

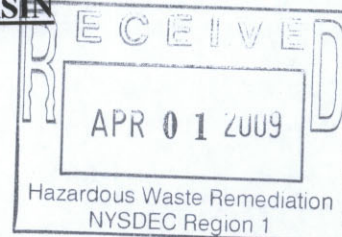
INVESTIGATIVE WORK FOR OVERFLOW BASIN
TO
LEACHING BASIN SD-3

GLARO, INC.

TOWN OF SMITHTOWN, SUFFOLK COUNTY

SITE NUMBER 1-52-124

April 2009



Prepared By: Kost Environmental Services, Inc.
117 No. 6th Street
Lindenhurst, New York 11757

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1.0 INTRODUCTION

The recently submitted **March 2009 “Remediation Work for Leaching Basin SD-3”** report identified a four-inch (4”) diameter pipe exiting from Leaching Basin SD-3 in a northerly direction to an unknown source. Subsequently, an investigation commenced to:

- (1) locate the unknown source;
- (2) provide access to the source;
- (3) obtain water samples;
- (4) obtain sediment samples;
- (5) provide laboratory analysis of the water and soil samples;
- (6) evaluate the findings; and
- (7) provide recommendations.

2.0 OVERFLOW TO LEACHING BASIN SD-3 INVESTIGATION

On March 4, 2009, Environmental Assessment & Remediations, Inc (EAR) and Consumer Markouts, Inc. performed a ground penetrating radar (GPR) investigation in order to locate the "unknown source" connected to the previously identified four inch pipe that exited from the north side of leaching basin SD-3. The GPR investigation located the "unknown source" i.e. an overflow leaching basin, approximately nineteen (19) feet directly north of leaching basin SD-3.

On March 9, 2009, EAR and AARCO initiated subsurface exploratory operations utilizing a "Guzzler" piece of equipment to locate the overflow leaching basin and provide access for sampling. The top slab of the overflow basin was exposed at a depth of 4.5 feet below grade. An opening was then drilled through the top slab utilizing Geoprobe equipment. Measurements to the water and sediment were then obtained through the access opening. Water was measured at 14.33' below grade and sediment was measured at 18.33' below grade. A water sample was obtained utilizing a clean disposable bailer. The Geoprobe equipment was then utilized to obtain a soil sample from the 18' to 24' depth and from the 24' to 26' depth (see Photolog). Both the water and soil samples were refrigerated and submitted to EcoTest Laboratories, Inc. for analysis via EPA Method 8260 (see Appendix).

3.0 FINDINGS

The analytical results obtained from the water sample (18' - 22') and sediment samples (18'-24') and (24' to 26') performed on 03/09/09 are listed below (see Appendix for complete laboratory analysis):

PARAMETER	SAMPLE SD-3 OVERFLOW (WATER) (18'-22') 03/09/09 ug/L	SAMPLE SD-3 OVERFLOW (SEDIMENT) (18'-24') 03/09/09 ug/kg	SAMPLE SD-3 OVERFLOW (SEDIMENT) (24'-26') 03/09/09 ug/kg
c-1,2-Dichloroethene	1	<5.8	<6
Trichloroethene	<1	<5.8	<6
Tetrachloroethene	20	<5.8	<6
Ethyl Benzene	<1	520	<6
m+p xylene	<1	2000	28
toluene	<1	7	<6
o xylene	<1	840	9.6
135- Trimethylbenzene	<1	70	<6
Isopropylbenzene	<1	9.3	<6
124- Trimethylbenzene	<1	65	<6
Sec-butylbenzene	<1	28	<6
p-Isopropyltoluene	<1	40	<6
Hexachlorobutadiene	<1	<5.8	<6
Naphthalene	<1	7	<6
p-Ethyltoluene	<1	20	<6
1245- Tetramethylbenzene	<1	200	<6
124 - Trichlorobenzene	<1	<5.8	<6
n-Butylbenzene	<1	38	<6
n-Propylbenzene	<1	13	<6
Tert-Butylbenzene	<1	<5.8	<6

- The water sample taken from the overflow leaching basin indicated non-detectable concentrations of contaminants except for tetrachloroethene (20 ppb) and c-1,2-Dichloroethene (1 ppb).

- The sediment sample taken at the 18'–24' interval indicated detectable concentrations of primarily petroleum contaminants with non-detectable concentrations of chlorinated compounds i.e. tetrachloroethene, trichloroethene, c-1,2-dichloroethene, etc.
- The sediment sample taken at the 24'–26' interval indicated detectable concentrations of two petroleum contaminants (m+p xylene and o-xylene) with non-detectable concentrations of chlorinated compounds i.e. tetrachloroethene, trichloroethene, c-1,2-dichloroethene, etc.

4.0 RECOMMENDATIONS

It is recommended that no remediation actions be undertaken with respect to the overflow basin for the following reasons:

- Identification of low concentrations of contaminants identified in the 24'-26' sediment sample;
- The absence of any chlorinated compounds identified in the 24'-26' sediment sample;
- The previously performed remediation work performed at leaching basin SD-3 which supplied stormwater to the overflow leaching basin; and
- The scheduled installation of a soil vent/air sparge remediation system which will include the area encompassed by the overflow leaching basin.



APPENDIX

PHOTOLOG



GROUND PENETRATING RADAR



SAWCUTTING



PROVIDING ACCESS



TOP SLAB TO OVERFLOW



WATER SAMPLING



SEDIMENT SAMPLING



SEDIMENT 18'-24'



SEDIMENT 24'-26'

SD-3 OVERFLOW ANALYTICAL RESULTS

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com

Website: www.ecotestlabs.com

LAB NO. 290873.00

03/13/09

Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

ATTN: John Hofmann

PO#:

SOURCE OF SAMPLE: Glaro, 735 Old Willets Path, Hauppauge

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 03/09/09 RECEIVED: 03/10/09

TIME COL'D: 0930

MATRIX: Water

SAMPLE: Overflow to SD-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL
			FLAG	OF ANALYSIS	
Dichlorodifluoromethane	ug/L	< 1	031209	1	EPA8260
Chloromethane	ug/L	< 1	031209	1	EPA8260
Vinyl Chloride	ug/L	< 1	031209	1	EPA8260
Bromomethane	ug/L	< 1	031209	1	EPA8260
Chloroethane	ug/L	< 1	031209	1	EPA8260
Trichlorofluoromethane	ug/L	< 1	031209	1	EPA8260
1,1 Dichloroethene	ug/L	< 1	031209	1	EPA8260
Ethylene Chloride	ug/L	< 1	031209	1	EPA8260
1,2-Dichloroethene	ug/L	< 1	031209	1	EPA8260
1,1 Dichloroethane	ug/L	< 1	031209	1	EPA8260
2,2-Dichloropropane	ug/L	< 1	031209	1	EPA8260
c-1,2-Dichloroethene	ug/L	1	031209	1	EPA8260
Bromochloromethane	ug/L	< 1	031209	1	EPA8260
Chloroform	ug/L	< 1	031209	1	EPA8260
111 Trichloroethane	ug/L	< 1	031209	1	EPA8260
Carbon Tetrachloride	ug/L	< 1	031209	1	EPA8260
1,1-Dichloropropene	ug/L	< 1	031209	1	EPA8260
Benzene	ug/L	< 1	031209	1	EPA8260
1,2 Dichloroethane	ug/L	< 1	031209	1	EPA8260
Trichloroethene	ug/L	< 1	031209	1	EPA8260
1,2 Dichloropropane	ug/L	< 1	031209	1	EPA8260
Dibromomethane	ug/L	< 1	031209	1	EPA8260
Bromodichloromethane	ug/L	< 1	031209	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1	031209	1	EPA8260
Toluene	ug/L	< 1	031209	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 1 of 3

rn = 4400

NYSDOH ID # 10320

MAR 25 2009

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ENVIRONMENTAL TESTING

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com
LAB NO.290873.00 03/13/09

Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

ATTN: John Hofmann

PO#:

SOURCE OF SAMPLE: Glaro, 735 Old Willets Path, Hauppauge

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:03/09/09 RECEIVED:03/10/09
TIME COL'D:0930

MATRIX:Water SAMPLE: Overflow to SD-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1	031209		1	EPA8260
112 Trichloroethane	ug/L	< 1	031209		1	EPA8260
Tetrachloroethene	ug/L	20	031209		1	EPA8260
1,3-Dichloropropane	ug/L	< 1	031209		1	EPA8260
Chlorodibromomethane	ug/L	< 1	031209		1	EPA8260
1,2 Dibromoethane	ug/L	< 1	031209		1	EPA8260
Chlorobenzene	ug/L	< 1	031209		1	EPA8260
Phyl Benzene	ug/L	< 1	031209		1	EPA8260
112Tetrachloroethane	ug/L	< 1	031209		1	EPA8260
m + p Xylene	ug/L	< 2	031209		2	EPA8260
o Xylene	ug/L	< 1	031209		1	EPA8260
Styrene	ug/L	< 1	031209		1	EPA8260
Bromoform	ug/L	< 1	031209		1	EPA8260
Isopropylbenzene	ug/L	< 1	031209		1	EPA8260
Bromobenzene	ug/L	< 1	031209		1	EPA8260
1122Tetrachloroethane	ug/L	< 1	031209		1	EPA8260
123-Trichloropropane	ug/L	< 1	031209		1	EPA8260
n-Propylbenzene	ug/L	< 1	031209		1	EPA8260
2-Chlorotoluene	ug/L	< 1	031209		1	EPA8260
135-Trimethylbenzene	ug/L	< 1	031209		1	EPA8260
4-Chlorotoluene	ug/L	< 1	031209		1	EPA8260
tert-Butylbenzene	ug/L	< 1	031209		1	EPA8260
124-Trimethylbenzene	ug/L	< 1	031209		1	EPA8260
sec-Butylbenzene	ug/L	< 1	031209		1	EPA8260
p-Isopropyltoluene	ug/L	< 1	031209		1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

rn = 4401

NYSDOH ID # 10320

DIRECTOR

Page 2 of 3

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LAB NO.290873.00

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Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

ATTN: John Hofmann

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SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:03/09/09 RECEIVED:03/10/09

TIME COL'D:0930

MATRIX:Water SAMPLE: Overflow to SD-3

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL
			FLAG	OF ANALYSIS	
1,3 Dichlorobenzene (v)	ug/L	< 1	031209	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1	031209	1	EPA8260
n-Butylbenzene	ug/L	< 1	031209	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1	031209	1	EPA8260
Dibromochloropropane	ug/L	< 1	031209	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1	031209	1	EPA8260
Hexachlorobutadiene	ug/L	< 1	031209	1	EPA8260
phthalene(v)	ug/L	< 1	031209	1	EPA8260
2,3-Trichlorobenzene	ug/L	< 1	031209	1	EPA8260
ter. ButylMethylEther	ug/L	< 1	031209	1	EPA8260
p-Ethyltoluene	ug/L	< 1	031209	1	EPA8260
Freon 113	ug/L	< 1	031209	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1	031209	1	EPA8260
Acetone	ug/L	< 10	031209	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10	031209	10	EPA8260
Methylisobutylketone	ug/L	< 10	031209	10	EPA8260
Chlorodifluoromethane	ug/L	< 1	031209	1	EPA8260
p Diethylbenzene	ug/L	< 1	031209	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

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rn = 4402

NYSDOH ID # 10320

Page 3 of 3

MAR 25 2009

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
 377 Sheffield Avenue, North Babylon, New York 11703
 (631) 422-5777 • FAX (631) 422-5770

CHAIN OF CUSTODY RECORD

Client: EAH

Address: 225 Atlantic Ave

Pathego, NY 11772

Phone: 847 6490 FAX: 847 6497

Person receiving report:

Sampled by: -J. Hoffmann

Source: Overflow to SD-3

Job No.: Glare 735 Old Mill Path

MATRIX (Soil, Water, etc.) Seepage

Collected DATE TIME 3/6/00 0900 Overflow to SD-3

Representing: EAH

Relinquished by: (Signature) [Signature] DATE/TIME 3/6/00 SEAL INTACT? YES NO NA YES NO NA Received by: (Signature) EAH Representing: [Signature]

Relinquished by: (Signature) [Signature] DATE/TIME 3/10/00 SEAL INTACT? YES NO NA YES NO NA Received by: (Signature) [Signature] Representing: [Signature]

Relinquished by: (Signature) [Signature] DATE/TIME 3/10/00 SEAL INTACT? YES NO NA YES NO NA Received by: (Signature) [Signature] Representing: [Signature]

Relinquished by: (Signature) [Signature] DATE/TIME 3/10/00 SEAL INTACT? YES NO NA YES NO NA Received by: (Signature) [Signature] Representing: [Signature]

Relinquished by: (Signature) [Signature] DATE/TIME 3/10/00 SEAL INTACT? YES NO NA YES NO NA Received by: (Signature) [Signature] Representing: [Signature]

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Relinquished by: (Signature) [Signature] DATE/TIME 3/10/00 SEAL INTACT? YES NO NA YES NO NA Received by: (Signature) [Signature] Representing: [Signature]

TOTAL NUMBER OF CONTAINERS
40 ML VIALS

TYPE & NUMBER OF CONTAINERS

REMARKS-TESTS REQUIRED, SPECIAL TURNAROUND, SPECIAL Q.C. etc

EAH 8260

dup = 4.500

6002 5 2 RM

290873

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ENVIRONMENTAL TESTING

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LAB NO.290872.01

03/19/09

Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

ATTN: John Hofmann

PO#:

SOURCE OF SAMPLE: Glaro, 735 Old Willets Path, Hauppauge

SOURCE OF SAMPLE: Overflow to SD-3

COLLECTED BY: Client DATE COL'D:03/09/09 RECEIVED:03/10/09
TIME COL'D:0950

MATRIX:Soil SAMPLE: SD-3 (18'-24') Over Flow

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
Chloromethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
Vinyl Chloride	ug/Kg	< 5.8	031109		5.8139	EPA8260
Bromomethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
Chloroethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
Trichlorofluoromethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
1,1 Dichloroethene	ug/Kg	< 5.8	031109		5.8139	EPA8260
Ethylene Chloride	ug/Kg	< 5.8	031109		5.8139	EPA8260
1,2-Dichloroethene	ug/Kg	< 5.8	031109		5.8139	EPA8260
1,1 Dichloroethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
2,2-Dichloropropane	ug/Kg	< 5.8	031109		5.8139	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 5.8	031109		5.8139	EPA8260
Bromochloromethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
Chloroform	ug/Kg	< 5.8	031109		5.8139	EPA8260
111 Trichloroethane	ug/Kg	< 5.8	031109		5.8139	EPA8260
Carbon Tetrachloride	ug/Kg	< 5.8	031109		5.8139	EPA8260
1,1-Dichloropropene	ug/Kg	< 5.8	031009		1.1627	EPA8260
Benzene	ug/Kg	< 5.8	031009		1.1627	EPA8260
1,2 Dichloroethane	ug/Kg	< 5.8	031009		1.1627	EPA8260
Trichloroethene	ug/Kg	< 5.8	031009		1.1627	EPA8260
1,2 Dichloropropane	ug/Kg	< 5.8	031009		1.1627	EPA8260
Dibromomethane	ug/Kg	< 5.8	031009		1.1627	EPA8260
Bromodichloromethane	ug/Kg	< 5.8	031009		1.1627	EPA8260
c-1,3Dichloropropene	ug/Kg	< 5.8	031009		1.1627	EPA8260
Toluene	ug/Kg	7.0	031009		1.1627	EPA8260

cc:

LRL=Laboratory Reporting Limit

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rn = 4394

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SOURCE OF SAMPLE: Overflow to SD-3

COLLECTED BY: Client DATE COL'D:03/09/09 RECEIVED:03/10/09
TIME COL'D:0950

MATRIX:Soil SAMPLE: SD-3 (18'-24') Over Flow

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
t-1,3Dichloropropene	ug/Kg	< 5.8	031109	5.8139	EPA8260
112 Trichloroethane	ug/Kg	< 5.8	031109	5.8139	EPA8260
Tetrachloroethene	ug/Kg	< 5.8	031109	5.8139	EPA8260
1,3-Dichloropropane	ug/Kg	< 5.8	031109	5.8139	EPA8260
Chlorodibromomethane	ug/Kg	< 5.8	031109	5.8139	EPA8260
1,2 Dibromoethane	ug/Kg	< 5.8	031109	5.8139	EPA8260
Chlorobenzene	ug/Kg	< 5.8	031109	5.8139	EPA8260
Phenyl Benzene	ug/Kg	520	031109	5.8139	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.8	031109	5.8139	EPA8260
m + p Xylene	ug/Kg	2000	031109	23.255	EPA8260
o Xylene	ug/Kg	840	031109	5.8139	EPA8260
Styrene	ug/Kg	< 5.8	031109	5.8139	EPA8260
Bromoform	ug/Kg	< 5.8	031109	5.8139	EPA8260
Isopropylbenzene	ug/Kg	9.3	031109	5.8139	EPA8260
Bromobenzene	ug/Kg	< 5.8	031109	5.8139	EPA8260
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.8	031109	5.8139	EPA8260
1,2,3-Trichloropropane	ug/Kg	< 5.8	031009	1.1627	EPA8260
n-Propylbenzene	ug/Kg	13	031009	1.1627	EPA8260
2-Chlorotoluene	ug/Kg	< 5.8	031009	1.1627	EPA8260
1,3,5-Trimethylbenzene	ug/Kg	70	031009	1.1627	EPA8260
4-Chlorotoluene	ug/Kg	< 5.8	031009	1.1627	EPA8260
tert-Butylbenzene	ug/Kg	< 5.8	031009	1.1627	EPA8260
1,2,4-Trimethylbenzene	ug/Kg	65	031009	1.1627	EPA8260
sec-Butylbenzene	ug/Kg	28	031009	1.1627	EPA8260
p-Isopropyltoluene	ug/Kg	40	031009	1.1627	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

Page 2 of 3

rn = 4395

NYSDOH ID # 10320

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225 Atlantic Avenue
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PO#:

SOURCE OF SAMPLE: Glaro, 735 Old Willets Path, Hauppauge

SOURCE OF SAMPLE: Overflow to SD-3

COLLECTED BY: Client DATE COL'D:03/09/09 RECEIVED:03/10/09

TIME COL'D:0950

MATRIX:Soil SAMPLE: SD-3 (18'-24') Over Flow

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 5.8	031109	5.8139	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 5.8	031109	5.8139	EPA8260
n-Butylbenzene	ug/Kg	38	031109	5.8139	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 5.8	031109	5.8139	EPA8260
Dibromochloropropane	ug/Kg	< 5.8	031109	5.8139	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 5.8	031109	5.8139	EPA8260
Hexachlorobutadiene	ug/Kg	< 5.8	031109	5.8139	EPA8260
Naphthalene(v)	ug/Kg	7.0	031109	5.8139	EPA8260
1,2,3-Trichlorobenzene	ug/Kg	< 5.8	031109	5.8139	EPA8260
ter-ButylMethylEther	ug/Kg	< 5.8	031109	5.8139	EPA8260
p-Ethyltoluene	ug/Kg	20	031109	5.8139	EPA8260
Freon 113	ug/Kg	< 5.8	031109	5.8139	EPA8260
1245 Tetramethylbenz	ug/Kg	200	031109	5.8139	EPA8260
Acetone	ug/Kg	< 58	031109	58.139	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 58	031109	58.139	EPA8260
Methylisobutylketone	ug/Kg	< 58	031109	58.139	EPA8260
Chlorodifluoromethane	ug/Kg	< 5.8	031009	1.1627	EPA8260
p Diethylbenzene	ug/Kg	< 5.8	031009	1.1627	EPA8260
% Solids		86	031609	0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MAR 25 2009

rn = 4396

NYSDOH ID # 10320

Page 3 of 3

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290872.02

03/19/09

Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

ATTN: John Hofmann

PO#:

SOURCE OF SAMPLE: Glaro, 735 Old Willets Path, Hauppauge

SOURCE OF SAMPLE: Overflow to SD-3

COLLECTED BY: Client

DATE COL'D:03/09/09 RECEIVED:03/10/09

TIME COL'D:1005

MATRIX:Soil

SAMPLE: SD-3 (24'-26') Over Flow

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Dichlorodifluoromethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Chloromethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Vinyl Chloride	ug/Kg	< 6.0	031009	6.0240	EPA8260
Bromomethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Chloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Trichlorofluoromethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,1 Dichloroethene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Ethylene Chloride	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,1,2-Dichloroethene	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,1 Dichloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
2,2-Dichloropropane	ug/Kg	< 6.0	031009	6.0240	EPA8260
c-1,2-Dichloroethene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Bromochloromethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Chloroform	ug/Kg	< 6.0	031009	6.0240	EPA8260
111 Trichloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Carbon Tetrachloride	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,1-Dichloropropene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Benzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,2 Dichloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Trichloroethene	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,2 Dichloropropane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Dibromomethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Bromodichloromethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
c-1,3Dichloropropene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Toluene	ug/Kg	< 6.0	031009	6.0240	EPA8260

cc:

LRL=Laboratory Reporting Limit

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MATRIX:Soil

SAMPLE: SD-3 (24'-26') Over Flow

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	ANALYTICAL	
				LRL	METHOD
t-1,3Dichloropropene	ug/Kg	< 6.0	031009	6.0240	EPA8260
112 Trichloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Tetrachloroethene	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,3-Dichloropropane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Chlorodibromomethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,2 Dibromoethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
Chlorobenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Ethyl Benzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
1,2Tetrachloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
m + p Xylene	ug/Kg	28	031009	6.0240	EPA8260
o Xylene	ug/Kg	9.6	031009	12.048	EPA8260
Styrene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Bromoform	ug/Kg	< 6.0	031009	6.0240	EPA8260
Isopropylbenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
Bromobenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
1122Tetrachloroethane	ug/Kg	< 6.0	031009	6.0240	EPA8260
123-Trichloropropane	ug/Kg	< 6.0	031009	6.0240	EPA8260
n-Propylbenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
2-Chlorotoluene	ug/Kg	< 6.0	031009	6.0240	EPA8260
135-Trimethylbenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
4-Chlorotoluene	ug/Kg	< 6.0	031009	6.0240	EPA8260
tert-Butylbenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
124-Trimethylbenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
sec-Butylbenzene	ug/Kg	< 6.0	031009	6.0240	EPA8260
p-Isopropyltoluene	ug/Kg	< 6.0	031009	6.0240	EPA8260
cc:			031009	6.0240	EPA8260

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

MAR 25 2009

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NYSDOH ID # 10320

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TIME COL'D:1005

MATRIX:Soil SAMPLE: SD-3 (24'-26') Over Flow

Results reported on a dry weight basis

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/Kg	< 6.0	031009		6.0240	EPA8260
1,4 Dichlorobenzene (v)	ug/Kg	< 6.0	031009		6.0240	EPA8260
n-Butylbenzene	ug/Kg	< 6.0	031009		6.0240	EPA8260
1,2 Dichlorobenzene (v)	ug/Kg	< 6.0	031009		6.0240	EPA8260
Dibromochloropropane	ug/Kg	< 6.0	031009		6.0240	EPA8260
124-Trichlorobenzene (v)	ug/Kg	< 6.0	031009		6.0240	EPA8260
Hexachlorobutadiene	ug/Kg	< 6.0	031009		6.0240	EPA8260
Phthalene(v)	ug/Kg	< 6.0	031009		6.0240	EPA8260
1,3-Trichlorobenzene	ug/Kg	< 6.0	031009		6.0240	EPA8260
ter. ButylMethylEther	ug/Kg	< 6.0	031009		6.0240	EPA8260
p-Ethyltoluene	ug/Kg	< 6.0	031009		6.0240	EPA8260
Freon 113	ug/Kg	< 6.0	031009		6.0240	EPA8260
1245 Tetramethylbenz	ug/Kg	< 6.0	031009		6.0240	EPA8260
Acetone	ug/Kg	< 60	031009		60.240	EPA8260
Methyl Ethyl Ketone	ug/Kg	< 60	031009		60.240	EPA8260
Methylisobutylketone	ug/Kg	< 60	031009		60.240	EPA8260
Chlorodifluoromethane	ug/Kg	< 6.0	031009		6.0240	EPA8260
p Diethylbenzene	ug/Kg	< 6.0	031009		6.0240	EPA8260
% Solids		83	031609		0.1	182540G

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4399

NYSDOH ID # 10320

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MAR 25 2009

CHAIN OF CUSTODY RECORD

290872

MAR 25 2009

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