

**SOIL REMEDIATION REPORT
FOR PLANT 3 CHEM MILL
CLEAN LINE**

*Naval Weapons Industrial Reserve Plant
Bethpage, New York*

2 June 1997

Prepared For:

NORTHROP GRUMMAN CORPORATION
South Oyster Bay Road
Bethpage, New York 11714

Prepared By:

ERM-NORTHEAST
175 Froehlich Farm Boulevard
Woodbury, New York 11797



ERM-Northeast's Commitment to Quality

Our Quality Policy

We will fully understand and document our clients' requirements for each assignment.

We will conform to those requirements at all times and satisfy the requirements in the most efficient and cost effective manner.

Our quality policy and procedures include an absolute commitment to provide superior service and responsiveness to our clients

Our Quality Goals

To serve you.

To serve you well.

To continually improve that service.

Our Quality Improvement Process

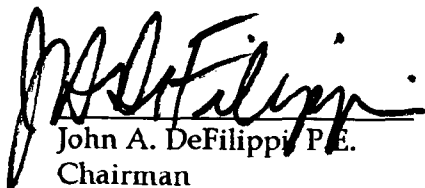
Train each employee.

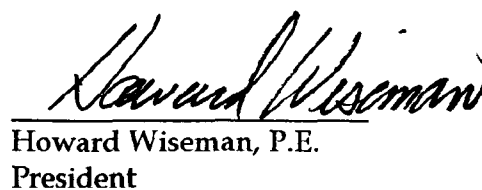
Establish and implement requirements based on a preventative approach.

Maintain a standing Quality Improvement Team to ensure continuous improvement.

Empower Corrective Action Teams to analyze, correct and eliminate problems.

Continually strive to improve our client relationships.


John A. DeFilippi, P.E.
Chairman


Howard Wiseman, P.E.
President

NORTHROP GRUMMAN

June 5, 1997

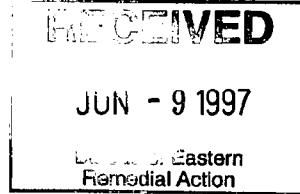
ETC97-132

Electronics & Systems Integration Division

Northrop Grumman Corporation

South Oyster Bay Road

Bethpage, New York 11714-3580



Mr. Robert DeCandia
Environmental Engineer
NYS Department of Environmental Conservation
SUNY - Bldg. 40
Stony Brook, New York 11790-2356

Subject: **Northrop Grumman Corporation
Bethpage, New York
Spill #92-07766, Chem Mill Clean Line - Plant 03**

Enclosure: Soil Remediation Report for Plant 03 Chem Mill Clean Line

Dear Mr. DeCandia:

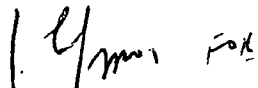
Please find enclosed the report for NYSDEC spill #92-07766 prepared by our consultant ERM and dated 2 June 1997, which pertains to a chromic/nitric acid spill at the Chem Mill Clean Line in Plant 03. The report documents the remediation effort and provides photographs of the remediation area and copies of manifests for the soil that was disposed.

As per your verbal approval, the excavation has been filled with clean fill and a new concrete slab has been poured over the area. Analysis for the clean fill used in the excavation has been included in the enclosed report.

After your review of the enclosed report, we would appreciate a formal close-out letter for the above spill number. If you have any questions, please call me at 516/575-2333 or J. Susco, of this office, at 516/575-7171.

Sincerely,

NORTHROP GRUMMAN CORPORATION



L. Deskovjan, Manager
Environmental, Health, Safety
and Medical Services

✓cc: J. Barnes (NYSDEC, Albany) w/ enclosure

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175 Froehlich Farm Boulevard
Woodbury, New York 11797

56000807.492

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- APPENDIX E:** *Manifests for Excavated Material*



Section 1

Section 1

1.0 INTRODUCTION

1.1 INTRODUCTION

On behalf of Northrop Grumman Corporation (Northrop Grumman), Environmental Resources Management (ERM) conducted excavation of chromium-contaminated soils within Plant 3, at the Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, New York. The NWIRP is a Government-Owned Contractor Operated (GOCO) facility operated by Northrop Grumman. The site location is shown on Figure 1.

1.2 BACKGROUND

In October 1992, Northrop Grumman reported a chromic/nitric acid spill to the New York State Department of Environmental Conservation (NYSDEC). The spill was caused by a pipe leak from Tank 958 at the Chem Mill Clean Line in Plant 3 (NYSDEC Spill #92-07766). Tank 958 contained 10 to 20% by volume 42° baume nitric acid, with 2 to 6 ounces per gallon of Parker + Amchem Deoxidizer No. 7 Makeup and/or No. 17. Deoxidizer No. 7 Makeup is comprised of greater than 60% potassium dichromate.

The leak occurred through the welded joints of an elbow in piping that connected the tank to a nearby transfer pump. The acid deteriorated the concrete floor and entered the soil below the floor through a hole approximately six inches in diameter. Soon after the leak was identified, Northrop Grumman repaired the leak and patched the hole in the concrete floor.

In February and March 1993, the transfer pump pad adjacent to Tank 958 was removed, resulting in a void through the concrete approximately eight feet long, two feet wide, and 2.25 feet deep. The contaminated soil

and concrete removed at this time were placed into drums. Surficial soil samples were collected and analyzed for total chromium. Detected concentrations ranged from 111 milligrams per kilogram (mg/kg) to 3,590 mg/kg.

In June 1994, Northrop Grumman advanced three borings through the concrete floor in an area west of Tank 958 and just south of the process wastewater trench. Soil samples collected to a depth of 11 feet below grade were found to contain total chromium at a concentration of 350 mg/kg. At this time, Northrop Grumman requested permission from NYSDEC to defer further investigation and soil removal until production ceased at the end of 1994 and Tank 958 could be safely removed.

In September 1995, Northrop Grumman completed a sampling program to delineate the lateral and vertical extent of chromium in soil beneath the concrete slab in the vicinity of the former Tank 958. A total of 107 soil samples was collected from 16 locations. Samples were collected in two-foot increments at depths ranging from grade to 60 feet below grade. Sample locations are shown on Figure 2.

The results of this investigation identified chromium in the soil to a depth of 60 feet. As shown in Table 1, except for samples B-7 (24'-26') at 150 mg/kg and B-3 (20'-22') at 78 mg/kg, all soil sample results greater than 18 feet below grade were less than 50 mg/kg.

In 1995, the NYSDEC, Division of Hazardous Waste Remediation proposed a revision to the Technical and Administrative Guidance Memorandum (TAGM), Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046, establishing a recommended soil cleanup objective of 50 mg/kg for total chromium.

Based on the soil boring results and the NYSDEC TAGM, it was proposed that soil excavation and off-site disposal be performed in an area of approximately 176 square feet. The final depth of excavation was to be 18 feet below grade.



Section 2

Section 2

EXCAVATION

Initially, the concrete floor around the existing trench was removed, using a concrete saw, jackhammer, and backhoe, to allow access to the area to be excavated. The expanded opening was approximately 24 feet long (east to west) by nine feet wide (north to south). The extent of floor opening is shown on Figure 2.

Before excavation began, it was determined that an overhead walkway along the north wall of the building would interfere with the swing of the backhoe's arm. The walkway was therefore removed.

The dimensions of the area to be excavated were 22 feet by 8 feet, by 18 feet deep. Excavation was performed using a diesel-powered, rubber-tired backhoe. The excavated soil was stockpiled on the intact concrete floor, then moved to lined roll-off containers outside the building, using a Bobcat loader. When full or at the end of each day (whichever came first), the roll-offs were covered.

Concerns about the integrity of the trench drain next to the excavation and a nearby building wall north of the work area led to the requirement that shoring be installed in the excavation, below a depth of four feet. The shoring system selected for use at this site consisted of interlocking, corrugated steel panels. The panels varied from 12 to 16 feet in length. The system was leased from Icon Equipment Distributors, Inc., of East Brunswick, New Jersey.

The panels were placed in the excavation using the backhoe, and toed into the soil at the bottom of the excavation's long (northern and southern) sides. The eastern and western (shorter) ends of the excavation stayed open, so no shoring was required in these areas.

The sheets were held in place using sets of three hydraulic walers, which were installed at vertical intervals of approximately five feet. Due to the length of the excavation, two sets of walers (one 12 feet long and one 10 feet long) were used. After placement, the walers were individually pressurized, using a hand pump and manifold system. The fluid used is water mixed with a biodegradable anti-freeze. As necessary, the panels were pushed deeper by the backhoe. The shoring system is shown in the photographs of Appendix A.

The final depth of most of the excavation was 19 feet below grade. The walers prevented the backhoe bucket from reaching 19 feet in a small area in the middle of the excavation. This area (approximately two feet long) was excavated to a depth of 17 feet. Fifteen containers, each with a nominal capacity of 20 cubic yards, were filled with contaminated soil.

Section 3

3.0

POST-EXCAVATION SAMPLING

As required by the Work Plan, post-excavation samples were collected at sixteen locations. Twelve of these samples were collected from the excavation bottom; the remaining six were collected from the sidewalls. The bottom samples were collected from 19 feet below grade and the sidewall samples were collected from 15 to 16 feet below grade (below the shoring panels). Sample locations and nomenclature are shown on Figure 3.

Samples were collected using a decontaminated hand auger, equipped with extensions so that no entry into the excavation was required. The auger heads were decontaminated between sample locations using a non-phosphate detergent wash, followed by distilled water rinse and air drying. The sampled material was placed into laboratory-supplied bottles, which were placed into an iced cooler. The cooler was delivered under chain of custody procedures to H2M Laboratories, in Melville, New York, for analysis.

Each sample was analyzed for total chromium and hexavalent chromium. Analytical results are summarized in Table 2. The analytical data package for these samples is included in Appendix B.

As shown in Table 2, four of the bottom samples and two of the sidewall samples contained total chromium concentrations slightly above the TAGM criterion of 50 mg/kg. Based on conversations between Northrop Grumman and NYSDEC personnel, approval was given to backfill the excavation.

Section 4

Section 4

4.0 BACKFILLING AND DISPOSAL

4.1 BACKFILLING AND COMPACTION

The excavation was backfilled with certified-clean fill. Analytical results for the backfill material are included in Appendix C. The backfill was installed in 1-foot lifts, which were remotely compacted.

As required by Northrop Grumman, two compaction tests were performed on 13 May 1997, by All Island Testing Associates, Inc., of Bay Shore, New York. The tests were performed to verify that the backfill had been compacted to at least 95% of the modified Proctor maximum dry density. The test results, included in Appendix D, showed that adequate compaction had been performed. After compaction was completed, a new concrete floor was installed to Northrop Grumman specifications over the excavated area.

4.2 DISPOSAL

The roll-off containers were transported by S.J. Transportation Co. Of Woodstown, New Jersey. The material was sent to the Laidlaw Environmental Services, Inc. facility in Laurel, Maryland for disposal. Manifests for the fifteen roll-offs are included in Appendix E.

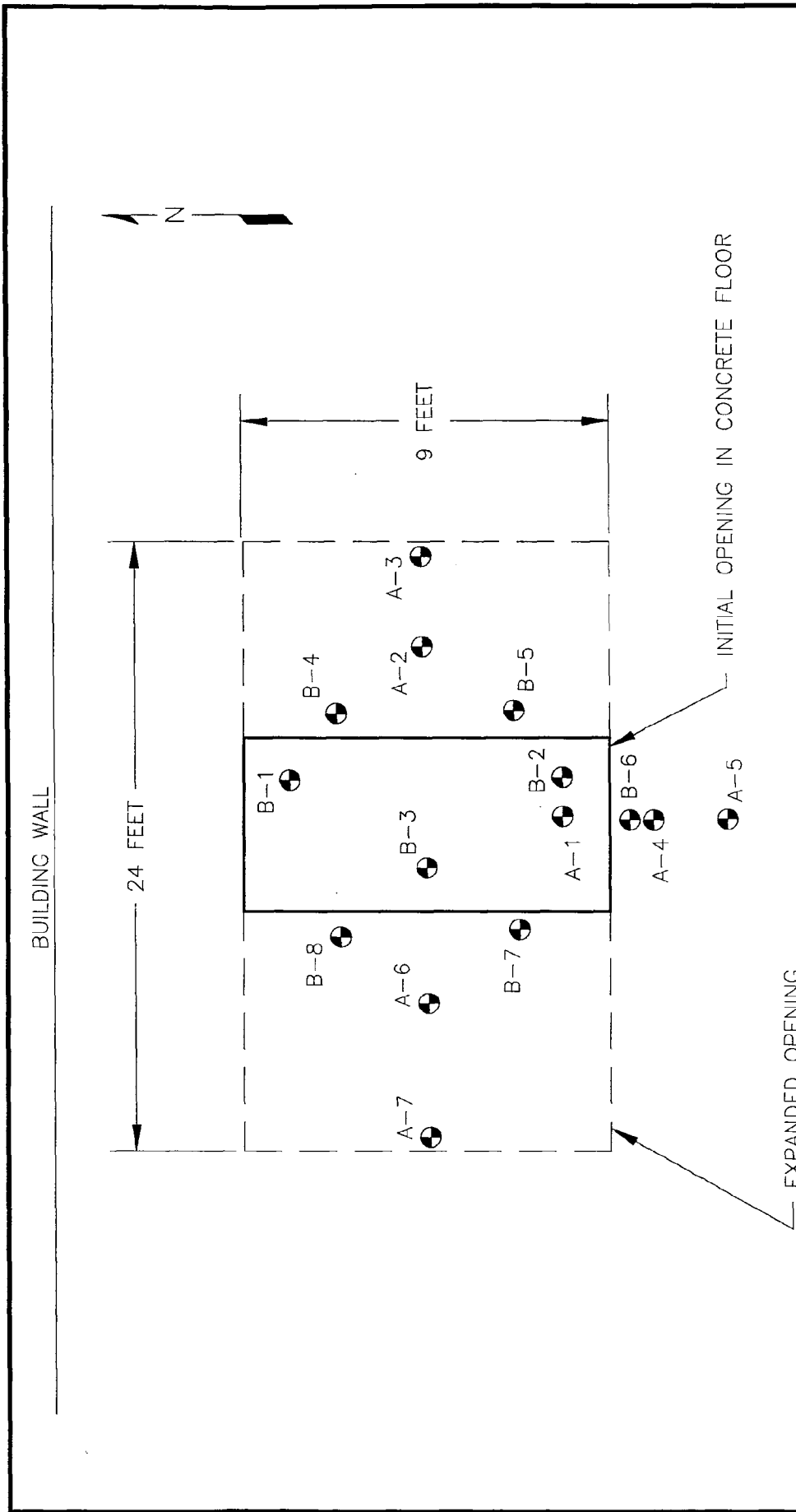
FIGURES



SOURCE: U.S.G.S. QUADRANGLE MAPS, HICKSVILLE N.Y.
 FREEPORT, HUNTINGTON, AMITYVILLE N.Y.

PLANT 3 CHEM MILL CLEAN LINE
 NWIRP
 BETHPAGE, N.Y.

PREPARED FOR NORTHROP GRUMMAN CORPORATION			SCALE 1" = 2000'	FIGURE 1
ERM-Northeast Environmental Resources Management		DATE		
ERM	JOB NO. 560.008	FILE NAME chemmill		
DRAWN M.M.			DATE 2/19/97	



TITLE
 EXCAVATION AREA
 PLANT 3 CHEM MILL CLEAN LINE
 NWIRP, BETHPAGE, NY

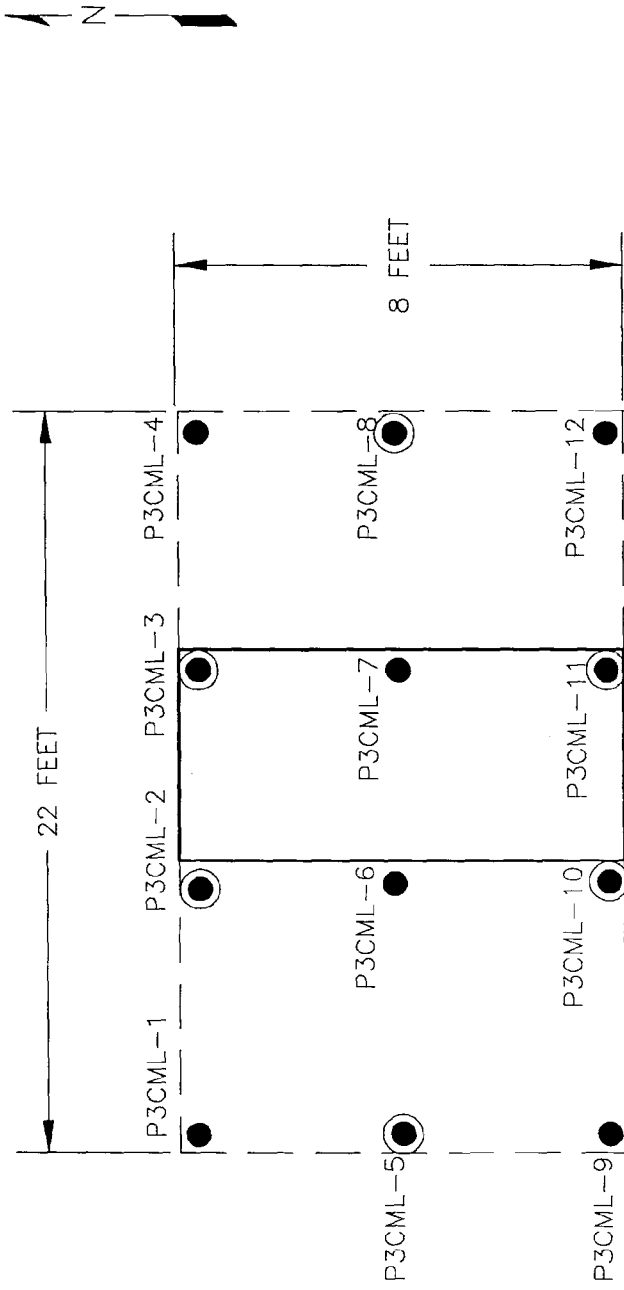
PREPARED FOR NORTHROP GRUMMAN CORPORATION		SCALE NONE	FIGURE 2
DRAWN M.M./E.M.F.		DATE 5/28/97	
JOB NO. 560.008		FILE NAME 56000014	
ERM-Northeast Environmental Resources Management			

EXPANDED OPENING
 IN CONCRETE FLOOR

INITIAL OPENING IN CONCRETE FLOOR

● PREVIOUS SOIL BORING

BUILDING WALL



EXCAVATED AREA. DIMENSIONS SHOWN ARE AT BOTTOM OF EXCAVATION.

LEGEND

- P3CML-1 ● BOTTOM SAMPLE LOCATION AND DESIGNATION
- SIDEWALL AND BOTTOM SAMPLE LOCATION. SIDEWALL LOCATIONS DESIGNATED BY "SW" SUFFIX.

TITLE		POST-EXCAVATION SAMPLE LOCATION MAP PLANT 3 CHEM MILL CLEAN LINE NWIRP, BETHPAGE, NY	
PREPARED FOR		NORTHROP GRUMMAN CORPORATION	
DRAWN M.M./E.M.F.	JOB NO.	FILE NAME	FIGURE
	560.008	56000015	3
SCALE		NONE	
DATE		5/29/97	

ERM
Environmental Resources Management

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TABLES

TABLE 1
 SUMMARY OF SOIL QUALITY
 PLANT 3 CHEM MILL CLEAN LINE
 CHROMIC ACID SPILL AREA
 NWIRE, BETHPAGE, NEW YORK

CHROMIUM ANALYSIS
 TACM GUIDANCE = 50 MG/KG

TOTAL CHROMIUM ANALYSIS (MG/KG)		B-1	B-2	B-3	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8
SAMPLE DESIGNATION		6/21/94	6/21/94	6/21/94	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95
SAMPLING DATE		6/21/94	6/21/94	6/21/94	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95	9/8-28/95
SAMPLING DEPTH (Feet)																				
0 to 2																				
2 to 4																				
4 to 6																				
6 to 8																				
8 to 10																				
10 to 12																				
12 to 14																				
14 to 16																				
16 to 18																				
18 to 20																				
20 to 22																				
22 to 24																				
24 to 26																				
28 to 30																				
30 to 32																				
34 to 36																				
36 to 38																				
38 to 40																				
48 to 50																				
58 to 60																				

Notes:
 Detections exceeding criteria are identified in bold italic format.

TABLE 2
SUMMARY OF POST-EXCAVATION SAMPLE RESULTS
NORTHROP GRUMMAN PLANT 3 - BETHPAGE, NEW YORK

SIDEWALL SAMPLES (approximately 15-16 below grade)		
Sample Designation	Total Chromium	Hexavalent Chromium
P3CML2SW	70.9	0.83
P3CML3SW	81.3	2.6
P3CML5SW	0.89	<0.83
P3CML8SW	9	1.4
P3CML10SW	7.8	<0.82
P3CML11SW	38.1	<0.82

BOTTOM SAMPLES (19 feet below grade)		
Sample Designation	Total Chromium	Hexavalent Chromium
P3CML1	4.4	<0.83
P3CML2	79.3	0.99
P3CML13 (1)	80.2	1.1
P3CML3	38.4	2.1
P3CML4	11.9	<0.82
P3CML5	7.8	<0.82
P3CML6	53.6	0.91
P3CML7	14.8	<0.83
P3CML8	4.3	<0.82
P3CML9	1.6	<0.82
P3CML10	60.7	2.5
P3CML11	76.3	1.8
P3CML12	8.1	<0.82

Notes:

(1) -duplicate of P3CML2
Units are milligrams per kilogram.

Appendices

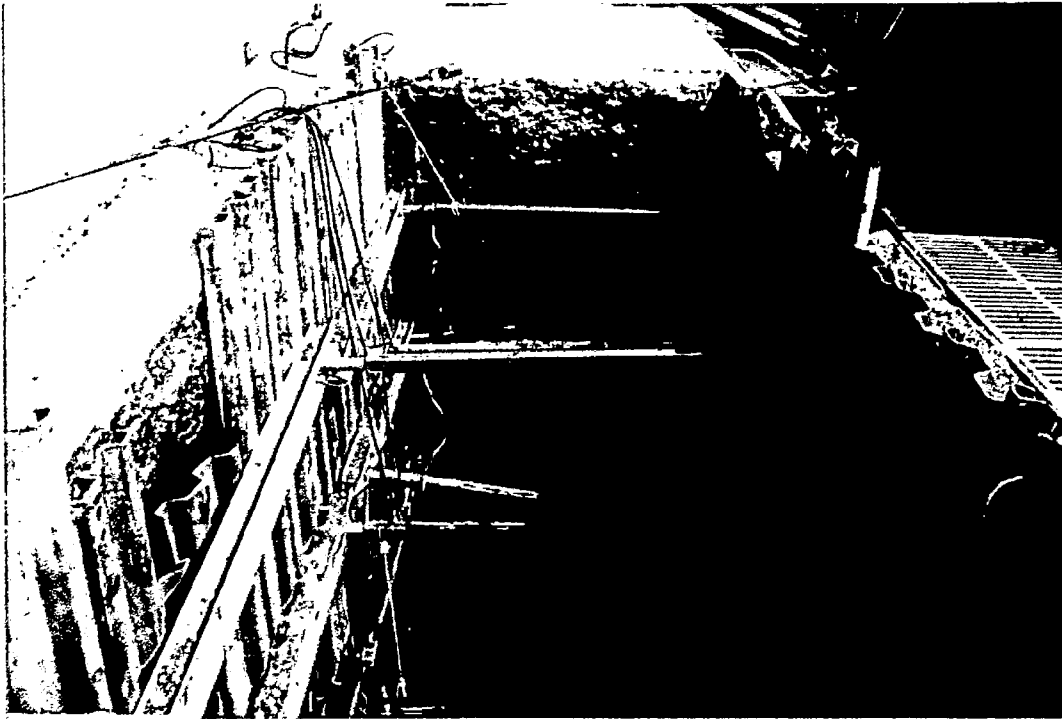
Appendices



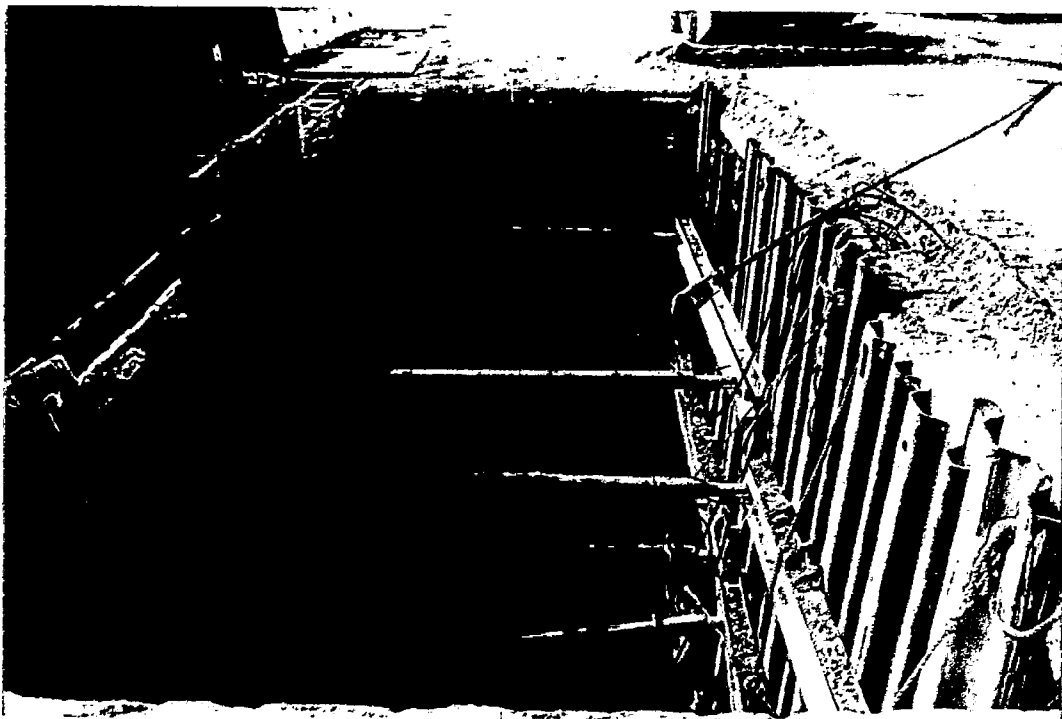
A

APPENDIX A

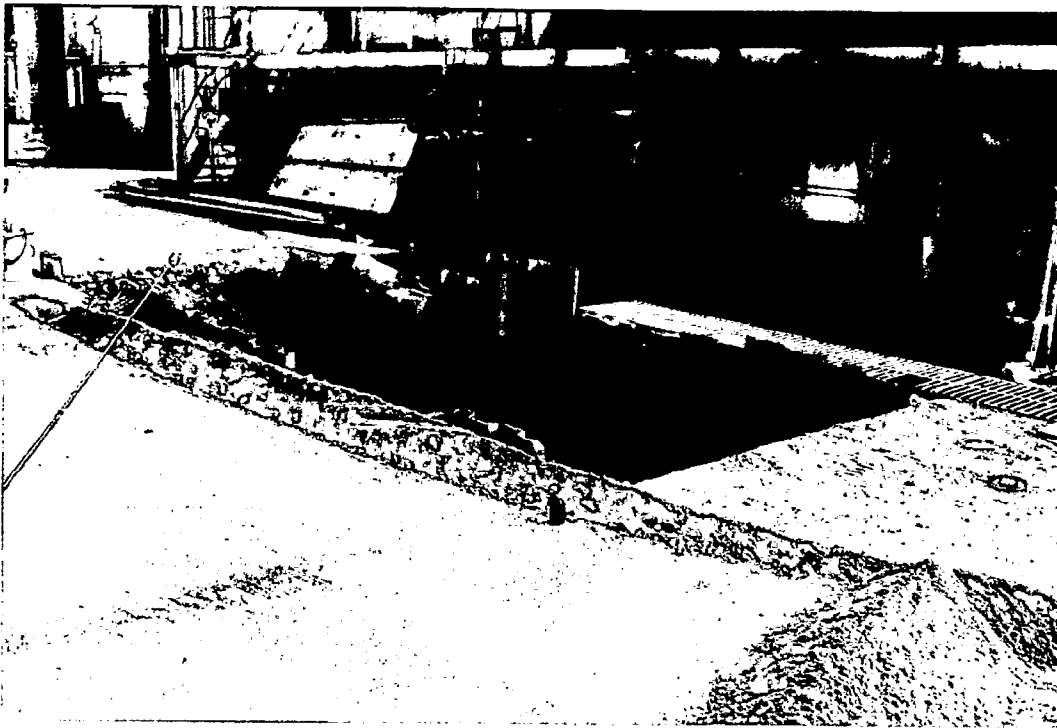
Photographic Documentation of Excavation



West wall of completed excavation. Trench drain is seen in upper right.



East wall of completed excavation.



Completed excavation. View is toward northwest.



**Completed excavation. View is toward northeast.
Yellow object is hand pump for hydraulic whalers.**

B

APPENDIX B

Laboratory Data Package for Post-excavation Samples

CHAIN OF CUSTODY RECORD

EnviroTest Laboratories Inc.

315 Fullerton Avenue, Newburgh, NY 12550 (914) 562-0860 FAX (914) 662-0841

CUSTOMER NAME
 EnviroTest Laboratories, Inc.

ADDRESS
 315 Fullerton Avenue

CITY, STATE, ZIP
 Newburgh, NY 12550

PHONE NO.
 (914) 562-0890

NAME OF CONTACT
 Douglas O. Tawre

PROJECT LOCATION

PROJECT NUMBER / PO NO.

PROJECT: 560.008

REPORT TYPE
 STANDARD ISRA
 NYASP A B CLP
 OTHER _____

TURNAROUND
 NORMAL _____
 QUICK ASAP
 VERBAL _____

LABORATORY # (Lab Use Only)
 PROJECT REVIEWED BY _____

NY PUBLIC WATER SUPPLIES
 SOURCE ID _____
 ELRP TYPE _____
 FEDERAL ID _____

ETL#	SAMPLE ID	DATE	ANALYSIS	MATRIX	CLIENT I.D.
	1010			SOIL	P3CML-1
	1055				P3CML-2
	1100				P3CML-3
	0905				P3CML-4
	1004				P3CML-5 SW
	0911				P3CML-6
	1052				P3CML-7
	1103				P3CML-8
	0933				P3CML-9
	0981				P3CML-10
	1045				P3CML-11

Cr 16, Total Cr

RELINQUISHED BY	DATE	TIME	COMPANY	RECEIVED BY	DATE	TIME	COMPANY
<i>[Signature]</i>	4/23/97	7:40	EnviroTest	<i>[Signature]</i>	4/23/97	15:30	EnviroTest
<i>[Signature]</i>				<i>[Signature]</i>			
<i>[Signature]</i>				<i>[Signature]</i>			

COMMENTS
 MESHED FROM P3CML-5 SW



Environmental Laboratories, Inc.
 315 Fulton Avenue, Newburgh, NY 12550 (914) 562-0890 FAX (914) 562-0841

CHAIN OF CUSTODY RECORD

CUSTOMER NAME
 EnviroTest Laboratories, Inc.
ADDRESS
 315 Fulton Avenue
CITY, STATE, ZIP
 Newburgh, NY 12550
NAME OF CONTACT
 Douglas O. Tawse
PHONE NO.
 (914) 562-0890
PROJECT LOCATION

PROJECT NUMBER / P.O. NO.
 Project: 560,008

REPORT TYPE
 STANDARD IGRA
 NYASP A B CLP
 OTHER _____

TURNAROUND
 NORMAL
 QUICK ASAP
 VERBAL

LABORATORY # (Lab Use Only)
 [REDACTED]

NY PUBLIC WATER SUPPLIES
 SOURCE ID _____
 ELRP TYPE _____
 FEDERAL ID _____

ETLP	SAMPLING DATE	TIME	AM	PM	NO	MATRIX	CLIENT I.D.	TOTAL NUMBER OF CONTAINERS	NYSP	IGRA	CLP	OTHER	LABORATORY #
	4/23/97	1109			1	SOIL	P3CHL-12	1					
		1014			1		P3CHL-13	1					
		0856			1		P3CHL-2 SW	1					
		0822			1		P3CHL-3 SW	1					
		0807			1		P3CHL-8 SW	1					
		0810			1		P3CHL-10 SW	1					
		0835			1		P3CHL-11 SW	1					
		0815			2	WATER	FIELD BLANK	2					
					1		TEMP. BLANK	1					

ANALYSIS REQUESTED
 Total Cr, Cr⁶⁺

EMPLOYED BY
 [Signature]
 COMPANY: [Blank]
 DATE: 4/23/97
 TIME: 1340

UNOBTAINED BY
 [Signature]
 COMPANY: Hazmat
 DATE: 4/23/97
 TIME: 1540

UNOBTAINED BY
 [Signature]
 COMPANY: [Blank]
 DATE: [Blank]
 TIME: [Blank]

REMARKS

NYSDOH 10142 NIDEP 20607 CTDOKHS PR-6654 EPA 871049

H2M LABS, INC.

QUALIFIERS FOR METALS ANALYSIS

Q Qualifiers

- E - The reported value is estimated because of the presence of interference. An explanatory note is included in the SDG narrative.
- M - Duplicate injection precision not met.
- N - Matrix spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- + - Correlation coefficient for the MSA is less than 0.995.
- W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.

C (Concentration) Qualifiers

- B - Entered if the reported value is less than the Contract Required Detection Limit (CRDL) but greater than the Instrument Detection Limit (IDL).
- U - Entered if the analyte was analyzed for but not detected, i.e., less than the IDL.

M (Method) Qualifiers

- P - Analyzed by ICP.
- A - Analyzed by Flame AA.
- F - Analyzed by Furnace AA.
- CV - Analyzed by Manual Cold Vapor Techniques.
- AV - Analyzed by Automated Cold Vapor Techniques.
- C - Analyzed by Manual Spectrophotometric Method.
- CA - Analyzed by Midi-distillation Spectrophotometric Method.
- NR - Analyte is Not Required.

04/29/97 11:17 914 562 0841

ENVIROTEST

005

APR-29-37 TUE 11:16

H2M LABS, INC.

FAX NO. 5164208436

P.23

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)834-3040 FAX:(516)420-8436 NYSDOH (DE 10478)

LAB NO: 9711240

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 0940 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 1
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

<0.83 mg/kg
96.4 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Blawie
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML1

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711240

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	4.4			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-1

DATE REPORTED: APRIL 28, 1997

FORM I - TN

04/29/97 11:18
APR-29-97 TUE 11:16

914 582 0841
H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

P.24 007

H2M LABS, INC.

375 Broad Hollow Road, Melville, N.Y. 11767
(516)420-3000 FAX: (516)420-8436 NYSDEC ID# 19478

LAB NO: 9711241

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1010 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 2
REMARKS: P3CML

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
HEXAVALENT CHROMIUM	0.99	mg/kg
TOTAL SOLIDS	96.8	%

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. [Signature]
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML2

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711241

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	79.3			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-2

DATE REPORTED: APRIL 28, 1997

04/29/97 11:19
APR-29-37 TUE 11:16

914 562 0841
H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

P.25 009

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)894-2040 FAX:(516)420-8436 NYSDOH ID# 10478

LAB NO: 9711242

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1055 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 3
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

2.1 mg/kg
98.0 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J.M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML3

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711242

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 98.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	38.4			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-3

DATE REPORTED: APRIL 28, 1997

FORM T - TN

04/29/97 11:20
APR-29-37 TUE 11:17

914 562 0841
H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

011
P.26

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)424-2040 FAX:(516)420-8436 NYSDEC ID# 10478

LAB NO: 9711243

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1100 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 4
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

<0.82 mg/kg
97.0 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. [Signature]
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML4

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711243

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	11.9			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-4

DATE REPORTED: APRIL 28, 1997

FORM I - IN

04/29/97 11:20 8914 562 0841
APR-29-97 TUE 11:19 H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

P. 38 013

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-2040 FAX:(516)420-8436 NYSIDM 10478

LAB NO: 9711255

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBORGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 0905 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 5 SW
MS/MSD
REMARKS: P3CML

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
HEXAVALENT CHROMIUM	<0.83	mg/kg
TOTAL SOLIDS	96.1	%

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J.M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

CML5SW

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711255

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	0.89	B		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-5 SW
DATE REPORTED: APRIL 28, 1997

04/29/97 11:21
APR-29-97 TUE 11:17

914 562 0841
H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

P. 28 015

H2M LABS, INC.

575 Broad Hollow Road, Great Neck, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 W/SHEET 10# 10478

LAB NO: 9711245

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1004 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 6
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

0.91 mg/kg
97.0 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

P3CML6

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711245

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	53.6			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-6

DATE REPORTED: APRIL 28, 1997

APR-29-97 TUE 11:17 H2M LABS, INC.

ENVIROTEST FAX NO. 5164208438

1.21

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)894-3540 FAX:(516)420-8436 NYSDOH ID# 10478 LAB NO: 9711244

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB.

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 0947 HRS. LOCATION: 5
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
HEXAVALENT CHROMIUM	<0.82	mg/kg
TOTAL SOLIDS	97.4	%

COPIES TO:

DATE ISSUED 04/29/97

ORIGINAL

J.M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML5

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711244

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	7.8			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-5
DATE REPORTED: APRIL 28, 1997

04/29/97 11:22
APR-29-97 TUE 11:17

0914 562 0841
H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

019
P. 29

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)494-3040 FAX: (516)420-8436 NYSDOH 106 10478

LAB NO: 9711246

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1052 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 7
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

<0.83 mg/kg
96.9 %

COPIES TO:

DATE ISSUED 04/29/97

ORIGINAL

J. M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML7

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711246

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	14.8			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-52-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-7

DATE REPORTED: APRIL 28, 1997

Fax

Date:	4/29/97
Number of pages including cover sheet:	25

Part II of II

To: Mike Duffey
Phone:
Fax Phone: 516-921-2914
CC:

From: D. Jansen
Phone: (914)562-0890
Fax Phone: (914)562-0841

Remarks:

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If any of the following information is not legible or clear, we encourage our customers to verify the data by phoning our office immediately or by examination of the final analytical report.

New York State Department of Health Approved

APR-29-37 TUE 11:18

H2M LABS, INC.

TRA NO. 0104200430

H2M LABS, INC.

575 Grand Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 420-8436 NYSDEC ID# 10478

LAB NO: 9711247

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1103 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 8
REMARKS: P3CML

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
HEXAVALENT CHROMIUM	<0.82 mg/kg
TOTAL SOLIDS	97.5 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Slavina
LABORATORY DIRECTOR

04/29/97 11:25
APR-29-97 TUE 11:15

914 562 0841
H2M LABS, INC.

ENVIROTEST
FAX NO. 5104200430

003

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML8

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711247

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	4.3			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-8
DATE REPORTED: APRIL 28, 1997

04/29/97 11:26 2914 562 0841
APR-29-37 TUE 11:18 H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

P. 01 004

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-2040 FAX: (516) 79-8436 NYS204 104 10478

LAB NO: 9711248

ENVIROTEST LABORATORIES INC.
NICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 0953 HRS. LOCATION: 9
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
HEXAVALENT CHROMIUM	<0.82 mg/kg
TOTAL SOLIDS	97.1 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Blawie
LABORATORY DIRECTOR

04/29/97 11:26
APR-29-37 TUE 11:16

914 562 0841
H2M LABS. INC.

ENVIROTEST
FAX NO. 5169208430

0005

H2M LABS, INC.

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

P3CML9

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711248

Level (low/med): LOW

Date Received: 04/23/97

* Solids: 97.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	1.6			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-9

DATE REPORTED: APRIL 28, 1997

FORM I - IN

04/29/97 11:26 914 562 0841
APR-29-97 TUE 11:18 H2M LABS, INC.

ENVIROTEST
FAX NO. 5169208430

006

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516)694-3040 FAX: (516) 670-8436 NYSDEC ID# 10478

LAB NO: 9711249

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 0959 HRS. LOCATION: 10
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
HEXAVALENT CHROMIUM	2.5 mg/kg
TOTAL SOLIDS	97.4 %

COPIES TO:

DATE ISSUED 04/29/97

ORIGINAL

J. M. Blawie
LABORATORY DIRECTOR

H2M LABS, INC.

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

3CML10

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711249

Level (low/med): LOW

Date Received: 04/23/97

% Solids:

97.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	60.7			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-10

DATE REPORTED: APRIL 28, 1997

04/29/97 11:27 914 562 0841
APR-29-97 TUE 11:18 H2M LABS, INC.

ENVIROTEST
FAX NO. 3109200430

11:00 008

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)892-3040 FAX:(516)270-8435 NYSDEC ID# 10478

LAB NO: 9711250

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 1045 HRS. LOCATION: 11
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

1.8 mg/kg
97.3 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

3CML11

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711250

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	76.3			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-11

DATE REPORTED: APRIL 28, 1997

04/29/97 11:28 914 562 0841
APR-29-97 TUE 11:18 H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

r. 34 010

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8436 NYSDEC ID# 10478

LAB NO: 9711251

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 1109 HRS. LOCATION: 12
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

<0.82 mg/kg
98.1 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

3CML12

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711251

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 98.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	8.1			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-12

DATE REPORTED: APRIL 28, 1997

04/29/97 11:29 914 562 0841
APR-29-97 TUE 11:19 H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208436

r. 33 012

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 420-2040 FAX: (516) 420-3436 NYSUCH ID# 18478

LAB NO: 9711252

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 HILLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 1014 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 13
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

1.1 mg/kg
96.7 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

3CML13

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711252

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	80.2			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-13
DATE REPORTED: APRIL 28, 1997

04/29/97 11:29 914 562 0841
APR-28-97 TUE 11:19 H2M LABS, INC.

ENVIROTEST
FAX NO. 5164208430

r. 00 014

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 834-2040 FAX: (516) 420-8430
LAB NO: 9711753

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 0856 HRS. LOCATION: 2 SW
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
HEXAVALENT CHROMIUM	0.83 mg/kg
TOTAL SOLIDS	95.9 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Slavin
LABORATORY DIRECTOR

H2M LABS, INC.

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

CML2SW

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711253

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 95.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	70.9			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-2 SW

DATE REPORTED: APRIL 28, 1997

FORM I - IN

04/28/97 11:30 0914 562 0841
APR-28-37 TUE 11:19 H2M LABS, INC.

ENVIROTEST
FAX NO. 3104200430

016

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-2040 Fax: (516)270-8436 WSDOM 100 10478

LAB NO: 9711254

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 0822 HRS. LOCATION: 3 SW
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
HEXAVALENT CHROMIUM	2.6	mg/kg
TOTAL SOLIDS	96.8	%

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Blain
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

CML3SW

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711254

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	81.3			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-3 SW

DATE REPORTED: APRIL 28, 1997

04/29/97 11:31 2914 562 0841
APR 29 37 TUE 11:20 H2M LABS, INC.

ENVIROTEST
TRK NO. 3104200430

018

H2M LABS, INC.

525 Broad Hollow Road, Melville, N.Y. 11747
(516) 494 3040 FAX: (516) 420 8156 NYSDOH ID# 10478 LAB NO: 9711256

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAT.
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 0807 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CT.99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 8 SW
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

1.4 mg/kg
96.5 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J. M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

CML8SW

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711256

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 96.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: PCML-8 SW

DATE REPORTED: APRIL 28, 1997

APR-29-97 TUE 11:20 H2M LABS, INC.

H2M LABS, INC.

ENVIROTEST
FBA NO. 3104200430
575 Broad Hollow Road, Melville, N.Y. 11747
(516)894-3040 FAX: (516)420-8436 NYSDOH ID# 10478

LAB NO: 9711257

ENVIROTEST LABORATORIES INC.
HICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 04/23/97 POINT NO:
TIME COLLECTED. 0840 HRS. LOCATION: 10 SW
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99 REMARKS: P3CML
PROJECT NO..... 560.008

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
HEXAVALENT CHROMIUM	<0.82	mg/kg
TOTAL SOLIDS	97.9	%

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J.M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1 INORGANIC ANALYSIS DATA SHEET

ML10SW

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: EL1013

Matrix (soil/water): SOIL

Lab Sample ID: 9711257

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	7.8			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-10 SW
DATE REPORTED: APRIL 28, 1997

APR-29-37 TUE 11:20

H2M LABS, INC.

FAX NO. 5104200430

H2M LABS, INC.

525 Broad Hollow Road, Melville, N.Y. 11747
(516)684-3000 FAX:(516)420-8436 NYSDEC ID# 10478

LAB NO: 9711261

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... SOIL
ROUTINE
METHOD.... GRAB

DATE COLLECTED. 04/23/97
TIME COLLECTED. 0835 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: 11 SW
REMARKS: P3CML

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM
TOTAL SOLIDS

<0.82 mg/kg
97.3 %

COPIES TO:

DATE ISSUED 04/28/97

ORIGINAL

J.M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC. ENVIROFORMS/INORGANIC CLP

1 INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

ML11SW

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): SOIL

Lab Sample ID: 9711261

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 97.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-8	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	38.1			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7783-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: P3CML-11 SW
DATE REPORTED: APRIL 28, 1997

FORM I - IN

APR-29-37 TUE 12:04

H2M LABS, INC.

H2M LABS, INC.

ENVIROTEST
FAX NO. 3104200430
575 Broad Hollow Road, Melville, N.Y. 11747
(516) 894-3040 FAX: (516) 420-8036 NYSIDM ID# 10478

LAB NO: 9711262

ENVIROTEST LABORATORIES INC.
RICK BAYER
315 FULLERTON AVENUE
NEWBURGH, NY 12550

TYPE..... BLANK

DATE COLLECTED. 04/23/97
TIME COLLECTED. 0845 HRS.
DATE RECEIVED.. 04/23/97
COLLECTED BY... CL99
PROJECT NO..... 560.008

POINT NO:
LOCATION: FIELD BLANK
REMARKS:

PARAMETER (S)

RESULTS UNITS

HEXAVALENT CHROMIUM

<0.02 mg/l

COPIES TO:

DATE ISSUED 04/29/97

ORIGINAL

J.M. Flavin
LABORATORY DIRECTOR

H2M LABS, INC.

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

FLDBLK

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.:

SAS No.:

SDG No.: ELI013

Matrix (soil/water): WATER

Lab Sample ID: 97112612

Level (low/med): LOW

Date Received: 04/23/97

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

SD
4/29/97

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium	22.8			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID: FIELD BLANK
DATE REPORTED: APRIL 28, 1997



C

APPENDIX C

Analytical Results for Backfill Material

ITC #172 "K"

ERM - Northeast
Chain of Custody

ATTN: Doug Tawse

ERM - Northeast
Professional Engineers Registration

175 Froetsch Farm Boulevard • Woodbury, New York 11797 • (516) 921-4300 • Telefax (516) 921-6879 • (516) 921-5637

Report: STD.

Type and No. of Containers

Project Name / No. Gryman Chrome - 200119
Project Coordinator / Contact Mike Duffy / Gary Hughes
Sampler(s) Glen Clark
Bottles Supplied By Enviro Clean - N.E.
Sheet No. 1 of 1

Turnaround
Due Weds. 5/14/97
mon

Date	Time	g p	g p	Water	Sample Identification	Total No. of Containers	Type and No. of Containers	Analysis Requested
5/2/97	0700	X		X	Sand - 1	1	1 Liter Plastic	VOL Volatiles (8240) VOL Semi-Volatiles (8270) Total Metals Metals PCB (8080) / TEST HPCB PCB
								CHANGES REC
								GARY HUGHES
								5/5/97
								9:45 AM
								DT

HURBARO

Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	Reason for Transfer
<u>Glen Clark</u>	5/2/97 10:30	<u>Mike Duffy</u>	5/5/97 9:35 AM	

Inorganics Analysis Data Sheet
Form I - IN

Client Name: ERM Northeast - Woodbury Project Name: 200.119
 ETL Sample Number: 172446-01 **
 Client I.D.: SAND-1
 Date Collected: 02-MAY-97 Matrix: 3 Soil/Sltdg
 Date Received: 05-MAY-97
 Comments:

Analysis	Result	Units	Method	Analyzed
Antimony	10.3 U	MG/KG DRY	6010	09-MAY-97
Arsenic	1.0 U	MG/KG DRY	7060	09-MAY-97
Beryllium	1.0 U	MG/KG DRY	6010	09-MAY-97
Cadmium	2.1 U	MG/KG DRY	6010	09-MAY-97
Chromium	2.1 U	MG/KG DRY	6010	09-MAY-97
Copper	9.4	MG/KG DRY	6010	09-MAY-97
Lead	20.6 U	MG/KG DRY	6010	09-MAY-97
Mercury	0.09 U	MG/KG DRY	7471	06-MAY-97
Nickel	8.2	MG/KG DRY	6010	09-MAY-97
Percent Solids	97.1	%	160.3	05-MAY-97
Selenium	1.0 U	MG/KG DRY	7740	09-MAY-97
Silver	2.1 U	MG/KG DRY	6010	09-MAY-97
Thallium	2.1 U	MG/KG DRY	7841	09-MAY-97
Zinc	7.2	MG/KG DRY	6010	09-MAY-97

Remarks:

PRELIMINARY RESULTS

Envirotest
Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(814) 542-0800
FAX (814) 542-0841

Volatile Organics Analysis Data Sheet
Form I VOA
8240

Client ID: SAND-1	Date Collected: 02-MAY-97
ETL Sample Number: 172446-01	Date Received: 05-MAY-97
Client Name: ERM Northeast - Woodbury	Date Extracted:
Project Name: 200.119	Date Analyzed: 07-MAY-97
% Solid: 97.1	Report Date: 12-MAY-97
Matrix: 3 Soil/Slidg	Column: DB-624
Sample Wt/Vol: 5g	Lab File Id: V9806.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/kg	Conc. ug/kg	Data Qualifier
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene chloride	10		U
67-64-1	Acetone	10	2	J
75-15-0	Carbon disulfide	10		U
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
540-59-0	1,2-Dichloroethene (total)	10		U
67-66-3	Chloroform	10		U
107-06-2	1,2-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon tetrachloride	10		U
108-05-4	Vinyl acetate	10		U
75-27-4	Bromodichloromethane	10		U
78-87-5	1,2-Dichloropropane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	10		U
71-43-2	Benzene	10		U
124-48-1	Dibromochloromethane	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-5	1,1,2-trichloroethane	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-pentanone	10		U
591-78-6	2-Hexanone	10		U
79-34-5	1,1,2,2-Tetrachloroethane	10		U
127-18-4	Tetrachloroethene	10		U
108-88-3	Toluene	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U
1330-20-7	Xylenes, Total	10		U
110-75-8	2-Chloroethylvinylether	10		U
95-50-1	1,2-Dichlorobenzene	10		U
541-73-1	1,3-Dichlorobenzene	10		U
106-46-7	1,4-Dichlorobenzene	10		U

Semi-Volatile Organics Analysis Data Sheet
Form I SV
8270

Client ID: SAND-1 Date Collected: 02-MAY-97
 ETL Sample Number: 172446-01 Date Received: 05-MAY-97
 Client Name: ERM Northeast - Woodbury Date Extracted: 06-MAY-97
 Project Name: 200.119 Date Analyzed: 07-MAY-97
 % Solid: 97.1 Report Date: 12-MAY-97
 Matrix: 3 Soil/Sldg Column: DB-5
 Sample Wt/Vol: 30g Lab File Id: S5348.0
 Level: LOW Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/kg	Conc. ug/kg	Data Qualifier
108-95-2	Phenol	340		U
111-44-4	bis(2-Chloroethyl) ether	340		U
95-57-8	2-Chlorophenol	340		U
541-73-1	1,3-Dichlorobenzene	340		U
106-46-7	1,4-Dichlorobenzene	340		U
100-57-6	Benzyl Alcohol	340		U
95-58-1	1,2-Dichlorobenzene	340		U
95-48-7	2-Methylphenol	340		U
106-44-5	4-Methylphenol	340		U
108-60-1	bis(2-Chloroisopropyl) ether	340		U
621-64-7	N-Nitroso-di-n-propylamine	340		U
67-72-1	Hexachloroethane	340		U
98-95-30	Nitrobenzene	340		U
78-59-1	Isophorone	340		U
88-75-52	2-Nitrophenol	340		U
105-67-9	2,4-Dimethylphenol	340		U
111-93-1	bis(2-Chloroethoxy)methane	340		U
120-83-2	2,4-Dichlorophenol	340		U
120-82-1	1,2,4-Trichlorobenzene	340		U
91-20-3	Naphthalene	340		U
106-47-8	4-Chloroaniline	340		U
87-68-3	Hexachlorobutadiene	340		U
59-50-7	4-Chloro-3-methylphenol	340		U
91-57-6	2-Methylnaphthalene	340		U
77-47-4	Hexachlorocyclopentadiene	340		U
88-06-2	2,4,6-Trichlorophenol	340		U
95-95-4	2,4,5-Trichlorophenol	340		U
91-58-7	2-Chloronaphthalene	340		U
88-71-4	2-Nitroaniline	860		U
131-11-3	Dimethylphthalate	340		U
208-96-8	Acenaphthylene	340		U
606-20-2	2,6-Dinitrotoluene	340		U
99-09-2	3-Nitroaniline	860		U
83-32-9	Acenaphthene	340		U
51-28-5	2,4-Dinitrophenol	860		U
100-02-7	4-Nitrophenol	860		U
132-64-9	Dibenzofuran	340		U
121-14-2	2,4-Dinitrotoluene	340		U
84-66-2	Diethylphthalate	340		U
7005-72-3	4-Chlorophenyl phenylether	340		U
86-73-7	Fluorene	340		U
100-01-6	4-Nitroaniline	860		U

PRELIMINARY RESULTS *SP*

EnviroTest
Laboratories Inc.

NYSDOH 10142

NJDEP 73307

C10046 PH-0334

ERA NY049

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0850
FAX (914) 562-0841

NYSDEC 063820

Semi-Volatile Organics Analysis Data Sheet
Form I SV
82/0

Results are continued from the previous page for 172446-01

CAS NO.	Compound	ug/kg	ug/kg	Qualifier
534-52-1	4,6-Dinitro-2-methylphenol	860		U
86-30-6	N-Nitrosodiphenylamine	340		U
101-55-3	4-Bromophenyl phenylether	340		U
118-74-1	Hexachlorobenzene	340		U
97-86-5	Pentachlorophenol	860		U
85-01-8	Phenanthrene	340		U
120-12-7	Anthracene	340		U
84-74-2	Di-n-butylphthalate	340		U
205-44-0	Fluoranthene	340		U
129-00-0	Pyrene	340		U
85-68-7	Butylbenzylphthalate	340		U
91-94-1	3,3'-Dichlorobenzidine	690		U
96-55-3	Benzo(a)anthracene	340		U
218-01-9	Chrysene	340		U
117-81-7	bis(2-Ethylhexyl)phthalate	340		U
117-84-0	Di-n-octylphthalate	340		U
205-99-2	Benzo(b)fluoranthene	340		U
207-08-9	Benzo(k)fluoranthene	340		U
50-32-8	Benzo(a)pyrene	340		U
193-39-5	Indeno(1,2,3-cd)pyrene	340		U
53-70-3	Dibenz(a,h)anthracene	340		U
191-24-2	Benzo(g,h,i)perylene	340		U
62-75-9	N-Nitrosodimethylamine	340		U

Pesticide/PCB Organics Analysis Data Sheet
Form I PEST
8080

Client ID: SAND-1	Date Collected: 02-MAY-97
ETL Sample Number: 172446-01	Date Received: 05-MAY-97
Client Name: ERM Northeast - Woodbury	Date Extracted: 06-MAY-97
Project Name: 200.119	Date Analyzed: 07-MAY-97
% Solid: 97.1	Report Date: 12-MAY-97
Matrix: 3 Soil/Sldg	Column: DB-5
Sample Wt/Vol: 30g	Lab File Id: 36P7481P.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/kg	Conc. ug/kg	Data Qualifier
319-84-6	alpha-BHC	1.7		U
319-85-7	beta-BHC	1.7		U
319-86-8	delta-BHC	1.7		U
58-89-9	gamma-BHC (Lindane)	1.7		U
76-44-8	Heptachlor	1.7		U
309-00-2	Aldrin	1.7		U
1024-57-3	Heptachlor epoxide	1.7		U
959-98-8	Endosulfan I	3.4		U
60-57-1	Dieldrin	3.4		U
72-55-9	4,4'-DDE	3.4		U
72-20-8	Endrin	3.4		U
33213-65-9	Endosulfan II	3.4		U
72-54-8	4,4'-DDP	3.4		U
1031-07-8	Endosulfan sulfate	3.4		U
50-29-3	4,4'-DDT	3.4		U
72-43-5	Methoxychlor	17		U
7421-36-3	Endrin aldehyde	3.4		U
57-74-9	Technical Chlordane	17		U
8001-35-2	Toxaphene	34		U
12674-11-2	Aroclor - 1016	5		U
11104-28-2	Aroclor - 1221	5		U
11141-16-5	Aroclor - 1232	5		U
53469-21-9	Aroclor - 1242	5		U
12672-29-6	Aroclor - 1248	5		U
11097-69-1	Aroclor - 1254	1		U
11096-82-5	Aroclor - 1260	1		U

PRELIMINARY RESULTS *JK*

EnviroTest
Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890
FAX (914) 562-0841

Herbicide Organics Analysis Data Sheet
Form I Herb
8150

Client ID: SAND-1	Date Collected: 02-MAY-97
ETL Sample Number: 172446-01	Date Received: 05-MAY-97
Client Name: ERH Northeast - Woodbury	Date Extracted: 06-MAY-97
Project Name: 200.119	Date Analyzed: 09-MAY-97
% Solid: 97.1	Report Date: 12-MAY-97
Matrix: 3 Soil/Stdg	Column: DB-5
Sample Wt/Vol: 50g	Lab File Id: 36P7558P.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/kg	Conc. ug/kg	Data Qualifier
94-75-7	2,4-D	1		U
93-72-1	2,4,5-TP (Silvex)	1		U
87-86-5	Pentachlorophenol (PCP)	1		U
75-99-0	Dalapon	1		U
1918-00-9	Dicamba	1		U
88-85-7	Dinoseb	1		U
1918-02-1	Picloram	1		U

EnviroTest
Laboratories Inc.

PRELIMINARY RESULTS

315 Fullerton Avenue
Newburgh, NY 12560
(914) 562-0890
FAX (914) 562-0841

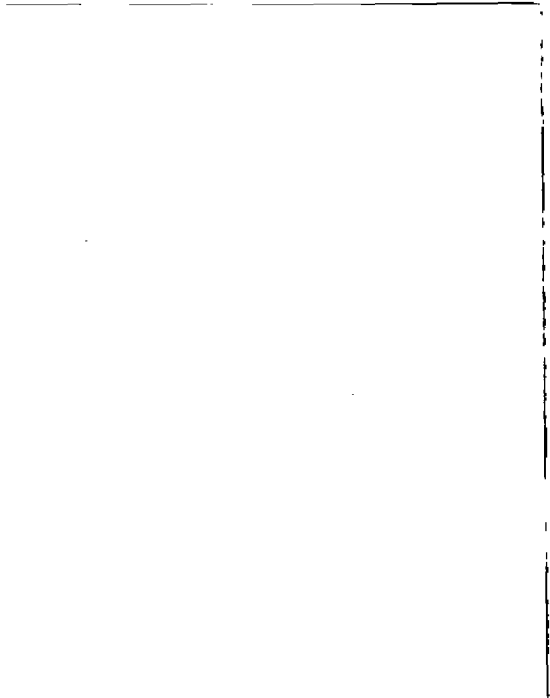
NYSDOH 10142

NJDEP 73507

CTDOR 15 PH-0554

FPA NY049

NYSDEC 063823



D

APPENDIX D

Compaction Test Results

ALL ISLAND TESTING ASSOC. INC.

61G Pine Aire Drive

Bay Shore, N.Y. 11706

CLIENT:

EnviroCleann
175 Floehlich Farm Blvd
Woodbury NY 11797

PROJECT:

Grumman, Bethpage -
Bldg 3, Chem Mill Bldg

SUBJECT:

Field Density

DATE TAKEN:

May 13, 1997

SAMPLE #

	1	2				
MAXIMUM DENSITY	111.4	111.4				
OPTIMUM MOISTURE	11.9	11.9				
WT. PER CUBIC FT.	108.6	108.1				
ACTUAL MOISTURE	4.5	8.2				
% DENSITY	97.4	97.0				

LOCATION:

- Chromium Pit: 5' North of Southside, 6' West of Eastside, 5' Below Existing Grade
- Chromium Pit: 3' South of Northside, 9' East of Westside, Approximately 4" Below Final Subgrade

Respectfully Submitted,
ALL ISLAND TESTING ASSOCIATES, INC

Doug Quick
Doug Quick



E

APPENDIX E

Manifests for Excavated Material



Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 8/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO.

NYID 002047967

Manifest Document No.

89231

Page 1 of 1

Information in the shaded areas is not required by Federal law.
GAS

3. Generator's Name and Mailing Address

NORTROP GREENHA
SOUTH OYSTER BAY RD MS D08-001, BETHPAGE, NY 11714

4. Generator's Phone (616) 575-4600

5. Transporter 1 (Company Name)

S.J. TRANSPORTATION Co.

6. US EPA ID Number

NYID 10711K12199746

7. Transporter 2 (Company Name)

8. US EPA ID Number

A. State Manifest Document Number

MDC 0688631

B. State Generator's ID Number

Same

C. State Transporter's ID

HW 1/142

Vehicle Sticker Number

66A02977

DC NON MD RESIDENT

D. Transporter's Phone

(609) 769-2741

E. State Transporter's ID

HW 1 1 1

Vehicle Sticker Number

66A02977

DC

F. Transporter's Phone

9. Designated Facility Name and Site Address

LAIDLAW ENV. SERVICES (TS) INC. (TS), INC.
3527 WHISKY BOTTOM ROAD
LAUREL, MD 20724

G. State Facility ID

A207

H. Facility's Phone

301-939-6000

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

NON REGULATED MATERIAL

12. Containers No. Type

001 CM

13. Total Quantity

0100020

14. Unit W/Vol

Y

I. Waste No.

NONE

J. Additional Description for Materials Listed Above

HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage	K. Handling Codes for Waste Listed Above					
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
			100%										

15. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. 6CB-721 (pink)

EPA Codes b. NJ LICENSE # 765-787

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

ON BEHALF OF NCC

Signature

NCC by [Signature]

Date

04/29/97

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Vincent Westrell

Signature

[Signature]

Date

04/29/97

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

CHRIS HERNANDEZ

Signature

[Signature]

Date

05/13/97

MDC 0688631



MARYLAND HAZARDOUS WASTE MANIFEST
 Department of the Environment - Waste Management Administration
 2500 Broening Highway Baltimore, MD 21224

Hazardous Waste Program

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No: 2050-0039 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

NYID 000047967

Manifest Document No.

88639

Page 1 of

1

Information in the shaded areas is not required by Federal law.

GAS

3. Generator's Name and Mailing Address

**NORTHROP CRUMHALL
 SOUTH OYSTER BAY RD HS 808-001, BETHPAGE, NY 11714**

4. Generator's Phone (516) 575-4680

JOHN COYNE

5. Transporter 1 (Company Name)

6. US EPA ID Number

~~NYID 071629976~~
NYD 046555033

LACY'S EXPRESS INC.

7. Transporter 2 (Company Name)

8. US EPA ID Number

NYD 071629976

SI TRANSPORTATION CO

9. Designated Facility Name and Site Address

**LADLAW RV. SERVICES (YS) INC. (YS), INC.
 3527 WHISKY BOTTOM ROAD
 LAUREL, MD 20724**

10. US EPA ID Number

MDD 980554553

A. State Manifest Document Number

MDC 0688639

B. State Generator's ID Number

Same

C. State Transporter's ID

HWH 1/4/2

Vehicle Sticker Number

97A0285 DC

D. Transporter's Phone

(609) 269-2241

E. State Transporter's ID

HWH 1/4/2

Vehicle Sticker Number

97A0285 DC

F. Transporter's Phone

(609) 269-2241

G. State Facility ID

A207

H. Facility's Phone

301-952-1610

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

NON REGULATED MATERIAL

12. Containers No. Type

001 CN

13. Total Quantity

010020

14. Unit W/Vol

Y

1. Waste No.

NONIR

J. Additional Description for Materials Listed Above

HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage
a.	6	1.0	100%	c.			
b.				d.			

K. Handling Codes for Waste Listed Above

a. b. c.

d.

15. Special Handling Instructions and Additional Information

Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. **CGAS-724 (pub 4)**
 EPA Codes b.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

ON BEHALF OF ABC

Signature

Date

04/29/97

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

DARRELL MOORE

Signature

Darrell Moore

Date

04/29/97

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

George Best

Signature

George Best

Date

05/01/97

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

CHRIS HERNANDEZ

Signature

Chris Hernandez

Date

05/01/97

EPA Form 8700-22 (10-84)

MDC 0688639



UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO.

NYD 002047957

Manifest Document No. 2. of Page 1

88641

Information in the shaded areas is not required by Federal law. GAS

3. Generator's Name and Mailing Address

NORTROP GRUNNAN SOUTH OYSTER BAY RD HS D08-001, BETHPAGE, NY 11714

4. Generator's Phone (616) 575-4680

JOHN COYMAN

5. Transporter 1 (Company Name)

S.J. TRANSPORTATION Co

6. US EPA ID Number

MDTD 1012116219976

A. State Manifest Document Number

MDC 0688641

B. State Generator's ID Number

SNAC

C. State Transporter's ID

HWH 1/1412

Vehicle Sticker Number

07 A10366

D. Transporter's Phone

(609) 769-2741

E. State Transporter's ID

HWH 1111

Vehicle Sticker Number

1 A 1111

F. Transporter's Phone

9. Designated Facility Name and Site Address

LAIDLAW ENV. SERVICES (YS) INC. 3527 WHISKEY BOTTOM ROAD LAUREL, MD 20724

10. US EPA ID Number

MDD 980554653

G. State Facility ID

A207

H. Facility's Phone

30174646161010

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

NON REGULATED MATERIAL

12. Containers No. Type

001 CM

13. Total Quantity

000020

14. Unit W/Vol

Y

15. Waste No.

N O N R

J. Additional Description for Materials Listed Above

Table with columns for HAZ CODE, Physical State, Specific Gravity, Percentage, HAZ CODE, Physical State, Specific Gravity, Percentage, and Handling Codes for Waste Listed Above.

15. Special Handling Instructions and Additional Information Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. PROFILE # 66AS-724 EPA Codes b.

c. ART LICENSE ALATE # 792-TYL d.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

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Printed/Typed Name ON BEHALF OF UGL

Signature

Date

[Signature]

[Signature]

04/29/97

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

ERNEST POWELL

[Signature]

04/29/97

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date

CHRIS HERNANDEZ

[Signature]

03/05/97

MDC 0688641



Please print or type. (Form designed for use on site (12-pitch) typewriter.) Form Approved: OMB No. 2050-0039 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO.

NYD 002047967

Manifest Document No. 2. Page 1 of 1

888645

Information in the shaded areas is not required by Federal law. **GAS**

3. Generator's Name and Mailing Address

**ROTHROP GRUHAN
SOUTH OYSTER BAY RD MS D08-001, BETHPAGE, NY 11714**

4. Generator's Phone **(516) 575-4680**

5. Transporter 1 (Company Name) **JOHN COYNE**

6. US EPA ID Number

NYD 017116219976

S.J. TRANSPORTATION CO

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address

**LADLAW ENV. SERVICES (TS) INC. (TS), INC.
3527 WHISKY BOTTOM ROAD
LAUREL, MD 20724**

10. US EPA ID Number

MD 0980554653

A. State Manifest Document Number **MDC 0688645**

B. State Generator's ID Number

C. State Transporter's ID Number **HW 1/1/12**

Vehicle Sticker Number

MD 10259

D. Transporter's Phone

(609) 769-2741

E. State Transporter's ID Number

Vehicle Sticker Number

MD 10259

F. Transporter's Phone

G. State Facility ID

A207

H. Facility's Phone

301-241-6116

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit W/Vol

a. **NON REGULATED MATERIAL**

001 CM

006020

Y NONE

J. Additional Description for Materials Listed Above

HAZ CODE	State	Physical State	Specific Gravity	Percentage	HAZ CODE	State	Physical State	Specific Gravity	Percentage
a.									
b.									

K. Handling Codes for Waste Listed Above

15. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. **PLATE - 6645-724**

EPA Codes b. **NY LICENSE NO. T-25988**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

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Printed/Typed Name **ON BEHALF OF MDC** Signature **[Signature]** Date **04/29/97**

17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name **Scott W Rhodes** Signature **[Signature]** Date **04/29/97**

18. Transporter 2 (Acknowledgement of Receipt of Materials) Printed/Typed Name _____ Signature _____ Date _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name **CHRIS HERNANDEZ** Signature **[Signature]** Date **05/01/97**

MDC 0688645



Department of the Environment - Waste Management Administration
 2500 Broening Highway Baltimore, MD 21224
MARYLAND HAZARDOUS WASTE MANIFEST
 Department of the Environment - Waste Management Administration
 2500 Broening Highway Baltimore, MD 21224

Hazardous Waste Program
 Hazardous Waste Program

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

NY D 002047957

Manifest Document No.

28647

Page 1 of 1

Information in the shaded areas is not required by Federal law. GAS

3. Generator's Name and Mailing Address

NORTROP CRUMHAY
 SOUTH OYSTER BAY RD MS 008-001, BETHPAGE, NY 11714

4. Generator's Phone (616) 575-4680

JOHN COYNE

5. Transporter 1 (Company Name)

6. US EPA ID Number

WJTD 017162191976

SJ. TRANSPORTATION CO.

A. State Manifest Document Number

MDC 0688647

B. State Generator's ID Number

SAME

C. State/Transporter's ID

RWH 1/142

Vehicle Sticker Number

1A0301 DC

D. Transporter's Phone

(609) 769-2741

E. State Transporter's ID

RWH

Vehicle Sticker Number

1A DC

F. Transporter's Phone

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address

LIDLAW ENV. SERVICES (YS) INC. (YS) INC.
 3527 WHISKEY BOTTOM ROAD
 LAUREL, MD 20724

10. US EPA ID Number

MDD 980554653

G. State Facility ID

A267

H. Facility's Phone

301-581-1919

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. NON REGULATED MATERIAL

12. Containers No. Type

01 / CM

13. Total Quantity

00020

14. Unit. W/Vol

Y

J. Waste No.

NDNR

L. Additional Description for Materials Listed Above

HAZ CODE	State	Physical	Specific Gravity	Percentage	HAZ CODE	State	Physical	Specific Gravity	Percentage
a.	5		0	00%	c.				
b.					d.				

K. Handling Codes for Waste Listed Above

a. b. c. d.

15. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) Infotrac
 Additional a. Name: GGB-724 NY-58044 TR# 1709
 EPA Codes b. c. d. NJ LICENSE # T-11-970

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

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Printed/Typed Name

ON BEHALF OF NSC

Signature

NSC by [Signature]

Date

04/29/97

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Gene W. Hamilton

Signature

[Signature]

Date

04/29/97

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

MDC 0688647



2500 Broening Highway Baltimore, MD 21224
MARYLAND HAZARDOUS WASTE MANIFEST
 Department of the Environment - Waste Management Administration
 2500 Broening Highway Baltimore, MD 21224

waste

Hazardous Waste Program

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

NYD 002047967

Manifest Document No.

88648

Page 1 of 2

Information in the shaded areas is not required by Federal law.

GAS

3. Generator's Name and Mailing Address:

VORTROP CRUMHAY
 SOUTH OYSTER BAY RD HS D08-001, BETHPAGE, NY 11714

4. Generator's Phone (616) 575-4680

JOHN COPLAN

5. Transporter 1 (Company Name)

6. US EPA ID Number

MD 02116219176

S.J. TRANSPORTATION CO

A. State Manifest Document Number

MDC 0688648

B. State Generator's ID Number

SAME

C. State Transporter's ID Number

MD 02116219176

Vehicle Sticker Number

66A0362

D. Transporter's Phone

(609) 769-2241

E. State Transporter's ID Number

Vehicle Sticker Number

66A0362

F. Transporter's Phone

9. Designated Facility Name and Site Address

LAIDLAW ENV. SERVICES (YS) INC. (YS) INC.
 3527 WHISKEY BOTTON ROAD
 LAUREL, MD 20724

10. US EPA ID Number

MD 0980554653

G. State Facility ID

MD 0980554653

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit W/Vol

15. Waste No.

a. NON REGULATED MATERIAL

001 CM

0100020

Y

NONE

16. Additional Description for Materials Listed Above

HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage	K. Handling Codes for Waste Listed Above	
a. 1	S	1.00	100%					a. 1	c.
b.			%				%	b.	d.

15. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. *ROUTE # 6675-724*
 EPA Codes b.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

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Printed/Typed Name

ON BEHALF OF NYD

Signature

John Coplan

Date

04/29/97

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Jeffrey Long

Signature

Jeffrey Long

Date

04/29/97

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

CHRIS HERNANDEZ

Signature

Chris Hernandez

Date

05/05/97

MDC 0688648



Department of the Environment - Waste Management Administration
2500 Broening Highway Baltimore, MD 21224

Hazardous Waste Program

Please print or type. (Form designed for use on efite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO. **NYD 002047967**
 Manifest Document No. **88640** Page 1 of 1

Information in the shaded areas is not required by Federal law. **GAS**

3. Generator's Name and Mailing Address
WORTHOP GRUNNAN
SOUTH OYSTER BAY RD HS 008-001, BETHPAGE, NY 11714
 4. Generator's Phone **(516) 575-6600**
 5. Transporter 1 (Company Name) **JOHN COYMAN**
S.J. TRANSPORTATION
 6. US EPA ID Number **MDD 0216129936**

A. State Manifest Document Number **MDC 0688640**
 B. State Generator's ID Number **NYD**
 C. State Transporter's ID Vehicle Sticker Number **HW 1/421**
07A0361 DC **0000**
 D. Transporter's Phone **(609) 729-2241**
 E. State Transporter's ID Vehicle Sticker Number **07A** DC **0000**
 F. Transporter's Phone

7. Transporter 2 (Company Name)
 8. US EPA ID Number

9. Designated Facility Name and Site Address
LADLAW ENV. SERVICES (TS) INC. (TS) INC.
3527 WHISKEY BOTTOM ROAD
LAUREL, MD 20724
 10. US EPA ID Number **MDD 980554653**

G. State Facility ID **1287**
 H. Facility's Phone **301 715 8300**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit W/Vol	15. L Waste No.
	No.	Type			
a. NON REGULATED MATERIAL	0101	CM	0061020	✓	NONE
b.					
c.					
d.					

J. Additional Description for Materials Listed Above				K. Handling Codes for Waste Listed Above			
HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage
a. 1	B	1.0	100 %				
b.							

15. Special Handling Instructions and Additional Information
 Emergency Contact: **1-800-535-5053 (596) Infotrac**
 Additional a. **PLUFILE = LGAS-721**
 EPA Codes b. **MS license plate # TIL-970**

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Printed/Typed Name **ON BEHALF OF NGC** Signature **NGC by [Signature]** Date **05/01/97**
 17. Transporter 1 (Acknowledgement of Receipt of Materials)
 Printed/Typed Name **ERNEST POWELL** Signature **[Signature]** Date **05/01/97**
 18. Transporter 2 (Acknowledgement of Receipt of Materials)
 Printed/Typed Name _____ Signature _____ Date _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name **CHRIS HERNANDEZ** Signature **Chris Hernandez** Date **05/01/97**

MDC 0688640



Department of the Environment - Waste Management Administration
2500 Broening Highway Baltimore, MD 21224

Hazardous Waste Program

Please print or type: (Form designed for use on elite (12-pitch) typewriter.) Form Approved: OMB No. 2050-0038 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

NYD 002047957

Manifest Document No.

88642

Page 1 of 2

Information in the shaded areas is not required by Federal law. **GAS**

3. Generator's Name and Mailing Address

NORTHROP GRUMMAN
SOUTH OYSTER BAY RD MS D04-001, BETHPAGE, NY 11714

4. Generator's Phone 616-575-4600

JOHN COYNE

5. Transporter 1 (Company Name)

S.J. TRANSPORT

6. US EPA ID Number

NYD 10216219956

A. State Manifest Document Number

MDC 0688642

B. State Generator's ID Number

SAME

C. State Transporter's ID

HWI 11/12

Vehicle Sticker Number

88642

DC

D. Transporter's Phone

(609) 709-2241

E. State Transporter's ID

HWI

Vehicle Sticker Number

88642

DC

F. Transporter's Phone

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address

LAIDLAW ENV. SERVICES (TS) INC. (TS), INC.
3527 WHISKEY BOTTOM ROAD
LAUREL, MD 20724

10. US EPA ID Number

MD 0980554653

G. State Facility ID

A207

H. Facility's Phone

301-612-1519

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. NON REGULATED MATERIAL

12. Containers No. Type

001 CM

13. Total Quantity

000020

14. Unit W/Vol

✓

15. Waste No.

NDR

J. Additional Description for Materials Listed Above

HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage	K. Handling Codes for Waste Listed Above		
a.	5	0	100%	c.				a.	b.	c.
b.			%	d.			%	b.	c.	d.

15. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. 663-724 (MDC) EPA Codes b.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

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Printed/Typed Name on behalf of MDC

Signature

Date

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

F 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date

CHRIS HERNANDEZ

Chris Hernandez

05/05/97

MDC 0688642



Please print or type. (Form designed for use on eight (12-pitch) typewriter.) Form Approved. OMB No. 2060-0039 Expires 9/30/97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO.

NYD 002047967

Manifest Document No.

98643

Page 1 of 2

Information in the shaded areas is not required by Federal law. **GAS**

3. Generator's Name and Mailing Address

**NORTROP CRUIER
SOUTH OYSTER BAY RD MS D08-001, BETHPAGE, NY 11714**

4. Generator's Phone (516) **575-4600**

JOHN COYRAN

5. Transporter 1 (Company Name)

S. J. TRANSPORT

6. US EPA ID Number

NYD 0021629976

7. Transporter 2 (Company Name)

8. US EPA ID Number

[Empty]

9. Designated Facility Name and Site Address

**LADLAN ENV. SERVICES (TS) INC. #291-444
3527 WHISKY BOTTOM ROAD
LAUREL, MD 20724**

10. US EPA ID Number

MDD 980554653

A. State Manifest Document Number

MDC 0688643

B. State Generator's ID Number

SM

C. State Transporter's ID

1142

Vehicle Sticker Number

071A02EP

D. Transporter's Phone

(609) 889-2741

E. State Transporter's ID

HW

Vehicle Sticker Number

1A

F. Transporter's Phone

G. State Facility ID

A207

H. Facility's Phone

301-468-1510

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit W/Vol

15. Waste No.

a. **NON REGULATED MATERIAL**

001 CK

00020

Y

NONR

J. Additional Description for Materials Listed Above

HAZ CODE	State	Specific Gravity	Percentage	HAZ CODE	State	Specific Gravity	Percentage
a.	S	1.0	100%	c.			
b.				d.			

K. Handling Codes for Waste Listed Above

a. **S**

15. Special Handling Instructions and Additional Information Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. **PLASTIC - GAS-721**

EPA Codes b. **MT license # T65-257**

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Printed/Typed Name **STATE OF NY**

Signature

Date

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

IKE McDOWELL

Signature

IKE McDowell

Date

050197

050197

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

CHIN HERNANDEZ

Signature

Chin Hernandez

Date

050197

MDC 0688643



UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO. **N Y B 0 0 2 0 6 7 9 5 7**

Manifest Document No. **888644** Page 1 of 1

Information in the shaded areas is not required by Federal law. **GAS**

3. Generator's Name and Mailing Address:

NORTROP GREENAN
SOUTH OYSTER BAY RD MS D08-001, BETHPAGE, NY 11714

4. Generator's Phone **(516) 575-4600**

6. US EPA ID Number **N Y B 0 0 2 0 6 7 9 5 7**

5. Transporter 1 (Company Name)

S. J. TRANSPORTATION

6. US EPA ID Number **N Y B 0 0 2 0 6 7 9 5 7**

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address:

LAUREN REV. SERVICES (YS) INC. (YS), INC.
3527 WHISKEY BOTTOM ROAD
LAUREL, MD 20724

10. US EPA ID Number **M B B 9 8 0 5 5 4 6 5 3**

A. State Manifest Document Number **MDC 0688644**

B. State Generator's ID Number **NYB002067957**

C. State Transporter's ID Number **NYB002067957**

Vehicle Sticker Number **1A0136**

D. Transporter's Phone **(609) 369-2741**

E. State Transporter's ID Number **NYB002067957**

Vehicle Sticker Number **1A**

F. Transporter's Phone

G. State Facility ID **A207**

H. Facility's Phone **301-939-6000**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. **NON REGULATED MATERIAL**

12. Containers No. **01** Type **CM**

13. Total Quantity **000620**

14. Unit W/Vol **Y**

L. Waste No. **N 6 N R**

J. Additional Description for Materials Listed Above:

HAZ CODE **5** State **NY** Specific Gravity **1.0** Percentage **100** %

a. **5 NY 1.0 100** %

b. **5 NY 1.0 100** %

HAZ CODE **5** State **NY** Specific Gravity **1.0** Percentage **100** %

c. **5 NY 1.0 100** %

d. **5 NY 1.0 100** %

K. Handling Codes for Waste Listed Above:

15. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. **UNCLAS 668-724**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **on behalf of NSC** Signature **NSC** Date **05/01/97**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
 Printed/Typed Name **EDWIN L BIDDLE** Signature **Edwin L Biddle** Date **05/01/97**

18. Transporter 2 (Acknowledgement of Receipt of Materials)
 Printed/Typed Name _____ Signature _____ Date _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name **JOSEPH E. CERROSI** Signature **Joseph E. Cerrosi** Date **05/01/97**

MDC 0688644

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

NYD 002047957

Manifest Document No.

881042

Page 1 of 2

Information in the shaded area is not required by Federal law. GAS

3. Generator's Name and Mailing Address

NORTHROP CRUNNAN SOUTH OYSTER BAY RD MS D08-001, BETHPAGE, NY 11714

4. Generator's Phone 516-575-4668

JOHN COVNA

5. Transporter 1 (Company Name)

6. US EPA ID Number

NYD 0216291976

S. J. TRANSPORTATION

7. Transporter 2 (Company Name)

8. US EPA ID Number

[Empty]

9. Designated Facility Name and Site Address

LADLAW ENV. SERVICES (YS) INC. (YS), INC. 3527 WHISKY BOTTOM ROAD LAUREL, MD 20724

10. US EPA ID Number

MD 0980554653

A. State Manifest Document Number MDC 0688646

B. State Generator's ID Number

SMC

C. State Transporter's ID

HWY 1112

Vehicle Sticker Number

1A0303 DC

D. Transporter's Phone

(609) 769-2741

E. State Transporter's ID

HWY 1112

Vehicle Sticker Number

1A DC

F. Transporter's Phone

G. State Facility ID

A207

H. Facility's Phone

301-793-9156

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

NON REGULATED MATERIAL

12. Containers No. Type

001 CN

13. Total Quantity

0.00120

14. Unit Wt

L Waste No.

Y N D N E

J. Additional Description for Materials Listed Above

Table with columns for HAZ CODE, State, Specific Gravity, Percentage, Physical State, and Handling Codes for Waste Listed Above.

15. Special Handling Instructions and Additional Information Emergency Contact: 1-800-535-5053 (596) Infotrac

Additional a. PROFILE # 6042-724 EPA Codes b.

NYR-044 NJ LICENSE # TCB-15

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

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Printed/Typed Name ON BEHALF OF NCC

Signature

Date

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Gene W. Hamilton

Signature

Date

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

WILLIAM F. BAKER

Signature

William F. Baker

Date

050797



UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO.

NYD 002047963

Manifest Document No.

88619

Page 1 of 1

Information in the shaded areas is not required by Federal law. **GAS**

3. Generator's Name and Mailing Address

**KORTROP GREENHA
SOUTH OYSTER BAY RD MS D08-001, BETHPAGE, NY 11714**

4. Generator's Phone (161) 575-4680

JOHN COPRAY

5. Transporter 1 (Company Name)

S.J. TRANSPORTATION

6. US EPA ID Number

MD 021162199736

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address

**LIDLAW ENV. SERVICES (YS) INC. INC.
3527 WHISKEY BOTTOM ROAD
LAUREL, MD 20724**

10. US EPA ID Number

MD 080554659

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

NON REGULATED MATERIAL

12. Containers No. Type

001 EM

13. Total Quantity

000020

14. Unit W/Vol

Y

15. Waste No.

NONE

16. Additional Description for Materials Listed Above

HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage	HAZ CODE	Physical State	Specific Gravity	Percentage
3	S	1.0	100%								

17. Special Handling Instructions and Additional Information: Emergency Contact: 1-800-535-5053 (596) InfoTrac
Additional a. **PROFILE 6643-724**
PA Codes b. **NY LICENSE # 12-17100N**

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.
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Printed/Typed Name **JOHN COPRAY** Signature _____ Date **05/02/97**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **ERNEST POWELL** Signature _____ Date **05/02/97**

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name _____ Signature _____ Date _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name **CLARIS HERNANDEZ** Signature _____ Date **05/02/97**

MDC 0688649

Department of the Environment - Waste Management Administration
2500 Croening Highway - Baltimore, MD 21224

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-97

4-35 at (4) Holl light at (4) 31-34 at (4) 880 Cer Resf Nat Imm 1980-85

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD002047967		Manifest Document No. 11252		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NORTROP CORP SOUTH OYSTER BAY RD HS 004-001, BETHPAGE, NY 11714						A: State Manifest Document Number MDC0711252		B: State Generator ID Slac	
4. Generator's Phone (516) 575-4600 JOHN COPMAN						C: State Transporter's ID HWH 1012010001		D: Transporter's Phone (609) 768-2141	
5. Transporter 1 Company Name S.J. TRANSPORTATION CO.			6. US EPA ID Number MD0071529975			E: State Transporter's ID HWH		F: Transporter's Phone	
7. Transporter 2 Company Name			8. US EPA ID Number			G: State Facility ID A207		H: Facility's Phone	
9. Designated Facility Name and Site Address LADLAN ENV. SERVICES (YS) INC. (YS) INC 3527 WHISKEY BOTTOM ROAD LAUREL, MD 20724						10. US EPA ID Number MD0080554553		I: Facility's Phone (301) 939-6000	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) NON REGULATED MATERIAL						12. Containers No. Type		13. Total Quantity	
a.						001		00020 Y	
b.									
c.									
d.									
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above			
a. S 1 0 100						a. 00102			
b.						b.			
c.						c.			
d.						d.			
15. Special Handling Instructions and Additional Information Emergency Contact: 1-800-535-5053 (596) InfoTrac						Additional EPA Waste Codes Profile 4.0049-74 Numbers b. NJ LICENSE # 716-96			
16. GENERATORS CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and Maryland Statutes or Regulation. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name J. M. ...						Signature <i>[Signature]</i>		Date 05/02/97	
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name JAMES HORN FLOWER		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name		Signature	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						Printed/Typed Name CHRIS HERNANDEZ		Signature <i>[Signature]</i>	
						Date			

MDC 0711252

