CDM Camp Dresser & McKee

consulting engineering construction operations

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Woodbury, New York 11797
Tel: 516 496-8400 Fax: 516 496-8864

April 30, 1998

Mr. Robert R. Stewart
NYSDEC
Building 40 - SUNY
Stony Brook, NY 11790-2356

Subject: Transmittal of Barium Tank Investigation Results;
Soil and Groundwater Analyses: 25 Melville Park Road

Dear Mr. Stewart:

Enclosed please find two copies of the analytical results for groundwater and subsurface soils for the supplemental Barium Tank Investigation at 25 Melville Park Road. A summary of the results appears in Table 1.

As per our agreement, outlined in your 8 January 1998 letter, subsurface soils were screened with a photoionization detector to determine the extent of the subsequent analyses. Since no volatile organic compounds were detected with the PID in subsurface soils from 12-14 feet below grade (fbg), 22-24 fbg and 32-34 fbg, only metals analyses were performed. Both metals and volatile organics were analyzed in the 43-45 fbg and the 52-54 fbg samples.

Following well installation, development and purging, a groundwater sample was collected at the new well (MW-24) located five feet downgradient of the former barium tank. This sample was analyzed for metals, volatile organics (including TIC's) and semi-volatile organics.

As these sampling results do not indicate an exceedance of any groundwater or soil criteria, we will consider this matter closed.

Very truly yours,

CAMP DRESSER & McKEE

David J. Keil, P.G.
Project Manager

cc: R. Becherer
S. O'Hara/Archon
C. McKenzie/B&D
B. Weinstein
J. Byrne
P. Douglas/Archon
M. Memoli
File

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Subsurface Soil Analytical Results For The MW-24 Borehole

Depth (ft)	*Barium Concentration (mg/kg)*	*Recommended Cleanup Objective**
12' - 14'	6.0	300 mg/kg
22' - 24'	13.6	300 mg/kg
32' - 34'	4.3	300 mg/kg
43' - 45'	4.6	300 mg/kg
52' - 54'	41.5	300 mg/kg

Groundwater Analytical Results For The MW-24 Well Water Sample

Contaminant	*Concentration ug/L*	*Maximum Contaminant Level*
VOCs (Plus TICs)	ND	N/A
Barium	299	1,000 ug/l

NOTES:
1. All other metals analyzed were detected below their maximum contaminant levels for drinking water and applicable soil standards.
2. Concentrations of barium identified in the soil and groundwater in the vicinity of the former NYTD barium tank were below soil and groundwater cleanup criteria. There does not appear to be a concern to human health or the environment from the former tank. No further investigation or remedial actions are warranted relating to this matter.

Analytical report package is contained in the attachment.

KEY:
* - TAGM HWR 94-4046 January 24, 1994 (Revised: April 1995).

Table 1
Analytical Results For MW-24
25 Melville Park Road, Melville, New York

SUPPLEMENT BARIUM TANK INVESTIGATION

- SUBSURFACE SOIL SAMPLING RESULTS (MARCH 5, 1998)
- GROUNDWATER QUALITY RESULTS (APRIL 14, 1998)

H2M LABS, INC.

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MW-24_12-14

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: ____ SAS No.: ____ SDG No.: CD&M025

Matrix (soil/water): SOIL__ Lab Sample ID: 9806378___

Level (low/med): LOW___ Date Received: 03/05/98

% Solids: 97.2__

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1260		*	P
7440-36-0	Antimony	0.26	U	N	P
7440-38-2	Arsenic	2.2		*	P
7440-39-3	Barium	6.0	B		P
7440-41-7	Beryllium	0.15	B		P
7440-43-9	Cadmium	0.021	U		P
7440-70-2	Calcium	62.9	B		P
7440-47-3	Chromium	3.4			P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	3.4		*	P
7439-89-6	Iron	3500		*	P
7439-92-1	Lead	2.4			P
7439-95-4	Magnesium	282	B		P
7439-96-5	Manganese	370		*	P
7439-97-6	Mercury	0.047	U		CV
7440-02-0	Nickel	3.6	B		P
7440-09-7	Potassium	221	B		P
7782-49-2	Selenium	0.25	U		P
7440-22-4	Silver	0.075	B		P
7440-23-5	Sodium	35.7	B	E	P
7440-28-0	Thallium	0.20	U		P
7440-62-2	Vanadium	2.5	B		P
7440-66-6	Zinc	5.8			P
	Cyanide				NR

Color Before: ORANGE__ Clarity Before: _____ Texture: FINE_

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
REPORTED: 4/2/98____

H2M LABS, INC.

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MW-24_22-24

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: CD&M025

Matrix (soil/water): SOIL__ Lab Sample ID: 9806379___

Level (low/med): LOW___ Date Received: 03/05/98

% Solids: 96.3__

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1520		*	P
7440-36-0	Antimony	0.30	B	N	P
7440-38-2	Arsenic	4.0		*	P
7440-39-3	Barium	13.6	B		P
7440-41-7	Beryllium	0.13	B		P
7440-43-9	Cadmium	0.021	U		P
7440-70-2	Calcium	993			P
7440-47-3	Chromium	3.6			P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	11.3		*	P
7439-89-6	Iron	4080		*	P
7439-92-1	Lead	2.5			P
7439-95-4	Magnesium	540			P
7439-96-5	Manganese	57.3		*	P
7439-97-6	Mercury	0.072	B		CV
7440-02-0	Nickel	2.0	B		P
7440-09-7	Potassium	160	B		P
7782-49-2	Selenium	0.25	U		P
7440-22-4	Silver	0.031	U		P
7440-23-5	Sodium	36.3	B	E	P
7440-28-0	Thallium	0.20	U		P
7440-62-2	Vanadium	2.6	B		P
7440-66-6	Zinc	6.7			P
	Cyanide				NR

Color Before: ORANGE__ Clarity Before: _____ Texture: FINE_

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
REPORTED: 4/2/98

H2M LABS, INC.

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24_32-34

Lab Name: H2M_LABS,_INC._____ Contract:_____

Lab Code: H2MLAB Case No.:____ SAS No.: ____ SDG No.: CD&M025

Matrix (soil/water): SOIL__ Lab Sample ID: 9806380___

Level (low/med): LOW___ Date Received: 03/05/98

% Solids: 98.5__

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	784		*	P
7440-36-0	Antimony	0.25	U	N	P
7440-38-2	Arsenic	1.1		*	P
7440-39-3	Barium	4.3	B		P
7440-41-7	Beryllium	0.092	B		P
7440-43-9	Cadmium	0.020	U		P
7440-70-2	Calcium	62.1	B		P
7440-47-3	Chromium	2.2			P
7440-48-4	Cobalt	0.76	B		P
7440-50-8	Copper	2.2	B	*	P
7439-89-6	Iron	2800		*	P
7439-92-1	Lead	1.0			P
7439-95-4	Magnesium	232	B		P
7439-96-5	Manganese	46.2		*	P
7439-97-6	Mercury	0.042	U		CV
7440-02-0	Nickel	1.5	B		P
7440-09-7	Potassium	128	B		P
7782-49-2	Selenium	0.24	U		P
7440-22-4	Silver	0.037	B		P
7440-23-5	Sodium	32.6	B	E	P
7440-28-0	Thallium	0.19	U		P
7440-62-2	Vanadium	2.3	B		P
7440-66-6	Zinc	4.4			P
	Cyanide				NR

Color Before: ORANGE__ Clarity Before: _____ Texture: FINE_

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

REPORTED: 4/2/98

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-24 43-45

Lab Name: H2M LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: CD&M025

Matrix: (soil/water) SOIL Lab Sample ID: 9806381

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P08346.D

Level: (low/med) LOW Date Received: 03/05/98

% Moisture: not dec. 3.2 Date Analyzed: 03/11/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	9	JB
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	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
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	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	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-24 43-45

Lab Name: H2M LABS INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: CD&M025

Matrix: (soil/water) SOIL Lab Sample ID: 9806381

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P08346.D

Level: (low/med) LOW Date Received: 03/05/98

% Moisture: not dec. 3.2 Date Analyzed: 03/11/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

H2M LABS, INC.

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MW-24_43-45

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: CD&M025

Matrix (soil/water): SOIL__ Lab Sample ID: 9806381___

Level (low/med): LOW___ Date Received: 03/05/98

% 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	581		*	P
7440-36-0	Antimony	0.26	U	N	P
7440-38-2	Arsenic	1.0	B	*	P
7440-39-3	Barium	4.6	B		P
7440-41-7	Beryllium	0.062	B		P
7440-43-9	Cadmium	0.021	U		P
7440-70-2	Calcium	63.8	B		P
7440-47-3	Chromium	1.7			P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	2.8		*	P
7439-89-6	Iron	2110		*	P
7439-92-1	Lead	0.92			P
7439-95-4	Magnesium	170	B		P
7439-96-5	Manganese	26.4		*	P
7439-97-6	Mercury	0.049	U		CV
7440-02-0	Nickel	1.2	B		P
7440-09-7	Potassium	106	B		P
7782-49-2	Selenium	0.25	U		P
7440-22-4	Silver	0.031	U		P
7440-23-5	Sodium	41.6	B	E	P
7440-28-0	Thallium	0.20	U		P
7440-62-2	Vanadium	1.9	B		P
7440-66-6	Zinc	4.1			P
	Cyanide	0.52	U		CA

Color Before: ORANGE__ Clarity Before: _____ Texture: FINE_

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
REPORTED:_3/5/98_____

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24 52-54

Lab Name: H2M LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: CD&M025

Matrix: (soil/water) SOIL Lab Sample ID: 9806382

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P08347.D

Level: (low/med) LOW Date Received: 03/05/98

% Moisture: not dec. 21.9 Date Analyzed: 03/11/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	10	JB
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-4	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
71-43-2	Benzene	13	U
124-48-1	Dibromochloromethane	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

A 0027

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-24 52-54

Lab Name: H2M LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: CD&M025

Matrix: (soil/water) SOIL Lab Sample ID: 9806382

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P08347.D

Level: (low/med) LOW Date Received: 03/05/98

% Moisture: not dec. 21.9 Date Analyzed: 03/11/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Grant H2M 3/24/98

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

A 0028

H2M LABS, INC.

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24_52-54

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: CD&M025

Matrix (soil/water): SOIL__ Lab Sample ID: 9806382___

Level (low/med): LOW___ Date Received: 03/05/98

% Solids: 78.1__

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	386		*	P
7440-36-0	Antimony	0.32	U	N	P
7440-38-2	Arsenic	0.79	B	*	P
7440-39-3	Barium	41.5			P
7440-41-7	Beryllium	0.063	B		P
7440-43-9	Cadmium	0.026	B		P
7440-70-2	Calcium	35.0	B		P
7440-47-3	Chromium	2.1			P
7440-48-4	Cobalt	0.51	B		P
7440-50-8	Copper	2.2	B	*	P
7439-89-6	Iron	1670		*	P
7439-92-1	Lead	0.74			P
7439-95-4	Magnesium	62.2	B		P
7439-96-5	Manganese	9.6		*	P
7439-97-6	Mercury	0.061	U		CV
7440-02-0	Nickel	0.93	B		P
7440-09-7	Potassium	40.9	B		P
7782-49-2	Selenium	0.31	U		P
7440-22-4	Silver	0.062	B		P
7440-23-5	Sodium	32.4	B	E	P
7440-28-0	Thallium	0.24	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	2.9			P
	Cyanide	0.64	U		CA

Color Before: ORANGE__ Clarity Before: _____ Texture: FINE_

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

REPORTED: 4/2/98_____

A 0029

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-24

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: CD&M SAS No.: SDG No.: CD&M028

Matrix: (soil/water) WATER Lab Sample ID: 9810909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P08748.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: not dec. Date Analyzed: 04/15/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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	3	JB
67-64-1	Acetone	7	JB
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	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
127-18-4	Tetrachloroethene	7	J
79-34-5	1,1,2,2-Tetrachloroethane	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	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-24

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: CD&M SAS No.: SDG No.: CD&M028

Matrix: (soil/water) WATER Lab Sample ID: 9810909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P08748.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: not dec. Date Analyzed: 04/15/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: CD&M028

Matrix: (soil/water) WATER Lab Sample ID: 9810909

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D00578.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108952	Phenol	10	U
111444	bis(2-Chloroethyl)ether	10	U
95578	2-Chlorophenol	10	U
541731	1,3-Dichlorobenzene	10	U
106467	1,4-Dichlorobenzene	10	U
95501	1,2-Dichlorobenzene	10	U
95487	2-Methylphenol	10	U
108601	2,2'-oxybis(1-Chloropropane)	10	U
106445	4-Methylphenol	10	U
621647	N-Nitroso-di-n-propylamine	10	U
67721	Hexachloroethane	10	U
98953	Nitrobenzene	10	U
78591	Isophorone	10	U
88755	2-Nitrophenol	10	U
105679	2,4-Dimethylphenol	10	U
111911	bis(2-Chloroethoxy)methane	10	U
120832	2,4-Dichlorophenol	10	U
120821	1,2,4-Trichlorobenzene	10	U
91203	Naphthalene	10	U
106478	4-Chloroaniline	10	U
87683	Hexachlorobutadiene	10	U
59507	4-Chloro-3-methylphenol	10	U
91576	2-Methylnaphthalene	10	U
77474	Hexachlorocyclopentadiene	10	U
88062	2,4,6-Trichlorophenol	10	U
95954	2,4,5-Trichlorophenol	25	U
91587	2-Chloronaphthalene	10	U
88744	2-Nitroaniline	25	U
131113	Dimethylphthalate	10	U
208968	Acenaphthylene	10	U
606202	2,6-Dinitrotoluene	10	U
99092	3-Nitroaniline	25	U
83329	Acenaphthene	10	U
51285	2,4-Dinitrophenol	25	U
100027	4-Nitrophenol	25	U
132649	Dibenzofuran	10	U
121142	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: CD&M028

Matrix: (soil/water) WATER Lab Sample ID: 9810909

Sample wt/vol: 1000 (g/ml) ML Lab File ID: D00578.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/98

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
84662	Diethylphthalate	10	U
86737	Fluorene	10	U
7005723	4-Chlorophenyl-phenylether	10	U
100016	4-Nitroaniline	25	U
534521	4,6-Dinitro-2-methylphenol	25	U
86306	N-Nitrosodiphenylamine	10	U
101553	4-Bromophenyl-phenylether	10	U
118741	Hexachlorobenzene	10	U
87865	Pentachlorophenol	25	U
85018	Phenanthrene	10	U
120127	Anthracene	10	U
86748	Carbazole	10	U
84742	Di-n-butylphthalate	10	U
206440	Fluoranthene	10	U
129000	Pyrene	10	U
85687	Butylbenzylphthalate	10	U
56553	Benzo[a]anthracene	10	U
91941	3,3'-Dichlorobenzidine	10	U
218019	Chrysene	10	U
117817	bis(2-Ethylhexyl)phthalate	24	
117840	Di-n-octylphthalate	10	U
205992	Benzo[b]fluoranthene	10	U
207089	Benzo[k]fluoranthene	10	U
50328	Benzo[a]pyrene	10	U
193395	Indeno[1,2,3-cd]pyrene	10	U
53703	Dibenz[a,h]anthracene	10	U
191242	Benzo[g,h,i]perylene	10	U

H2M LABS, INC.

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-24

Lab Name: H2M_LABS,_INC._____ Contract:_____

Lab Code: H2MLAB Case No.:_____ SAS No.: _____ SDG No.: CDM028

Matrix (soil/water): WATER_ Lab Sample ID: 9810909___

Level (low/med): LOW___ Date Received: 04/14/98

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.4	U		P
7440-39-3	Barium	299			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	3.4	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.0	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.6	B		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese	40.5		E	P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.8	B		P
7440-22-4	Silver	1.4	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		CA

Color Before: LIGHT_YELLOW Clarity Before: CLEAR_ Texture: _____

Color After: LIGHT_YELLOW Clarity After: CLEAR_ Artifacts: _____

Comments:

DATE_REPORTED:__APRIL_22,_1998

A 0183