INTERIM REMEDIAL MEASURE (IRM) REPORT

ALUMINUM LOUVRE CORPORATION
161 SWEET HOLLOW ROAD
OLD BETHPAGE, NEW YORK 11804

Prepared For:

Bank Leumi, USA
420 Lexington Avenue, 10th Floor
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February 2001

Prepared by:

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TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Overview

An Interim Remedial Measure (IRM) was conducted for the property located at 161 Sweet Hollow Road, Old Bethpage, New York, hereafter referred to as the "Site". The IRM activities were conducted by General Consolidated Industries, Inc. (GCI). The activities were initiated in order to satisfy the concerns as noted in the March 13, 2000 correspondence from Mr. Robert Stewart, Environmental Engineer I, for the New York State Department of Environmental Conservation (NYS DEC). A copy of the letter from Mr. Stewart is included in Appendix C. The location of the subject Site is depicted on a U.S.G.S. 7.5 Minute Quadrangle and is included with this report as Figure 1 - Site Location Map. Photographs were taken to document the IRM activities and are included with this report in Appendix A.

1.2 Interim Remedial Measure (IRM) Work Plan Approach

The IRM activities which were conducted at the site were performed in accordance with the provisions of the Remedial Investigation Work Plan, dated January 1999, which was prepared by GCI. The field activities were conducted in order to remove contaminated soil present in three (3) on-site storm water drywells (DW-2, DW-3 and DW-5) which was identified during the performance of a Remedial Investigation at the Site. The relevant Site features are depicted on Figure 2.0 - Site Plan.

2.0 SITE BACKGROUND AND SETTING

2.1 Site History

The subject site is an irregular shaped parcel, with frontage along Winding Road and Sweet Hollow Road. The property is improved with a one (1) story commercial building and a paved parking area, the remainder of the site is undeveloped and overgrown with natural vegetation.

The subject building is constructed of concrete block with brick veneer. The building rests on a poured concrete slab foundation. The windows are comprised primarily of bronze plate glass in aluminum frames. The building space consists of office areas, reception/waiting area, conference room, lunch room, storage rooms, bathrooms, loading area and warehouse/storage areas. The primary roof of the building was observed to be a flat/terraced type. The site utilizes the municipal sanitary sewer system. There are seven (7) storm water collection drywells located throughout the paved parking areas of the subject site.

The site was formerly occupied by Aluminum Louver Corporation, which utilized the site for the manufacturing of various aluminum parts. The site formerly utilized a large parts washing machine, a processing machine, and three (3) paint booths. Therefore it was determined that the site operations entailed the use, generation and disposal of hazardous substances such as paint thinners, solvents and cutting oils. The building is currently utilized as a transfer station for a paper recycling company.

2.2 Hydrogeologic Setting

The subject site is located in the Atlantic Coastal Plain physiographic province which is characterized by low hills of unconsolidated sands, gravel and silt. The subsurface deposits consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan and Lloyd Formations. The Gardiners clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the south west portion of Long Island. Nassau County is underlain by bedrock, although the majority of it is at several hundred feet below land surface.

The subject site is in the Upper Glacial aquifer. The Upper Glacial consists of Pleistocene moraine and outwash deposits. The water table is located primarily in the glacial aquifer which underlies a majority of Long Island. In general, the upper glacial is thickest near the north shore and eastern Suffolk County. Hydraulic conductivity is greatest along the southern part of the island, where the outwash deposits consist mainly of well draining coarse sand and gravel. Fresh groundwater originates in the form of precipitation, which on Long Island, averages approximately 44 inches per year. This precipitation will infiltrate into the subsurface and act as the sole recharge mechanism for replenishing water in the upper glacial aquifer system. Under the present conditions of infiltration, groundwater is recharging at a rate of approximately 350 billion gallons of water per year. The Upper Glacial has been designated a sole source aquifer by the US EPA, and as such is protected by US EPA mandated remediation legislation. The Upper Glacial has been designated a sole source aquifer by the US EPA, and as such is protected by US EPA mandated remediation legislation.

According to groundwater contour maps provided by the Nassau County Department of Public Works (NCDPW) and the United States Geological Survey (U.S.G.S.), the groundwater is approximately sixty-five (65) feet below ground surface at the subject site. Groundwater flows southwest under a regional hydraulic gradient. The groundwater in the vicinity of the subject site is classified as GA. GA waters are classified as "fresh groundwater". The best usage of Class GA waters is as a source of potable water supply, as defined in Section 701.15 of the New York State Department of Environmental Conservation (NYS DEC) Water Quality Regulations - Surface Water and Groundwater Classifications and Standards.

3.0 PREVIOUS ENVIRONMENTAL REPORTS

3.1 Phase I / Phase II Report

Information regarding the environmental history of the site was obtained from the combination Phase I Environmental & Phase II Environmental Site Assessment report dated June 11, 1996, prepared by Advanced Cleanup Technologies, Inc. (ACT). A summary of the ACT environmental report is provided below.

A combination Phase I and Phase II ESA report dated June 11, 1996 was completed by ACT. The results of the Phase I portion of the ESA indicated that there were no potential off-site concerns that were posing an apparent environmental threat to the general public or the subject property. The Phase II portion of the ESA indicated that based upon sampling results it was determined that there is metals contamination present in all seven (7) on-site storm water drywells, as well as elevated levels of volatile organic compounds (VOCs) present in two (2) of the drywells. In addition, there was one (1) groundwater monitoring well located on the adjacent property to the south of the Site. A sample was collected from the well and analyzed for VOCs. The analytical results revealed that there were elevated levels of several VOCs above NYS DEC groundwater standards. The source of the VOCs was not known or reported in the ACT Phase II report.

Based upon the findings of the Phase II activities it was recommended that the contaminated soil present within the seven (7) drywells be remediated. There was also a recommendation to further investigate the groundwater contamination plume present in the vicinity of the subject Site. The ACT report was previously forwarded to the NYS DEC, as such a copy is not included with this report.

3.2 Remedial Investigation Report

A Remedial Investigation was conducted at the Site on March 11, 1999. The field work was conducted under the direction of Mr. Matthew Boeckel, Senior Hydrogeologist for GCI. A summary of the Remedial Investigation report is provided below.

A concrete chip sample was obtained from the transformer pad located near the northwest corner of the site. The sample was analyzed for the presence of PCBs. The analytical results revealed that there were no PCBs detected above their respective analytical method detection limit (mdl). In addition, the Long Island Lighting Company (LILCO) had previously reported that there is no use of PCB oil in any of their transformers. There is no further work recommended with regard to the electrical transformer.

A sample of the groundwater was obtained from monitoring well MW-1A. The sample was analyzed for VOCS, SVOCs, TPH and metals. The results of the TPH analysis were non-detectable above an analytical method detection limit (mdl) of 0.5 ppm. The results for the VOC analysis revealed that trichloroethene was present at a concentration of 37 parts per billion (ppb), which is above it's respective regulatory groundwater Standard of 5 ppb. In addition, methylene chloride was detected at a concentration of 4.2 ppb. However, methylene chloride is a very common laboratory contaminant, and as such it is not considered to be representative of the groundwater quality. There were no other VOCs detected above their respective analytical method detection limit (mdl). There were no SVOCs detected above their respective analytical method detection limit (mdl). There were no metals detected above their respective laboratory analytical method detection limit (mdl), with the exception of barium. The detected concentration of barium was 0.078 ppm, which is below the respective groundwater Standard of 1.0 ppm. Based upon the analytical data and field observations, it appears that the former operations conducted at the Site have not contributed to contamination of the groundwater. There is no further work recommended with regard to the monitoring well.

The 2,000 gallon fuel oil underground storage tank (UST) was properly excavated and removed from the site. There was no evidence of contamination noted during the tank removal activities. The UST and excavation pit were inspected by Mr. Michael Mangino of the Nassau County Department of Health (NCDH). Mr. Mangino indicated that the UST was structurally sound with no evidence of corrosion or holes. In addition, there was no evidence of contamination noted in the excavation pit. Mr. Mangino indicated that the pit could be backfilled and that there was no further work required. Based upon the results of the tank excavation it appears that the former fuel oil UST did not cause any subsurface contamination at the site. There is no further work recommended with regard to the former fuel oil UST.

A total of two (2) soil borings (AST-1 and AST-2) were installed in the immediate vicinity of the concrete pad which formerly stored an aboveground storage tank (AST). There was no evidence of contamination noted during the installation of the soil borings. Soil samples were obtained from nine (9) to ten (10) feet

below grade and submitted for laboratory analysis. The analytical results revealed that there were no VOCs or SVOCs detected above their respective analytical method detection limits (mdls) in either of the samples. The metals analysis indicated that there were low concentrations of metals present in the two (2) samples, however the detected concentrations of metals were all below their respective recommended soil Cleanup Objectives. In addition, the TPH results for the two (2) samples were non-detectable above the laboratory analytical method detection limit (mdl). There is no further work recommended with regard to the former AST area.

There are seven (7) on-site storm water drywells which were previously documented as having metals and/or petroleum based contamination. Therefore, during the months of October and December 1997, the contaminated soil present in DW-1, DW-2, DW-3, DW-4, DW-5, DW-6 and DW-7 was remediated. A total of seventy-three (73) - fifty-five (55) gallon drums of soil were removed from DW-1 and DW-4, and a total of 19.35 tons of contaminated sediment was removed from drywells DW-2, DW-3, DW-5, DW-6 and DW-7. Representative end-point samples were collected from DW-1 through DW-7 and submitted for analysis of VOCs, SVOCs, TPH and metals. There were no VOCs detected above their respective laboratory analytical method detection limit (mdl) in any of the samples. The TPH analytical results ranged from 14 ppm in DW-7 to 480 ppm in DW-3, all of which are below the NCDH guidance value of 1,000 ppm for TPH. There were no metals detected at concentrations which exceeded their respective NYS DEC Cleanup Objectives in the samples obtained from DW-1, DW-2, DW-4, DW-6 and DW-7. The analytical results for DW-3 revealed that selenium, lead, arsenic, mercury and chromium were present at concentrations which were slightly elevated above their respective Cleanup Objectives. In addition, the analysis for DW-5 revealed that lead and mercury were present at slightly elevated concentrations above their respective Cleanup Objectives. The SVOC analysis for DW-1, DW-4, DW-6 and DW-7 revealed that benzo-a-pyrene was the only compound detected at a concentration which slightly exceeded it's respective regulatory Cleanup Objective. The analysis for DW-2, DW-3 and DW-5 revealed that there were multiple SVOCs detected at concentrations which were slightly elevated above their respective Cleanup Objectives. The majority of the contaminated soil present in the drywell system has been removed and the residual levels of SVOCs and metals are only slightly elevated above regulatory Cleanup Objectives. The residual contamination present in the drywell system does not appear to pose a significant threat to the public health or environment. Based upon the aforementioned information, there is no further work recommended with regard to the drywell system.

4.0 INTERIM REMEDIAL MEASURE ACTIVITIES

The IRM field activities were conducted at the Site on December 20, 2000, for the purpose of removing a known contamination source at the site. The three (3) on-site storm water drywells, hereafter referred to as DW-2, DW-3 and DW-5, were determined to be contaminated with elevated concentrations of semi-volatile organic compounds (SVOCs), as well as metals. The field work was conducted under the direction of Mr. Matthew Boeckel, Senior Hydrogeologist for GCI. Mr. John Lovejoy from the Nassau County Department of Health (NCDH) was present on-site to witness the IRM activities. The following sections provide a summary of the field work performed, data collection procedures, soil screening results, visual observations, soil sampling, and quality assurance and quality control (QA/QC) measures.

4.1 Liquid Removal

There was approximately 7,500 gallons of standing water present in DW-2, DW-3 and DW-5. A composite sample of the liquid was obtained from DW-2, DW-3 and DW-5 and submitted for analysis. The liquid sample was analyzed for volatile organic compounds (VOCS), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH) and the eight (8) RCRA metals. In addition, the pH of the sample was determined as per the requirements of the NCDH. The analytical results were forwarded to Mr. Maurice J. Osman, Chief Chemist for the Nassau County Department of Public Works (NC DPW). Mr. Osman indicated that based upon a review of the analytical data, the liquid contained in DW-1 could be disposed of at the Bay Park Scavanger Waste Disposal Facility. A total of 7,500 gallons of liquid were pumped and transported for disposal at the Bay Park Waste Scavanger Facility by RGM Earthcare. A copy of the analytical results for the liquid sample are included with this report in Appendix B. The disposal manifest for the liquid is contained in Appendix D.

4.2 Sludge Removal

A "vactor" truck was utilized to remove the contaminated sediment present in DW-2, DW-3 and DW-5. The contaminated sediment is initially drawn into the truck body under extremely high vacuum conditions where it is temporarily stored. The truck body can hold a maximum of approximately twelve (12) cubic yards of sediment. Once the truck body is filled, the contaminated sediment is hauled off-site and disposed of at a licensed facility. As the contaminated sediment was continually removed from each of the drywells, representative grab samples were obtained and field screened for the presence of VOCs using an HNU Model DL-101 photo-ionization detector (PID). The PID readings, as well as visual observations were utilized to determine the extent of excavation to be conducted in each respective drywell. There were only slightly elevated PID readings detected, which varied from 0.2 parts per million (ppm) to 0.8 ppm. The drywells were excavated to a final depth at which point there was no visual evidence of contamination nor were there any elevated PID readings encountered. A total of fourteen (14) cubic yards (21.82 tons) of contaminated soil was removed from DW-2, DW-3 and DW-5. The contaminated soil was transported off-site by Fenley & Nicol Environmental Inc, industrial waste hauler permit No. 1A-036. The weight ticket and waste disposal manifest for the contaminated material are included with this report in Appendix D.

4.3 End-Point Sampling

In order to ensure that the contaminated soil present in DW-2, DW-3 and DW-5 had been sufficiently remediated, representative end-point samples were collected from each drywell. As per the direction of the NYS DEC, the end-point soil samples from DW-2, DW-3 and DW-5 were analyzed for semi-volatile organic compounds (SVOCs) base/neutral extractables by EPA Method 8270. In addition, the end-point samples from DW-3 and DW-5 were analyzed for the eight (8) RCRA metals using SW-846 Method 6010.

The samples were stored on ice and were delivered to the laboratory within 48 hours of being collected. The end-point soil samples were submitted to Chemtech Consulting Group.

4.4 Quality Assurance / Quality Control (QA/QC) Measures

Quality Assurance / Quality Control (QA/QC) measures were utilized during the Interim Remedial Measure (IRM) field work to ensure that the resulting analytical data would accurately represent the subsurface conditions at the Site.

All non-disposable downhole equipment (i.e., augers, hand augers, sampling sheaths, etc.) used during the drilling and sampling were decontaminated prior to use at each location to prevent cross contamination. The decontamination procedures were conducted as follows; equipment was scrubbed in a bath of potable water and low-phosphate detergent; then a potable water rinse; followed by a second bath and then finally the equipment was rinsed with potable water and allowed to air dry. Please note that no trip blanks, field blanks or duplicate samples were required to be obtained.

5.0 ANALYTICAL RESULTS

The following section provides a summary of the analytical data for the end-point soil samples collected from DW-2, DW-3 and DW-5. The samples were submitted to Chemtech Consulting Group. Chemtech Consulting Group is a New York State Department of Health (NYS DOH) Environmental Laboratory Approval Program (ELAP) and US EPA Contract Laboratory Protocol (CLP) certified laboratory, which is located in Englewood, New Jersey. The ELAP CLP certification number for the laboratory is 10624. The analytical data for all of the samples were reported in a NYS DEC Analytical Services Protocol (ASP) Category B deliverables package.

5.1 Data Validation

The analytical results were subject to review and data validation by Mr. Mike Veraldi, who is the Quality Assurance Officer (QAO) for the project. Mr. Veraldi reviewed all analytical data packages which were received as part of the Focused Remedial Investigation. A Data Usability Summary Report (DUSR) was prepared for the data packages in accordance with the requirements of the NYS DEC Guidance for the Development of Data Usability Summary Reports.

Based upon a review of the data packages, Mr. Veraldi indicated that the data was valid and the analytical results could be accurately relied upon. The DUSR for each of the collected soil samples is included with this report as Appendix E.

5.2 Applicable Regulatory Documentation

The analytical results for the end-point samples obtained from DW-2, DW-3 and DW-5 were compared to the Recommended Soil Cleanup Objectives as listed in the NYS DEC Division Technical and Administrative Guidance Memorandum HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM).

5.3 End-point Analytical Results

DW-2

The analytical results for the sample obtained at the bottom invert level of DW-2 revealed that there were no concentrations of SVOCs detected above their respective Recommended Soil Cleanup Objectives as listed in TAGM.

DW-3

The analytical results for the sample obtained at the bottom invert level of DW-3 revealed that there were no SVOCs detected above their respective Recommended Soil Cleanup Objectives, with the exception of Benzo(a)pyrene. The analytical data revealed that Benzo(a)pyrene was present at an estimated concentration of 200 parts per billion (ppb), which is above it's respective Recommended Soil Cleanup Objective of 61 ppb. The metals analysis for the sample collected from DW-3 revealed that there were no metals detected at concentrations which exceeded their respective Recommended Soil Cleanup Objectives as listed in TAGM.

DW-5

The analytical results for the sample obtained at the bottom invert level of DW-5 revealed that there were no concentrations of SVOCs or metals detected above their respective Recommended Soil Cleanup Objectives listed in TAGM.

The analytical results for the end-point samples obtained from DW-2, DW-3 and DW-5 are summarized in Table 1 and Table 2. Complete analytical laboratory reports are included with this report as Appendix F.

Table 1

End-point Soil Analytical Data

EPA Method 8270 (b/n) - Semi-volatile Organic Compounds (SVOCs)

ANALYTICAL PARAMETERS	NYS DEC TAGM Cleanup Objectives	DW-1	DW-3	DW-5
Bis(2-Chloroethyl)ether	NL	ND	ND	ND
1,3-Dichlorobenzene	NL	ND	ND	ND
1,4-Dichlorobenzene	NL	ND	ND	ND
1,2-Dichlorobenzene	NL	ND	ND	ND
Hexachloroethane	NL	ND	ND	ND
N-Nitrosodi-n-Propyl Amine	NL	ND	ND	ND
Isophorone	4400	ND	ND	ND
Bis(2-Chloroethoxy)methane	NL	ND	ND	ND
1,2,4-Trichlorobenzene	NL	ND	ND	ND
Naphthalene	13,000	ND	ND	ND
Hexachlorobutadiene	NL	ND	ND	ND
Hexachlorocyclopentadiene	NL	ND	ND	ND
2-Chloronaphthalene	NL	ND	ND	ND
Acenaphthylene	41,000	ND	ND	ND
Dimethylphthalate	2,000	ND	ND	ND
2,6-Dinitrotoluene	1,000	ND	ND	ND
Acenaphthene	50,000	ND	ND	ND
2,4-Dinitrotoluene	NL	ND	ND	ND
Fluorene	50,000	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NL	ND	ND	ND
Diethylphthalate	7,100	ND	ND	ND
4-Bromophenyl-Phenyl Ether	NL	ND	ND	ND
Phenanthrene	50,000	40	370	ND
Anthracene	50,000	ND	74	ND

Table 1
End-point Soil Analytical Data
EPA Method 8270 (b/n) - Semi-volatile Organic Compounds (SVOCs)

ANALYTICAL PARAMETERS	NYS DEC TAGM Cleanup Objectives	DW-1	DW-3	DW-5
Di-n-Butylphthalate	8,100	ND	ND	ND
Fluoranthene	50,000	66	580	ND
Pyrene	50,000	ND	350	ND
Butylbenzylphthalate	50,000	ND	ND	ND
3,3-Dichlorobenzidine	N/A	ND	ND	ND
Benzo(a)Anthracene	224 or MDL	ND	220	ND
Chrysene	400	ND	260	ND
Bis(2-Ethylhexyl)Phthalate	50,000	ND	ND	ND
DI-n-Octylphthalate	50,000	ND	ND	ND
Benzo-b-Fluoranthene	1,100	ND	330	ND
Benzo-k-Fluoranthene	1,100	ND	130	ND
Benzo-a-pyrene	61 or MDL	ND	**200**	ND
Indeno(1,2,3-c,d)Pyrene	3,200	ND	59	ND
Dibenzo-a,h-Anthracene	14 or MDL	ND	ND	ND
Benzo-g,h,i-Perylene	50,000	ND	86	ND

Notes: 1. All results are in ug/Kg (parts per billion - ppb).

2. The Recommended Soil Cleanup Objectives are listed in the New York State Department of Environmental Conservation (NYS DEC) Division Technical and Administrative Guidance Memorandum (TAGM) HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels.

Table 2
End-point Soil Analytical Data
SW-846 Method 6010 - 8 RCRA Metals

ANALYTICAL PARAMETER	NYS DEC TAGM Cleanup Objectives	DW-3	DW-5
Silver	SB	<0.19	<0.18
Barium	300 or SB (15 - 600)	13.6	0.54
Cadmium	10	<0.24	<0.22
Selenium	2 or SB (0.1 - 3.9)	0.56	<0.44
Lead	SB (4 - 61)	6.9	1.4
Mercury	0.1	<0.04	<0.04
Arsenic	7.5 or SB (3 - 12)	1.8	2.8
Chromium	50	8.1	1.1

Note: 1. All results are in mg/kg (parts per million -ppm).

1. The Recommended Soil Cleanup Objectives are listed in the New York State Department of Environmental Conservation (NYS DEC) Division Technical and Administrative Guidance Memorandum (TAGM) HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels.

2. SB = Site Background, values are given in brackets when available.

6.0 CONCLUSIONS

A total of 7,500 gallons of standing water was removed from DW-2, DW-3 and DW-5. A vactor truck was utilized to removed 14 cubic yards (21.82 tons) of contaminated soil from DW-2, DW-3 and DW-5. Representative end-point samples were obtained from the bottom invert level of each drywell. The end-point soil samples from DW-2, DW-3 and DW-5 were analyzed for SVOCs. In addition, the end-point samples from DW-3 and DW-5 were analyzed for the eight (8) RCRA metals.

The analytical results for the sample obtained at the bottom invert level of DW-2 revealed that there were no concentrations of SVOCs detected above their respective Recommended Soil Cleanup Objectives. Based upon the analytical data, it is apparent that the contaminated soil present in DW-2 has been satisfactorily remediated.

The analytical results for the sample obtained at the bottom invert level of DW-3 revealed that there were no SVOCs detected above their respective Recommended Soil Cleanup Objective, with the exception of Benzo(a)pyrene. The analytical data revealed that Benzo(a)pyrene was present at an estimated concentration of 200 parts per billion (ppb), which is above it's respective Recommended Soil Cleanup Objective of 61 ppb. The metals analysis for the sample collected from DW-3 revealed that there were no metals detected at concentrations which exceeded their respective Recommended Soil Cleanup Objectives. Based upon the analytical data, it appears that the contaminated soil present in DW-3 has been satisfactorily remediated. The low concentration of Benzo(a)pyrene detected in the sample is not considered to be representative of a significant contamination source. The source of the contamination has been removed. There is minimal concern for residual contamination in DW-3 to impact the subsurface at the Site.

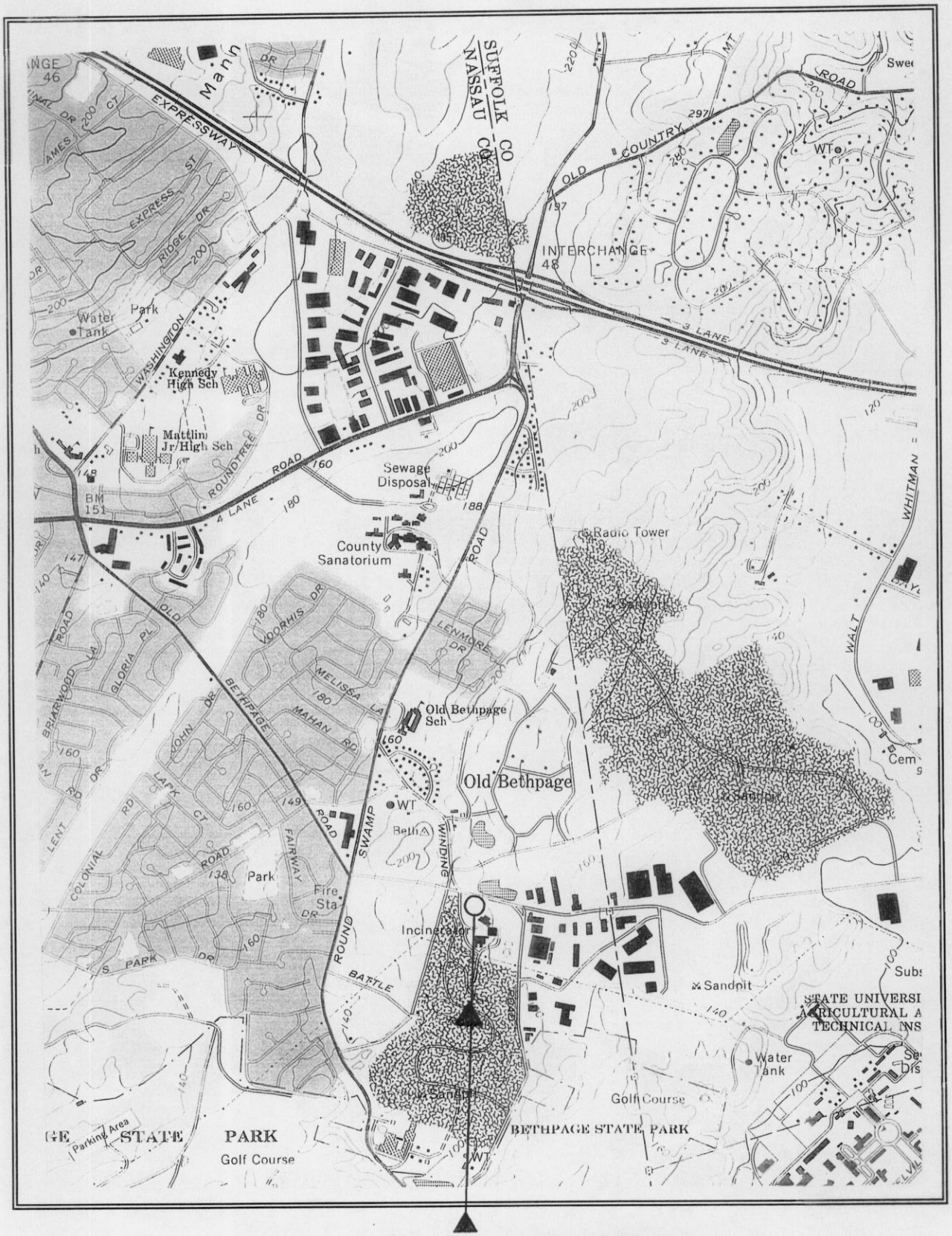
The analytical results for the sample obtained at the bottom invert level of DW-5 revealed that there were no concentrations of SVOCs or metals detected above their respective Recommended Soil Cleanup Objectives listed in TAGM. Based upon the analytical data, it is apparent that the contaminated soil present in DW-5 has been satisfactorily remediated.

Based upon the results of the IRM, it is believed that the contaminated soil present in DW-2, DW-3 and DW-5 has been sufficiently remediated. There is no residual contamination present in DW-2, DW-3 or DW-5 which poses an environmental threat to human health or the public. There are no further investigation and/or remedial activities recommended with regard to the Site.

Matthew Boeckel
Senior Hydrogeologist
General Consolidated Industries, Inc.

Tom P. Smyth
President
General Consolidated Industries, Inc.

LOCATION MAP



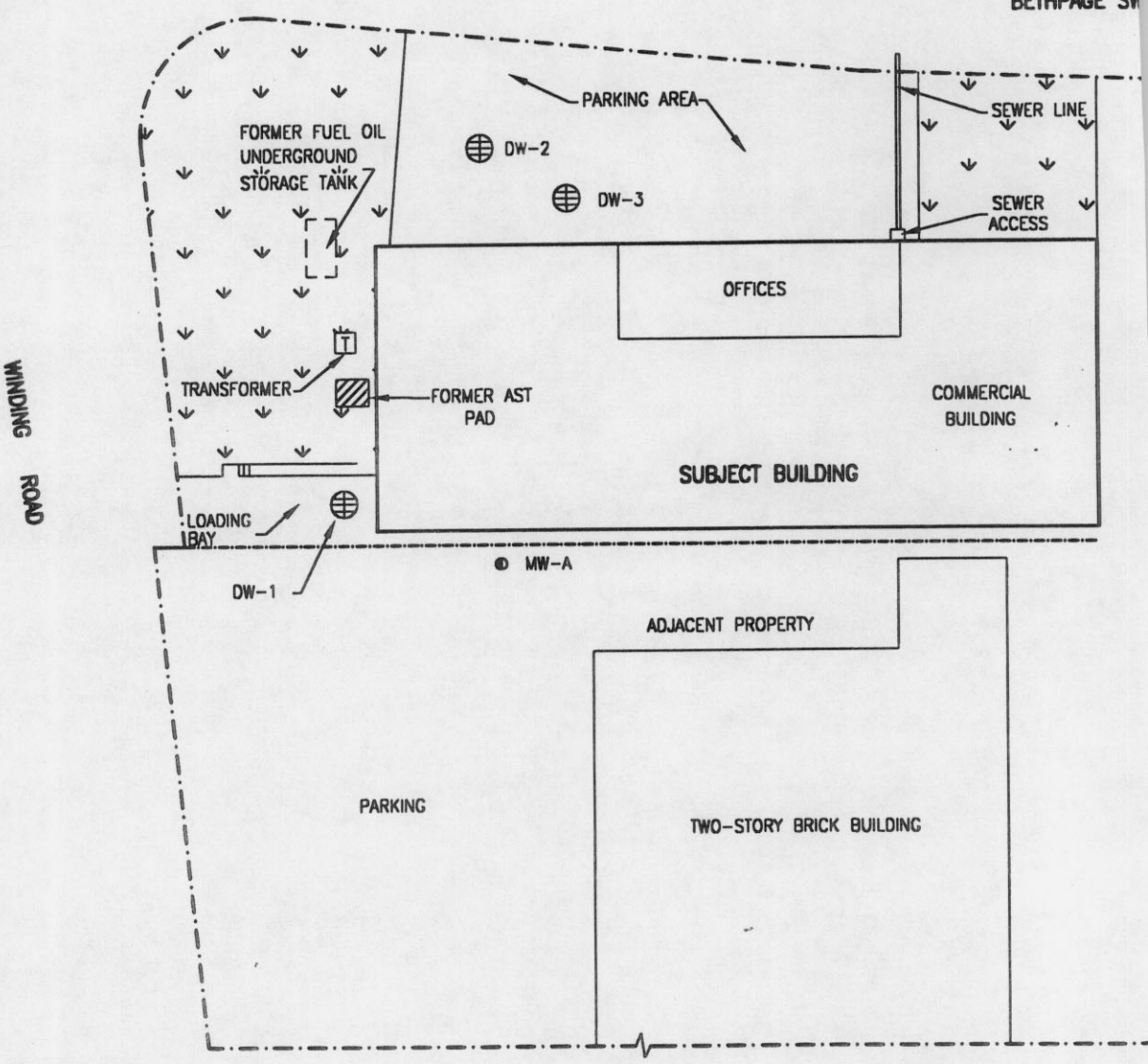
U.S.G.S. 7.5 MINUTE TOPOGRAPHIC MAP

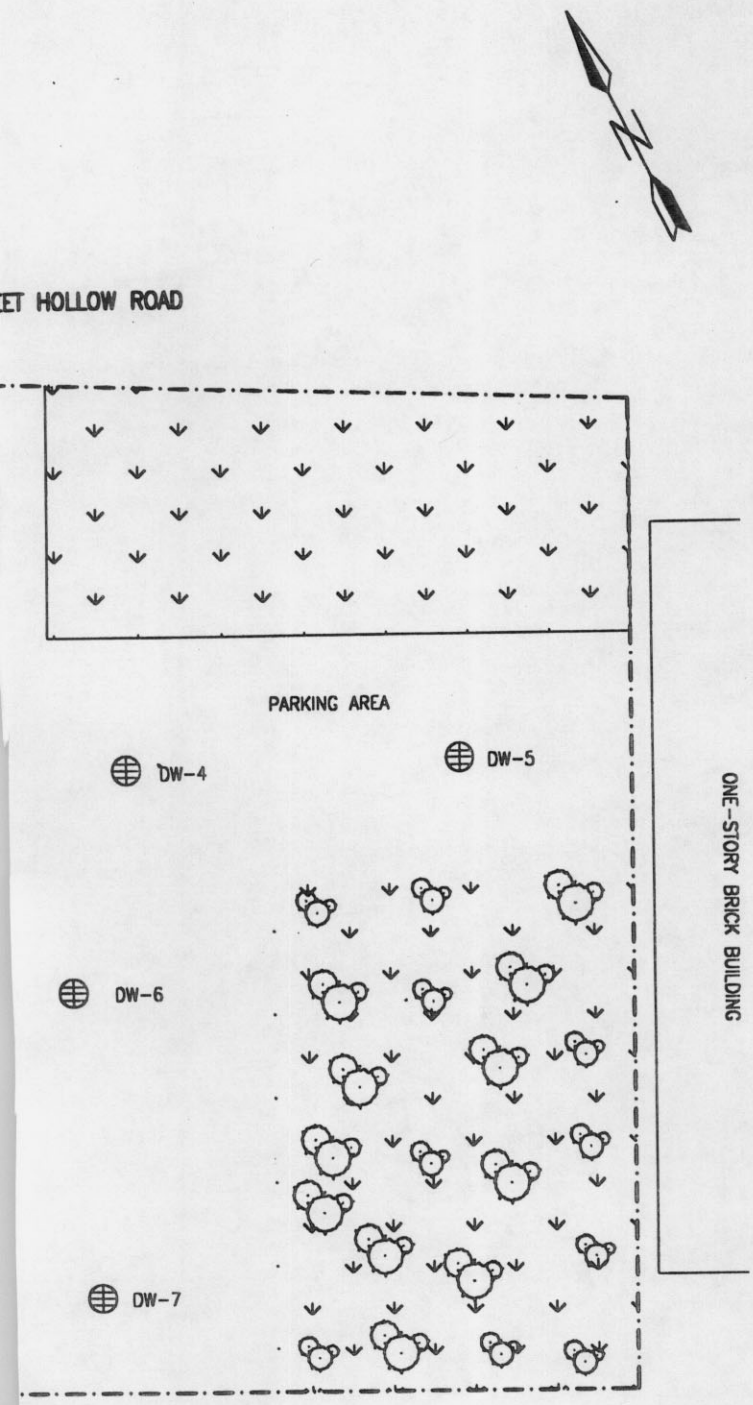
161 Sweet Hollow Road
Old Bethpage, New York 11967

Scale: 1,24000

Map Name: Huntington, NY

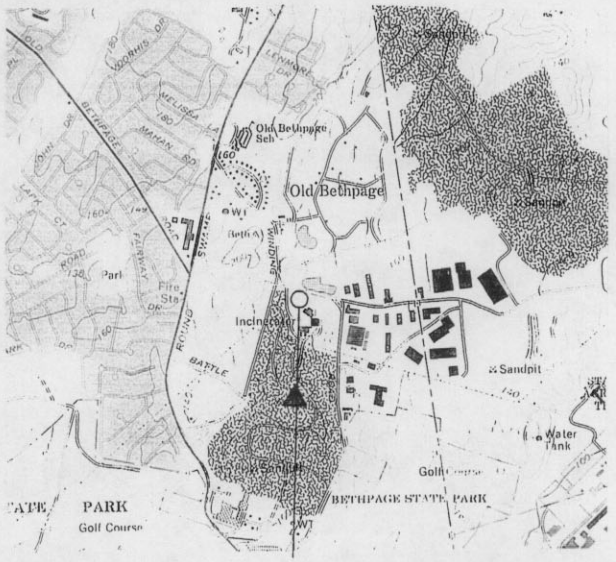
SITE PLAN


BETHPAGE SW
PARKING AREA
SEWER LINE
FORMER FUEL OIL
UNDERGROUND
STORAGE TANK
DW-2
DW-3
SEWER
ACCESS
OFFICES
WINDING ROAD
TRANSFORMER
FORMER AST
PAD
COMMERCIAL
BUILDING
SUBJECT BUILDING
LOADING
BAY
MW-A
DW-1
ADJACENT PROPERTY
PARKING
TWO-STORY BRICK BUILDING



LEGEND

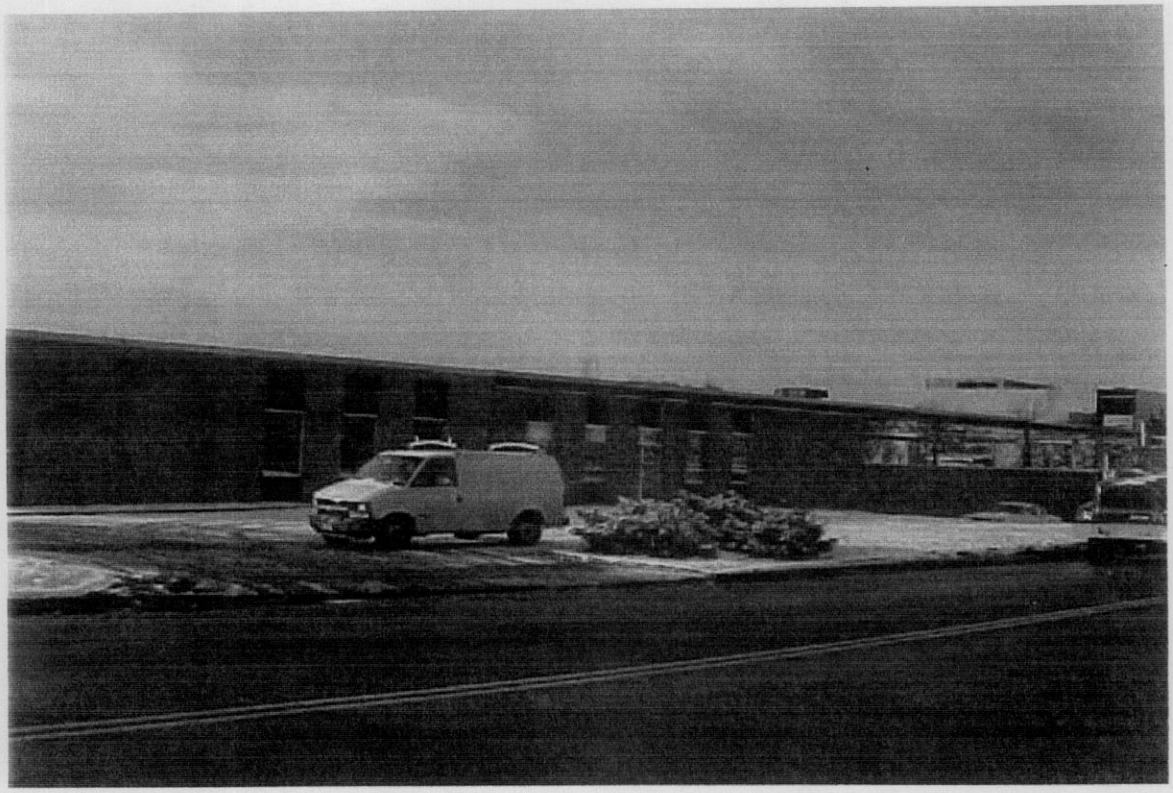
MONITORING WELL	MW-A
DRYWELL	DW- 1
FORMER AST PAD	
TRANSFORMER PAD	T
GRASS & VEGETATION	



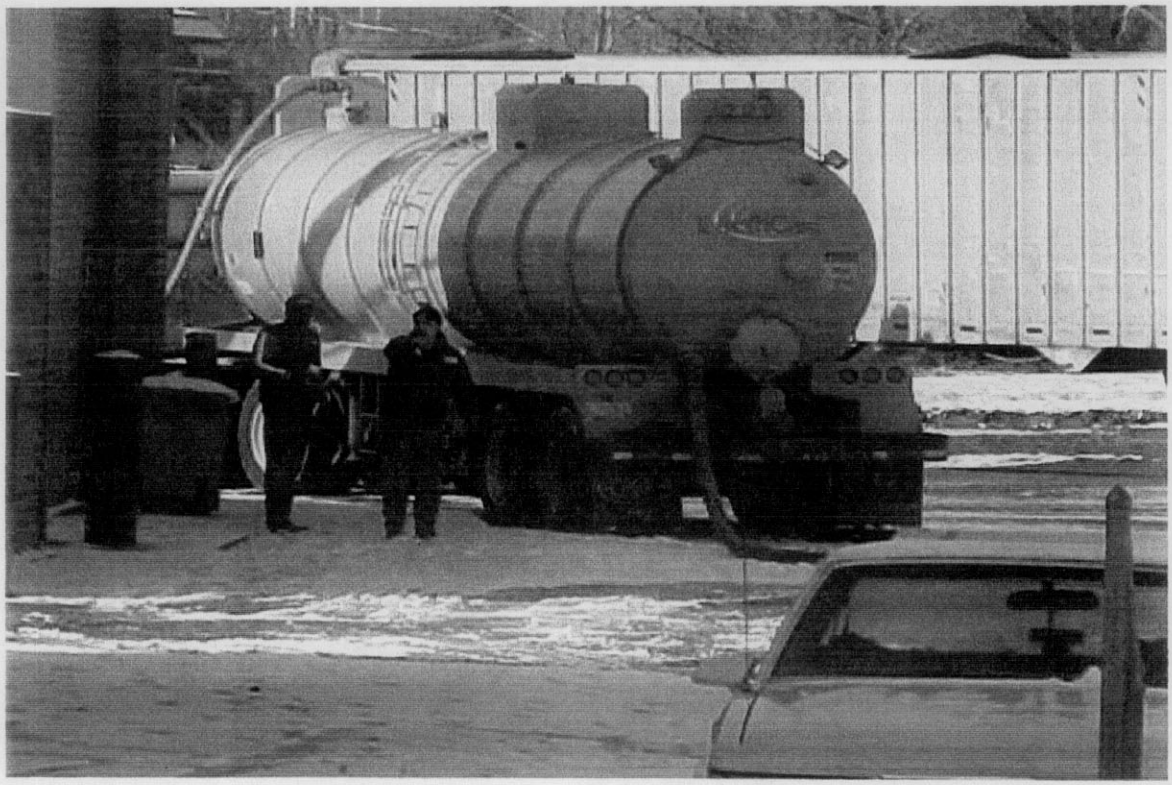
GENERAL CONSOLIDATED INDUSTRIES INC.
125 BAYLIS ROAD, MELVILLE, NEW YORK 11747
1-800-842-5073
Environmental & Engineering Consultants

TITLE:	FIGURE 2.0 – SITE PLAN
LOCATION:	161 SWEETHOLLOW ROAD OLD BETHPAGE, N.Y.
CLIENT:	E.O.R. 33 OF NEW YORK
DRAWN BY:	DATE: — PROJECT No.: 960285
CHECKED BY: TS	DATE: — DRAWING No.: 960168SP
LAST REVISED BY:	DATE: — SCALE: 1"=60' — FIG. No.: 1 OF 1

SITE PHOTOGRAPHS



1. View of the subject site.



2. View of the vacuum truck utilized during remediation.

3. View of the vactor truck utilized during remediation.

4. View of the interior of a typical drywell upon remediation.

LIQUID WASTE CHARACTERIZATION

ANALYTICAL DATA PACKAGES

Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 12/4/00	Matrix: Liquid
Date analyzed: 12/4/00	ELAP #: 11693

NCDH PROTOCOL

PARAMETER	CAS No.	RESULTS ug/L
ACETONE	67-64-1	<5
BENZENE	71-43-2	<0.7
n-BUTYLBENZENE	104-51-8	<5
sec-BUTYLBENZENE	135-98-8	<5
tert-BUTYLBENZENE	98-06-6	<5
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOBENZENE	108-86-1	<5
2-CHLOROTOLUENE	95-49-8	<5
4-CHLOROTOLUENE	106-43-4	<5
CHLOROBENZENE	108-90-7	<5
CHLOROFORM	67-66-3	<5
CARBON TETRACHLORIDE	56-23-5	<5
o-DICHLOROBENZENE (1,2)	95-50-1	<5
m-DICHLOROBENZENE (1,3)	541-73-1	<5
p-DICHLOROBENZENE (1,4)	106-46-7	<5
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<5
1,1-DICHLOROETHYLENE	75-35-4	<5
trans-1,2-DICHLOROETHYLENE	156-60-5	<5
1,1-DICHLOROETHANE	75-34-3	<5
cis-1,2-DICHLOROETHYLENE	159-59-2	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,3-DICHLOROPROPANE	142-28-9	<5
1,1-DICHLOROPROPENE	563-58-6	<5
1,2-DICHLOROETHANE	107-06-02	<5
1,2-DICHLOROPROPANE	78-87-5	<5
2,2-DICHLOROPROPANE	594-20-7	<5
ETHYLBENZENE	100-414	<5

Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 12/4/00	Matrix: Liquid
Date analyzed: 12/4/00	ELAP #: 11693

NCDH PROTOCOL

PARAMETER	CAS No.	RESULTS ug/L
1,2-DIBROMOETHANE	106-93-4	<5
DIBROMOMETHANE	74-95-3	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
HEXACHLROROBUTADIENE	87-68-3	<5
p-ISOPROPYTOLUENE	99-87-6	<5
ISOPROPYLBENZENE	98-82-8	<5
METHYLENE CHLORIDE	75-09-2	<5
NAPHTHALENE	91-20-3	<5
n-PROPYLBENZENE	103-65-1	<5
STYRENE	100-42-5	<5
TRICHLOROFLUOROMETHANE	75-69-4	<5
1,2,3-TRICHLOROBENZENE	87-61-6	<5
1,2,4-TRICHLOROBENZENE	120-82-1	<5
1,2,4-TRIMETHYLBENZENE	95-63-6	<5
1,3,5-TRIMETHYLBENZENE	108-67-8	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
TRICHLOROETHYLENE	79-01-6	<5
1,1,2-TRICHLOROETHANE	79-00-5-	<5
TETRACHLOROETHYLENE	127-18-4	<5
1,1,1,2-TETRACHLOROETHANE	630-20-6	<5
1,1,2,2-TETRACHLOROETHANE	79-34-5	<5
1,2,3-TRICHLOROPROPANE	96-18-4	<5
TOLUENE	108-88-3	<5
VINYL CHLORIDE	75-01-4	<5
XYLENE total	1330-20-7	<15

Richard Vendetti

Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
101-4 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 11/30/00	Matrix: Liquid
Date analyzed: 11/30/00	ELAP #: 11693

EPA METHOD 8270

Parameter	CAS No.	Results ug/L
Bis(2-CHLOROETHYL)ETHER	111-44-4	<5
PHENOL	108-95-1	<5
2-CHLOROPHENOL	95-57-8	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,2-DICHLOROBENZENE	95-50-1	<5
Bis(2-CHLOROISOPROPYL)ETHER	108-60-1	<5
2-METHYLPHENOL	95-48-7	<5
HEXACHLOROETHANE	67-72-1	<5
N-NITROSODI-n-PROPYL AMINE	621-64-7	<5
4-METHYLPHENOL	106-44-5	<5
NITROBENZENE	98-95-3	<5
ISOPHORONE	78-59-1	<5
2-NITROPHENOL	88-75-5	<5
2,4-DIMETHYLPHENOL	105-67-9	<5
Bis(2-CHLOROETHOXY)METHANE	111-91-1	<5
2,4-DICHLOROPHENOL	102-83-2	<5
1,2,4-TRICHLOROBENZENE	120-82-1	<5
NAPHTHALENE	91-20-3	<5
4-CHLOROANILINE	106-47-8	<5
HEXACHLOROBUTADIENE	87-68-3	<5
4-CHLORO-3-METHYLPHENOL	59-50-7	<5
2-METHYLNAPHTHALENE	91-57-6	<5
HEXACHLOROCYCLOPENTADIENE	77-47-4	<5
2,4,6-TRICHLOROPHENOL	88-06-2	<5
2,4,5-TRICHLOROPHENOL	95-95-4	<5
2-CHLORONAPHTHALENE	91-58-7	<5
2-NITROANILINE	88-74-4	<5
ACENAPHTHYLENE	208-96-8	<5
DIMETHYLPHTHALATE	131-11-3	<5
2,6-DINITROTOLUENE	606-20-2	<5
ACENAPHTHENE	83-32-9	<5

Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 11/30/00	Matrix: Liquid
Date analyzed: 11/30/00	ELAP #: 11693

EPA METHOD 8270

Parameter	CAS No.	Results ug/L
Bis(2-CHLOROETHYL)ETHER	111-44-4	<5
PHENOL	108-95-1	<5
2-CHLOROPHENOL	95-57-8	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,2-DICHLOROBENZENE	95-50-1	<5
Bis(2-CHLOROISOPROPYL)ETHER	108-60-1	<5
2-METHYLPHENOL	95-48-7	<5
HEXACHLOROETHANE	67-72-1	<5
N-NITROSODI-n-PROPYL AMINE	621-64-7	<5
4-METHYLPHENOL	106-44-5	<5
NITROBENZENE	98-95-3	<5
ISOPHORONE	78-59-1	<5
2-NITROPHENOL	88-75-5	<5
2,4-DIMETHYLPHENOL	105-67-9	<5
Bis(2-CHLOROETHOXY)METHANE	111-91-1	<5
2,4-DICHLOROPHENOL	102-83-2	<5
1,2,4-TRICHLOROBENZENE	120-82-1	<5
NAPHTHALENE	91-20-3	<5
4-CHLOROANILINE	106-47-8	<5
HEXACHLOROBUTADIENE	87-68-3	<5
4-CHLORO-3-METHYLPHENOL	59-50-7	<5
2-METHYLNAPHTHALENE	91-57-6	<5
HEXACHLOROCYCLOPENTADIENE	77-47-4	<5
2,4,6-TRICHLOROPHENOL	88-06-2	<5
2,4,5-TRICHLOROPHENOL	95-95-4	<5
2-CHLORONAPHTHALENE	91-58-7	<5
2-NITROANILINE	88-74-4	<5
ACENAPHTHYLENE	208-96-8	<5
DIMETHYLPHTHALATE	131-11-3	<5
2,6-DINITROTOLUENE	606-20-2	<5
ACENAPHTHENE	83-32-9	<5

Michael Venditti

Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
101-4 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 11/30/00	Matrix: Liquid
Date analyzed: 11/30/00	ELAP #: 11693

METALS ANALYSIS 8 RCRA

PARAMETER	MDL	RESULTS mg/L
SILVER, Ag	0.05 mg/L	<0.05
BARIUM, Ba	1.00 mg/L	<1.00
CADMIUM, Cd	0.05 mg/L	<0.05
SELENIUM, Se	0.05 mg/L	<0.05
LEAD, Pb	0.05 mg/L	<0.05
MERCURY, Hg	0.02 mg/L	<0.020
ARSENIC, As	0.05 mg/L	<0.05
CHROMIUM, Cr	0.05 mg/L	<0.05

Method: SW846, 7000 series analysis

Michael Verrillo

Laboratory Director

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Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 11/30/00	Matrix: Liquid
Date analyzed: 11/30/00	ELAP #: 11693

EPA 8015 Modified Method

PARAMETER		RESULTS mg/L	
Total TPH		<1.0	
Sample Contains:			
Unknown Composite	Negative	Fuel Oil #3	Negative
Aviation Gas	Negative	Fuel Oil #4	Negative
Unleaded Gasoline	Negative	Fuel Oil #5	Negative
Mineral Spirits	Negative	Fuel Oil #6	Negative
Jet Fuel A	Negative	Kerosene	Negative
Diesel/Fuel #2	Negative	Motor Oil	Negative
Hydraulic Type 1	Negative	SAE 10	Negative
Hydraulic Type 2	Negative	SAE 20	Negative
Hydraulic Type 3	Negative	SAE 30	Negative
Hydraulic Type 4	Negative	SAE 40	Negative

Michael Verrillo

Laboratory Director

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Client: GCI	Client ID: 960285 (Drywell Liquid Composite)
Date received: 11/29/00	Laboratory ID: 0018404
Date extracted: 11/30/00	Matrix: Liquid
Date analyzed: 11/30/00	ELAP #: 11693

ANALYTICAL RESULTS

PARAMETER	RESULTS
pH	6.75 units

Method: EPA SW846, 9040

Michael Verrillo
Laboratory Director

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
101-4 Colin Drive • Holbrook, New York 11741 • Phone (516) 472-3400 • Fax (516) 472-8505 • Email: mikeatlial@msn.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: GCI
1092 Motor Parkway

CONTACT: Matt Boeckel
PHONE: 857-1600
FAX: 857-0535

PROJECT LOCATION: 960285

SAMPLER (SIGNATURE): [signature]
DATE: 11/29/00 TIME:
SAMPLER NAME (PRINT): Matthew Boeckel

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month.

ANALYSIS REQUIRED

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	TCLP 8 RCRA	EPA 8260	EPA 8270	TPH 8015	RCRA	pH	# OF CONTAINERS
001840 3				Drywell Composite (soil)	X						1
001840 4				Drywell liquid Composite		X	X	X	X	X	5

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON **PRES** ICE, HCL, H_2SO_4, NAOH

TURNAROUND REQUIRED: 3 days
NORMAL ☐ STAT ☐ BY

COMMENTS / INSTRUCTIONS: As per NCDH protocol

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	11/29/00	Matthew Boeckel	[signature]	DATE 11/29 TIME 2:00	T Majkowski
	DATE TIME			DATE TIME	

REGULATORY CORRESPONDENCE

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region One
Building 40 - SUNY, Stony Brook, New York 11790-2356
Phone: (631) 444-0240 • **FAX:** (631) 444-0248
Website: www.dec.state.ny.us

March 13, 2000

Matthew Boeckel
GCI Environmental
1092 Motor Parkway
Hauppauge, NY 11788-5228

Re: Draft Remedial Investigation Report
Aluminum Louvre
161 Sweet Hollow Rd.
Old Bethpage, NY 11804
Site #00079-1

Dear Mr. Boeckel:

Thank you for the submission of the Draft Remedial Investigation Report, November 1999. Please excuse the excessive time it took to complete the review of this report.

The Department agrees with all your conclusions except those involving DW-2, DW-3, and DW-5. If you propose to continue to use these dry wells for stormwater collection, these dry wells must be remediated to TAGM-4046 cleanup objectives. Based on the results of the closure samples, further remediation would be necessary. Closure samples would be necessary after the additional remediation. These samples would be collected in accordance with the approved work plan.

If you agree to further remediate these drywells, this work could be documented in an addendum report. This report would be in letter format and would eventually be attached to November 1999 Report.

If you have any questions, please do not hesitate to call me at (631) 444-0244.

Sincerely,

Robert R. Stewart

Robert R. Stewart
Environmental Engineer I

cc: W. Parish
G. Heitzman
P. Malone
S. Haskins, NYSDOH
J. Lovejoy, NCDH
G. Penny, EOR Thirty Three of NY

WASTE DISPOSAL MANIFEST & WEIGHT TICKET

5454

RGM/EarthCare

Liquid Waste Removal
an EarthCare Company
972 Nicolls Road, Deer Park, NY 11729
(631) 586-0002

JOB WORK ORDER

21487

Arrived on job 900 A.M. / P.M.
Left job 1040 A.M. / P.M.

MECHANIC	HELPER	DATE
JAN		12/20/02

JOB PHONE

JOB NAME Fenley + Nicol

ADDRESS 161 Sweet Hollow Rd

☐ LATE NIGHT
☐ SUNDAY
☐ HOLIDAY

CITY Bethpage

BILL TO Fenley + Nicol PHONE

ADDRESS

☐ NEW
☐ REFERRAL
☐ REPEAT

PUMPING	PUMPED 7,500		
CHEMICALS	GALLONS FROM		
LINE CLEANING	5 TURN DRAINS		
SINK TUB TOILET			
LABOR	EXTRA TIME		
OTHER	ON SITE APPROVED		
	BY MATT.		
		SUB TOTAL	
		TAX	
		TOTAL	

Purchaser shall provide access to job site. It shall be the obligation of the Purchaser to inform the Service Company of any above or below ground or hidden perils. The Seller shall not be responsible for damage above or below ground to property or hidden perils. Signor assumes liability representatively and personally for payment of contract amount.

DATE PAID _____
CHECK NO. _____
AMT. REC'D. _____
☐ CASH ☐ M.C. ☐ VISA ☐ LEFT BILL

NET 10 DAYS. 1½% Service Charge per Month on Overdue Accounts.

GENERATOR SIGNED STATEMENT

I, _____, hereby affirm that I am the owner, or user, of the Individual Sewage Disposal Facility (septic tank/leaching facilities) located at the address of the invoice and: (1). That the facilities to be pumped contain only sanitary sewage; (2). That I have not been notified by the Suffolk County Department of Health or the Nassau County Department of Health to have this system pumped by a licensed industrial hauler. That neither I nor any person in my family or in my employ have added any chemical solvent waste or industrial wastes of any kind to the facility to be pumped and that I make this Statement knowing that the waste will be disposed of at a Municipal Sewage Treatment Facility and that in the event that any chemical solvent waste or industrial waste of any kind have been added, legal action may be undertaken by the appropriate regulatory agency against any or all parties involved.

"I, hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law".

X _____ 12/20/02
Customer's Signature Date

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # _____

DATE 12-20-00 MANIFEST # No. 08244

1. **GENERATOR OF WASTE**

NAME AMERICAN LOUVRE

ADDRESS 161 SWEET HOLLOW RD BETHPAGE

PHONE NUMBER _____

SITE LOCATION _____

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY.
NON HAZ CONTAMINATED STORM DRAIN		GUZZLER	12 YARDS
Spill # (if applicable)	ERG #		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR and/or (Authorized Agent) X MATTHEW Boeckel (please print or type)

SUPERVISOR'S SIGNATURE X _____ TITLE Sr. Hydrogeologist

4. **TRANSPORTER NAME AND ADDRESS (#1)** **(#2)**

(#1)	(#2)
NAME FENLEY & NICOL ENVIRONMENTAL INC.	NAME _____
ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729	ADDRESS _____
PHONE NUMBER 24 Hour Emergency# (516) 586-4900	PHONE NUMBER _____
DRIVER'S NAME TOM INATFORS SIGNATURE _____	DRIVER'S NAME _____ SIGNATURE _____
INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 222 SGU	INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. **DISPOSAL SITE** (Must be filled in by disposal site)

NAME OF FACILITY _____

ADDRESS OF FACILITY _____

PHONE NUMBER _____

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____

DISPOSAL SITE INSPECTOR NAME _____

SIGNATURE _____ DATE _____

GENERATOR-White TRANSPORTER-Yellow DISPOSAL-Pink ORANGE-File

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # _____

DATE 12-20-00

MANIFEST # No. 09050

1. **GENERATOR OF WASTE**

NAME AMERICAN LOUVRE

ADDRESS 161 SWEET HOLLOW RD BETH PAGE N.Y.

PHONE NUMBER _____

SITE LOCATION _____

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY.
NON HAZ CONTAMINATED STORM DRAIN		GUZZLER	2 YARDS
Spill # (if applicable)	**ERG #**		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR and/or (Authorized Agent) MATTHEW Boeckl (please print or type)

SUPERVISOR'S SIGNATURE Matthew Boeckl TITLE Sr. Hydrogeologist

4. **TRANSPORTER NAME AND ADDRESS (#1)** **(#2)**

NAME FENLEY & NICOL ENVIRONMENTAL INC.

ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729

PHONE NUMBER 24 Hour Emergency# (516) 586-4900

DRIVER'S NAME _____ SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 222 5YA

NAME _____

ADDRESS _____

PHONE NUMBER _____

DRIVER'S NAME _____ SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. **DISPOSAL SITE** (Must be filled in by disposal site)

NAME OF FACILITY _____

ADDRESS OF FACILITY _____

PHONE NUMBER _____

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____

DISPOSAL SITE INSPECTOR NAME _____

SIGNATURE _____ DATE _____

GENERATOR-White TRANSPORTER-Yellow DISPOSAL-Pink ORANGE-File

DATA USABILITY SUMMARY REPORTS

February 27, 2001

Mr. Mat Brockel
GCI Inc.
125 Baylis Road Suite 330
Melville, New York 11747

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID: **DW-2**
Client Project #: **960285**
Sample Matrix: **Soil**
Analysis requested: **EPA 8270**
Laboratory ID #: **L2623-01**
Cleanup procedure: **N/A**

Sample collected by: **Client**
Date sample collected: **12/20/00**
Date sample received: **12/26/00**
Date extracted: **12/27/00**
Date analyzed: **01/06/01**
Extraction method: **3550**

EPA 8270

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample extraction holding time			X			
Sample analysis time			X			
Sample preservation HCL 4°C					X	
Proper analytical method cited 8270					X	
Column used RTX-5					X	
Quantitation Report					X	
DFTPP performance check	X					
GC/MS tuning frequency (24 hr)	X					
SMC compound (ISTD) recovery					X	
SMC compound (surrogate) recovery					X	
GC/MS calibration					X	
Method Blank					X	
Five point calibration 20,50,80, 120,160					X	
Calibration summary					X	
Surrogate summary					X	
ISTD summary					X	
Injection log sequence					X	
Matrix spike (MS)					X	
Matrix spike duplicate (MSD)					X	

Explanation of non-conforming parameters:

- No Non-conformities found.

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID:	**DW-3**	Sample collected by:	**Client**
Client Project #:	**960285**	Date sample collected:	**12/21/00**
Sample Matrix:	**Soil**	Date sample received:	**12/26/00**
Analysis requested:	**EPA 8270**	Date extracted:	**12/27/00**
Laboratory ID #:	**L2623-02**	Date analyzed:	**01/06/01**
Cleanup procedure:	**N/A**	Extraction method:	**3550**

EPA 8270

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample extraction holding time			X			
Sample analysis time			X			
Sample preservation HCL 4°C					X	
Proper analytical method cited 8270					X	
Column used RTX-5					X	
Quantitation Report					X	
DFTPP performance check	X					
GC/MS tuning frequency (24 hr)	X					
SMC compound (ISTD) recovery					X	
SMC compound (surrogate) recovery					X	
GC/MS calibration					X	
Method Blank					X	
Five point calibration 20,50,80, 120,160					X	
Calibration summary					X	
Surrogate summary					X	
ISTD summary					X	
Injection log sequence					X	
Matrix spike (MS)					X	
Matrix spike duplicate (MSD)					X	

Explanation of non-conforming parameters:

- No Non-conformities found.

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID:	**DW-5**	Sample collected by:	**Client**
Client Project #:	**960285**	Date sample collected:	**12/20/00**
Sample Matrix:	**Soil**	Date sample received:	**12/26/00**
Analysis requested:	**EPA 8270**	Date extracted:	**12/27/00**
Laboratory ID #:	**L2623-03**	Date analyzed:	**01/08/01**
Cleanup procedure:	**N/A**	Extraction method:	**3550**

EPA 8270

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample extraction holding time			X			
Sample analysis time			X			
Sample preservation HCL 4°C					X	
Proper analytical method cited 8270					X	
Column used RTX-5					X	
Quantitation Report					X	
DFTPP performance check	X					
GC/MS tuning frequency (24 hr)	X					
SMC compound (ISTD) recovery					X	
SMC compound (surrogate) recovery					X	
GC/MS calibration					X	
Method Blank					X	
Five point calibration 20,50,80, 120,160					X	
Calibration summary					X	
Surrogate summary						X
ISTD summary					X	
Injection log sequence					X	
Matrix spike (MS)						X
Matrix spike duplicate (MSD)						X

Explanation of non-conforming parameters:

- Surrogate recoveries not met for Matrix Spike and Matrix Spike Duplicate.

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID: **DW-3**
Client Project #: **960285**
Sample Matrix: **Soil**
Analysis requested: **TAL metals**
Laboratory ID #: **L2623-02**
Cleanup procedure: **N/A**

Sample collected by: **Client**
Date sample collected: **12/21/00**
Date sample received: **12/26/00**
Date digested: **12/27/00**
Date analyzed: **12/28/00**
Extraction method: **3050**

Metals

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample digestion holding time					X	
Sample analysis time			X			
Sample preservation					X	
Proper analytical method cited 6010A					X	
Method Blank					X	
Instrument calibration					X	
Interference check					X	
Matrix spike summary					X	
Duplicate recovery					X	
Matrix spike recovery					X	
Laboratory control sample					X	

Explanation of non-conforming parameters:

- No Non-conformities found.

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID: **DW-5**
Client Project #: **960285**
Sample Matrix: **Soil**
Analysis requested: **TAL metals**
Laboratory ID #: **L2623-03**
Cleanup procedure: **N/A**

Sample collected by: **Client**
Date sample collected: **12/20/00**
Date sample received: **12/26/00**
Date digested: **12/27/00**
Date analyzed: **12/28/00**
Extraction method: **3050**

Metals

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample digestion holding time					X	
Sample analysis time			X			
Sample preservation					X	
Proper analytical method cited 6010A					X	
Method Blank					X	
Instrument calibration					X	
Interference check					X	
Matrix spike summary					X	
Duplicate recovery					X	
Matrix spike recovery					X	
Laboratory control sample					X	

Explanation of non-conforming parameters:

- No Non-conformities found.

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID: **DW-3**
Chemtech Project #: **960285**
Sample Matrix: **Soil**
Analysis requested: **EPA 7471**
Laboratory ID #: **L2623-02**
Cleanup procedure: **N/A**

Collected By: **Client**
Date sample collected: **12/21/00**
Date sample received: **12/26/00**
Date extracted: **12/26/00**
Date analyzed: **12/27/00**
Extraction method: **N/A**

Total mercury 7471

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample digestion holding time					X	
Sample analysis time			X			
Sample preservation					X	
Proper analytical method cited 7471					X	
Method Blank					X	
Instrument calibration					X	
Laboratory control sample					X	

Explanation of non-conforming parameters:

- No Non-conformities found.

RE: **Data Validation samples DW-2, DW-3, DW-5**

Client Sample ID: **DW-5**
Chemtech Project #: **960285**
Sample Matrix: **Soil**
Analysis requested: **EPA 7471**
Laboratory ID #: **L2623-03**
Cleanup procedure: **N/A**

Collected By: **Client**
Date sample collected: **12/20/00**
Date sample received: **12/26/00**
Date extracted: **12/26/00**
Date analyzed: **12/27/00**
Extraction method: **N/A**

Total mercury 7471

Item	Pass	Fail	Met	Not met	Acceptable	Not acceptable
Sample chain of custody					X	
Sample digestion holding time					X	
Sample analysis time			X			
Sample preservation					X	
Proper analytical method cited 7471					X	
Method Blank					X	
Instrument calibration					X	
Laboratory control sample					X	

Explanation of non-conforming parameters:

- No Non-conformities found.

END-POINT ANALYTICAL DATA PACKAGES

Please Refer to Addendum Reports No. 1 and 2