5	<5	<5
Vinyl Acetate	NS	<5	<5	<5	<5	<5
Trichloroethene	700	<5	<5	<5	<5	**5 J**
1,2-Dichloropropane	NS	<5	<5	<5	<5	<5
Bromodichloromethane	NS	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	NS	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	300	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	NS	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1000	<10	<11	<11	<10	<11
Toluene	1500	<5	<5	**0.7 J**	<5	**0.9 J**
Tetrachloroethene	1400	<5	<5	<5	<5	**11**
2-Hexanone	300	<10	<11	<11	<10	<11
Dibromochloromethane	NS	<5	<5	<5	<5	<5
Chlorobenzene	1700	<5	<5	**0.6 J**	<5	<5
Ethylbenzene	5500	<5	<5	<5	<5	<5
Styrene	NS	<5	<5	<5	<5	<5
Bromoform	NS	<5	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane	600	<5	<5	<5	<5	<5
Xylenes (Total)	1200	<5	<5	<5	<5	<5

Results in ug/kg
Bold Face indicates constituent detection
Shaded cells indicate detections above NYSDEC Recommended Soil Cleanup Criteria
NS = No Standard
J = Reported concentration is a quantitative estimate
B = Analyte also detected in laboratory blank sample

TABLE 2-1b

Poly-Aromatic Hydrocarbons in Soil
Stewart Stamping Corp.
Yonkers, NY

Type		Soil	Soil	Soil	Soil	Soil
Date Collected	**TAGM**	10/03/02	10/03/02	01/02/03	01/02/03	01/02/03
Sample ID	**NYSDEC**	**VD-3a**	**VD-3b**	**MW2-B1a**	**MW2-B1b**	**DGSump1**
Sample Depth (feet below grade)	**RSCO**	**6.0 - 8.0**	**13.0 - 15.0**	**1.0 - 4.0**	**6.0 - 8.0**	**0.5 - 1.0**
Naphthalene	13,000	<330	<350	**44 J**	<330	<360
2-Methylnaphthalene	36,400	<330	<350	<350	<330	<360
Acenaphthylene	41,000	<330	<350	**12 J**	<330	<360
Acenaphthene	50,000	<330	<350	**39 J**	<330	<360
Fluorene	50,000	<330	<350	**45 J**	<330	<360
Phenanthrene	50,000	<330	<350	**490**	<330	<360
Anthracene	50,000	<330	<350	**84 J**	<330	<360
Fluoranthene	50,000	<330	<350	**490**	<330	<360
Pyrene	50,000	<330	<350	**510**	<330	<360
Benzo(a)anthracene	224	<330	<350	**200 J**	<330	<360
Chrysene	400	<330	<350	**210 J**	<330	<360
Benzo(b)fluoranthene	1,100	<330	<350	**110 J**	<330	<360
Benzo(k)fluoranthene	1,100	<330	<350	**180 J**	<330	<360
Benzo(a)pyrene	61	<330	<350	**160 J**	<330	<360
Indeno(1,2,3-cd)pyrene	3,200	<330	<350	**150 J**	<330	<360
Dibenz(a,h)anthracene	14	<330	<350	<350	<330	<360
Benzo(g,h,i)perylene	50,000	<330	<350	**160 J**	<330	<360

Results in ug/kg
Bold Face indicates constituent detection
Shaded cells indicate detections above NYSDEC Recommended Soil Cleanup Criteria
J = Reported concentration is a quantitative estimate

TABLE 2-1c

Inorganics in Soil
Stewart Stamping Corp.
Yonkers, NY

Type		Soil	Soil	Soil	Soil	Soil
Date Collected	**TAGM**	10/03/02	10/03/02	01/02/03	01/02/03	01/02/03
Sample ID	**NYSDEC**	**VD-3a**	**VD-3b**	**MW2-B1a**	**MW2-B1b**	**DGSump1**
Sample Depth (feet below grade)	**RSCO**	**6.0 - 8.0**	**13.0 - 15.0**	**1.0 - 4.0**	**6.0 - 8.0**	**0.5 - 1.0**
Mercury	SB	<2	<2.1	<2.1	<2.0	**0.039 B**
Antimony	SB	<10.6	<10.2	<9.8	<9.5	<9.4
Arsenic	8	**5.8 B**	**7.4**	**5.7 B**	**5.6 B**	**3.0 B**
Beryllium	1	<1.8	**0.51 B**	**0.66 B**	**0.50 B**	<1.6
Cadmium	1	<2.7	<2.6	<2.5	<2.4	<2.4
Chromium	10	**1.2 B**	**3.8**	**5.0**	**3.8**	**14.0**
Copper	25	**6.7**	**9.7**	**9.5**	**6.5**	**13.3**
Lead	30	**3.3 B**	**4.2 B**	**6.0 B**	**3.2 B**	**15.4**
Nickel	13	**2.5 B**	**3.4 B**	**5.0**	**3.2 B**	**10.4**
Selenium	2	<14.5	<13.9	<13.4	<12.9	<12.9
Silver	SB	<2.7	<2.6	<2.5	<2.4	<2.4
Thallium	SB	<19.9	<19.1	<18.4	<17.8	<17.8
Zinc	20	**60.2**	**80.7**	**65.5**	**57.0**	**34.8**
Cyanide (Total)	NS	<0.515	<0.524	<0.538	<0.517	<0.533
Cyanide (Weak Acid Disociable)	NS	<0.505	<0.519	<0.533	<0.522	<0.528

Results in mg/kg
Bold Face indicates constituent detection
Shaded cells indicate detections above NYSDEC Recommended Soil Cleanup Criteria
NS = No Standard
SB = Site Background
B = Reported concentration is a quantitative estimate

TABLE 2-2a

Stewart Stamping Corp.
Yonkers, NY
Ground Water Analytical Results

Type		Water	Water	Water
Date Collected	NYSDEC	12/30/02	12/30/02	12/30/02
Sample ID	TOGS	MW-1	MW-2	MW-3
Chloromethane	NS	<10	<10	<10
Vinyl Chloride	2	<10	<10	<10
Bromomethane	NS	<10	<10	<10
Chloroethane	NS	<10	<10	<10
1,1-Dichloroethene	5	<5	<5	<5
Acetone	NS	**2 J**	<10	<10
Carbon Disulfide	NS	<10	<10	<10
Methylene Chloride	5	<5	<5	**1 J**
trans-1,2-Dichloroethene	5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5
cis-1,2-Dichloroethene	NS	<5	<5	<5
2-Butanone	NS	<10	<10	<10
Chloroform	7	<5	<5	<5
1,1,1-Trichloroethane	5	<5	<5	<5
Carbon Tetrachloride	5	<5	<5	<5
Benzene	0.7	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5
Vinyl Acetate	NS	<10	<10	<10
Trichloroethene	5	**3 J**	<5	**3 J**
1,2-Dichloropropane	5	<5	<5	<5
Bromodichloromethane	50	<5	<5	<5
cis-1,3-Dichloropropene	NS	<5	<5	<5
trans-1,3-Dichloropropene	NS	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5
4-Methyl-2-Pentanone	NS	<10	<10	<10
Toluene	5	<5	<5	<5
Tetrachloroethene	5	<5	<5	<5
2-Hexanone	50	<10	<10	<10
Dibromochlormethane	50	<5	<5	<5
Chlorobenzene	5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5
Styrene	5	<5	<5	<5
Bromoform	50	<5	<5	<5
1,1,1,2-Tetrachloroethane	NS	<5	<5	<5
Xylenes (Total)	5	<5	<5	<5

Results in ug/L
Bold Face indicates constituent detection
Shaded cells indicate detections above NYSDEC TOGS Ground Water Standard
NS = No Standard

TABLE 2-2b

Poly-Aromatic Hydrocarbons in Ground Water
Stewart Stamping Corp.
Yonkers, NY

Type		Water	Water	Water
Date Collected	NYSDEC	12/30/02	12/30/02	12/30/02
Sample ID	TOGS	MW-1	MW-2	MW-3
Naphthalene	10	<10	<11	<10
2-Methylnaphthalene	NS	<10	<11	<10
Acenaphthylene	NS	<10	<11	<10
Acenaphthene	20	<10	<11	<10
Fluorene	50	<10	<11	<10
Phenanthrene	50	<10	<11	<10
Anthracene	50	<10	<11	<10
Fluoranthene	50	<10	<11	<10
Pyrene	50	<10	<11	<10
Benzo(a)anthracene	0.002	<10	<11	<10
Chrysene	0.002	<10	<11	<10
Benzo(b)fluoranthene	0.002	<10	<11	<10
Benzo(k)fluoranthene	0.002	<10	<11	<10
Benzo(a)pyrene	ND	<10	<11	<10
Indeno(1,2,3-cd)pyrene	0.002	<10	<11	<10
Dibenz(a,h)anthracene	NS	<10	<11	<10
Benzo(g,h,i)perylene	NS	<10	<11	<10

Results in ug/L
Bold Face indicates constituent detection
Shaded cells indicate detections above NYSDEC TOGS Ground Water Standard
NS = No Standard

TABLE 2-2c

Inorganics in Ground Water
Stewart Stamping Corp.
Yonkers, NY

Type		Water	Water	Water
Date Collected	NYSDEC	12/30/02	12/30/02	12/30/02
Sample ID	TOGS	MW-1	MW-2	MW-3
Mercury	2	<0.2	<0.2	<0.2
Antimony	3	<20	<20	<20
Arsenic	25	<40	**64.4**	<40
Beryllium	3	<5	<5	<5
Cadmium	10	<10	**2.9 B**	<10
Chromium	50	**15.0**	<10	**108.0**
Copper	200	**2.4 B**	**4.0 B**	**4.8 B**
Lead	25	<10	**4.9 B**	<10
Nickel	100	**3.3 B**	**41.6**	**3.1 B**
Selenium	10	<30	<30	<30
Silver	50	<6	**3.2 B**	<6
Thallium	4	<40	<40	<40
Zinc	300	<50	**38,800**	**27.9 B**
Cyanide (Total)	100	<10	<10	<10
Cyanide (Weak Acid Disociable)	NS	<10	<10	<10

Results in ug/L
Bold Face indicates constituent detection
Shaded cells indicate detections above NYSDEC TOGS Ground Water Standard
NS = No Standard

TABLE 4-1

Site Remediation Cost Estimate
Stewart Stampling Corp.
Yonkers, NY

Soil Remedy Cost Estimate

Item	Unit	Unit Price	Most Likely Case Scenario		Notes
			Quantity	Cost	
Soil Investigation Lab and Drilling	LS	$30,000	1	$30,000	Up to 15 borings, two samples per boring, analysis for PP Metals
Site Investigation Consulting, Reporting	LS	$45,000	1	$45,000	None
Mobe/Demobe	LS	$10,000	1	$10,000	None
Concrete Removal and Soil Excavation	CY	$1,000	667	$667,000	Bobcat excavator; soil removed in 1 yd^3 bags using forklift
Provision of Clean Backfill	CY	$40	667	$26,680	Emplaced and compacted
Disposal of RCRA non-haz concrete	ton	$100	222	$22,200	Transportation and disposal (T&D) in a secure landfill
Disposal of RCRA non-haz soil	ton	$100	889.6	$88,960	Transportation and disposal (T&D) in a secure landfill
Site Restoration	LS	$50,000	1	$50,000	Concrete slab and miscellaneous
Health and Safety	LS	$10,000	1	$10,000	Disposable H&S equipment, monitoring equipment rental
Engineering, Oversight, Laboratory	LS	$174,968	1	$174,968	20% of above items
Contingency	LS	$131,226	1	$131,226	15% of above items
Contingency for T&D Market Costs	LS	$8,896	1	$8,896	10% of T&D subtotal
Soil Remedy Subtotals				$1,264,930	

Ground Water Remedy Cost Estimate

Item	Unit	Unit Price	Most Likely Case Scenario		Notes
			Quantity	Cost	
Bedrock Well Installation	well	$6,500	5	$32,500	Installation of five bedrock wells up to 75 feet in depth
Site Investigation Consulting, Reporting	LS	$75,000	1	$75,000	None
Semi-Annual Monitoring Program	year	$15,000	10	$150,000	Semi-annual sampling (low flow) of 8 wells. Analysis for PP Metals.
Contingency	LS	$38,625	1	$38,625	15% of above items
Ground Water Remedy Subtotals				$296,125	
Project Total				$1,561,055	

Appendix

LOG OF BORING : MW-1

Project name & location: Stewart Stamping, Yonkers NY	Project number: M1513.00.01	Date & time started: #######	Date & time completed:
Drilling company: ADT	Driller: Lloyd	Ground elevation & datum:	Completion depth: 20' / Rock depth: 20'
Drilling equipment: Truck-mounted drilling rig	Method: Hollow stem auger	Number of soil and/or rock samples:	disturbed: / undisturbed: -- / rock core: --
Bit(s): --	Core barrel(s): --	Ground Water level(s) information, in ft below ground:	Time: / Depth: / Notes: no groundwater
Casing: 4 1/4 " ID hollow stem auger (HSA)	Casing hammer: -- / Drop: --		
Soil sampling tool(s): 2 " OD Split spoon	Sampler hammer: / Drop: 24"	Drilling angle & direction: Vertical	Geologist: Jason Fernet

SOIL DESCRIPTION	GRAPHIC LOG	DEPTH (ft below grade)	SOIL SAMPLES No.	Recovery (ft)	Blow per 6 in.	Time collected	P.I.D. READINGS (ppm) Soil Sample	Ambient air	Time collected	REMARKS
4" of asphalt		0		0.5	2					no sample collected from 0-2'
					2					
brown fine silty sand		1			2		0.6	0		
					3					
		2								
		3								
		4								
		5								
brown fine sand and gravel		6		20"	7		0.9	0		no sample collected from 5-7'
					8					
		7			14		1.3	0		
					14					
		8								
		9								
		10								
fine brown sand and gravel		11		20"	14		2000	0		PID spike likely due to moisture in soil contaminating PID (soil was hot). There was no odor or staining. No sample collected.
					9					
Last 2" contained some red rocks		12			11					
					26					
		13								
		14								
		15								
fine sand/silt and gravel		16		5"	50		500			refusal at 15.5
		17								PID is contaminated at this point and not working properly, a new one is being delivered for tomorrow. No sample collected.
		18								
		19								
Tan med/coarse sand and gravel		20		5"	50		780			Refusal at 20' tried getting further with augers, but were grinding on rock. No sample collected.
		21								
		22								
		23								
		24								
		25								

ERM Northeast

WELL : MW-1

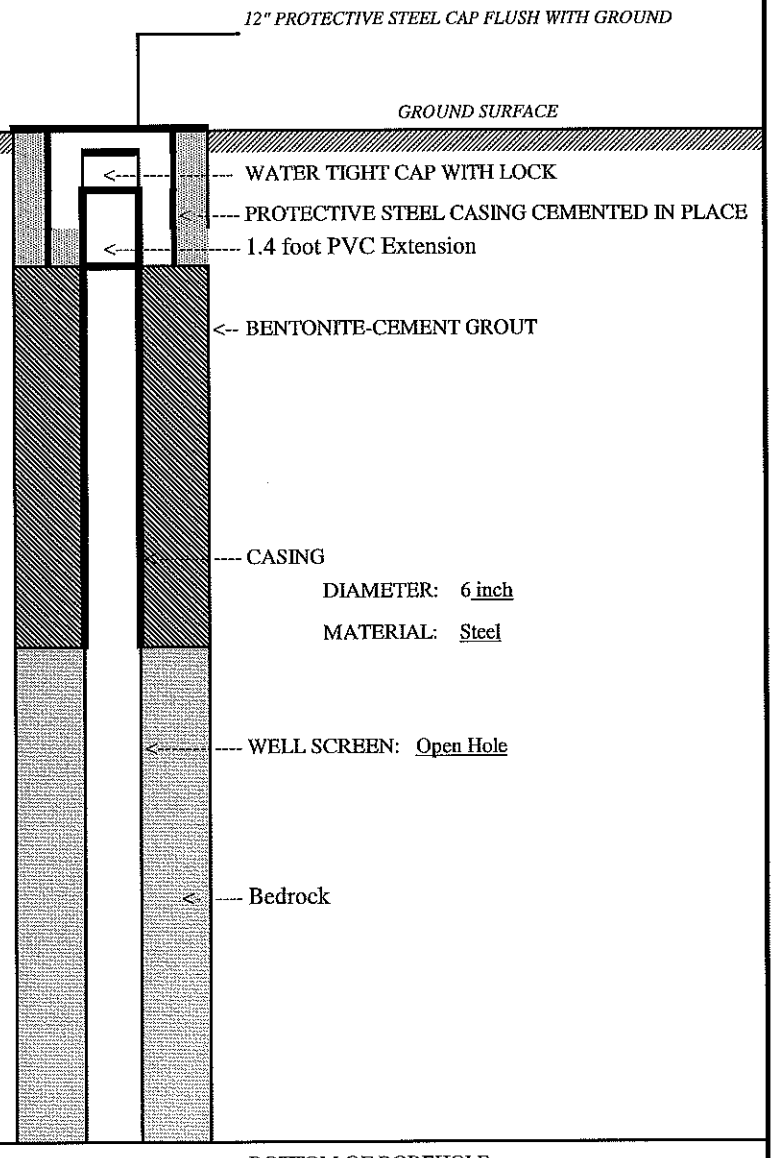
520 Broadhollow Road, Suite 210, Melville, NY 11747

MONITORING WELL CONSTRUCTION LOG

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum (feet)
Stewart Stamping, Yonkers	**M1513.00.01**				
Drilling Company	*Foreman*	Date	Time	Level (feet)	*Ground Elevation (feet)*
ADT	Jeremy Meyers				
Surveyor		10/20/02	14:19	13.2	*Top of Protective Steel Cap Elevation (feet)*
Date and Time of Completion	*Geologist*				*Top of Riser Pipe Elevation (feet)*
10/20/02 - 1500	Michael Mendes				

Generalized Soil Description	*Elevation	**Depth
	0.00	0.0
0-4" Asphalt	-0.40	0.4
4" to 19' Brown silty/clayey fine to medium sand, with gravels.	-1.80	1.8
19' to 22' Micacious hard rock/boulder of Manhatten Shcist.		
22' to 23' Slug of brown silt/ clay (not bedrock)		
23' to 27' Moist green bedrock hard rock.	-26.80	26.8
34' to 35' Large water bearing fracture, with silts and clays within the fracture.(Water very turbid)		
47' MW-1 completion depth		
	-47.10	47.1

CONSTRUCTION DETAILS



REMARKS _____

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ERM Northeast

WELL : MW-2

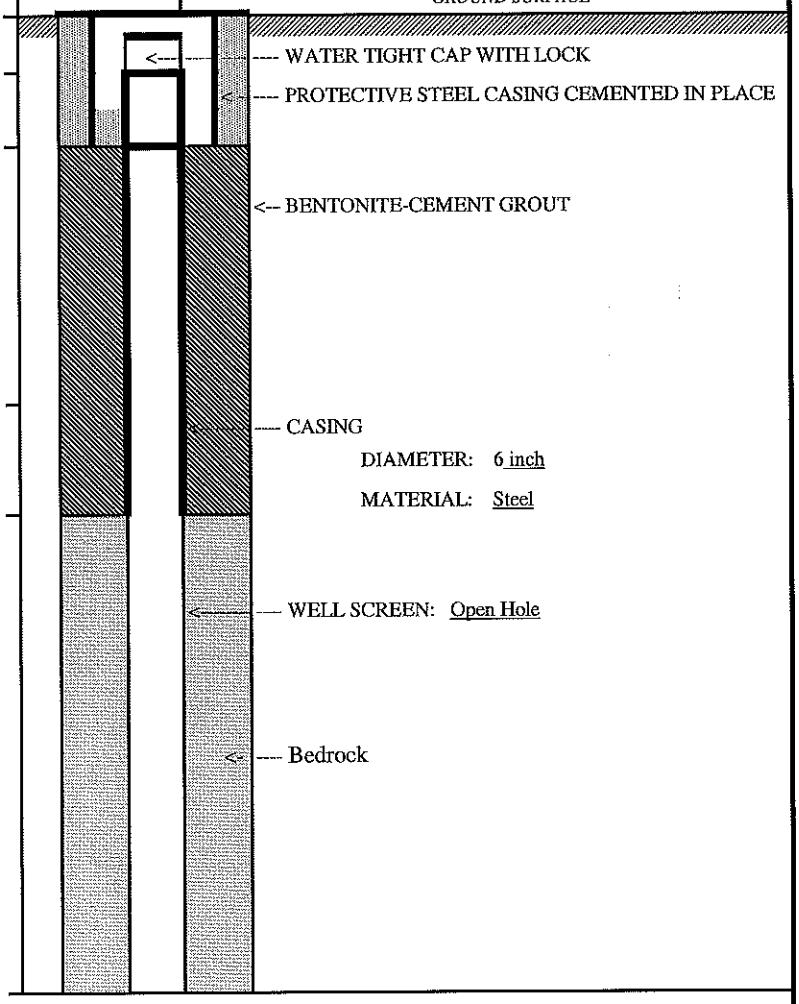
520 Broadhollow Road, Suite 210, Melville, NY 11747

MONITORING WELL CONSTRUCTION LOG

Project Name & Location	*Project No.*	*Water Level(s)* (ft below top of PVC casing)			*Site Elevation Datum (feet)*
Stewart Stamping, Yonkers	**M1513.00.01**				
Drilling Company	*Foreman*	Date	Time	Level (feet)	*Ground Elevation (feet)*
ADT	Jeremy Meyers				
Surveyor		11/01/02	12:00	21.8	*Top of Protective Steel Cap Elevation (feet)*
Date and Time of Completion	*Geologist*				*Top of Riser Pipe Elevation (feet)*
11/01/02 - 1500	Michael Mendes				

Generalized Soil Description	*Elevation	**Depth
	0.00	0.0
0-4" Concrete	-0.40	0.4
4" to 8' Mixture of Brown Silty sand and gravels with cobbles.	-1.00	1.0
8' Manhattan Shcist consisting of high mica(muscovite and biotite mixes) with feldspars. Very hard rock.		
8 to 15' Same as above Shcistose rock.	-15.00	15.0
15 to 21' Same as above. 21' Fracture encountered, visible by change in rock hardness and iron staining. Not a high water beareing fracture.		
26' Encountered fracture, very little water production.		
27 to 43' very little evidence of fractures. Allowed open hole to equilibrate. Well Recharge 1foot/2.5 min.	-43.00	43.0

CONSTRUCTION DETAILS



BOTTOM OF BOREHOLE

REMARKS _____

* Elevation (feet) above mean sea level unless noted

** Depth in feet below ground surface

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LOG OF BORING : ERM-2

Project name & location: Stewart Stamping, Yonkers NY	Project number: M1513.00.01	Date & time started: ######	Date & time completed:
Drilling company: ADT	Driller: Lloyd	Ground elevation & datum:	Completion depth: 10' / Rock depth: 10'
Drilling equipment: Truck-mounted drilling rig	Method: Hollow stem auger	Number of soil and/or rock samples:	disturbed: / undisturbed: -- / rock core: --
Bit(s): --	Core barrel(s): --	Ground Water level(s) information, in ft below ground: Time / Depth	Notes: no groundwater
Casing: 4 1/4 " ID hollow stem auger (HSA)	Casing hammer: -- / Drop: --		
Soil sampling tool(s): 2 " OD Split spoon	Sampler hammer: / Drop: 24"	Drilling angle & direction: Vertical	Geologist: Jason Fernet

SOIL DESCRIPTION	GRAPHIC LOG	DEPTH (ft below grade)	SOIL SAMPLES No.	Recovery (ft)	Blow per 6 in.	Time collected	P.I.D. READINGS (ppm) Soil Sample	Ambient air	Time collected	REMARKS
organic soil		0		15"	2					no sample collected from 0-2'. PID not working properly at this time, therefore readings were not taken. No staining or odors.
		1			4					
					3					
		2			4					
		3								
		4								
		5								
medium red brown sand		6		20"	4					no sample collected from 5-7' No staining or odors.
					3					
		7			4					
					7					
		8								
		9								
		10								
				0	5					No sample in the spoon. Tried to auger past rocks but was unsuccessful. No staining or odors.
		11			40					
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								
		20								
		21								
		22								
		23								
		24								
		25								

LOG OF BORING : ERM-3

Project name & location: Stewart Stamping, Yonkers NY	Project number: M1513.00.01	Date & time started: ######	Date & time completed:
Drilling company: ADT	Driller: Lloyd	Ground elevation & datum:	Completion depth: 13' / Rock depth: 13'
Drilling equipment: Truck-mounted drilling rig	Method: Hollow stem auger	Number of soil and/or rock samples:	disturbed: / undisturbed: -- / rock core: --
Bit(s): --	Core barrel(s): --	Ground Water level(s) information, in ft below ground:	Time: / Depth: / Notes: no groundwater
Casing: 4 1/4 " ID hollow stem auger (HSA)	Casing hammer: -- / Drop: --		
Soil sampling tool(s): 2 " OD Split spoon	Sampler hammer: / Drop: 24"	Drilling angle & direction: Vertical	Geologist: Jason Fernet

SOIL DESCRIPTION	GRAPHIC LOG	DEPTH (ft below grade)	SOIL SAMPLES: No.	Recovery (ft)	Blow per 6 in.	Time collected	P.I.D. READINGS (ppm): Soil Sample	Ambient air	Time collected	REMARKS
brown sand and gravel		0		6"	13					no sample collected from 0-2'. New PID not arrived at site yet, therefore readings were not taken. No staining or odors.
		1			12					
		2			6					
					4					
		3								
		4								
		5								
medium brown sand and gravel		6		4"	3					No sample collected from 5-7' No staining or odors.
		7			2					
					1					
					3					
		8								
		9								
		10								
medium brown sand and gravel		11		0	3					No sample in the spoon. Tried to auger past rocks but was unsuccessful. No staining or odors.
		12			21					
					14					
					8					
		13								Augers grinding on rock at 13'.
		14								
		15								
		16								
		17								
		18								
		19								
		20								
		21								
		22								
		23								
		24								
		25								

ERM

LOG OF BORING : VD-3

Project name & location: Stewart Stamping, Yonkers NY	Project number: M1513.00.01	Date & time started: ######	Date & time completed:
Drilling company: ADT	Driller: Scott	Ground elevation & datum:	Completion depth: 15' / Rock depth: unknown
Drilling equipment: Track mounted Geoprobe (54LT)	Method: Geoprobe	Number of soil and/or rock samples:	disturbed: / undisturbed: -- / rock core: --
Bit(s): --	Core barrel(s): --	Ground Water level(s) information, in ft below ground	Time: / Depth: / Notes: no groundwater
Casing:	Casing hammer: -- / Drop: --		
Soil sampling tool(s): 2 " OD Macrocore	Sampler hammer: / Drop: 48"	Drilling angle & direction: Vertical	Geologist: Jason Fernet

SOIL DESCRIPTION	GRAPHIC LOG	DEPTH (ft below grade)	SOIL SAMPLES No.	Recovery (ft)	Blow per 6 in.	Time collected	P.I.D. READINGS (ppm) Soil Sample	Ambient air	Time collected	REMARKS
Gravel top 12"		0		24"						
		1								
red brown fine sand		2					0	0		no sample collected
		3								
		4								
Top 2" red brown fine sand		5		48"						
Light brown med sand		6					0	0		Sample collected at 15:05 from 6-8', with a PID reading of 0.0 ppm.
		7								
		8								
		9		48"						
Light brown med sand		10					0	0		no sample collected
		11								
		12								
		13		36"						
brown med sand		14					250	0		Could not advance the Geoprobe beyond 15' due to the hole collapsing. PID reading was found at 14.5'. Sample collected from 13-15' with PID = 250 ppm.
		15								
		16								
		17								
		18								
		19								
		20								
		21								
		22								
		23								
		24								
		25								

SAMPLE INFORMATION

Date: 01/14/2003

Job Number.: 202842
Customer...: ERM
Attn.....: MIKE TEETSEL

Project Number.....: 20000620
Customer Project ID....: YONKERS
Project Description....: YONKERS

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
202842-1	MW-2-B1A	Soil	01/02/2003	10:40	01/02/2003	13:50
202842-2	MW-2-B1B	Soil	01/02/2003	10:50	01/02/2003	13:50
202842-3	DGSUMP1	Soil	01/02/2003	12:10	01/02/2003	13:50

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1A
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	91.1			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	8.9			0.10	0.10	1	%	13261		01/02/03 0000	nev
8260B	Volatile Organics											
	Chloromethane, Solid*	ND	U		0.9	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Vinyl chloride, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Bromomethane, Solid*	ND	U		3	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Chloroethane, Solid*	ND	U		0.8	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Carbon disulfide, Solid*	ND	U		0.2	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Acetone, Solid*	ND	U		6	11	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Methylene chloride, Solid*	2	J	B	1	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Vinyl acetate, Solid*	ND	U		3	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	cis-1,2-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	2-Butanone (MEK), Solid*	ND	U		3	11	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Chloroform, Solid*	ND	U		0.7	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,1,1-Trichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Carbon tetrachloride, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Benzene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,2-Dichloroethane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Trichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,2-Dichloropropane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Bromodichloromethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		3	11	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Toluene, Solid*	0.7	J		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1A
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	trans-1,3-Dichloropropene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Tetrachloroethene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	2-Hexanone, Solid*	ND	U		4	11	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Dibromochloromethane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Chlorobenzene, Solid*	0.6	J		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Ethylbenzene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Styrene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Bromoform, Solid*	ND	U		0.7	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1	5	1.00000	ug/Kg	13352		01/03/03 1223	pam
	Xylenes (total), Solid*	ND	U		1	5	1.00000	ug/Kg	13352		01/03/03 1223	pam

* In Description = Dry Wgt.

0005

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1B
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	95.8			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	4.2			0.10	0.10	1	%	13261		01/02/03 0000	nev
8260B	Volatile Organics											
	Chloromethane, Solid*	ND	U		0.8	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Vinyl chloride, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Bromomethane, Solid*	ND	U		3	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Chloroethane, Solid*	ND	U		0.7	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Carbon disulfide, Solid*	ND	U		0.2	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Acetone, Solid*	ND	U		5	10	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Methylene chloride, Solid*	2	J	B	1	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Vinyl acetate, Solid*	ND	U		3	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	cis-1,2-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	2-Butanone (MEK), Solid*	ND	U		3	10	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Chloroform, Solid*	ND	U		0.6	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,1,1-Trichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Carbon tetrachloride, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Benzene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,2-Dichloroethane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Trichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,2-Dichloropropane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Bromodichloromethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		3	10	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Toluene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1B
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	trans-1,3-Dichloropropene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Tetrachloroethene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	2-Hexanone, Solid*	ND	U		4	10	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Dibromochloromethane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Chlorobenzene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Ethylbenzene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Styrene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Bromoform, Solid*	ND	U		0.6	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.9	5	1.00000	ug/Kg	13352		01/03/03 1259	pam
	Xylenes (total), Solid*	ND	U		1	5	1.00000	ug/Kg	13352		01/03/03 1259	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/06/2003

PROJECT: YONKERS

ATTN: MIKE TEETSEL

CUSTOMER: ERM

Customer Sample ID: DGSUMP1
Date Sampled.....: 01/02/2003
Time Sampled.....: 12:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	91.1			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	8.9			0.10	0.10	1	%	13261		01/02/03 0000	nev
8260B	Volatile Organics											
	Chloromethane, Solid*	ND	U		0.9	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Vinyl chloride, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Bromomethane, Solid*	ND	U		3	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Chloroethane, Solid*	ND	U		0.8	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,1-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Carbon disulfide, Solid*	ND	U		0.2	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Acetone, Solid*	7	J		6	11	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Methylene chloride, Solid*	26		B	1	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	trans-1,2-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,1-Dichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Vinyl acetate, Solid*	ND	U		3	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	cis-1,2-Dichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	2-Butanone (MEK), Solid*	ND	U		3	11	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Chloroform, Solid*	ND	U		0.7	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,1,1-Trichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Carbon tetrachloride, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Benzene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,2-Dichloroethane, Solid*	5	J		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Trichloroethene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,2-Dichloropropane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Bromodichloromethane, Solid*	ND	U		3	11	1.00000	ug/Kg	13352		01/03/03 1335	pam
	cis-1,3-Dichloropropene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	4-Methyl-2-pentanone (MIBK), Solid*	0.9	J									
	Toluene, Solid*											

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: DGSUMP1
Date Sampled.....: 01/02/2003
Time Sampled.....: 12:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	trans-1,3-Dichloropropene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,1,2-Trichloroethane, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Tetrachloroethene, Solid*	11			0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	2-Hexanone, Solid*	ND	U		4	11	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Dibromochloromethane, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Chlorobenzene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Ethylbenzene, Solid*	ND	U		0.4	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Styrene, Solid*	ND	U		0.5	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Bromoform, Solid*	ND	U		0.7	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1	5	1.00000	ug/Kg	13352		01/03/03 1335	pam
	Xylenes (total), Solid*	ND	U		1	5	1.00000	ug/Kg	13352		01/03/03 1335	pam

* In Description = Dry Wgt.

6000

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1A
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Naphthalene, Solid*	44	J		34	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	2-Methylnaphthalene, Solid*	ND	U		29	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Acenaphthylene, Solid*	12	J		12	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Acenaphthene, Solid*	37	J		16	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Fluorene, Solid*	47	J		21	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Phenanthrene, Solid*	480			25	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Anthracene, Solid*	81	J		13	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Fluoranthene, Solid*	490			23	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Pyrene, Solid*	470			20	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Benzo(a)anthracene, Solid*	200			16	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Chrysene, Solid*	210			18	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Benzo(b)fluoranthene, Solid*	140	J	H	40	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Benzo(k)fluoranthene, Solid*	160	J		41	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Benzo(a)pyrene, Solid*	160	J		17	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	88	J		19	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Dibenzo(a,h)anthracene, Solid*	35	J		19	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw
	Benzo(ghi)perylene, Solid*	83	J		18	350	1.00000	ug/Kg	13387		01/07/03 2020	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1B
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		32	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	2-Methylnaphthalene, Solid*	ND	U		28	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Acenaphthylene, Solid*	ND	U		11	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Acenaphthene, Solid*	ND	U		15	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Fluorene, Solid*	ND	U		20	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Phenanthrene, Solid*	ND	U		24	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Anthracene, Solid*	ND	U		12	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Fluoranthene, Solid*	ND	U		22	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Pyrene, Solid*	ND	U		19	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Benzo(a)anthracene, Solid*	ND	U		15	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Chrysene, Solid*	ND	U		17	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Benzo(b)fluoranthene, Solid*	ND	U		38	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Benzo(k)fluoranthene, Solid*	ND	U		39	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Benzo(a)pyrene, Solid*	ND	U		16	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		18	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Dibenzo(a,h)anthracene, Solid*	ND	U		18	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw
	Benzo(ghi)perylene, Solid*	ND	U		17	330	1.00000	ug/Kg	13387		01/07/03 2046	jdw

* In Description = Dry Wgt.

0001

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: DGSUMP1
Date Sampled.....: 01/02/2003
Time Sampled.....: 12:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		35	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	2-Methylnaphthalene, Solid*	ND	U		31	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Acenaphthylene, Solid*	ND	U		12	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Acenaphthene, Solid*	ND	U		16	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Fluorene, Solid*	ND	U		22	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Phenanthrene, Solid*	ND	U	M	26	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Anthracene, Solid*	ND	U		13	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Fluoranthene, Solid*	ND	U	M	24	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Pyrene, Solid*	ND	U	M	21	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Benzo(a)anthracene, Solid*	ND	U		16	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Chrysene, Solid*	ND	U		19	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Benzo(b)fluoranthene, Solid*	ND	U		41	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Benzo(k)fluoranthene, Solid*	ND	U		43	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Benzo(a)pyrene, Solid*	ND	U		17	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		20	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Dibenzo(a,h)anthracene, Solid*	ND	U		20	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw
	Benzo(ghi)perylene, Solid*	ND	U		19	360	1.00000	ug/Kg	13387		01/07/03 2113	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/08/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1A
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	91.1			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	8.9			0.10	0.10	1	%	13261		01/02/03 0000	nev
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND	U		0.052	2.1	1.0000	mg/Kg	13299		01/03/03 1250	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND	U		1.0	9.8	1	mg/Kg	13367		01/06/03 1402	nnp
	Arsenic, Solid*	5.7	B		0.84	6.7	1	mg/Kg	13367		01/06/03 1402	nnp
	Beryllium, Solid*	0.66	B		0.42	1.7	1	mg/Kg	13367		01/06/03 1402	nnp
	Cadmium, Solid*	ND	U		0.84	2.5	1	mg/Kg	13367		01/06/03 1402	nnp
	Chromium, Solid*	5.0			0.42	2.5	1	mg/Kg	13367		01/06/03 1402	nnp
	Copper, Solid*	9.5			0.42	4.2	1	mg/Kg	13367		01/06/03 1402	nnp
	Lead, Solid*	6.0	B		0.84	7.5	1	mg/Kg	13367		01/06/03 1402	nnp
	Nickel, Solid*	5.0			0.42	4.2	1	mg/Kg	13367		01/06/03 1402	nnp
	Selenium, Solid*	ND	U		1.3	13.4	1	mg/Kg	13367		01/06/03 1402	nnp
	Silver, Solid*	ND	U		0.25	2.5	1	mg/Kg	13367		01/06/03 1402	nnp
	Thallium, Solid*	ND	U		2.5	18.4	1	mg/Kg	13367		01/06/03 1402	nnp
	Zinc, Solid*	65.5			2.0	16.8	1	mg/Kg	13367		01/06/03 1402	nnp

* In Description = Dry Wgt.

00013

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/08/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1B
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	95.8			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	4.2			0.10	0.10	1	%	13261		01/02/03 0000	nev
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND	U		0.049	2.0	1.0000	mg/Kg	13299		01/03/03 1251	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND	U		0.97	9.5	1	mg/Kg	13367		01/06/03 1408	nnp
	Arsenic, Solid*	5.6	B		0.81	6.5	1	mg/Kg	13367		01/06/03 1408	nnp
	Beryllium, Solid*	0.50	B		0.40	1.6	1	mg/Kg	13367		01/06/03 1408	nnp
	Cadmium, Solid*	ND	U		0.81	2.4	1	mg/Kg	13367		01/06/03 1408	nnp
	Chromium, Solid*	3.8			0.40	2.4	1	mg/Kg	13367		01/06/03 1408	nnp
	Copper, Solid*	6.5			0.40	4.0	1	mg/Kg	13367		01/06/03 1408	nnp
	Lead, Solid*	3.2	B		0.81	7.3	1	mg/Kg	13367		01/06/03 1408	nnp
	Nickel, Solid*	3.2	B		0.40	4.0	1	mg/Kg	13367		01/06/03 1408	nnp
	Selenium, Solid*	ND	U		1.3	12.9	1	mg/Kg	13367		01/06/03 1408	nnp
	Silver, Solid*	ND	U		0.24	2.4	1	mg/Kg	13367		01/06/03 1408	nnp
	Thallium, Solid*	ND	U		2.4	17.8	1	mg/Kg	13367		01/06/03 1408	nnp
	Zinc, Solid*	57.0			1.9	16.2	1	mg/Kg	13367		01/06/03 1408	nnp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/08/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: DGSUMP1
Date Sampled.....: 01/02/2003
Time Sampled.....: 12:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	91.1			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	8.9			0.10	0.10	1	%	13261		01/02/03 0000	nev
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.039	B		0.038	1.5	1.0000	mg/Kg	13299		01/03/03 1253	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND	U		0.97	9.4	1	mg/Kg	13367		01/06/03 1414	nnp
	Arsenic, Solid*	3.0	B		0.81	6.5	1	mg/Kg	13367		01/06/03 1414	nnp
	Beryllium, Solid*	ND	U		0.40	1.6	1	mg/Kg	13367		01/06/03 1414	nnp
	Cadmium, Solid*	ND	U		0.81	2.4	1	mg/Kg	13367		01/06/03 1414	nnp
	Chromium, Solid*	14.0			0.40	2.4	1	mg/Kg	13367		01/06/03 1414	nnp
	Copper, Solid*	13.3			0.40	4.0	1	mg/Kg	13367		01/06/03 1414	nnp
	Lead, Solid*	15.4			0.81	7.3	1	mg/Kg	13367		01/06/03 1414	nnp
	Nickel, Solid*	10.4			0.40	4.0	1	mg/Kg	13367		01/06/03 1414	nnp
	Selenium, Solid*	ND	U		1.3	12.9	1	mg/Kg	13367		01/06/03 1414	nnp
	Silver, Solid*	ND	U		0.24	2.4	1	mg/Kg	13367		01/06/03 1414	nnp
	Thallium, Solid*	ND	U		2.4	17.8	1	mg/Kg	13367		01/06/03 1414	nnp
	Zinc, Solid*	34.8			1.9	16.1	1	mg/Kg	13367		01/06/03 1414	nnp

* In Description = Dry Wgt.

00015

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1A
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	91.1			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	8.9			0.10	0.10	1	%	13261		01/02/03 0000	nev
9012	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND	U		58.1	538	1.0	ug/Kg	13451		01/07/03 1256	dtn
	Cyanide, Amenable to Chlor.(ATC), Solid*	ND	U		58.1	538	1.0	ug/Kg	13451		01/07/03 1256	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD)											
	Cyanide, Weak Acid Diss.(WAD), Solid*	ND	U		57.6	533	1.0	ug/Kg	13452		01/07/03 1316	dtn

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2-B1B
Date Sampled.....: 01/02/2003
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	95.8			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	4.2			0.10	0.10	1	%	13261		01/02/03 0000	nev
9012	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND	U		55.8	517	1.0	ug/Kg	13451		01/07/03 1258	dtn
	Cyanide, Amenable to Chlor.(ATC), Solid*	ND	U		55.8	517	1.0	ug/Kg	13451		01/07/03 1258	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD)											
	Cyanide, Weak Acid Diss.(WAD), Solid*	ND	U		56.4	522	1.0	ug/Kg	13452		01/07/03 1318	dtn

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202842

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: DGSUMP1
Date Sampled.....: 01/02/2003
Time Sampled.....: 12:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202842-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	91.1			0.10	0.10	1	%	13261		01/02/03 0000	nev
	% Moisture, Solid	8.9			0.10	0.10	1	%	13261		01/02/03 0000	nev
9012	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND	U		57.6	533	1.0	ug/Kg	13451		01/07/03 1300	dtn
	Cyanide, Amenable to Chlor.(ATC), Solid*	ND	U		57.6	533	1.0	ug/Kg	13451		01/07/03 1300	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD)											
	Cyanide, Weak Acid Diss.(WAD), Solid*	ND	U		57.0	528	1.0	ug/Kg	13452		01/07/03 1320	dtn

* In Description = Dry Wgt.

SAMPLE INFORMATION
Date: 10/18/2002

Job Number.: 202141
Customer...: ERM
Attn.....: MIKE TEETSEL

Project Number.....: 20000620
Customer Project ID....: YONKERS
Project Description....: YONKERS

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
202141-1	UD-3a	Soil	10/03/2002	15:05	10/08/2002	09:15
202141-2	UD-3b	Soil	10/03/2002	15:10	10/08/2002	09:15

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 00004

VBLKOQ

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: VBLKOQ

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0052

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	3	
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
108-05-4	Vinyl Acetate	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKOQ 00005

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: VBLKOQ

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0052

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	U
	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
00006
10540-2LCS

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: 10540-2LCS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0053

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16	
75-01-4	Vinyl Chloride	21	
74-83-9	Bromomethane	22	
75-00-3	Chloroethane	21	
75-35-4	1,1-Dichloroethene	20	
67-64-1	Acetone	24	
75-15-0	Carbon Disulfide	15	
75-09-2	Methylene Chloride	21	B
156-60-5	trans-1,2-Dichloroethene	19	
75-34-3	1,1-Dichloroethane	20	
156-59-2	cis-1,2-Dichloroethene	20	
78-93-3	2-Butanone	19	
67-66-3	Chloroform	21	
71-55-6	1,1,1-Trichloroethane	20	
56-23-5	Carbon Tetrachloride	21	
71-43-2	Benzene	18	
107-06-2	1,2-Dichloroethane	19	
108-05-4	Vinyl Acetate	5	U
79-01-6	Trichloroethene	20	
78-87-5	1,2-Dichloropropane	17	
75-27-4	Bromodichloromethane	18	
10061-01-5	cis-1,3-Dichloropropene	17	
10061-02-6	trans-1,3-Dichloropropene	15	
79-00-5	1,1,2-Trichloroethane	17	
108-10-1	4-Methyl-2-Pentanone	14	
108-88-3	Toluene	17	
127-18-4	Tetrachloroethene	20	
591-78-6	2-Hexanone	14	
124-48-1	Dibromochloromethane	18	
108-90-7	Chlorobenzene	18	
100-41-4	Ethylbenzene	17	
100-42-5	Styrene	17	
75-25-2	Bromoform	17	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

10540-2LCS

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: 10540-2LCS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0053

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	17	
	Xylene (total)	52	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 00008

UD-3A

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: 202141-1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0062

Level: (low/med) LOW Date Received: 10/08/02

% Moisture: not dec. 4 Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	B
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
108-05-4	Vinyl Acetate	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 00009

UD-3A

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: 202141-1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0062

Level: (low/med) LOW Date Received: 10/08/02

% Moisture: not dec. 4 Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	U
----------	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 00010

UD-3B

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: 202141-2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0063

Level: (low/med) LOW Date Received: 10/08/02

% Moisture: not dec. 6 Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	B
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
108-05-4	Vinyl Acetate	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 00011

UD-3B

Lab Name: STL/CT Contract:

Lab Code: STLCT Case No.: 202141 SAS No.: SDG No.: 202141

Matrix: (soil/water) SOIL Lab Sample ID: 202141-2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: O0063

Level: (low/med) LOW Date Received: 10/08/02

% Moisture: not dec. 6 Date Analyzed: 10/09/02

GC Column: RTX-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	U
	Xylene (total)	5	U

LABORATORY TEST RESULTS

Job Number: 202141

Date:10/10/2002

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: UD-3a
Date Sampled.....: 10/03/2002
Time Sampled.....: 15:05
Sample Matrix.....: Soil

Laboratory Sample ID: 202141-1
Date Received.....: 10/08/2002
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Solids												
	% Solids, Solid	96.2			0.10	0.10	1	%	10517		10/09/02 0000	dwh
	% Moisture, Solid	3.8			0.10	0.10	1	%	10517		10/09/02 0000	dwh
8270C	Semivolatile Organics											
	Naphthalene, Solid*	ND	U		32	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	2-Methylnaphthalene, Solid*	ND	U		28	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Acenaphthylene, Solid*	ND	U		11	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Acenaphthene, Solid*	ND	U		15	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Fluorene, Solid*	ND	U		20	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Phenanthrene, Solid*	ND	U		24	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Anthracene, Solid*	ND	U		12	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Fluoranthene, Solid*	ND	U		22	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Pyrene, Solid*	ND	U		19	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Benzo(a)anthracene, Solid*	ND	U		15	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Chrysene, Solid*	ND	U		17	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Benzo(b)fluoranthene, Solid*	ND	U		38	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Benzo(k)fluoranthene, Solid*	ND	U		39	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Benzo(a)pyrene, Solid*	ND	U		16	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		18	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Dibenzo(a,h)anthracene, Solid*	ND	U		18	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw
	Benzo(ghi)perylene, Solid*	ND	U		17	330	1.00000	ug/Kg	10529		10/08/02 1823	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202141

Date:10/16/2002

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: UD-3a
Date Sampled.....: 10/03/2002
Time Sampled.....: 15:05
Sample Matrix.....: Soil

Laboratory Sample ID: 202141-1
Date Received.....: 10/08/2002
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D												
	% Solids, Solid	96.2			0.10	0.10	1	%	10517		10/09/02 0000	dwh
	% Moisture, Solid	3.8			0.10	0.10	1	%	10517		10/09/02 0000	dwh
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND		U	0.089	2.0	1.0000	mg/Kg	10690		10/16/02 1600	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	10.6	1	mg/Kg	10639		10/14/02 1455	nnp
	Arsenic, Solid*	5.8		B	0.90	7.2	1	mg/Kg	10639		10/14/02 1455	nnp
	Beryllium, Solid*	ND		U	0.45	1.8	1	mg/Kg	10639		10/14/02 1455	nnp
	Cadmium, Solid*	ND		U	0.90	2.7	1	mg/Kg	10639		10/14/02 1455	nnp
	Chromium, Solid*	1.2		B	0.45	2.7	1	mg/Kg	10639		10/14/02 1455	nnp
	Copper, Solid*	6.7			0.45	4.5	1	mg/Kg	10639		10/14/02 1455	nnp
	Lead, Solid*	3.3		B	0.90	8.1	1	mg/Kg	10639		10/14/02 1455	nnp
	Nickel, Solid*	2.5		B	0.45	4.5	1	mg/Kg	10639		10/14/02 1455	nnp
	Selenium, Solid*	ND		U	1.4	14.5	1	mg/Kg	10639		10/14/02 1455	nnp
	Silver, Solid*	ND		U	0.27	2.7	1	mg/Kg	10639		10/14/02 1455	nnp
	Thallium, Solid*	ND		U	2.7	19.9	1	mg/Kg	10639		10/14/02 1455	nnp
	Zinc, Solid*	60.2			2.2	18.1	1	mg/Kg	10639		10/14/02 1455	nnp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202141

Date:10/16/2002

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: UD-3b
Date Sampled.....: 10/03/2002
Time Sampled.....: 15:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202141-2
Date Received.....: 10/08/2002
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D	% Solids, Solid	94.4			0.10	0.10	1	%	10517		10/09/02 0000	dwh
	% Moisture, Solid	5.6			0.10	0.10	1	%	10517		10/09/02 0000	dwh
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND		U	0.092	2.1	1.0000	mg/Kg	10690		10/16/02 1602	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.0	10.2	1	mg/Kg	10639		10/14/02 1501	nnp
	Arsenic, Solid*	7.4			0.87	6.9	1	mg/Kg	10639		10/14/02 1501	nnp
	Beryllium, Solid*	0.51		B	0.43	1.7	1	mg/Kg	10639		10/14/02 1501	nnp
	Cadmium, Solid*	ND		U	0.87	2.6	1	mg/Kg	10639		10/14/02 1501	nnp
	Chromium, Solid*	3.8			0.43	2.6	1	mg/Kg	10639		10/14/02 1501	nnp
	Copper, Solid*	9.7			0.43	4.3	1	mg/Kg	10639		10/14/02 1501	nnp
	Lead, Solid*	4.2		B	0.87	7.8	1	mg/Kg	10639		10/14/02 1501	nnp
	Nickel, Solid*	3.4		B	0.43	4.3	1	mg/Kg	10639		10/14/02 1501	nnp
	Selenium, Solid*	ND		U	1.4	13.9	1	mg/Kg	10639		10/14/02 1501	nnp
	Silver, Solid*	ND		U	0.26	2.6	1	mg/Kg	10639		10/14/02 1501	nnp
	Thallium, Solid*	ND		U	2.6	19.1	1	mg/Kg	10639		10/14/02 1501	nnp
	Zinc, Solid*	80.7			2.1	17.4	1	mg/Kg	10639		10/14/02 1501	nnp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202141

Date:10/15/2002

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: UD-3a
Date Sampled.....: 10/03/2002
Time Sampled.....: 15:05
Sample Matrix.....: Soil

Laboratory Sample ID: 202141-1
Date Received.....: 10/08/2002
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Solids	% Solids, Solid	96.2			0.10	0.10	1	%	10517		10/09/02 0000	dwh
	% Moisture, Solid	3.8			0.10	0.10	1	%	10517		10/09/02 0000	dwh
9012	Cyanide (Colorimetric) Cyanide, Total, Solid*	ND	U		55.6	515	1.0	ug/Kg	10589		10/11/02 1508	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD) Cyanide, Weak Acid Diss.(WAD), Solid*	ND	U		54.5	505	1.0	ug/Kg	10595		10/11/02 1515	dtn

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202141

Date:10/15/2002

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: UD-3b
Date Sampled.....: 10/03/2002
Time Sampled.....: 15:10
Sample Matrix.....: Soil

Laboratory Sample ID: 202141-2
Date Received.....: 10/08/2002
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Solids	% Solids, Solid	94.4			0.10	0.10	1	%	10517		10/09/02 0000	dwh
	% Moisture, Solid	5.6			0.10	0.10	1	%	10517		10/09/02 0000	dwh
9012	Cyanide (Colorimetric) Cyanide, Total, Solid*	ND	U		56.6	524	1.0	ug/Kg	10589		10/11/02 1513	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD) Cyanide, Weak Acid Diss.(WAD), Solid*	ND	U		56.1	519	1.0	ug/Kg	10595		10/11/02 1518	dtn

* In Description = Dry Wgt.

S A M P L E I N F O R M A T I O N
Date: 01/14/2003

Job Number.: 202843
Customer...: ERM
Attn.....: MIKE TEETSEL

Project Number.....: 20000620
Customer Project ID....: YONKERS
Project Description....: YONKERS

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
202843-1	MW-2	Water	12/30/2002	10:35	01/02/2003	13:50
202843-2	MW-1	Water	12/30/2002	11:52	01/02/2003	13:50
202843-3	MW-3	Water	12/30/2002	14:20	01/02/2003	13:50
202843-4	TB123002	Water	12/30/2002	00:00	01/02/2003	13:50

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
624	Volatile Organics											
	Chloromethane	ND	U		0.8	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Vinyl chloride	ND	U		0.7	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Bromomethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Chloroethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1250	pam
	1,1-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Acetone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Carbon disulfide	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Methylene chloride	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	trans-1,2-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	1,1-Dichloroethane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Vinyl acetate	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1250	pam
	cis-1,2-Dichloroethene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1250	pam
	2-Butanone (MEK)	ND	U		3	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Chloroform	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1250	pam
	1,1,1-Trichloroethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Carbon tetrachloride	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Benzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	1,2-Dichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Trichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	1,2-Dichloropropane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Bromodichloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	cis-1,3-Dichloropropene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1250	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1250	pam
	Toluene	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1250	pam
	trans-1,3-Dichloropropene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	1,1,2-Trichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Tetrachloroethene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	2-Hexanone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1250	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Chlorobenzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Ethylbenzene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Xylenes (total)	ND	U		2	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Styrene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1250	pam
	Bromoform	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam
	1,1,2,2-Tetrachloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1250	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
624	Volatile Organics											
	Chloromethane	ND	U		0.8	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Vinyl chloride	ND	U		0.7	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Bromomethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Chloroethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1320	pam
	1,1-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Acetone	2	J		2	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Carbon disulfide	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Methylene chloride	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	trans-1,2-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	1,1-Dichloroethane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Vinyl acetate	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1320	pam
	cis-1,2-Dichloroethene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1320	pam
	2-Butanone (MEK)	ND	U		3	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Chloroform	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1320	pam
	1,1,1-Trichloroethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Carbon tetrachloride	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Benzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	1,2-Dichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Trichloroethene	3	J		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	1,2-Dichloropropane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Bromodichloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	cis-1,3-Dichloropropene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1320	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1320	pam
	Toluene	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1320	pam
	trans-1,3-Dichloropropene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	1,1,2-Trichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Tetrachloroethene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	2-Hexanone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1320	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Chlorobenzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Ethylbenzene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Xylenes (total)	ND	U		2	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Styrene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1320	pam
	Bromoform	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam
	1,1,2,2-Tetrachloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1320	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
624	Volatile Organics											
	Chloromethane	ND	U		0.8	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Vinyl chloride	ND	U		0.7	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Bromomethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Chloroethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1350	pam
	1,1-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Acetone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Carbon disulfide	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Methylene chloride	1	J		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	trans-1,2-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	1,1-Dichloroethane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Vinyl acetate	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1350	pam
	cis-1,2-Dichloroethene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1350	pam
	2-Butanone (MEK)	ND	U		3	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Chloroform	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1350	pam
	1,1,1-Trichloroethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Carbon tetrachloride	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Benzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	1,2-Dichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Trichloroethene	3	J		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	1,2-Dichloropropane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Bromodichloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	cis-1,3-Dichloropropene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1350	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1350	pam
	Toluene	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1350	pam
	trans-1,3-Dichloropropene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	1,1,2-Trichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Tetrachloroethene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	2-Hexanone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1350	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Chlorobenzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Ethylbenzene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Xylenes (total)	ND	U		2	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Styrene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1350	pam
	Bromoform	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1350	pam
	1,1,2,2-Tetrachloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1350	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: TB123002
Date Sampled.....: 12/30/2002
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 202843-4
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
624	Volatile Organics											
	Chloromethane	ND	U		0.8	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Vinyl chloride	ND	U		0.7	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Bromomethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Chloroethane	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1219	pam
	1,1-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Acetone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Carbon disulfide	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Methylene chloride	2	J		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	trans-1,2-Dichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	1,1-Dichloroethane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Vinyl acetate	ND	U		0.6	10	1.00000	ug/L	13340		01/03/03 1219	pam
	cis-1,2-Dichloroethene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1219	pam
	2-Butanone (MEK)	ND	U		3	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Chloroform	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1219	pam
	1,1,1-Trichloroethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Carbon tetrachloride	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Benzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	1,2-Dichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Trichloroethene	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	1,2-Dichloropropane	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Bromodichloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	cis-1,3-Dichloropropene	ND	U		0.9	5	1.00000	ug/L	13340		01/03/03 1219	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		1	10	1.00000	ug/L	13340		01/03/03 1219	pam
	Toluene	ND	U		0.7	5	1.00000	ug/L	13340		01/03/03 1219	pam
	trans-1,3-Dichloropropene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	1,1,2-Trichloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Tetrachloroethene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	2-Hexanone	ND	U		2	10	1.00000	ug/L	13340		01/03/03 1219	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/06/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: TB123002
Date Sampled.....: 12/30/2002
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 202843-4
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Chlorobenzene	ND	U		0.8	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Ethylbenzene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Xylenes (total)	ND	U		2	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Styrene	ND	U		0.6	5	1.00000	ug/L	13340		01/03/03 1219	pam
	Bromoform	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam
	1,1,2,2-Tetrachloroethane	ND	U		1	5	1.00000	ug/L	13340		01/03/03 1219	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
625	Semivolatile Organics											
	Phenol	ND	U		0.4	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Bis(2-chloroethyl)ether	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	1,3-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	1,4-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	1,2-Dichlorobenzene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzyl alcohol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2-Methylphenol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,2-oxybis (1-chloropropane)	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	n-Nitroso-di-n-propylamine	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Hexachloroethane	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	4-Methylphenol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2-Chlorophenol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Nitrobenzene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Bis(2-chloroethoxy)methane	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	1,2,4-Trichlorobenzene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzoic acid	ND	U		24	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	Isophorone	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,4-Dimethylphenol	ND	U		2	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Hexachlorobutadiene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Naphthalene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,4-Dichlorophenol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	4-Chloroaniline	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,4,6-Trichlorophenol	ND	U		0.8	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,4,5-Trichlorophenol	ND	U		1	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	Hexachlorocyclopentadiene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2-Methylnaphthalene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2-Nitroaniline	ND	U		1	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	2-Chloronaphthalene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,6-Dinitrotoluene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2-Nitrophenol	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	3-Nitroaniline	ND	U		0.8	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	Dimethyl phthalate	ND	U		0.8	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,4-Dinitrophenol	ND	U		2	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	Acenaphthylene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	2,4-Dinitrotoluene	ND	U		0.8	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Acenaphthene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Dibenzofuran	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	4-Nitrophenol	ND	U		0.4	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	Fluorene	ND	U		0.9	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	4-Nitroaniline	ND	U		0.7	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	4-Bromophenyl phenyl ether	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Hexachlorobenzene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Diethyl phthalate	ND	U		0.8	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	4-Chlorophenyl phenyl ether	ND	U		0.8	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Pentachlorophenol	ND	U		1	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	n-Nitrosodiphenylamine	ND	U		2	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	4,6-Dinitro-2-methylphenol	ND	U		1	56	1.00000	ug/L	13390		01/06/03 1721	jdw
	Phenanthrene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Anthracene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Carbazole	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Di-n-butyl phthalate	ND	U		0.9	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Fluoranthene	ND	U		0.9	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Pyrene	ND	U		2	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Butyl benzyl phthalate	ND	U		3	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzo(a)anthracene	ND	U		2	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Chrysene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine	ND	U		1	22	1.00000	ug/L	13390		01/06/03 1721	jdw
	Bis(2-ethylhexyl)phthalate	ND	U		3	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Di-n-octyl phthalate	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzo(b)fluoranthene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzo(k)fluoranthene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzo(a)pyrene	ND	U		0.9	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Indeno(1,2,3-cd)pyrene	ND	U		0.8	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Dibenzo(a,h)anthracene	ND	U		1	11	1.00000	ug/L	13390		01/06/03 1721	jdw
	Benzo(ghi)perylene	ND	U		0.9	11	1.00000	ug/L	13390		01/06/03 1721	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
625	Semivolatile Organics											
	Phenol	ND	U		0.4	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Bis(2-chloroethyl)ether	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	1,3-Dichlorobenzene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	1,4-Dichlorobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	1,2-Dichlorobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzyl alcohol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2-Methylphenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,2-oxybis (1-chloropropane)	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	n-Nitroso-di-n-propylamine	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Hexachloroethane	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	4-Methylphenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2-Chlorophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Nitrobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Bis(2-chloroethoxy)methane	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	1,2,4-Trichlorobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzoic acid	ND	U		22	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	Isophorone	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,4-Dimethylphenol	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Hexachlorobutadiene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Naphthalene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,4-Dichlorophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	4-Chloroaniline	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,4,6-Trichlorophenol	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,4,5-Trichlorophenol	ND	U		0.9	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	Hexachlorocyclopentadiene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2-Methylnaphthalene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2-Nitroaniline	ND	U		0.9	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	2-Chloronaphthalene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM | PROJECT: YONKERS | ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,6-Dinitrotoluene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2-Nitrophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	3-Nitroaniline	ND	U		0.7	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	Dimethyl phthalate	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,4-Dinitrophenol	ND	U		2	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	Acenaphthylene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	2,4-Dinitrotoluene	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Acenaphthene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Dibenzofuran	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	4-Nitrophenol	ND	U		0.4	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	Fluorene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	4-Nitroaniline	ND	U		0.6	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	4-Bromophenyl phenyl ether	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Hexachlorobenzene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Diethyl phthalate	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	4-Chlorophenyl phenyl ether	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Pentachlorophenol	ND	U		0.9	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	n-Nitrosodiphenylamine	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	4,6-Dinitro-2-methylphenol	ND	U		1	50	1.00000	ug/L	13390		01/06/03 1748	jdw
	Phenanthrene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Anthracene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Carbazole	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Di-n-butyl phthalate	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Fluoranthene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Pyrene	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Butyl benzyl phthalate	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzo(a)anthracene	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Chrysene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine	ND	U		1	20	1.00000	ug/L	13390		01/06/03 1748	jdw
	Bis(2-ethylhexyl)phthalate	ND	U		3	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Di-n-octyl phthalate	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzo(b)fluoranthene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzo(k)fluoranthene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzo(a)pyrene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Indeno(1,2,3-cd)pyrene	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Dibenzo(a,h)anthracene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1748	jdw
	Benzo(ghi)perylene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1748	jdw

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
625	Semivolatile Organics											
	Phenol	ND	U		0.4	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Bis(2-chloroethyl)ether	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	1,3-Dichlorobenzene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	1,4-Dichlorobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	1,2-Dichlorobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzyl alcohol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2-Methylphenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,2-oxybis (1-chloropropane)	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	n-Nitroso-di-n-propylamine	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Hexachloroethane	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	4-Methylphenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2-Chlorophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Nitrobenzene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Bis(2-chloroethoxy)methane	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	1,2,4-Trichlorobenzene	ND	U		23	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzoic acid	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Isophorone	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,4-Dimethylphenol	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Hexachlorobutadiene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Naphthalene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,4-Dichlorophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	4-Chloroaniline	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,4,6-Trichlorophenol	ND	U		0.9	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,4,5-Trichlorophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Hexachlorocyclopentadiene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2-Methylnaphthalene	ND	U		0.9	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	2-Nitroaniline	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2-Chloronaphthalene											

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,6-Dinitrotoluene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2-Nitrophenol	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	3-Nitroaniline	ND	U		0.7	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	Dimethyl phthalate	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,4-Dinitrophenol	ND	U		2	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	Acenaphthylene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	2,4-Dinitrotoluene	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Acenaphthene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Dibenzofuran	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	4-Nitrophenol	ND	U		0.4	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	Fluorene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	4-Nitroaniline	ND	U		0.6	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	4-Bromophenyl phenyl ether	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Hexachlorobenzene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Diethyl phthalate	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	4-Chlorophenyl phenyl ether	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Pentachlorophenol	ND	U		0.9	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	n-Nitrosodiphenylamine	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	4,6-Dinitro-2-methylphenol	ND	U		1	52	1.00000	ug/L	13390		01/06/03 1814	jdw
	Phenanthrene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Anthracene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Carbazole	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Di-n-butyl phthalate	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Fluoranthene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Pyrene	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Butyl benzyl phthalate	ND	U		3	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzo(a)anthracene	ND	U		2	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Chrysene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	3,3-Dichlorobenzidine	ND	U		1	21	1.00000	ug/L	13390		01/06/03 1814	jdw
	Bis(2-ethylhexyl)phthalate	ND	U		3	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Di-n-octyl phthalate	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzo(b)fluoranthene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzo(k)fluoranthene	ND	U		1	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzo(a)pyrene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Indeno(1,2,3-cd)pyrene	ND	U		0.7	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Dibenzo(a,h)anthracene	ND	U		0.9	10	1.00000	ug/L	13390		01/06/03 1814	jdw
	Benzo(ghi)perylene	ND	U		0.8	10	1.00000	ug/L	13390		01/06/03 1814	jdw

* In Description = Dry Wgt.

02000

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7470A	Mercury (CVAA)											
	Mercury	ND	U		0.18	0.20	1	ug/L	13419		01/06/03 1205	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony	ND	U		5.9	20.0	1	ug/L	13367		01/06/03 1606	nnp
	Arsenic	64.4			7.0	40.0	1	ug/L	13367		01/06/03 1606	nnp
	Beryllium	ND	U		1.0	5.0	1	ug/L	13367		01/06/03 1606	nnp
	Cadmium	2.9	B		1.3	10.0	1	ug/L	13367		01/06/03 1606	nnp
	Chromium	ND	U		1.5	10.0	1	ug/L	13367		01/06/03 1606	nnp
	Copper	4.0	B		1.4	10.0	1	ug/L	13367		01/06/03 1606	nnp
	Lead	4.9	B		3.4	10.0	1	ug/L	13367		01/06/03 1606	nnp
	Nickel	41.6			1.9	10.0	1	ug/L	13367		01/06/03 1606	nnp
	Selenium	ND	U		6.9	30.0	1	ug/L	13367		01/06/03 1606	nnp
	Silver	3.2	B		1.4	6.0	1	ug/L	13367		01/06/03 1606	nnp
	Thallium	ND	U		16.1	40.0	1	ug/L	13367		01/06/03 1606	nnp
	Zinc	38800			162	500	10	ug/L	13448		01/07/03 1606	nnp

* In Description = Dry Wgt.

12000

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7470A	Mercury (CVAA)											
	Mercury	ND	U		0.18	0.20	1	ug/L	13419		01/06/03 1207	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony	ND	U		5.9	20.0	1	ug/L	13367		01/06/03 1612	nnp
	Arsenic	ND	U		7.0	40.0	1	ug/L	13367		01/06/03 1612	nnp
	Beryllium	ND	U		1.0	5.0	1	ug/L	13367		01/06/03 1612	nnp
	Cadmium	ND	U		1.3	10.0	1	ug/L	13367		01/06/03 1612	nnp
	Chromium	15.0			1.5	10.0	1	ug/L	13367		01/06/03 1612	nnp
	Copper	2.4	B		1.4	10.0	1	ug/L	13367		01/06/03 1612	nnp
	Lead	ND	U		3.4	10.0	1	ug/L	13367		01/06/03 1612	nnp
	Nickel	3.3	B		1.9	10.0	1	ug/L	13367		01/06/03 1612	nnp
	Selenium	ND	U		6.9	30.0	1	ug/L	13367		01/06/03 1612	nnp
	Silver	ND	U		1.4	6.0	1	ug/L	13367		01/06/03 1612	nnp
	Thallium	ND	U		16.1	40.0	1	ug/L	13367		01/06/03 1612	nnp
	Zinc	ND	U		16.2	50.0	1	ug/L	13367		01/06/03 1612	nnp

* In Description = Dry Wgt.

00022

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7470A	Mercury (CVAA)											
	Mercury	ND	U		0.18	0.20	1	ug/L	13419		01/06/03 1208	nnp
6010B	Metals Analysis (ICAP Trace)											
	Antimony	ND	U		5.9	20.0	1	ug/L	13367		01/06/03 1618	nnp
	Arsenic	ND	U		7.0	40.0	1	ug/L	13367		01/06/03 1618	nnp
	Beryllium	ND	U		1.0	5.0	1	ug/L	13367		01/06/03 1618	nnp
	Cadmium	ND	U		1.3	10.0	1	ug/L	13367		01/06/03 1618	nnp
	Chromium	108			1.5	10.0	1	ug/L	13367		01/06/03 1618	nnp
	Copper	4.8	B		1.4	10.0	1	ug/L	13367		01/06/03 1618	nnp
	Lead	ND	U		3.4	10.0	1	ug/L	13367		01/06/03 1618	nnp
	Nickel	3.1	B		1.9	10.0	1	ug/L	13367		01/06/03 1618	nnp
	Selenium	ND	U		6.9	30.0	1	ug/L	13367		01/06/03 1618	nnp
	Silver	ND	U		1.4	6.0	1	ug/L	13367		01/06/03 1618	nnp
	Thallium	ND	U		16.1	40.0	1	ug/L	13367		01/06/03 1618	nnp
	Zinc	27.9	B		16.2	50.0	1	ug/L	13367		01/06/03 1618	nnp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-2
Date Sampled.....: 12/30/2002
Time Sampled.....: 10:35
Sample Matrix.....: Water

Laboratory Sample ID: 202843-1
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9012	Cyanide (Colorimetric)	9.4	B		1.0	10.0	1.0	ug/L	13451		01/07/03 1309	dtn
	Cyanide, Total	9.4	B		1.0	10.0	1.0	ug/L	13451		01/07/03 1309	dtn
	Cyanide, Amenable to Chlor.(ATC)											
4500CNI	Cyanide, Weak Acid Dissociable (WAD)	ND	U		1.0	10.0	1.0	ug/L	13452		01/07/03 1331	dtn
	Cyanide, Weak Acid Diss.(WAD)											

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-1
Date Sampled.....: 12/30/2002
Time Sampled.....: 11:52
Sample Matrix.....: Water

Laboratory Sample ID: 202843-2
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9012	Cyanide (Colorimetric)											
	Cyanide, Total	ND	U		1.0	10.0	1.0	ug/L	13451		01/07/03 1311	dtn
	Cyanide, Amenable to Chlor.(ATC)	ND	U		1.0	10.0	1.0	ug/L	13451		01/07/03 1311	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD)											
	Cyanide, Weak Acid Diss.(WAD)	ND	U		1.0	10.0	1.0	ug/L	13452		01/07/03 1336	dtn

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 202843

Date:01/09/2003

CUSTOMER: ERM

PROJECT: YONKERS

ATTN: MIKE TEETSEL

Customer Sample ID: MW-3
Date Sampled.....: 12/30/2002
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 202843-3
Date Received.....: 01/02/2003
Time Received.....: 13:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9012	Cyanide (Colorimetric)											
	Cyanide, Total	ND	U		1.0	10.0	1.0	ug/L	13451		01/07/03 1313	dtn
	Cyanide, Amenable to Chlor.(ATC)	ND	U		1.0	10.0	1.0	ug/L	13451		01/07/03 1313	dtn
4500CNI	Cyanide, Weak Acid Dissociable (WAD)											
	Cyanide, Weak Acid Diss.(WAD)	ND	U		1.0	10.0	1.0	ug/L	13452		01/07/03 1338	dtn

* In Description = Dry Wgt.

92nnn