

# NEW YORK STATE SUPERFUND CONTRACT

## Remedial Investigation Report

### Volume III • Appendix H

United Plating Site  
Remedial Investigation/Feasibility Study

Site No. 447018

Work Assignment No. D002676-10.2

**DATE: April 1999**



Prepared for:

**New York State  
Department of  
Environmental Conservation**

50 Wolf Road, Albany, New York 12233  
*John Cahill, Commissioner*

Division of Environmental Remediation  
*Michael J. O'Toole, Jr., P.E., Director*

**By:**

**Lawler, Matusky & Skelly Engineers LLP**

**NEW YORK STATE SUPERFUND CONTRACT  
REMEDIAL INVESTIGATION REPORT**

**VOLUME III - APPENDIX H**

United Plating Site  
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Site No. 447018

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**New York State Department of Environmental Conservation  
50 Wolf Road, Albany, New York 12233  
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**LAWLER, MATUSKY & SKELLY ENGINEERS LLP**  
Environmental Science and Engineering Consultants  
One Blue Hill Plaza  
Pearl River, NY 10965

APPENDIX H  
ANALYTICAL DATA SUMMARY SHEETS

**WIPE SAMPLES**

SDG No. UPFB01

ENGINEERS  
 JUN 05 1995

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 LAWLER, MATUSKY & SKELLY  
 ENGINEERS

SAMPLE IDENTIFICATION AND  
 ANALYTICAL REQUIREMENT SUMMARY

JUN 05 1995

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method #	*BNA GC/MS Method #	*VOA GC Method #	*Pest PCBs Method #	*Metals TAL + CN	*Other
GAUZE 1	9S119342						
UPFB 01	22						
UPWP 01	01						
02	02						
03	03						
04	04						
05	05						
06	06						
07	07						
08	08						
09	09						
10	10						
11	11						
12	12						
13	13						
14	14						
15	15						
16	16						
17	17						
18	18						
19	19						
20	20						
21	21						
22	23						
23	24						
24	25						
25	26						
26	27						
27	28						
28	29						
29	30						
30	31						
31	32						✓

01



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

GAUZE↓

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119342

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	1.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	412.00	B	E	P
7440-47-3	Chromium	1.30	U	E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2.40	U		P
7439-89-6	Iron	28.40	B	E	P
7439-92-1	Lead	1.90	U		P
7439-95-4	Magnesium	135.00	B		P
7439-96-5	Manganese	0.40	U	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	96.40	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U	E	P
7440-23-5	Sodium	1810.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	28.20			P
	Cyanide				NR

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFB01

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119322

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	411.00	B	E	P
7440-47-3	Chromium	3.90	B	E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2.40	U		P
7439-89-6	Iron	73.20	B	E	P
7439-92-1	Lead	24.40			P
7439-95-4	Magnesium	68.70	B		P
7439-96-5	Manganese	2.00	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U	E	P
7440-23-5	Sodium	1730.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	13.40	B		P
	Cyanide	2.00	U	N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP01

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119301  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	434.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	142.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	17.90			P
7440-70-2	Calcium	2580.00	B	E	P
7440-47-3	Chromium	1070.00		E	P
7440-48-4	Cobalt	38.40	B		P
7440-50-8	Copper	257.00			P
7439-89-6	Iron	19000.00		E	P
7439-92-1	Lead	140.00			P
7439-95-4	Magnesium	590.00	B		P
7439-96-5	Manganese	98.80		E	P
7439-97-6	Mercury	0.25		N	CV
7440-02-0	Nickel	860.00			P
7440-09-7	Potassium	435.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	138.00		E	P
7440-23-5	Sodium	3200.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	418.00			P
	Cyanide	477.00		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP02

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119302

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1130.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	21.00			P
7440-39-3	Barium	51.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	34.00			P
7440-70-2	Calcium	4500.00		E	P
7440-47-3	Chromium	2640.00		E	P
7440-48-4	Cobalt	61.70			P
7440-50-8	Copper	1890.00			P
7439-89-6	Iron	172000.00		E	P
7439-92-1	Lead	355.00			P
7439-95-4	Magnesium	1660.00	B		P
7439-96-5	Manganese	773.00		E	P
7439-97-6	Mercury	0.58		N	CV
7440-02-0	Nickel	80.60			P
7440-09-7	Potassium	874.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	461.00		E	P
7440-23-5	Sodium	3470.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	9.40	B		P
7440-66-6	Zinc	1310.00			P
	Cyanide	562.00		N	CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP03

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119303  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	210.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	82.40			P
7440-39-3	Barium	74.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	23.00			P
7440-70-2	Calcium	5730.00		E	P
7440-47-3	Chromium	347.00		E	P
7440-48-4	Cobalt	10.40	B		P
7440-50-8	Copper	2330.00			P
7439-89-6	Iron	277000.00		E	P
7439-92-1	Lead	47.90			P
7439-95-4	Magnesium	990.00	B		P
7439-96-5	Manganese	3190.00		E	P
7439-97-6	Mercury	0.55		N	CV
7440-02-0	Nickel	169.00			P
7440-09-7	Potassium	859.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	854.00		E	P
7440-23-5	Sodium	3210.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	13.10	B		P
7440-66-6	Zinc	361.00			P
	Cyanide	602.00		N	CA

Color Before: BROWN Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP04

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119304  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1320.00	-	E	P
7440-36-0	Antimony	12.40	B	N	P
7440-38-2	Arsenic	6.50	B		P
7440-39-3	Barium	61.60	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	35.10			P
7440-70-2	Calcium	4310.00		E	P
7440-47-3	Chromium	6640.00		E	P
7440-48-4	Cobalt	627.00			P
7440-50-8	Copper	357.00			P
7439-89-6	Iron	47200.00		E	P
7439-92-1	Lead	379.00			P
7439-95-4	Magnesium	926.00	B		P
7439-96-5	Manganese	297.00		E	P
7439-97-6	Mercury	0.13		N	CV
7440-02-0	Nickel	170.00			P
7440-09-7	Potassium	520.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	113.00		E	P
7440-23-5	Sodium	3720.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	3.90	B		P
7440-66-6	Zinc	714.00			P
	Cyanide	118.00		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP05

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFB01  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95119305  
 Level (low/med): LOW                      Date Received: 05/24/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3230.00		E	P
7440-36-0	Antimony	74.30		N	P
7440-38-2	Arsenic	5.40	B		P
7440-39-3	Barium	145.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	29.40			P
7440-70-2	Calcium	3200.00	B	E	P
7440-47-3	Chromium	4710.00		E	P
7440-48-4	Cobalt	4080.00			P
7440-50-8	Copper	346.00			P
7439-89-6	Iron	11000.00		E	P
7439-92-1	Lead	1460.00			P
7439-95-4	Magnesium	1110.00	B		P
7439-96-5	Manganese	67.20		E	P
7439-97-6	Mercury	0.17		N	CV
7440-02-0	Nickel	907.00			P
7440-09-7	Potassium	750.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	306.00		E	P
7440-23-5	Sodium	4960.00		E	P
7440-28-0	Thallium	12.30			P
7440-62-2	Vanadium	2.90	B		P
7440-66-6	Zinc	827.00			P
	Cyanide	143.00		N	CA

Color Before: GREY                      Clarity Before:                      Texture:  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP06

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119306

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12100.00		E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	9.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	38.80			P
7440-70-2	Calcium	2120.00	B	E	P
7440-47-3	Chromium	66.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2080.00			P
7439-89-6	Iron	2210.00		E	P
7439-92-1	Lead	80.40			P
7439-95-4	Magnesium	324.00	B		P
7439-96-5	Manganese	33.50		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	19.40	B		P
7440-09-7	Potassium	9680.00		E	P
7782-49-2	Selenium	3.20	B		P
7440-22-4	Silver	714.00		E	P
7440-23-5	Sodium	96900.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	301.00			P
	Cyanide	2900.00		N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP07

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119307  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	156.00	B	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	23.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	3.70	B		P
7440-70-2	Calcium	889.00	B	E	P
7440-47-3	Chromium	280.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	266.00			P
7439-89-6	Iron	1010.00		E	P
7439-92-1	Lead	226.00			P
7439-95-4	Magnesium	289.00	B		P
7439-96-5	Manganese	7.10	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	10.60	B		P
7440-09-7	Potassium	128.00	B	E	P
7782-49-2	Selenium	2.90	B		P
7440-22-4	Silver	53.00		E	P
7440-23-5	Sodium	2410.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	153.00			P
	Cyanide	147.00		N	CA

Color Before: COLORLESS Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP08

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119308  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1320.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	4.00	B		P
7440-39-3	Barium	300.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	11.50			P
7440-70-2	Calcium	4220.00		E	P
7440-47-3	Chromium	1490.00		E	P
7440-48-4	Cobalt	66.90			P
7440-50-8	Copper	539.00			P
7439-89-6	Iron	4720.00		E	P
7439-92-1	Lead	371.00			P
7439-95-4	Magnesium	567.00	B		P
7439-96-5	Manganese	50.00		E	P
7439-97-6	Mercury	0.37		N	CV
7440-02-0	Nickel	40.00			P
7440-09-7	Potassium	460.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	106.00		E	P
7440-23-5	Sodium	3110.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	1690.00			P
	Cyanide	1130.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP09

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119309  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1840.00	-	E	P
7440-36-0	Antimony	6.90	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	122.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	25.70			P
7440-70-2	Calcium	2120.00	B	E	P
7440-47-3	Chromium	1640.00		E	P
7440-48-4	Cobalt	352.00			P
7440-50-8	Copper	451.00			P
7439-89-6	Iron	5800.00		E	P
7439-92-1	Lead	710.00			P
7439-95-4	Magnesium	433.00	B		P
7439-96-5	Manganese	32.90		E	P
7439-97-6	Mercury	0.18		N	CV
7440-02-0	Nickel	195.00			P
7440-09-7	Potassium	475.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	28.30		E	P
7440-23-5	Sodium	23700.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	568.00			P
	Cyanide	214.00		N	CA

Color Before: GREY Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP10

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119310

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	398.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	11.90	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	3.80	B		P
7440-70-2	Calcium	1030.00	B	E	P
7440-47-3	Chromium	1800.00		E	P
7440-48-4	Cobalt	929.00			P
7440-50-8	Copper	70.70			P
7439-89-6	Iron	12200.00		E	P
7439-92-1	Lead	40.10			P
7439-95-4	Magnesium	234.00	B		P
7439-96-5	Manganese	24.70		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	158.00			P
7440-09-7	Potassium	95.20	U	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	4.30	B	E	P
7440-23-5	Sodium	1500.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	90.60			P
	Cyanide	49.10		N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP11
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Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119311  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1560.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	10.40			P
7440-39-3	Barium	2240.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1130.00			P
7440-70-2	Calcium	5140.00		E	P
7440-47-3	Chromium	1.30	U	E	P
7440-48-4	Cobalt	39.00	B		P
7440-50-8	Copper	3310.00			P
7439-89-6	Iron	23000.00		E	P
7439-92-1	Lead	5150.00			P
7439-95-4	Magnesium	1440.00	B		P
7439-96-5	Manganese	2080.00		E	P
7439-97-6	Mercury	0.14		N	CV
7440-02-0	Nickel	256.00			P
7440-09-7	Potassium	14600.00		E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	894.00		E	P
7440-23-5	Sodium	106000.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	13.10	B		P
7440-66-6	Zinc	9170.00			P
	Cyanide	1250.00		N	CA

Color Before: BROWN Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP12

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119312  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	4.30	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.90	B		P
7440-70-2	Calcium	741.00	B	E	P
7440-47-3	Chromium	29.30		E	P
7440-48-4	Cobalt	6.80	B		P
7440-50-8	Copper	8.70	B		P
7439-89-6	Iron	11.20	U	E	P
7439-92-1	Lead	7.50			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	2.20	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U	E	P
7782-49-2	Selenium	3.20	B		P
7440-22-4	Silver	41.60		E	P
7440-23-5	Sodium	1820.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	26.00			P
	Cyanide	22.00		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP13

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119313  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	671.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	9.50			P
7440-39-3	Barium	626.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	38.20			P
7440-70-2	Calcium	2250.00	B	E	P
7440-47-3	Chromium	806.00		E	P
7440-48-4	Cobalt	34.60	B		P
7440-50-8	Copper	270.00			P
7439-89-6	Iron	378000.00		E	P
7439-92-1	Lead	2300.00			P
7439-95-4	Magnesium	737.00	B		P
7439-96-5	Manganese	1500.00		E	P
7439-97-6	Mercury	0.75		N	CV
7440-02-0	Nickel	1630.00			P
7440-09-7	Potassium	216.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	33.00		E	P
7440-23-5	Sodium	6600.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	11.80	B		P
7440-66-6	Zinc	1120.00			P
	Cyanide	100.00		N	CA

Color Before: BROWN Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP14

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119314

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	252.00		E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	20.80	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	7.60			P
7440-70-2	Calcium	1310.00	B	E	P
7440-47-3	Chromium	1.30	U	E	P
7440-48-4	Cobalt	31.50	B		P
7440-50-8	Copper	152.00			P
7439-89-6	Iron	4120.00		E	P
7439-92-1	Lead	145.00			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	11.90	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	27.20	B		P
7440-09-7	Potassium	127.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	29.00		E	P
7440-23-5	Sodium	2040.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	131.00			P
	Cyanide	180.00		N	CA

Color Before: YELLOW

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP15

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119315  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	246.00	-	E	P
7440-36-0	Antimony	23.90	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	72.60	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	53.70			P
7440-70-2	Calcium	1810.00	B	E	P
7440-47-3	Chromium	130.00		E	P
7440-48-4	Cobalt	9.70	B		P
7440-50-8	Copper	5090.00			P
7439-89-6	Iron	8890.00		E	P
7439-92-1	Lead	311.00			P
7439-95-4	Magnesium	305.00	B		P
7439-96-5	Manganese	54.20		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	246.00			P
7440-09-7	Potassium	6110.00		E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1240.00		E	P
7440-23-5	Sodium	21900.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	433.00			P
	Cyanide	751.00		N	CA

Color Before: GREY Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP16

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119316

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16.70	B	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.70	B		P
7440-39-3	Barium	2.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	1460.00	B	E	P
7440-47-3	Chromium	739.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	31.80			P
7439-89-6	Iron	270.00		E	P
7439-92-1	Lead	74.90			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	1.60	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	179.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	4.20	B	E	P
7440-23-5	Sodium	1740.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	14.60	B		P
	Cyanide	16.70		N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP17

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119317  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	206.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	21.30			P
7440-39-3	Barium	43.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.50	B		P
7440-70-2	Calcium	236.00	B	E	P
7440-47-3	Chromium	157.00		E	P
7440-48-4	Cobalt	5.40	B		P
7440-50-8	Copper	23.60			P
7439-89-6	Iron	265.00		E	P
7439-92-1	Lead	26.30			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	7.40	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	99.40	B	E	P
7782-49-2	Selenium	19.10			P
7440-22-4	Silver	3.70	B	E	P
7440-23-5	Sodium	1920.00	B	E	P
7440-28-0	Thallium	21.90			P
7440-62-2	Vanadium	3.00	B		P
7440-66-6	Zinc	33.40			P
	Cyanide	22.50		N	CA

Color Before: COLORLESS Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP18

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119318  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3610.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	15.80			P
7440-39-3	Barium	4.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	9.40			P
7440-70-2	Calcium	737.00	B	E	P
7440-47-3	Chromium	424.00		E	P
7440-48-4	Cobalt	29.20	B		P
7440-50-8	Copper	359.00			P
7439-89-6	Iron	329000.00		E	P
7439-92-1	Lead	215.00			P
7439-95-4	Magnesium	432.00	B		P
7439-96-5	Manganese	2240.00		E	P
7439-97-6	Mercury	0.12		N	CV
7440-02-0	Nickel	40.80			P
7440-09-7	Potassium	140.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	2.50	B	E	P
7440-23-5	Sodium	1610.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	12.40	B		P
7440-66-6	Zinc	74.30			P
	Cyanide	13.90		N	CA

Color Before: BROWN Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP19

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFB01  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95119319  
 Level (low/med): LOW                      Date Received: 05/24/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	385.00	-	E	P
7440-36-0	Antimony	6.10	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	10.80	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.40	B		P
7440-70-2	Calcium	902.00	B	E	P
7440-47-3	Chromium	1450.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	86.30			P
7439-89-6	Iron	2250.00		E	P
7439-92-1	Lead	919.00			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	13.60		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	119.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	3.70	B	E	P
7440-23-5	Sodium	1900.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	40.20			P
	Cyanide	13.90		N	CA

Color Before: COLORLESS      Clarity Before:                      Texture:  
 Color After: COLORLESS      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP20

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119320  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	100.00	B	E	P
7440-36-0	Antimony	101.00		N	P
7440-38-2	Arsenic	12.80			P
7440-39-3	Barium	1930.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	755.00	B	E	P
7440-47-3	Chromium	7130.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	28.10			P
7439-89-6	Iron	612.00		E	P
7439-92-1	Lead	3760.00			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	8.60	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.90	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	39.40		E	P
7440-23-5	Sodium	1920.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	7.20	B		P
	Cyanide	9.30		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP21
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Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119321  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	146.00	B	E	P
7440-36-0	Antimony	10500.00		N	P
7440-38-2	Arsenic	5.40	B		P
7440-39-3	Barium	39.40	B		P
7440-41-7	Beryllium	7.10			P
7440-43-9	Cadmium	1.80	B		P
7440-70-2	Calcium	719.00	B	E	P
7440-47-3	Chromium	1.30	U	E	P
7440-48-4	Cobalt	6.40	B		P
7440-50-8	Copper	15.60	B		P
7439-89-6	Iron	3270.00		E	P
7439-92-1	Lead	16000.00			P
7439-95-4	Magnesium	263.00	B		P
7439-96-5	Manganese	45.50		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	13.50	B		P
7440-09-7	Potassium	860.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	9.20		E	P
7440-23-5	Sodium	47500.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.70	B		P
7440-66-6	Zinc	3.00	U		P
	Cyanide	9.60		N	CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP22

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119323  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	73.00	B	E	P
7440-36-0	Antimony	7.40	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	6.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.10	B		P
7440-70-2	Calcium	472.00	B	E	P
7440-47-3	Chromium	788.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	74.00			P
7439-89-6	Iron	429.00		E	P
7439-92-1	Lead	217.00			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	5.00	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	58.10		E	P
7440-23-5	Sodium	1580.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	16300.00			P
	Cyanide	2.50		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP23

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119324  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	9.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	479.00	B	E	P
7440-47-3	Chromium	721.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	69.50			P
7439-89-6	Iron	281.00		E	P
7439-92-1	Lead	427.00			P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	4.60	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	98.70	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	166.00		E	P
7440-23-5	Sodium	1430.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	72.10			P
	Cyanide	4.40		N	CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP24

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119325  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1360.00	-	E	P
7440-36-0	Antimony	47.30	B	N	P
7440-38-2	Arsenic	7.00	B		P
7440-39-3	Barium	622.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	57.30			P
7440-70-2	Calcium	21700.00		E	P
7440-47-3	Chromium	1240.00		E	P
7440-48-4	Cobalt	7.90	B		P
7440-50-8	Copper	3100.00			P
7439-89-6	Iron	32300.00		E	P
7439-92-1	Lead	3330.00			P
7439-95-4	Magnesium	2100.00	B		P
7439-96-5	Manganese	630.00		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	101.00			P
7440-09-7	Potassium	277.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	16.50		E	P
7440-23-5	Sodium	29200.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	1050.00			P
	Cyanide	41.60		N	CA

Color Before: GREEN Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP25

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119326  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2060.00	-	E	P
7440-36-0	Antimony	12.20	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	118.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	9.00			P
7440-70-2	Calcium	1410.00	B	E	P
7440-47-3	Chromium	748.00		E	P
7440-48-4	Cobalt	7.20	B		P
7440-50-8	Copper	114.00			P
7439-89-6	Iron	24700.00		E	P
7439-92-1	Lead	21600.00			P
7439-95-4	Magnesium	226.00	B		P
7439-96-5	Manganese	119.00		E	P
7439-97-6	Mercury	2.90		N	CV
7440-02-0	Nickel	12.80	B		P
7440-09-7	Potassium	224.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	31.60		E	P
7440-23-5	Sodium	1920.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.80	B		P
7440-66-6	Zinc	128.00			P
	Cyanide	8.50		N	CA

Color Before: BROWN Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP26
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Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119327

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2600.00	-	E	P
7440-36-0	Antimony	9.40	B	N	P
7440-38-2	Arsenic	52.30			P
7440-39-3	Barium	13.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	140.00			P
7440-70-2	Calcium	1790.00	B	E	P
7440-47-3	Chromium	11100.00		E	P
7440-48-4	Cobalt	74.10			P
7440-50-8	Copper	1810.00			P
7439-89-6	Iron	503000.00		E	P
7439-92-1	Lead	1380.00			P
7439-95-4	Magnesium	1390.00	B		P
7439-96-5	Manganese	2210.00		E	P
7439-97-6	Mercury	0.71		N	CV
7440-02-0	Nickel	1930.00			P
7440-09-7	Potassium	504.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	9.60		E	P
7440-23-5	Sodium	5140.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	29.60	B		P
7440-66-6	Zinc	505.00			P
	Cyanide	17.70		N	CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP27

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119328  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	868.00	-	E	P
7440-36-0	Antimony	17.60	B	N	P
7440-38-2	Arsenic	4.60	B		P
7440-39-3	Barium	73.90	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	94.20			P
7440-70-2	Calcium	2770.00	B	E	P
7440-47-3	Chromium	1030.00		E	P
7440-48-4	Cobalt	17.70	B		P
7440-50-8	Copper	1090.00			P
7439-89-6	Iron	24900.00		E	P
7439-92-1	Lead	2010.00			P
7439-95-4	Magnesium	1010.00	B		P
7439-96-5	Manganese	121.00		E	P
7439-97-6	Mercury	0.13		N	CV
7440-02-0	Nickel	69.50			P
7440-09-7	Potassium	389.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	296.00		E	P
7440-23-5	Sodium	2320.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	7.60	B		P
7440-66-6	Zinc	668.00			P
	Cyanide	140.00		N	CA

Color Before: RED Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP28

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119329

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	272.00		E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	9.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	28.90			P
7440-70-2	Calcium	2660.00	B	E	P
7440-47-3	Chromium	104.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	79.20			P
7439-89-6	Iron	2240.00		E	P
7439-92-1	Lead	286.00			P
7439-95-4	Magnesium	196.00	B		P
7439-96-5	Manganese	17.20		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	41.70			P
7440-09-7	Potassium	140.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.90	B	E	P
7440-23-5	Sodium	1310.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	226.00			P
	Cyanide	16.20		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP29

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119330  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.60	B		P
7440-39-3	Barium	50.80	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	196.00			P
7440-70-2	Calcium	18700.00		E	P
7440-47-3	Chromium	72.50		E	P
7440-48-4	Cobalt	8.80	B		P
7440-50-8	Copper	673.00			P
7439-89-6	Iron	21600.00		E	P
7439-92-1	Lead	161.00			P
7439-95-4	Magnesium	6830.00			P
7439-96-5	Manganese	294.00		E	P
7439-97-6	Mercury	0.15		N	CV
7440-02-0	Nickel	1880.00			P
7440-09-7	Potassium	155.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U	E	P
7440-23-5	Sodium	2110.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	9.70	B		P
7440-66-6	Zinc	1120.00			P
	Cyanide	20.30		N	CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP30

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119331

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	52.40		N	P
7440-38-2	Arsenic	22.30			P
7440-39-3	Barium	596.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2620.00			P
7440-70-2	Calcium	57900.00		E	P
7440-47-3	Chromium	2940.00		E	P
7440-48-4	Cobalt	39.80	B		P
7440-50-8	Copper	12100.00			P
7439-89-6	Iron	113000.00		E	P
7439-92-1	Lead	6410.00			P
7439-95-4	Magnesium	12500.00			P
7439-96-5	Manganese	934.00		E	P
7439-97-6	Mercury	0.56		N	CV
7440-02-0	Nickel	4210.00			P
7440-09-7	Potassium	3340.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	116.00		E	P
7440-23-5	Sodium	46700.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	28.80	B		P
7440-66-6	Zinc	15100.00			P
	Cyanide	205.00		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP31

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119332  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	79.80	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	13.80			P
7440-70-2	Calcium	4470.00		E	P
7440-47-3	Chromium	203.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	43.10			P
7439-89-6	Iron	5000.00		E	P
7439-92-1	Lead	309.00			P
7439-95-4	Magnesium	701.00	B		P
7439-96-5	Manganese	13.30		E	P
7439-97-6	Mercury	0.23		N	CV
7440-02-0	Nickel	24.70	B		P
7440-09-7	Potassium	347.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.90	B	E	P
7440-23-5	Sodium	1850.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	3.10	B		P
7440-66-6	Zinc	94.50			P
	Cyanide	158.00		N	CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP32

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119333  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24500.00		E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	58.80			P
7440-39-3	Barium	1240.00			P
7440-41-7	Beryllium	1.70	B		P
7440-43-9	Cadmium	508.00			P
7440-70-2	Calcium	76500.00		E	P
7440-47-3	Chromium	1150.00		E	P
7440-48-4	Cobalt	24.60	B		P
7440-50-8	Copper	12400.00			P
7439-89-6	Iron	347000.00		E	P
7439-92-1	Lead	1650.00			P
7439-95-4	Magnesium	25500.00			P
7439-96-5	Manganese	3630.00		E	P
7439-97-6	Mercury	0.28		N	CV
7440-02-0	Nickel	180.00			P
7440-09-7	Potassium	52100.00		E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	9.50		E	P
7440-23-5	Sodium	24700.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	79.30			P
7440-66-6	Zinc	3210.00			P
	Cyanide	1360.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP33

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119334  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8940.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	21.20			P
7440-39-3	Barium	1080.00			P
7440-41-7	Beryllium	0.62	B		P
7440-43-9	Cadmium	9620.00			P
7440-70-2	Calcium	291000.00		E	P
7440-47-3	Chromium	1030.00		E	P
7440-48-4	Cobalt	5.90	B		P
7440-50-8	Copper	7370.00			P
7439-89-6	Iron	321000.00		E	P
7439-92-1	Lead	1510.00			P
7439-95-4	Magnesium	13000.00			P
7439-96-5	Manganese	1360.00		E	P
7439-97-6	Mercury	0.24		N	CV
7440-02-0	Nickel	118.00			P
7440-09-7	Potassium	5230.00		E	P
7782-49-2	Selenium	31.80			P
7440-22-4	Silver	13.50		E	P
7440-23-5	Sodium	4790.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	48.10			P
7440-66-6	Zinc	1740.00			P
	Cyanide	362.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP34

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119335

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3320.00		E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	9.50			P
7440-39-3	Barium	221.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	245.00			P
7440-70-2	Calcium	28500.00		E	P
7440-47-3	Chromium	653.00		E	P
7440-48-4	Cobalt	15.30	B		P
7440-50-8	Copper	966.00			P
7439-89-6	Iron	211000.00		E	P
7439-92-1	Lead	2480.00			P
7439-95-4	Magnesium	3330.00	B		P
7439-96-5	Manganese	1040.00		E	P
7439-97-6	Mercury	0.31		N	CV
7440-02-0	Nickel	149.00			P
7440-09-7	Potassium	95.20	U	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	5.50	B	E	P
7440-23-5	Sodium	90.40	U	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	22.60	B		P
7440-66-6	Zinc	652.00			P
	Cyanide	253.00		N	CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP35

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119336  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12500.00	-	E	P
7440-36-0	Antimony	271.00		N	P
7440-38-2	Arsenic	163.00			P
7440-39-3	Barium	21.20	B		P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	28100.00			P
7440-70-2	Calcium	5450.00		E	P
7440-47-3	Chromium	1.30	U	E	P
7440-48-4	Cobalt	9.80	B		P
7440-50-8	Copper	9430.00			P
7439-89-6	Iron	32300.00		E	P
7439-92-1	Lead	1230.00			P
7439-95-4	Magnesium	8500.00			P
7439-96-5	Manganese	1390.00		E	P
7439-97-6	Mercury	2.60		N	CV
7440-02-0	Nickel	457.00			P
7440-09-7	Potassium	7650.00		E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	245.00		E	P
7440-23-5	Sodium	10100.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	99.00			P
7440-66-6	Zinc	3.00	U		P
	Cyanide	431.00		N	CA

Color Before: GREEN Clarity Before: Texture:  
 Color After: GREEN Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP36

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119337

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11200.00		E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	48.20			P
7440-39-3	Barium	28.30	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	56200.00			P
7440-70-2	Calcium	15100.00		E	P
7440-47-3	Chromium	2500.00		E	P
7440-48-4	Cobalt	30.60	B		P
7440-50-8	Copper	7900.00			P
7439-89-6	Iron	467000.00		E	P
7439-92-1	Lead	2280.00			P
7439-95-4	Magnesium	2170.00	B		P
7439-96-5	Manganese	1590.00		E	P
7439-97-6	Mercury	0.27		N	CV
7440-02-0	Nickel	19200.00			P
7440-09-7	Potassium	1160.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	36.00		E	P
7440-23-5	Sodium	85300.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	12.40	B		P
7440-66-6	Zinc	3020.00			P
	Cyanide	4650.00		N	CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP37

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119338  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	25400.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	42.80			P
7440-39-3	Barium	314.00			P
7440-41-7	Beryllium	1.50	B		P
7440-43-9	Cadmium	4570.00			P
7440-70-2	Calcium	82900.00		E	P
7440-47-3	Chromium	46200.00		E	P
7440-48-4	Cobalt	23.60	B		P
7440-50-8	Copper	2380.00			P
7439-89-6	Iron	90600.00		E	P
7439-92-1	Lead	1200.00			P
7439-95-4	Magnesium	15800.00			P
7439-96-5	Manganese	809.00		E	P
7439-97-6	Mercury	0.74		N	CV
7440-02-0	Nickel	590.00			P
7440-09-7	Potassium	7170.00		E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	16.00		E	P
7440-23-5	Sodium	23300.00		E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	92.20			P
7440-66-6	Zinc	918.00			P
	Cyanide	1320.00		N	CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: GREEN Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP38

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB01

Matrix (soil/water): SOIL

Lab Sample ID: 95119339

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	875.00	-	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	20.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	18.70			P
7440-70-2	Calcium	855.00	B	E	P
7440-47-3	Chromium	431.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	79.70			P
7439-89-6	Iron	3570.00		E	P
7439-92-1	Lead	113.00			P
7439-95-4	Magnesium	48.20	B		P
7439-96-5	Manganese	7.60	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	70.10			P
7440-09-7	Potassium	184.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.50	B	E	P
7440-23-5	Sodium	1910.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	487.00			P
	Cyanide	188.00		N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP39

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119340  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3880.00	-	E	P
7440-36-0	Antimony	6.70	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	126.00	B		P
7440-41-7	Beryllium	0.58	B		P
7440-43-9	Cadmium	6.50			P
7440-70-2	Calcium	1190.00	B	E	P
7440-47-3	Chromium	108.00		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	31.80			P
7439-89-6	Iron	1410.00		E	P
7439-92-1	Lead	130.00			P
7439-95-4	Magnesium	391.00	B		P
7439-96-5	Manganese	8.40	B	E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	15.40	B		P
7440-09-7	Potassium	256.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.60	B	E	P
7440-23-5	Sodium	1780.00	B	E	P
7440-28-0	Thallium	178.00			P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	132.00			P
	Cyanide	208.00		N	CA

Color Before: COLORLESS Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP40

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119341  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	128.00	B	E	P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	6.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	5.50			P
7440-70-2	Calcium	1650.00	B	E	P
7440-47-3	Chromium	17.40		E	P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	16.40	B		P
7439-89-6	Iron	638.00		E	P
7439-92-1	Lead	56.00			P
7439-95-4	Magnesium	360.00	B		P
7439-96-5	Manganese	7.10	B	E	P
7439-97-6	Mercury	0.50		N	CV
7440-02-0	Nickel	6.80	B		P
7440-09-7	Potassium	306.00	B	E	P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	34.70		E	P
7440-23-5	Sodium	1740.00	B	E	P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	6.30	B		P
7440-66-6	Zinc	3.00	U		P
	Cyanide	189.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

GAUZE2

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UFPB01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119343  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	320.00	B		P
7440-47-3	Chromium	1.30	U		P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2.40	U		P
7439-89-6	Iron	29.30	B		P
7439-92-1	Lead	1.90	U		P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	0.99	B		P
7439-97-6	Mercury				NR
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1880.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	8.30	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

**PAINT CHIP SAMPLES**

SDG No. UPFB05



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFB05

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
 Matrix (soil/water): WATER Lab Sample ID: 95121521  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	2.40	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC1

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05

Matrix (soil/water): SOIL Lab Sample ID: 95121501

Level (low/med): LOW Date Received: 05/27/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	145.00	-	EN	P

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC10

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121510  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	314.00	-	EN	P

Color Before: GREY Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC11
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Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05

Matrix (soil/water): SOIL Lab Sample ID: 95121511

Level (low/med): LOW Date Received: 05/27/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	223.00	-	EN	P

Color Before: YELLOW Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC12

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFB05  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121512  
 Level (low/med): LOW                      Date Received: 05/27/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	478.00	-	EN	P

Color Before: GREEN                      Clarity Before:                      Texture: COARSE  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC13

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121513  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	585.00	-	EN	P

Color Before: GREY Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

JPPC14

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05

Matrix (soil/water): SOIL Lab Sample ID: 95121514

Level (low/med): LOW Date Received: 05/27/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	94.50	-	EN	P

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC15

Lab Name: Energy & Environ. Engr. Contract:  
Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
Matrix (soil/water): SOIL Lab Sample ID: 95121515  
Level (low/med): LOW Date Received: 05/27/95  
% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	61.20	-	EN	P

Color Before: GREY Clarity Before: Texture: COARSE  
Color After: COLORLESS Clarity After: Artifacts:  
Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC16

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFB05

Matrix (soil/water): SOIL

Lab Sample ID: 95121516

Level (low/med): LOW

Date Received: 05/27/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	44000.00	-	EN	P

Color Before: RED

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC17

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05

Matrix (soil/water): SOIL Lab Sample ID: 95121517

Level (low/med): LOW Date Received: 05/27/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	348.00	-	EN	P

Color Before: GREY Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC18

Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05   
 Matrix (soil/water): SOIL Lab Sample ID: 95121518   
 Level (low/med): LOW Date Received: 05/27/95   
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6900.00	-	EN	P

Color Before: BLACK Clarity Before: Texture: COARSE   
 Color After: YELLOW Clarity After: Artifacts:   
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC19
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Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFB05  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121519  
 Level (low/med): LOW                      Date Received: 05/27/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1230.00	-	EN	P

Color Before: YELLOW                      Clarity Before:                      Texture: COARSE  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC2
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Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I      Case No:      SAS No.:      SDG No.: UPFB05  
 Matrix (soil/water): SOIL      Lab Sample ID: 95121502  
 Level (low/med): LOW      Date Received: 05/27/95  
 % Solids      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	149000.00	-	EN	P

Color Before: RED      Clarity Before:      Texture: COARSE  
 Color After: YELLOW      Clarity After:      Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC20

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121520  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	55900.00	-	EN	P

Color Before: BLACK Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

JPPC3

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFB05  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121503  
 Level (low/med): LOW                      Date Received: 05/27/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	263.00	-	EN	P

Color Before: BROWN                      Clarity Before:                      Texture: COARSE  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC4
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Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121504  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1580.00	-	EN	P

Color Before: GREY Clarity Before: \_\_\_\_\_ Texture: COARSE  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC5

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I      Case No:      SAS No.:      SDG No.: UPFB05  
 Matrix (soil/water): SOIL      Lab Sample ID: 95121505  
 Level (low/med): LOW      Date Received: 05/27/95  
 % Solids      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	54.80	-	EN	P

Color Before: WHITE      Clarity Before:      Texture: COARSE  
 Color After: YELLOW      Clarity After:      Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC6
-------

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121506  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	7230.00	-	EN	P

Color Before: BLUE Clarity Before: \_\_\_\_\_ Texture: COARSE  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC7

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFB05  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121507  
 Level (low/med): LOW                      Date Received: 05/27/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	107.00		EN	P

Color Before: GREY                      Clarity Before:                      Texture: COARSE  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC8

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121508  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	119.00	-	EN	P

Color Before: GREEN Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPPC9

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFB05  
 Matrix (soil/water): SOIL Lab Sample ID: 95121509  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	117000.00		EN	P

Color Before: GREEN Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

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**WOOD CHIP SAMPLES**

SDG No. UPWC01



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWFB2

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No.: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): WATER Lab Sample ID: 95119707  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17.00	B		P
7440-36-0	Antimony	6.40	U		P
7440-38-2	Arsenic	4.30	U		P
7440-39-3	Barium	14.00	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.30	U		P
7440-70-2	Calcium	31.20	U		P
7440-47-3	Chromium	2.80	B		P
7440-48-4	Cobalt	6.50	U		P
7440-50-8	Copper	3.00	U		P
7439-89-6	Iron	26.60	B		P
7439-92-1	Lead	54.70	U		P
7439-95-4	Magnesium	46.70	U		P
7439-96-5	Manganese	0.50	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.80	U		P
7440-09-7	Potassium	119.00	U		P
7782-49-2	Selenium	2.90	U		P
7440-22-4	Silver	1.70	U		P
7440-23-5	Sodium	179.00	B		P
7440-28-0	Thallium	5.80	U		P
7440-62-2	Vanadium	2.50	U		P
7440-66-6	Zinc	74.30	U		P
	Cyanide	<del>*****</del>	U		CA
		<i>Can 10.00</i>			

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC01

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWC01

Matrix (soil/water): SOIL

Lab Sample ID: 95119201

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	750.00	-		P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	2.10			P
7440-39-3	Barium	11.10	B		P
7440-41-7	Beryllium	0.55	B		P
7440-43-9	Cadmium	0.74	B		P
7440-70-2	Calcium	30500.00			P
7440-47-3	Chromium	16.90		N	P
7440-48-4	Cobalt	1.20	U		P
7440-50-8	Copper	16.30			P
7439-89-6	Iron	218.00		E	P
7439-92-1	Lead	31.40		EN	P
7439-95-4	Magnesium	6560.00		E	P
7439-96-5	Manganese	228.00		N	P
7439-97-6	Mercury	0.32		N	CV
7440-02-0	Nickel	25.00			P
7440-09-7	Potassium	1150.00		E	P
7782-49-2	Selenium	0.55	U		P
7440-22-4	Silver	0.85	B		P
7440-23-5	Sodium	2590.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	1.80	B		P
7440-66-6	Zinc	65.70		E	P
	Cyanide	1.40			CA

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC02

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119202  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6440.00			P
7440-36-0	Antimony	1.10	U	N	P
7440-38-2	Arsenic	3.70			P
7440-39-3	Barium	11.10	B		P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	0.23	U		P
7440-70-2	Calcium	40800.00			P
7440-47-3	Chromium	5.70		N	P
7440-48-4	Cobalt	1.10	U		P
7440-50-8	Copper	4.70			P
7439-89-6	Iron	177.00		E	P
7439-92-1	Lead	12.70		EN	P
7439-95-4	Magnesium	17800.00		E	P
7439-96-5	Manganese	93.30		N	P
7439-97-6	Mercury	3.00		N	CV
7440-02-0	Nickel	1.00	B		P
7440-09-7	Potassium	2390.00		E	P
7782-49-2	Selenium	0.94			P
7440-22-4	Silver	0.48	B		P
7440-23-5	Sodium	6810.00		E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	5.70	B		P
7440-66-6	Zinc	14.80		E	P
	Cyanide	3.30			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC03

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119203  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3000.00	-		P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	2.00			P
7440-39-3	Barium	14.10	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.26	B		P
7440-70-2	Calcium	78300.00			P
7440-47-3	Chromium	9.00		N	P
7440-48-4	Cobalt	1.30	U		P
7440-50-8	Copper	5.60			P
7439-89-6	Iron	211.00		E	P
7439-92-1	Lead	8.70		EN	P
7439-95-4	Magnesium	40600.00		E	P
7439-96-5	Manganese	133.00		N	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	976.00		E	P
7782-49-2	Selenium	0.56	U		P
7440-22-4	Silver	0.33	U		P
7440-23-5	Sodium	8030.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	3.10	B		P
7440-66-6	Zinc	18.00		E	P
	Cyanide	5.40			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC04

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119204  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1130.00	-		P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	1.70	B		P
7440-39-3	Barium	5.50	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.25	U		P
7440-70-2	Calcium	720.00	B		P
7440-47-3	Chromium	1.10	B	N	P
7440-48-4	Cobalt	1.20	U		P
7440-50-8	Copper	3.70	B		P
7439-89-6	Iron	45.50		E	P
7439-92-1	Lead	3.80		EN	P
7439-95-4	Magnesium	201.00	B	E	P
7439-96-5	Manganese	127.00		N	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	20.40			P
7440-09-7	Potassium	904.00	B	E	P
7782-49-2	Selenium	0.70	B		P
7440-22-4	Silver	1.10	B		P
7440-23-5	Sodium	5240.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	1.30	B		P
7440-66-6	Zinc	0.72	U	E	P
	Cyanide	6.10			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC05

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119205  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4650.00			P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	0.78	U		P
7440-39-3	Barium	19.50	B		P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	0.30	B		P
7440-70-2	Calcium	487.00	B		P
7440-47-3	Chromium	3.60		N	P
7440-48-4	Cobalt	1.20	U		P
7440-50-8	Copper	4.10	B		P
7439-89-6	Iron	173.00		E	P
7439-92-1	Lead	2.70		EN	P
7439-95-4	Magnesium	208.00	B	E	P
7439-96-5	Manganese	116.00		N	P
7439-97-6	Mercury	0.09	U	N	CV
7440-02-0	Nickel	2.60	B		P
7440-09-7	Potassium	688.00	B	E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	0.31	U		P
7440-23-5	Sodium	6420.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	4.00	B		P
7440-66-6	Zinc	0.69	U	E	P
	Cyanide	8.50			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC06

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWC01

Matrix (soil/water): SOIL

Lab Sample ID: 95119206

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2910.00	-		P
7440-36-0	Antimony	1.30	U	N	P
7440-38-2	Arsenic	1.00	B		P
7440-39-3	Barium	21.80	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	4.70			P
7440-70-2	Calcium	16600.00			P
7440-47-3	Chromium	30.30		N	P
7440-48-4	Cobalt	1.30	U		P
7440-50-8	Copper	23.90			P
7439-89-6	Iron	289.00		E	P
7439-92-1	Lead	79.90		EN	P
7439-95-4	Magnesium	4330.00		E	P
7439-96-5	Manganese	266.00		N	P
7439-97-6	Mercury	6.50		N	CV
7440-02-0	Nickel	14.70			P
7440-09-7	Potassium	535.00	B	E	P
7782-49-2	Selenium	0.57	U		P
7440-22-4	Silver	1.30	B		P
7440-23-5	Sodium	1430.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	3.70	B		P
7440-66-6	Zinc	146.00		E	P
	Cyanide	7.00			CA

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

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NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC07

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01

Matrix (soil/water): SOIL Lab Sample ID: 95119207

Level (low/med): LOW Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1940.00	-		P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	1.20	B		P
7440-39-3	Barium	13.90	B		P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	0.30	B		P
7440-70-2	Caicium	8830.00			P
7440-47-3	Chromium	6.00		N	P
7440-48-4	Cobalt	1.20	U		P
7440-50-8	Copper	3.80	B		P
7439-89-6	Iron	130.00		E	P
7439-92-1	Lead	83.20		EN	P
7439-95-4	Magnesium	1790.00		E	P
7439-96-5	Manganese	71.80		N	P
7439-97-6	Mercury	4.80		N	CV
7440-02-0	Nickel	1.80	B		P
7440-09-7	Potassium	1030.00		E	P
7782-49-2	Selenium	0.85	B		P
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	2880.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	2.10	B		P
7440-66-6	Zinc	18.60		E	P
	Cyanide	8.40			CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC08

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119208  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4080.00			P
7440-36-0	Antimony	1.10	U	N	P
7440-38-2	Arsenic	0.93	B		P
7440-39-3	Barium	6.50	B		P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	0.86	B		P
7440-70-2	Calcium	15900.00			P
7440-47-3	Chromium	15.60		N	P
7440-48-4	Cobalt	1.10	U		P
7440-50-8	Copper	9.20			P
7439-89-6	Iron	205.00		E	P
7439-92-1	Lead	9.40		EN	P
7439-95-4	Magnesium	7710.00		E	P
7439-96-5	Manganese	65.80		N	P
7439-97-6	Mercury	2.20		N	CV
7440-02-0	Nickel	2.50	B		P
7440-09-7	Potassium	1310.00		E	P
7782-49-2	Selenium	0.51	U		P
7440-22-4	Silver	0.73	B		P
7440-23-5	Sodium	5630.00		E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	4.10	B		P
7440-66-6	Zinc	22.70		E	P
	Cyanide	7.00			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC09

Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01   
 Matrix (soil/water): SOIL Lab Sample ID: 95119209   
 Level (low/med): LOW Date Received: 05/24/95   
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3460.00	-		P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	3.60			P
7440-39-3	Barium	7.80	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.25	U		P
7440-70-2	Calcium	18000.00			P
7440-47-3	Chromium	3.40		N	P
7440-48-4	Cobalt	1.30	U		P
7440-50-8	Copper	3.90	B		P
7439-89-6	Iron	138.00		E	P
7439-92-1	Lead	0.77		EN	P
7439-95-4	Magnesium	4170.00		E	P
7439-96-5	Manganese	65.40		N	P
7439-97-6	Mercury	0.12		N	CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	1550.00		E	P
7782-49-2	Selenium	0.91	B		P
7440-22-4	Silver	0.33	U		P
7440-23-5	Sodium	7220.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	4.20	B		P
7440-66-6	Zinc	15.40		E	P
	Cyanide	7.60			CA

Color Before: BROWN Clarity Before: Texture: COARSE   
 Color After: COLORLESS Clarity After: Artifacts:   
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC10

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWC01

Matrix (soil/water): SOIL

Lab Sample ID: 95119210

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2500.00	-		P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	1.90	B		P
7440-39-3	Barium	9.00	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.25	U		P
7440-70-2	Calcium	25100.00			P
7440-47-3	Chromium	4.30		N	P
7440-48-4	Cobalt	1.20	U		P
7440-50-8	Copper	2.80	B		P
7439-89-6	Iron	109.00		E	P
7439-92-1	Lead	4.20		EN	P
7439-95-4	Magnesium	9620.00		E	P
7439-96-5	Manganese	124.00		N	P
7439-97-6	Mercury	0.77		N	CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	1400.00		E	P
7782-49-2	Selenium	0.55	U		P
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	7220.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	2.70	B		P
7440-66-6	Zinc	17.50		E	P
	Cyanide	6.10			CA

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

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NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC11

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119701  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	51.10			P
7440-36-0	Antimony	7.20	B	N	P
7440-38-2	Arsenic	19.50			P
7440-39-3	Barium	5280.00			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	26.40			P
7440-70-2	Calcium	1900.00			P
7440-47-3	Chromium	27.00		N	P
7440-48-4	Cobalt	1.40	B		P
7440-50-8	Copper	3.10	B		P
7439-89-6	Iron	473.00		E	P
7439-92-1	Lead	7460.00		EN	P
7439-95-4	Magnesium	367.00	B	E	P
7439-96-5	Manganese	312.00		N	P
7439-97-6	Mercury	0.10	U	N	CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	463.00	B	E	P
7782-49-2	Selenium	0.89	B		P
7440-22-4	Silver	0.79	B		P
7440-23-5	Sodium	68.10	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	0.49	U		P
7440-66-6	Zinc	7610.00		E	P
	Cyanide	6.20			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC12

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119702  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	33.50	B		P
7440-36-0	Antimony	4.30	B	N	P
7440-38-2	Arsenic	7.60			P
7440-39-3	Barium	3100.00			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	13.20			P
7440-70-2	Calcium	1120.00			P
7440-47-3	Chromium	41.80		N	P
7440-48-4	Cobalt	1.30	U		P
7440-50-8	Copper	3.10	B		P
7439-89-6	Iron	341.00		E	P
7439-92-1	Lead	6790.00		EN	P
7439-95-4	Magnesium	213.00	B	E	P
7439-96-5	Manganese	99.10		N	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	184.00	B	E	P
7782-49-2	Selenium	0.94	B		P
7440-22-4	Silver	0.60	B		P
7440-23-5	Sodium	83.40	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	0.49	U		P
7440-66-6	Zinc	4170.00		E	P
	Cyanide	14.70			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC13

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119703  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2210.00			P
7440-36-0	Antimony	9.60	B	N	P
7440-38-2	Arsenic	13.50			P
7440-39-3	Barium	5950.00			P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	21.20			P
7440-70-2	Calcium	1880.00			P
7440-47-3	Chromium	125.00		N	P
7440-48-4	Cobalt	2.70	B		P
7440-50-8	Copper	11.60			P
7439-89-6	Iron	546.00		E	P
7439-92-1	Lead	16000.00		EN	P
7439-95-4	Magnesium	306.00	B	E	P
7439-96-5	Manganese	135.00		N	P
7439-97-6	Mercury	0.11		N	CV
7440-02-0	Nickel	1.30	B		P
7440-09-7	Potassium	358.00	B	E	P
7782-49-2	Selenium	1.60			P
7440-22-4	Silver	1.20	B		P
7440-23-5	Sodium	567.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	0.90	B		P
7440-66-6	Zinc	13600.00		E	P
	Cyanide	0.50	U		CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC14

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119704  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	367.00			P
7440-36-0	Antimony	23.80		N	P
7440-38-2	Arsenic	38.30			P
7440-39-3	Barium	6620.00			P
7440-41-7	Beryllium	0.21	B		P
7440-43-9	Cadmium	55.80			P
7440-70-2	Calcium	2620.00			P
7440-47-3	Chromium	314.00		N	P
7440-48-4	Cobalt	2.20	B		P
7440-50-8	Copper	8.20			P
7439-89-6	Iron	2000.00		E	P
7439-92-1	Lead	36800.00		EN	P
7439-95-4	Magnesium	1410.00		E	P
7439-96-5	Manganese	261.00		N	P
7439-97-6	Mercury	0.37		N	CV
7440-02-0	Nickel	1.40	B		P
7440-09-7	Potassium	755.00	B	E	P
7782-49-2	Selenium	1.30			P
7440-22-4	Silver	2.10			P
7440-23-5	Sodium	925.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	1.20	B		P
7440-66-6	Zinc	30300.00		E	P
	Cyanide	0.49	U		CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC15

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95119705  
 Level (low/med): LOW Date Received: 05/24/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	59.60	-		P
7440-36-0	Antimony	6.60	B	N	P
7440-38-2	Arsenic	22.50			P
7440-39-3	Barium	5860.00			P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	32.20			P
7440-70-2	Calcium	1490.00			P
7440-47-3	Chromium	24.00		N	P
7440-48-4	Cobalt	4.40	B		P
7440-50-8	Copper	5.70			P
7439-89-6	Iron	592.00		E	P
7439-92-1	Lead	7390.00		EN	P
7439-95-4	Magnesium	291.00	B	E	P
7439-96-5	Manganese	212.00		N	P
7439-97-6	Mercury	0.09	U	N	CV
7440-02-0	Nickel	10.10			P
7440-09-7	Potassium	428.00	B	E	P
7782-49-2	Selenium	2.20			P
7440-22-4	Silver	1.20	B		P
7440-23-5	Sodium	647.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	0.47	B		P
7440-66-6	Zinc	7420.00		E	P
	Cyanide	0.49	U		CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: COLRLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC16

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWC01

Matrix (soil/water): SOIL

Lab Sample ID: 95119706

Level (low/med): LOW

Date Received: 05/24/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	589.00			P
7440-36-0	Antimony	32.70		N	P
7440-38-2	Arsenic	78.90			P
7440-39-3	Barium	3400.00			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	110.00			P
7440-70-2	Calcium	2450.00			P
7440-47-3	Chromium	309.00		N	P
7440-48-4	Cobalt	3.80	B		P
7440-50-8	Copper	10.70			P
7439-89-6	Iron	2130.00		E	P
7439-92-1	Lead	41600.00		EN	P
7439-95-4	Magnesium	466.00	B	E	P
7439-96-5	Manganese	402.00		N	P
7439-97-6	Mercury	0.36		N	CV
7440-02-0	Nickel	2.00	B		P
7440-09-7	Potassium	783.00	B	E	P
7782-49-2	Selenium	1.80			P
7440-22-4	Silver	4.80			P
7440-23-5	Sodium	208.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	1.60	B		P
7440-66-6	Zinc	43500.00		E	P
	Cyanide	0.46	U		CA

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

FORM I - IN

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC01

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95119201  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	54.80	B	N	P
7440-39-3	Barium	464.00	B		P
7440-43-9	Cadmium	54.90			P
7440-47-3	Chromium	1220.00			P
7439-92-1	Lead	889.00			P
7439-97-6	Mercury	0.55			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: BROWN Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC02

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95119202  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	57.50	B	N	P
7440-39-3	Barium	414.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	105.00			P
7439-92-1	Lead	57.10			P
7439-97-6	Mercury	1.40			CV
7782-49-2	Selenium	38.90	B		P
7440-22-4	Silver	17.00	U		P

Color Before: BROWN Clarity Before: CLOUDY Texture:  
 Color After: BROWN Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC06

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPWC01  
 Matrix (soil/water): TCLP                      Lab Sample ID: 95119206  
 Level (low/med): LOW                      Date Received: 05/25/95  
 % Solids                      0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	517.00	B		P
7440-43-9	Cadmium	27.00	B		P
7440-47-3	Chromium	209.00			P
7439-92-1	Lead	573.00			P
7439-97-6	Mercury	4.70			CV
7782-49-2	Selenium	29.90	B		P
7440-22-4	Silver	17.00	U		P

Color Before: BROWN                      Clarity Before: CLOUDY                      Texture:  
 Color After: BROWN                      Clarity After: CLEAR                      Artifacts:  
 Comments:

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NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC08

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWC01

Matrix (soil/water): TCLP

Lab Sample ID: 95119208

Level (low/med): LOW

Date Received: 05/25/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	444.00	B		P
7440-43-9	Cadmium	14.60	B		P
7440-47-3	Chromium	285.00			P
7439-92-1	Lead	128.00			P
7439-97-6	Mercury	2.00			CV
7782-49-2	Selenium	41.50	B		P
7440-22-4	Silver	17.00	U		P

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC09

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95119209  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	322.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	45.90	B		P
7439-92-1	Lead	31.50			P
7439-97-6	Mercury	0.64			CV
7782-49-2	Selenium	29.50	B		P
7440-22-4	Silver	17.00	U		P

Color Before: ORANGE Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC11

Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01   
 Matrix (soil/water): TCLP Lab Sample ID: 95119701   
 Level (low/med): LOW Date Received: 05/25/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	142.00	-	N	P
7440-39-3	Barium	696.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	16.00	U		P
7439-92-1	Lead	293.00			P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	484.00			P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLOUDY Texture:   
 Color After: YELLOW Clarity After: CLEAR Artifacts:   
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC13
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Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPWC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95119703  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	62.60	B	N	P
7440-39-3	Barium	349.00	B		P
7440-43-9	Cadmium	444.00			P
7440-47-3	Chromium	101.00			P
7439-92-1	Lead	125000.00			P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	2250.00			P
7440-22-4	Silver	55.20	B		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWC14

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95119704  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	71.10	B	N	P
7440-39-3	Barium	444.00	B		P
7440-43-9	Cadmium	555.00			P
7440-47-3	Chromium	198.00			P
7439-92-1	Lead	97200.00			P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: ORANGE Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

**WIPE SAMPLES**

SDG No. UPWP41

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method #	*BNA GC/MS Method #	*VOA GC Method #	*Pest PCBs Method #	*Metals TAL + CN	*Other
JPWP41	95119801						
42	02						
43	03						
44	04						
45	05						
46	06						
47	07						
48	08						
49	09						
50	10						
51	11						
52	12						
53	13						
54	14						
55	15						
56	16						
57	17						
58	18						
59	19						
60	20						
61	21						
62	22						
63	23						
64	24						
65	25						
66	26						
67	27						
68	28						
69	29						
70	30						
71	31						
72	32						
73	33						



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

GAUZE1

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41

Matrix (soil/water): SOIL Lab Sample ID: 95119845

Level (low/med): LOW Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17.10	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	0.40	U		P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	524.00	B		P
7440-47-3	Chromium	1.30	U		P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2.40	U		P
7439-89-6	Iron	11.20	U	E	P
7439-92-1	Lead	1.90	U	N	P
7439-95-4	Magnesium	179.00	B		P
7439-96-5	Manganese	2.40	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	3.20	B		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2510.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	3.00	U		P
	Cyanide	2.00	U	N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

GAUZE2

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119846  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	42.80	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	365.00	B		P
7440-47-3	Chromium	1.30	U		P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2.40	U		P
7439-89-6	Iron	16.00	B	E	P
7439-92-1	Lead	2.50		N	P
7439-95-4	Magnesium	37.40	U		P
7439-96-5	Manganese	1.50	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2330.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	3.00	U		P
	Cyanide	2.00	U	N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP41

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119801

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	246.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	1290.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.80	B		P
7440-70-2	Calcium	2680.00	B		P
7440-47-3	Chromium	13.80			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	5.90	B		P
7439-89-6	Iron	547.00		E	P
7439-92-1	Lead	30.10		N	P
7439-95-4	Magnesium	197.00	B		P
7439-96-5	Manganese	7.50	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	185.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1570.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	599.00			P
	Cyanide	3.40		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP42

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119802  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	259.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	16.60	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	888.00			P
7440-70-2	Calcium	3400.00	B		P
7440-47-3	Chromium	156.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	473.00			P
7439-89-6	Iron	2950.00		E	P
7439-92-1	Lead	66.50		N	P
7439-95-4	Magnesium	575.00	B		P
7439-96-5	Manganese	48.00			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	960.00			P
7440-09-7	Potassium	335.00	B		P
7782-49-2	Selenium	3.60	B		P
7440-22-4	Silver	2.20	B		P
7440-23-5	Sodium	2620.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	21600.00			P
	Cyanide	825.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP43

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119803  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1660.00	-		P
7440-36-0	Antimony	37.50	B	N	P
7440-38-2	Arsenic	20.00			P
7440-39-3	Barium	2500.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	60.60			P
7440-70-2	Calcium	20300.00			P
7440-47-3	Chromium	1380.00			P
7440-48-4	Cobalt	123.00			P
7440-50-8	Copper	499.00			P
7439-89-6	Iron	5240.00		E	P
7439-92-1	Lead	8450.00		N	P
7439-95-4	Magnesium	2210.00	B		P
7439-96-5	Manganese	149.00			P
7439-97-6	Mercury	0.62			CV
7440-02-0	Nickel	163.00			P
7440-09-7	Potassium	943.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	17.40			P
7440-23-5	Sodium	3280.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	14.10	B		P
7440-66-6	Zinc	11300.00			P
	Cyanide	33.60		N	CA

Color Before: BLACK Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP44

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119804

Level (low/med): LOW

Date Received: 05/25/95

% Solids

100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	561.00	-		P
7440-36-0	Antimony	14.60	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	54.90	B		P
7440-41-7	Beryllium	0.49	B		P
7440-43-9	Cadmium	10.70			P
7440-70-2	Calcium	2250.00	B		P
7440-47-3	Chromium	157.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	45.80			P
7439-89-6	Iron	9600.00		E	P
7439-92-1	Lead	254.00		N	P
7439-95-4	Magnesium	262.00	B		P
7439-96-5	Manganese	62.10			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	50.70			P
7440-09-7	Potassium	162.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	2.40	B		P
7440-23-5	Sodium	2140.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	3.70	B		P
7440-66-6	Zinc	230.00			P
	Cyanide	25.00		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP45

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No.: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119805  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1670.00			P
7440-36-0	Antimony	838.00		N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	56.90	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	155.00			P
7440-70-2	Calcium	3140.00	B		P
7440-47-3	Chromium	1630.00			P
7440-48-4	Cobalt	223.00			P
7440-50-8	Copper	777.00			P
7439-89-6	Iron	201000.00		E	P
7439-92-1	Lead	3240.00		N	P
7439-95-4	Magnesium	1700.00	B		P
7439-96-5	Manganese	508.00			P
7439-97-6	Mercury	0.55			CV
7440-02-0	Nickel	248.00			P
7440-09-7	Potassium	824.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	8.30			P
7440-23-5	Sodium	1590.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	16.60	B		P
7440-66-6	Zinc	10200.00			P
	Cyanide	5.40		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP46

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119806

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	237.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	104.00	B		P
7440-41-7	Beryllium	1.20	B		P
7440-43-9	Cadmium	11500.00			P
7440-70-2	Calcium	20900.00			P
7440-47-3	Chromium	110.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	26.80			P
7439-89-6	Iron	2120.00		E	P
7439-92-1	Lead	79.80		N	P
7439-95-4	Magnesium	415.00	B		P
7439-96-5	Manganese	59.90			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	44.40			P
7440-09-7	Potassium	118.00	B		P
7782-49-2	Selenium	2.50	B		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	4870.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	133.00			P
	Cyanide	374.00		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP47

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119807

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15700.00			P
7440-36-0	Antimony	196.00		N	P
7440-38-2	Arsenic	57.20			P
7440-39-3	Barium	36.10	B		P
7440-41-7	Beryllium	1.10	B		P
7440-43-9	Cadmium	103.00			P
7440-70-2	Calcium	28600.00			P
7440-47-3	Chromium	62300.00			P
7440-48-4	Cobalt	21.00	B		P
7440-50-8	Copper	1800.00			P
7439-89-6	Iron	136000.00		E	P
7439-92-1	Lead	31800.00		N	P
7439-95-4	Magnesium	8630.00			P
7439-96-5	Manganese	1090.00			P
7439-97-6	Mercury	0.58			CV
7440-02-0	Nickel	174.00			P
7440-09-7	Potassium	4650.00			P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	16.90			P
7440-23-5	Sodium	43400.00			P
7440-28-0	Thallium	9.70			P
7440-62-2	Vanadium	43.00			P
7440-66-6	Zinc	3370.00			P
	Cyanide	95.40		N	CA

Color Before: GREEN

Clarity Before:

Texture:

Color After: GREEN

Clarity After:

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP48

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119808  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	53.00	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	6.80			P
7440-70-2	Calcium	452.00	B		P
7440-47-3	Chromium	44.20			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	19.50	B		P
7439-89-6	Iron	56.90	B	E	P
7439-92-1	Lead	19.00		N	P
7439-95-4	Magnesium	177.00	B		P
7439-96-5	Manganese	2.50	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1380.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	12.20	B		P
	Cyanide	2.00	U	N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP49

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119809  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	67.40	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	6.90	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.80	B		P
7440-70-2	Calcium	543.00	B		P
7440-47-3	Chromium	9.30			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	3.50	B		P
7439-89-6	Iron	11.20	U	E	P
7439-92-1	Lead	5.90		N	P
7439-95-4	Magnesium	196.00	B		P
7439-96-5	Manganese	3.10	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.80	B		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2200.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	17.00			P
	Cyanide	2.00	U	N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP50

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119810

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	120.00	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	11.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	1370.00	B		P
7440-47-3	Chromium	22.50			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	7.40	B		P
7439-89-6	Iron	11.20	U	E	P
7439-92-1	Lead	9.90		N	P
7439-95-4	Magnesium	251.00	B		P
7439-96-5	Manganese	4.10	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	7.30	B		P
7440-09-7	Potassium	152.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2500.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	37.90			P
	Cyanide	13.70		N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP51

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119811  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10400.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	5.00	B		P
7440-39-3	Barium	2.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.10	B		P
7440-70-2	Calcium	637.00	B		P
7440-47-3	Chromium	24.90			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	14.30	B		P
7439-89-6	Iron	11.20	U	E	P
7439-92-1	Lead	17.80		N	P
7439-95-4	Magnesium	191.00	B		P
7439-96-5	Manganese	6.30	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	188.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	15100.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	41.50			P
	Cyanide	8.60		N	CA

Color Before: COLORLESS Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: COLORLESS Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP52

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119812

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1940.00			P
7440-36-0	Antimony	99.10		N	P
7440-38-2	Arsenic	48.90			P
7440-39-3	Barium	21.80	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	12.60			P
7440-70-2	Calcium	20200.00			P
7440-47-3	Chromium	99.70			P
7440-48-4	Cobalt	11.40	B		P
7440-50-8	Copper	639.00			P
7439-89-6	Iron	391000.00		E	P
7439-92-1	Lead	414.00		N	P
7439-95-4	Magnesium	5350.00			P
7439-96-5	Manganese	470.00			P
7439-97-6	Mercury	0.24			CV
7440-02-0	Nickel	63.30			P
7440-09-7	Potassium	594.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	411.00			P
7440-23-5	Sodium	12700.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	14.30	B		P
7440-66-6	Zinc	53.50			P
	Cyanide	17.40		N	CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP53

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119813  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	262.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	4.60	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.00	B		P
7440-70-2	Calcium	714.00	B		P
7440-47-3	Chromium	53.50			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	23.50			P
7439-89-6	Iron	13500.00		E	P
7439-92-1	Lead	312.00		N	P
7439-95-4	Magnesium	224.00	B		P
7439-96-5	Manganese	24.80			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	99.50	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	2.10	B		P
7440-23-5	Sodium	2200.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	21.20			P
	Cyanide	2.80		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP54

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119814

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	206.00			P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	4.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.50	B		P
7440-70-2	Calcium	2470.00	B		P
7440-47-3	Chromium	20.70			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	55.70			P
7439-89-6	Iron	198.00		E	P
7439-92-1	Lead	13.00		N	P
7439-95-4	Magnesium	350.00	B		P
7439-96-5	Manganese	3.60	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	97.20	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1770.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	23.20			P
	Cyanide	2.90		N	CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP55

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119815

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5680.00			P
7440-36-0	Antimony	16.60	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	240.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	55.30			P
7440-70-2	Calcium	25400.00			P
7440-47-3	Chromium	919.00			P
7440-48-4	Cobalt	16.40	B		P
7440-50-8	Copper	3260.00			P
7439-89-6	Iron	22000.00		E	P
7439-92-1	Lead	676.00		N	P
7439-95-4	Magnesium	2760.00	B		P
7439-96-5	Manganese	160.00			P
7439-97-6	Mercury	0.44			CV
7440-02-0	Nickel	143.00			P
7440-09-7	Potassium	1010.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	20.50			P
7440-23-5	Sodium	4840.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	21.60	B		P
7440-66-6	Zinc	1870.00			P
	Cyanide	25.70		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP56

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119816  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	125.00	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	5.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	B		P
7440-70-2	Calcium	4480.00			P
7440-47-3	Chromium	19.80			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	12.70	B		P
7439-89-6	Iron	224.00		E	P
7439-92-1	Lead	18.10		N	P
7439-95-4	Magnesium	505.00	B		P
7439-96-5	Manganese	4.20	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	5.30	B		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1170.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	14.00	B		P
	Cyanide	2.10		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP57

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119817  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	328.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	56.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	6050.00			P
7440-47-3	Chromium	21.80			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	3.70	B		P
7439-89-6	Iron	483.00		E	P
7439-92-1	Lead	29.00		N	P
7439-95-4	Magnesium	3550.00	B		P
7439-96-5	Manganese	5.00	B		P
7439-97-6	Mercury	0.14			CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	943.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	3010.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	7.10	B		P
7440-66-6	Zinc	9.10	B		P
	Cyanide	2.00	U	N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP58

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119818  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1790.00			P
7440-36-0	Antimony	188.00		N	P
7440-38-2	Arsenic	22.30			P
7440-39-3	Barium	134.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	23.30			P
7440-70-2	Calcium	115000.00			P
7440-47-3	Chromium	1920.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	24.70			P
7439-89-6	Iron	4830.00		E	P
7439-92-1	Lead	8520.00		N	P
7439-95-4	Magnesium	3720.00	B		P
7439-96-5	Manganese	106.00			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	7.40	B		P
7440-09-7	Potassium	1020.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	4.50	B		P
7440-23-5	Sodium	2800.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	58.70			P
7440-66-6	Zinc	253.00			P
	Cyanide	105.00		N	CA

Color Before: GREEN Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP59

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119819

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	129.00	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	9.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Caicium	7670.00			P
7440-47-3	Chromium	15.90			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	3.50	B		P
7439-89-6	Iron	164.00		E	P
7439-92-1	Lead	32.30		N	P
7439-95-4	Magnesium	1260.00	B		P
7439-96-5	Manganese	5.20	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1520.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	3.00	B		P
7440-66-6	Zinc	9.90	B		P
	Cyanide	2.20		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP60

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119820

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1250.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	52.60	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.30	B		P
7440-70-2	Calcium	108000.00			P
7440-47-3	Chromium	27.70			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	24.90			P
7439-89-6	Iron	5780.00		E	P
7439-92-1	Lead	88.00		N	P
7439-95-4	Magnesium	4660.00			P
7439-96-5	Manganese	84.90			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	6.50	B		P
7440-09-7	Potassium	423.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1600.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	3.10	B		P
7440-66-6	Zinc	107.00			P
	Cyanide	4.30		N	CA

Color Before: RED

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP61

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119821  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	846.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	9.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	9.20			P
7440-70-2	Calcium	1120.00	B		P
7440-47-3	Chromium	72.90			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	56.40			P
7439-89-6	Iron	53400.00		E	P
7439-92-1	Lead	78.20		N	P
7439-95-4	Magnesium	405.00	B		P
7439-96-5	Manganese	186.00			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	17.00	B		P
7440-09-7	Potassium	166.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2090.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	53.40			P
	Cyanide	2.60		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP62

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119822

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.30	U		P
7440-36-0	Antimony	12.30	B	N	P
7440-38-2	Arsenic	38.10			P
7440-39-3	Barium	36.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	33.10			P
7440-70-2	Calcium	3750.00	B		P
7440-47-3	Chromium	2760.00			P
7440-48-4	Cobalt	33.60	B		P
7440-50-8	Copper	1570.00			P
7439-89-6	Iron	8300.00		E	P
7439-92-1	Lead	290.00		N	P
7439-95-4	Magnesium	746.00	B		P
7439-96-5	Manganese	52.50			P
7439-97-6	Mercury	0.32			CV
7440-02-0	Nickel	5380.00			P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	70.70			P
7440-23-5	Sodium	90.40	U		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	5.40	B		P
7440-66-6	Zinc	704.00			P
	Cyanide	824.00		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP63

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPWP41  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95119823  
 Level (low/med): LOW                      Date Received: 05/25/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	374.00			P
7440-36-0	Antimony	16.70	B	N	P
7440-38-2	Arsenic	23.40			P
7440-39-3	Barium	31.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	23.00			P
7440-70-2	Calcium	1940.00	B		P
7440-47-3	Chromium	25500.00			P
7440-48-4	Cobalt	21.50	B		P
7440-50-8	Copper	758.00			P
7439-89-6	Iron	151000.00		E	P
7439-92-1	Lead	327.00		N	P
7439-95-4	Magnesium	722.00	B		P
7439-96-5	Manganese	523.00			P
7439-97-6	Mercury	0.15			CV
7440-02-0	Nickel	161.00			P
7440-09-7	Potassium	334.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	20.40			P
7440-23-5	Sodium	1470.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	8.10	B		P
7440-66-6	Zinc	184.00			P
	Cyanide	7.60		N	CA

Color Before: YELLOW                      Clarity Before:                      Texture:  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP64

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119824  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	61.50	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.30	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	1160.00	B		P
7440-47-3	Chromium	35.20			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	5.90	B		P
7439-89-6	Iron	124.00		E	P
7439-92-1	Lead	2.60		N	P
7439-95-4	Magnesium	242.00	B		P
7439-96-5	Manganese	2.30	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1450.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	11.50	B		P
	Cyanide	86.20		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP65

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119825  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	93.00	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.20	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	568.00	B		P
7440-47-3	Chromium	13.40			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	5.90	B		P
7439-89-6	Iron	99.00		E	P
7439-92-1	Lead	3.10		N	P
7439-95-4	Magnesium	192.00	B		P
7439-96-5	Manganese	2.20	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1360.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	28.30			P
	Cyanide	40.50		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP66

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119826

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	884.00			P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	31.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	7.30			P
7440-70-2	Calcium	236000.00			P
7440-47-3	Chromium	899.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	756.00			P
7439-89-6	Iron	962.00		E	P
7439-92-1	Lead	109.00		N	P
7439-95-4	Magnesium	1640.00	B		P
7439-96-5	Manganese	102.00			P
7439-97-6	Mercury	0.08	B		CV
7440-02-0	Nickel	18.30	B		P
7440-09-7	Potassium	1030.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2140.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	39.20	B		P
7440-66-6	Zinc	192.00			P
	Cyanide	9.80		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP67

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119827  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1330.00	-		P
7440-36-0	Antimony	32.30	B	N	P
7440-38-2	Arsenic	50.90			P
7440-39-3	Barium	125.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	45.70			P
7440-70-2	Calcium	6220.00			P
7440-47-3	Chromium	60900.00			P
7440-48-4	Cobalt	42.20			P
7440-50-8	Copper	286000.00			P
7439-89-6	Iron	12700.00		E	P
7439-92-1	Lead	3230.00		N	P
7439-95-4	Magnesium	1790.00	B		P
7439-96-5	Manganese	99.50			P
7439-97-6	Mercury	1.00			CV
7440-02-0	Nickel	18900.00			P
7440-09-7	Potassium	988.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	56.30			P
7440-23-5	Sodium	5700.00			P
7440-28-0	Thallium	13.60			P
7440-62-2	Vanadium	10.80	B		P
7440-66-6	Zinc	1070.00			P
	Cyanide	5510.00		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: GREEN Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP68

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119828  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	25200.00	-		P
7440-36-0	Antimony	11.90	B	N	P
7440-38-2	Arsenic	36.80			P
7440-39-3	Barium	614.00			P
7440-41-7	Beryllium	1.90	B		P
7440-43-9	Cadmium	63.90			P
7440-70-2	Calcium	111000.00			P
7440-47-3	Chromium	15400.00			P
7440-48-4	Cobalt	56.60			P
7440-50-8	Copper	8570.00			P
7439-89-6	Iron	62600.00		E	P
7439-92-1	Lead	6240.00		N	P
7439-95-4	Magnesium	18700.00			P
7439-96-5	Manganese	742.00			P
7439-97-6	Mercury	0.31			CV
7440-02-0	Nickel	611.00			P
7440-09-7	Potassium	12600.00			P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	28.60			P
7440-23-5	Sodium	10400.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	58.50			P
7440-66-6	Zinc	1880.00			P
	Cyanide	189.00		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP69

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119829  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13400.00			P
7440-36-0	Antimony	11.50	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	101.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	18.50			P
7440-70-2	Calcium	17800.00			P
7440-47-3	Chromium	204.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	250.00			P
7439-89-6	Iron	46900.00		E	P
7439-92-1	Lead	300.00		N	P
7439-95-4	Magnesium	2220.00	B		P
7439-96-5	Manganese	263.00			P
7439-97-6	Mercury	0.33			CV
7440-02-0	Nickel	59.50			P
7440-09-7	Potassium	470.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	55.10			P
7440-23-5	Sodium	1580.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	36.50	B		P
7440-66-6	Zinc	414.00			P
	Cyanide	24.70		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP70

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119830  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	157.00	B		P
7440-36-0	Antimony	7.10	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	5.60	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	7560.00			P
7440-47-3	Chromium	12.80			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	30.20			P
7439-89-6	Iron	331.00		E	P
7439-92-1	Lead	13.60		N	P
7439-95-4	Magnesium	394.00	B		P
7439-96-5	Manganese	5.90	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	110.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1100.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	34.20			P
	Cyanide	2.40		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP71

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119831  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1860.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	4.70	B		P
7440-39-3	Barium	26.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.10	B		P
7440-70-2	Calcium	162000.00			P
7440-47-3	Chromium	206.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	67.30			P
7439-89-6	Iron	2850.00		E	P
7439-92-1	Lead	42.40		N	P
7439-95-4	Magnesium	4080.00			P
7439-96-5	Manganese	95.60			P
7439-97-6	Mercury	0.09			CV
7440-02-0	Nickel	9.60	B		P
7440-09-7	Potassium	923.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	2680.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	68.00			P
7440-66-6	Zinc	140.00			P
	Cyanide	6.60		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP72

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119832  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1290.00	-		P
7440-36-0	Antimony	14.40	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	20.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.80	B		P
7440-70-2	Calcium	49200.00			P
7440-47-3	Chromium	413.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	79.20			P
7439-89-6	Iron	2480.00		E	P
7439-92-1	Lead	1260.00		N	P
7439-95-4	Magnesium	3400.00	B		P
7439-96-5	Manganese	77.10			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	12.90	B		P
7440-09-7	Potassium	1030.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	3810.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	20.00	B		P
7440-66-6	Zinc	198.00			P
	Cyanide	4.60		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP73

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPWP41  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95119833  
 Level (low/med): LOW                      Date Received: 05/25/95  
 % Solids                      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	351.00	-		P
7440-36-0	Antimony	11.80	B	N	P
7440-38-2	Arsenic	39.10			P
7440-39-3	Barium	27100.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	10.60			P
7440-70-2	Calcium	21700.00			P
7440-47-3	Chromium	23.40			P
7440-48-4	Cobalt	10.30	B		P
7440-50-8	Copper	25.80			P
7439-89-6	Iron	1400.00		E	P
7439-92-1	Lead	9580.00		N	P
7439-95-4	Magnesium	1100.00	B		P
7439-96-5	Manganese	42.60			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	5.10	B		P
7440-09-7	Potassium	292.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1650.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	30700.00			P
	Cyanide	2.00	U	N	CA

Color Before: GREY                      Clarity Before:                      Texture:  
 Color After: COLORLESS                      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP74

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119834

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4650.00			P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	14.50			P
7440-39-3	Barium	212.00			P
7440-41-7	Beryllium	0.81	B		P
7440-43-9	Cadmium	209.00			P
7440-70-2	Calcium	18200.00			P
7440-47-3	Chromium	1340.00			P
7440-48-4	Cobalt	74.40			P
7440-50-8	Copper	1050.00			P
7439-89-6	Iron	714000.00		E	P
7439-92-1	Lead	4150.00		N	P
7439-95-4	Magnesium	4800.00			P
7439-96-5	Manganese	2540.00			P
7439-97-6	Mercury	1.20			CV
7440-02-0	Nickel	452.00			P
7440-09-7	Potassium	1800.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	33.80			P
7440-23-5	Sodium	3990.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	55.50			P
7440-66-6	Zinc	2020.00			P
	Cyanide	111.00		N	CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP75

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119835  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4100.00	-		P
7440-36-0	Antimony	21.30	B	N	P
7440-38-2	Arsenic	11.60			P
7440-39-3	Barium	417.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	306.00			P
7440-70-2	Calcium	25600.00			P
7440-47-3	Chromium	5440.00			P
7440-48-4	Cobalt	9.50	B		P
7440-50-8	Copper	1720.00			P
7439-89-6	Iron	46600.00		E	P
7439-92-1	Lead	1950.00		N	P
7439-95-4	Magnesium	9720.00			P
7439-96-5	Manganese	409.00			P
7439-97-6	Mercury	2.10			CV
7440-02-0	Nickel	263.00			P
7440-09-7	Potassium	1800.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	81.40			P
7440-23-5	Sodium	3450.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	54.80			P
7440-66-6	Zinc	2200.00			P
	Cyanide	300.00		N	CA

Color Before: GREY Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP76

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119836  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	230.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	130.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	894.00			P
7440-70-2	Calcium	3930.00	B		P
7440-47-3	Chromium	140.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	188.00			P
7439-89-6	Iron	15800.00		E	P
7439-92-1	Lead	106.00		N	P
7439-95-4	Magnesium	406.00	B		P
7439-96-5	Manganese	77.90			P
7439-97-6	Mercury	0.22			CV
7440-02-0	Nickel	54.20			P
7440-09-7	Potassium	278.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	2.60	B		P
7440-23-5	Sodium	2610.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	B		P
7440-66-6	Zinc	200.00			P
	Cyanide	232.00		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP77

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119837  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	79.10	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	7.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	8.60			P
7440-70-2	Calcium	2970.00	B		P
7440-47-3	Chromium	299.00			P
7440-48-4	Cobalt	5.40	B		P
7440-50-8	Copper	4930.00			P
7439-89-6	Iron	38400.00		E	P
7439-92-1	Lead	37.00		N	P
7439-95-4	Magnesium	529.00	B		P
7439-96-5	Manganese	110.00			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	12.90	B		P
7440-09-7	Potassium	107.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	8990.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	12300.00			P
	Cyanide	262.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP78

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP41

Matrix (soil/water): SOIL

Lab Sample ID: 95119838

Level (low/med): LOW

Date Received: 05/25/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	429.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	18.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	6.00			P
7440-70-2	Calcium	2650.00	B		P
7440-47-3	Chromium	438.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	271.00			P
7439-89-6	Iron	1870.00		E	P
7439-92-1	Lead	174.00		N	P
7439-95-4	Magnesium	909.00	B		P
7439-96-5	Manganese	20.20			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	22.00	B		P
7440-09-7	Potassium	331.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	8.10			P
7440-23-5	Sodium	1920.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	3.60	B		P
7440-66-6	Zinc	6560.00			P
	Cyanide	19.20		N	CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP79

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No.: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119839  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	99.50	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	15.90	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.10	B		P
7440-70-2	Calcium	1220.00	B		P
7440-47-3	Chromium	1.30	U		P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	27.20			P
7439-89-6	Iron	16500.00		E	P
7439-92-1	Lead	111.00		N	P
7439-95-4	Magnesium	270.00	B		P
7439-96-5	Manganese	61.70			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	7.20	B		P
7440-09-7	Potassium	100.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1580.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	82.50			P
	Cyanide	4.10		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP80

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119840  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6300.00	-		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.90	B		P
7440-39-3	Barium	103.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	2.20	B		P
7440-70-2	Calcium	906.00	B		P
7440-47-3	Chromium	26.30			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	12.30	B		P
7439-89-6	Iron	1130.00		E	P
7439-92-1	Lead	2620.00		N	P
7439-95-4	Magnesium	233.00	B		P
7439-96-5	Manganese	57.20			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	25.60	B		P
7440-09-7	Potassium	1590.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	4130.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	83.40			P
	Cyanide	80.10		N	CA

Color Before: YELLOW Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP81

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I      Case No:      SAS No.:      SDG No.: UPWP41  
 Matrix (soil/water): SOIL      Lab Sample ID: 95119841  
 Level (low/med): LOW      Date Received: 05/25/95  
 % Solids      100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	114.00	B		P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	16300.00			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	22.50			P
7440-70-2	Calcium	1900.00	B		P
7440-47-3	Chromium	124.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	13.90	B		P
7439-89-6	Iron	350.00		E	P
7439-92-1	Lead	87.90		N	P
7439-95-4	Magnesium	389.00	B		P
7439-96-5	Manganese	6.20	B		P
7439-97-6	Mercury	0.10			CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	112.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1560.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	6490.00			P
	Cyanide	11.00		N	CA

Color Before: COLORLESS      Clarity Before:      Texture:  
 Color After: COLORLESS      Clarity After:      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP82

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119842  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	90.40	B		P
7440-36-0	Antimony	18.20	B	N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	104.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	4.80			P
7440-70-2	Calcium	920.00	B		P
7440-47-3	Chromium	34.60			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	55.70			P
7439-89-6	Iron	954.00		E	P
7439-92-1	Lead	1490.00		N	P
7439-95-4	Magnesium	240.00	B		P
7439-96-5	Manganese	9.90	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	12.00	B		P
7440-09-7	Potassium	117.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1600.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	38.30			P
	Cyanide	9.30		N	CA

Color Before: COLORLESS Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP83

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119843  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	532.00			P
7440-36-0	Antimony	65.80		N	P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	52.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	23.80			P
7440-70-2	Calcium	7700.00			P
7440-47-3	Chromium	317.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	335.00			P
7439-89-6	Iron	4060.00		E	P
7439-92-1	Lead	3980.00		N	P
7439-95-4	Magnesium	1510.00	B		P
7439-96-5	Manganese	64.50			P
7439-97-6	Mercury	0.09			CV
7440-02-0	Nickel	64.00			P
7440-09-7	Potassium	580.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	47.60			P
7440-23-5	Sodium	2560.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	4.20	B		P
7440-66-6	Zinc	204.00			P
	Cyanide	21.50		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: COLORLESS Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP84

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPWP41  
 Matrix (soil/water): SOIL Lab Sample ID: 95119844  
 Level (low/med): LOW Date Received: 05/25/95  
 % Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7900.00			P
7440-36-0	Antimony	5.10	U	N	P
7440-38-2	Arsenic	3.50	B		P
7440-39-3	Barium	41.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	36.60			P
7440-70-2	Calcium	59100.00			P
7440-47-3	Chromium	1760.00			P
7440-48-4	Cobalt	6.40	B		P
7440-50-8	Copper	354.00			P
7439-89-6	Iron	8830.00		E	P
7439-92-1	Lead	245.00		N	P
7439-95-4	Magnesium	12400.00			P
7439-96-5	Manganese	73.30			P
7439-97-6	Mercury	0.81			CV
7440-02-0	Nickel	843.00			P
7440-09-7	Potassium	1340.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	8.70			P
7440-23-5	Sodium	7890.00			P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	11.40	B		P
7440-66-6	Zinc	422.00			P
	Cyanide	287.00		N	CA

Color Before: GREY Clarity Before: Texture:  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

**SWEEP AND CONCRETE CHIP SAMPLES**

SDG No. UPFC16



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC16

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): SOIL

Lab Sample ID: 95121401

Level (low/med): LOW

Date Received: 05/27/95

% 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	11500.00	-	E	P
7440-36-0	Antimony	1.20	U	NE	P
7440-38-2	Arsenic	4.20		N	P
7440-39-3	Barium	76.00		EN	P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	2.40		N	P
7440-70-2	Calcium	155000.00			P
7440-47-3	Chromium	23.70		EN	P
7440-48-4	Cobalt	4.90	B	N	P
7440-50-8	Copper	31.80		E	P
7439-89-6	Iron	10800.00		E	P
7439-92-1	Lead	102.00		EN	P
7439-95-4	Magnesium	9690.00		E	P
7439-96-5	Manganese	239.00		EN	P
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	9.30		N	P
7440-09-7	Potassium	6580.00		E	P
7782-49-2	Selenium	0.53	U	N	P
7440-22-4	Silver	8.00			P
7440-23-5	Sodium	3620.00		E	P
7440-28-0	Thallium	1.10	U	NE	P
7440-62-2	Vanadium	14.40		N	P
7440-66-6	Zinc	1750.00		E	P
	Cyanide	1.50			CA

Color Before: GREY

Clarity Before:

Texture: FINE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC17

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121402

Level (low/med): LOW Date Received: 05/27/95

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	9120.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	2.70		N	P
7440-39-3	Barium	159.00		EN	P
7440-41-7	Beryllium	0.35	B		P
7440-43-9	Cadmium	13.60		N	P
7440-70-2	Calcium	104000.00			P
7440-47-3	Chromium	278.00		EN	P
7440-48-4	Cobalt	5.00	B	N	P
7440-50-8	Copper	118.00		E	P
7439-89-6	Iron	11200.00		E	P
7439-92-1	Lead	892.00		EN	P
7439-95-4	Magnesium	4600.00		E	P
7439-96-5	Manganese	218.00		EN	P
7439-97-6	Mercury	0.39			CV
7440-02-0	Nickel	45.20		N	P
7440-09-7	Potassium	4740.00		E	P
7782-49-2	Selenium	0.53	U	N	P
7440-22-4	Silver	2.70			P
7440-23-5	Sodium	4590.00		E	P
7440-28-0	Thallium	1.10	U	N	P
7440-62-2	Vanadium	13.20		N	P
7440-66-6	Zinc	225.00		E	P
	Cyanide	11.40			CA

Color Before: GREY Clarity Before: Texture: FINE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC18

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): SOIL

Lab Sample ID: 95121403

Level (low/med): LOW

Date Received: 05/27/95

% 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	7410.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	3.60		N	P
7440-39-3	Barium	61.90		EN	P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	87.20		N	P
7440-70-2	Calcium	264000.00			P
7440-47-3	Chromium	1620.00		EN	P
7440-48-4	Cobalt	29.60		N	P
7440-50-8	Copper	764.00		E	P
7439-89-6	Iron	13600.00		E	P
7439-92-1	Lead	40.00		EN	P
7439-95-4	Magnesium	10300.00		E	P
7439-96-5	Manganese	260.00		EN	P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	69.70		N	P
7440-09-7	Potassium	3660.00		E	P
7782-49-2	Selenium	0.52	U	N	P
7440-22-4	Silver	1.70	B		P
7440-23-5	Sodium	3090.00		E	P
7440-28-0	Thallium	1.00	U	NE	P
7440-62-2	Vanadium	17.20		N	P
7440-66-6	Zinc	217.00		E	P
	Cyanide	22.40			CA

Color Before: GREY

Clarity Before:

Texture: FINE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC19

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121404

Level (low/med): LOW Date Received: 05/27/95

% 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	5990.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	3.50		N	P
7440-39-3	Barium	89.00		EN	P
7440-41-7	Beryllium	0.31	B		P
7440-43-9	Cadmium	7.10		N	P
7440-70-2	Calcium	109000.00			P
7440-47-3	Chromium	142.00		EN	P
7440-48-4	Cobalt	18.50		N	P
7440-50-8	Copper	59.80		E	P
7439-89-6	Iron	11100.00		E	P
7439-92-1	Lead	202.00		EN	P
7439-95-4	Magnesium	10300.00		E	P
7439-96-5	Manganese	227.00		EN	P
7439-97-6	Mercury	0.26			CV
7440-02-0	Nickel	61.00		N	P
7440-09-7	Potassium	3650.00		E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	2.30			P
7440-23-5	Sodium	10000.00		E	P
7440-28-0	Thallium	1.10	U	NE	P
7440-62-2	Vanadium	15.20		N	P
7440-66-6	Zinc	654.00		E	P
	Cyanide	45.70			CA

Color Before: GREY Clarity Before: Texture: FINE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC20

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121405

Level (low/med): LOW Date Received: 05/27/95

% Solids 92.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6780.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	2.00		N	P
7440-39-3	Barium	72.00		EN	P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	18.40		N	P
7440-70-2	Calcium	75800.00			P
7440-47-3	Chromium	429.00		EN	P
7440-48-4	Cobalt	75.20		N	P
7440-50-8	Copper	87.60		E	P
7439-89-6	Iron	18400.00		E	P
7439-92-1	Lead	136.00		EN	P
7439-95-4	Magnesium	3990.00		E	P
7439-96-5	Manganese	122.00		EN	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	105.00		N	P
7440-09-7	Potassium	4480.00		E	P
7782-49-2	Selenium	0.56	U	N	P
7440-22-4	Silver	26.70			P
7440-23-5	Sodium	6470.00		E	P
7440-28-0	Thallium	1.10	U	NE	P
7440-62-2	Vanadium	12.70		N	P
7440-66-6	Zinc	596.00		E	P
	Cyanide	57.40			CA

Color Before: GREY Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP09

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121410

Level (low/med): LOW Date Received: 05/27/95

3 Solids 91.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6150.00		E	P
7440-36-0	Antimony	6.10	B	N	P
7440-38-2	Arsenic	24.10		N	P
7440-39-3	Barium	1970.00		EN	P
7440-41-7	Beryllium	0.40	B		P
7440-43-9	Cadmium	129.00		N	P
7440-70-2	Calcium	24.10	B		P
7440-47-3	Chromium	45.30		EN	P
7440-48-4	Cobalt	31.20		N	P
7440-50-8	Copper	895.00		E	P
7439-89-6	Iron	27700.00		E	P
7439-92-1	Lead	367.00		EN	P
7439-95-4	Magnesium	4290.00		E	P
7439-96-5	Manganese	1.30	B	EN	P
7439-97-6	Mercury	0.69			CV
7440-02-0	Nickel	241.00		N	P
7440-09-7	Potassium	4230.00		E	P
7782-49-2	Selenium	1.20		N	P
7440-22-4	Silver	0.34	U		P
7440-23-5	Sodium	22400.00		E	P
7440-28-0	Thallium	1.10	U	N	P
7440-62-2	Vanadium	52.60		N	P
7440-66-6	Zinc	7650.00		E	P
	Cyanide	95.50			CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP35

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): SOIL

Lab Sample ID: 95121411

Level (low/med): LOW

Date Received: 05/27/95

% Solids 99.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3860.00		E	P
7440-36-0	Antimony	1.10	U	N	P
7440-38-2	Arsenic	4.00		N	P
7440-39-3	Barium	608.00		EN	P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	19.90		N	P
7440-70-2	Calcium	88200.00			P
7440-47-3	Chromium	1160.00		EN	P
7440-48-4	Cobalt	7.50	B	N	P
7440-50-8	Copper	589.00		E	P
7439-89-6	Iron	12900.00		E	P
7439-92-1	Lead	7340.00		EN	P
7439-95-4	Magnesium	3990.00		E	P
7439-96-5	Manganese	189.00		EN	P
7439-97-6	Mercury	2.30			CV
7440-02-0	Nickel	42.20		N	P
7440-09-7	Potassium	1690.00		E	P
7782-49-2	Selenium	0.52	U	N	P
7440-22-4	Silver	4.00			P
7440-23-5	Sodium	1380.00		E	P
7440-28-0	Thallium	1.00	U	N	P
7440-62-2	Vanadium	27.10		N	P
7440-66-6	Zinc	477.00		E	P
	Cyanide	0.49			CA

Color Before: GREY

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP36

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): SOIL

Lab Sample ID: 95121412

Level (low/med): LOW

Date Received: 05/27/95

Solids

98.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9660.00		E	P
7440-36-0	Antimony	1.10	U	N	P
7440-38-2	Arsenic	21.30		NE	P
7440-39-3	Barium	535.00		EN	P
7440-41-7	Beryllium	0.59	B		P
7440-43-9	Cadmium	307.00		N	P
7440-70-2	Calcium	54200.00			P
7440-47-3	Chromium	1060.00		EN	P
7440-48-4	Cobalt	20.70		N	P
7440-50-8	Copper	1800.00		E	P
7439-89-6	Iron	175000.00		E	P
7439-92-1	Lead	10300.00		EN	P
7439-95-4	Magnesium	7000.00		E	P
7439-96-5	Manganese	910.00		EN	P
7439-97-6	Mercury	0.23			CV
7440-02-0	Nickel	212.00		N	P
7440-09-7	Potassium	3000.00		E	P
7782-49-2	Selenium	0.51	U	NE	P
7440-22-4	Silver	32.10			P
7440-23-5	Sodium	796.00	B	E	P
7440-28-0	Thallium	1.00	U	NE	P
7440-62-2	Vanadium	22.80		N	P
7440-66-6	Zinc	2300.00		E	P
	Cyanide	24.60			CA

Color Before: GREY

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

FORM I - IN

000041

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP37

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121413

Level (low/med): LOW Date Received: 05/27/95

% Solids 87.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6730.00		E	P
7440-36-0	Antimony	1060.00		N	P
7440-38-2	Arsenic	83.70		N	P
7440-39-3	Barium	63.90		EN	P
7440-41-7	Beryllium	1.10	B		P
7440-43-9	Cadmium	2.90		NE	P
7440-70-2	Calcium	4570.00			P
7440-47-3	Chromium	270000.00		EN	P
7440-48-4	Cobalt	9.30	B	N	P
7440-50-8	Copper	2550.00		E	P
7439-89-6	Iron	28300.00		E	P
7439-92-1	Lead	154.00		EN	P
7439-95-4	Magnesium	4330.00		E	P
7439-96-5	Manganese	405.00		EN	P
7439-97-6	Mercury	0.11			CV
7440-02-0	Nickel	195.00		N	P
7440-09-7	Potassium	3290.00		E	P
7782-49-2	Selenium	0.65	U	NE	P
7440-22-4	Silver	3.80			P
7440-23-5	Sodium	1560.00		E	P
7440-28-0	Thallium	9.50		NE	P
7440-62-2	Vanadium	65.80		N	P
7440-66-6	Zinc	0.85	U	E	P
	Cyanide	0.55	U		CA

Color Before: BLACK Clarity Before: Texture: COARSE

Color After: BLUE Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP38

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121414

Level (low/med): LOW Date Received: 05/27/95

% Solids 93.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8720.00		E	P
7440-36-0	Antimony	83.50		N	P
7440-38-2	Arsenic	10.20		N	P
7440-39-3	Barium	818.00		EN	P
7440-41-7	Beryllium	0.52	B		P
7440-43-9	Cadmium	80.50		N	P
7440-70-2	Calcium	101000.00			P
7440-47-3	Chromium	4820.00		EN	P
7440-48-4	Cobalt	12.60		N	P
7440-50-8	Copper	4940.00		E	P
7439-89-6	Iron	37000.00		E	P
7439-92-1	Lead	6420.00		EN	P
7439-95-4	Magnesium	6030.00		E	P
7439-96-5	Manganese	366.00		EN	P
7439-97-6	Mercury	3.00			CV
7440-02-0	Nickel	220.00		N	P
7440-09-7	Potassium	5980.00		E	P
7782-49-2	Selenium	0.53	U	N E	P
7440-22-4	Silver	9.00			P
7440-23-5	Sodium	13600.00		E	P
7440-28-0	Thallium	1.10	U	N E	P
7440-62-2	Vanadium	17.60		N	P
7440-66-6	Zinc	900.00		E	P
	Cyanide	33.40			CA

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP39

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121415

Level (low/med): LOW Date Received: 05/27/95

% Solids 98.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9670.00		E	P
7440-36-0	Antimony	1.50	B	N	P
7440-38-2	Arsenic	2.10		N	P
7440-39-3	Barium	610.00		EN	P
7440-41-7	Beryllium	0.40	B		P
7440-43-9	Cadmium	306.00		N	P
7440-70-2	Calcium	32200.00			P
7440-47-3	Chromium	333.00		EN	P
7440-48-4	Cobalt	9.40		N	P
7440-50-8	Copper	418.00		E	P
7439-89-6	Iron	54000.00		E	P
7439-92-1	Lead	1820.00		EN	P
7439-95-4	Magnesium	4800.00		E	P
7439-96-5	Manganese	346.00		EN	P
7439-97-6	Mercury	0.23			CV
7440-02-0	Nickel	91.30		N	P
7440-09-7	Potassium	3510.00		E	P
7782-49-2	Selenium	0.51	U	N	P
7440-22-4	Silver	219.00			P
7440-23-5	Sodium	2220.00		E	P
7440-28-0	Thallium	1.00	U	N	P
7440-62-2	Vanadium	29.50		N	P
7440-66-6	Zinc	638.00		E	P
	Cyanide	87.60			CA

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

000044

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP40

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121416

Level (low/med): LOW Date Received: 05/27/95

%; 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	8270.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	12.00		N	P
7440-39-3	Barium	771.00		EN	P
7440-41-7	Beryllium	0.37	B		P
7440-43-9	Cadmium	40.20		N	P
7440-70-2	Calcium	83200.00			P
7440-47-3	Chromium	896.00		EN	P
7440-48-4	Cobalt	10.90		N	P
7440-50-8	Copper	509.00		E	P
7439-89-6	Iron	44600.00		E	P
7439-92-1	Lead	1420.00		EN	P
7439-95-4	Magnesium	8030.00		E	P
7439-96-5	Manganese	404.00		EN	P
7439-97-6	Mercury	0.77			CV
7440-02-0	Nickel	105.00		N	P
7440-09-7	Potassium	8610.00		E	P
7782-49-2	Selenium	0.53	U	NE	P
7440-22-4	Silver	128.00			P
7440-23-5	Sodium	7480.00		E	P
7440-28-0	Thallium	1.10	U	N	P
7440-62-2	Vanadium	44.30		N	P
7440-66-6	Zinc	794.00		E	P
	Cyanide	76.30			CA

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP41

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): SOIL

Lab Sample ID: 95121417

Level (low/med): LOW

Date Received: 05/27/95

% Solids

77.8

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

CAS No.	Analyte	Concentration	C	Q..	M
7429-90-5	Aluminum	270.00		E	P
7440-36-0	Antimony	16.30		N	P
7440-38-2	Arsenic	1.00	U	NE	P
7440-39-3	Barium	26.00	B	EN	P
7440-41-7	Beryllium	0.12	U		P
7440-43-9	Cadmium	0.30	U	NE	P
7440-70-2	Calcium	1090.00	B		P
7440-47-3	Chromium	281.00		EN	P
7440-48-4	Cobalt	127.00		N	P
7440-50-8	Copper	150.00		E	P
7439-89-6	Iron	2340.00		E	P
7439-92-1	Lead	0.56	U	EN	P
7439-95-4	Magnesium	1500.00		E	P
7439-96-5	Manganese	14.20		EN	P
7439-97-6	Mercury	0.87			CV
7440-02-0	Nickel	177000.00		N	P
7440-09-7	Potassium	507.00	B	E	P
7782-49-2	Selenium	0.67	U	NE	P
7440-22-4	Silver	0.72	B		P
7440-23-5	Sodium	2100.00		E	P
7440-28-0	Thallium	1.30	U	NE	P
7440-62-2	Vanadium	2.00	B	N	P
7440-66-6	Zinc	147.00		E	P
	Cyanide	55.60			CA

Color Before: GREEN

Clarity Before:

Texture: COARSE

Color After: GREEN

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP42

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121418

Level (low/med): LOW Date Received: 05/27/95

% 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	9090.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	11.30		N	P
7440-39-3	Barium	474.00		EN	P
7440-41-7	Beryllium	0.55	B		P
7440-43-9	Cadmium	2200.00		N	P
7440-70-2	Calcium	63400.00			P
7440-47-3	Chromium	194.00		EN	P
7440-48-4	Cobalt	9.80		N	P
7440-50-8	Copper	5100.00		E	P
7439-89-6	Iron	49500.00		E	P
7439-92-1	Lead	894.00		EN	P
7439-95-4	Magnesium	7520.00		E	P
7439-96-5	Manganese	385.00		EN	P
7439-97-6	Mercury	0.45			CV
7440-02-0	Nickel	400.00		N	P
7440-09-7	Potassium	6060.00		E	P
7782-49-2	Selenium	0.52	U	N	P
7440-22-4	Silver	8.60			P
7440-23-5	Sodium	17000.00		E	P
7440-28-0	Thallium	1.00	U	N	P
7440-62-2	Vanadium	19.40		N	P
7440-66-6	Zinc	729.00		E	P
	Cyanide	170.00			CA

Color Before: GREY

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP43

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121419

Level (low/med): LOW Date Received: 05/27/95

% Solids 66.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	789.00		E	P
7440-36-0	Antimony	1.60	U	N	P
7440-38-2	Arsenic	1.10	U	N	P
7440-39-3	Barium	185.00		EN	P
7440-41-7	Beryllium	0.13	U		P
7440-43-9	Cadmium	52.40		N	P
7440-70-2	Calcium	5470.00			P
7440-47-3	Chromium	458.00		EN	P
7440-48-4	Cobalt	14.00		N	P
7440-50-8	Copper	197.00		E	P
7439-89-6	Iron	725000.00		E	P
7439-92-1	Lead	2500.00		EN	P
7439-95-4	Magnesium	1760.00		E	P
7439-96-5	Manganese	1750.00		EN	P
7439-97-6	Mercury	0.19			CV
7440-02-0	Nickel	86.90		N	P
7440-09-7	Potassium	403.00	B	E	P
7782-49-2	Selenium	0.74	U	N	P
7440-22-4	Silver	3.40			P
7440-23-5	Sodium	1100.00	B	E	P
7440-28-0	Thallium	2.50	B	N	P
7440-62-2	Vanadium	30.50		N	P
7440-66-6	Zinc	856.00		E	P
	Cyanide	0.75	U		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP44

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121420

Level (low/med): LOW Date Received: 05/27/95

% Solids 95.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5410.00		E	P
7440-36-0	Antimony	12.90		N	P
7440-38-2	Arsenic	18.00		N	P
7440-39-3	Barium	267.00		EN	P
7440-41-7	Beryllium	0.50	B		P
7440-43-9	Cadmium	91.80		N	P
7440-70-2	Calcium	37300.00			P
7440-47-3	Chromium	59800.00		EN	P
7440-48-4	Cobalt	8.80	B	N	P
7440-50-8	Copper	1290.00		E	P
7439-89-6	Iron	62400.00		E	P
7439-92-1	Lead	1020.00		EN	P
7439-95-4	Magnesium	6370.00		E	P
7439-96-5	Manganese	400.00		EN	P
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	108.00		N	P
7440-09-7	Potassium	1500.00		E	P
7782-49-2	Selenium	0.54	U	NG	P
7440-22-4	Silver	21.50			P
7440-23-5	Sodium	792.00	B	E	P
7440-28-0	Thallium	1.10	U	NE	P
7440-62-2	Vanadium	23.10		N	P
7440-66-6	Zinc	392.00		E	P
	Cyanide	41.20			CA

Color Before: GREY Clarity Before: Texture: COARSE

Color After: GREEN Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP45

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPFC16  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121421  
 Level (low/med): LOW                      Date Received: 05/27/95  
 % Solids                      96.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8790.00	-	E	P
7440-36-0	Antimony	1.40	B	N	P
7440-38-2	Arsenic	6.90		N	P
7440-39-3	Barium	457.00		EN	P
7440-41-7	Beryllium	0.54	B		P
7440-43-9	Cadmium	1120.00		N	P
7440-70-2	Calcium	29200.00			P
7440-47-3	Chromium	12900.00		EN	P
7440-48-4	Cobalt	202.00		N	P
7440-50-8	Copper	3660.00		E	P
7439-89-6	Iron	51400.00		E	P
7439-92-1	Lead	2580.00		EN	P
7439-95-4	Magnesium	7670.00		E	P
7439-96-5	Manganese	393.00		EN	P
7439-97-6	Mercury	0.20			CV
7440-02-0	Nickel	3440.00		N	P
7440-09-7	Potassium	3120.00		E	P
7782-49-2	Selenium	0.55	U	NE	P
7440-22-4	Silver	55.60			P
7440-23-5	Sodium	2530.00		E	P
7440-28-0	Thallium	1.10	U	NE	P
7440-62-2	Vanadium	25.10		N	P
7440-66-6	Zinc	4690.00		E	P
	Cyanide	737.00			CA

Color Before: YELLOW                      Clarity Before:                      Texture: MEDIUM  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

000050

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP46

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121422

Level (low/med): LOW Date Received: 05/27/95

% 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	3290.00	-	E	P
7440-36-0	Antimony	2.70	B	N	P
7440-38-2	Arsenic	16.90		N	P
7440-39-3	Barium	2340.00		EN	P
7440-41-7	Beryllium	0.35	B		P
7440-43-9	Cadmium	40.60		N	P
7440-70-2	Calcium	85000.00			P
7440-47-3	Chromium	257.00		EN	P
7440-48-4	Cobalt	11.70		N	P
7440-50-8	Copper	135.00		E	P
7439-89-6	Iron	9350.00		E	P
7439-92-1	Lead	4370.00		EN	P
7439-95-4	Magnesium	2920.00		E	P
7439-96-5	Manganese	177.00		EN	P
7439-97-6	Mercury	1.50			CV
7440-02-0	Nickel	60.90		N	P
7440-09-7	Potassium	6210.00		E	P
7782-49-2	Selenium	0.53	U	N	P
7440-22-4	Silver	13.60			P
7440-23-5	Sodium	3460.00		E	P
7440-28-0	Thallium	1.10	U	N	P
7440-62-2	Vanadium	67.60		N	P
7440-66-6	Zinc	4190.00		E	P
	Cyanide	40.80			CA

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

000051

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP47

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I      Case No:      SAS No.:      SDG No.: UPFC16  
 Matrix (soil/water): SOIL      Lab Sample ID: 95121406  
 Level (low/med): LOW      Date Received: 05/27/95  
 % Solids      95.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5290.00		E	P
7440-36-0	Antimony	17.80		N	P
7440-38-2	Arsenic	45.90		N	P
7440-39-3	Barium	1940.00		EN	P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	209.00		N	P
7440-70-2	Calcium	62600.00			P
7440-47-3	Chromium	1550.00		EN	P
7440-48-4	Cobalt	47.10		N	P
7440-50-8	Copper	334.00		E	P
7439-89-6	Iron	58400.00		E	P
7439-92-1	Lead	13200.00		EN	P
7439-95-4	Magnesium	4530.00		E	P
7439-96-5	Manganese	334.00		EN	P
7439-97-6	Mercury	1.90			CV
7440-02-0	Nickel	377.00		N	P
7440-09-7	Potassium	2440.00		E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	16.50			P
7440-23-5	Sodium	6910.00		E	P
7440-28-0	Thallium	1.10	U	N	P
7440-62-2	Vanadium	93.60		N	P
7440-66-6	Zinc	15600.00		E	P
	Cyanide	79.20			CA

Color Before: YELLOW      Clarity Before:      Texture: COARSE  
 Color After: YELLOW      Clarity After:      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP48

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): SOIL Lab Sample ID: 95121407

Level (low/med): LOW Date Received: 05/27/95

Solids 75.3

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

CAS No.	Analyte	Concentration	C	Q -	M
7429-90-5	Aluminum	11800.00		E	P
7440-36-0	Antimony	1.50	U	N	P
7440-38-2	Arsenic	1.00	U	N	P
7440-39-3	Barium	189.00		EN	P
7440-41-7	Beryllium	1.10	B		P
7440-43-9	Cadmium	2750.00		N	P
7440-70-2	Calcium	6220.00			P
7440-47-3	Chromium	165.00		EN	P
7440-48-4	Cobalt	1.60	U	N	P
7440-50-8	Copper	40.20		E	P
7439-89-6	Iron	78300.00		E	P
7439-92-1	Lead	278.00		EN	P
7439-95-4	Magnesium	10000.00		E	P
7439-96-5	Manganese	619.00		EN	P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	10.40		N	P
7440-09-7	Potassium	2720.00		E	P
7782-49-2	Selenium	0.69	U	NE	P
7440-22-4	Silver	71.40			P
7440-23-5	Sodium	73200.00		E	P
7440-28-0	Thallium	4.60		NE	P
7440-62-2	Vanadium	27.00		N	P
7440-66-6	Zinc	68300.00		E	P
	Cyanide	3920.00			CA

Color Before: GREY Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP49

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): SOIL

Lab Sample ID: 95121408

Level (low/med): LOW

Date Received: 05/27/95

% Solids

95.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6300.00		E	P
7440-36-0	Antimony	1.20	U	NE	P
7440-38-2	Arsenic	21.00		NE	P
7440-39-3	Barium	1220.00		EN	P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	6140.00		N	P
7440-70-2	Calcium	15400.00			P
7440-47-3	Chromium	618.00		EN	P
7440-48-4	Cobalt	46.70		N	P
7440-50-8	Copper	558.00		E	P
7439-89-6	Iron	412000.00		E	P
7439-92-1	Lead	1330.00		EN	P
7439-95-4	Magnesium	3780.00		E	P
7439-96-5	Manganese	1300.00		EN	P
7439-97-6	Mercury	0.27			CV
7440-02-0	Nickel	495.00		N	P
7440-09-7	Potassium	4780.00		E	P
7782-49-2	Selenium	0.54	U	NE	P
7440-22-4	Silver	6.70			P
7440-23-5	Sodium	15900.00		E	P
7440-28-0	Thallium	1.10	U	NE	P
7440-62-2	Vanadium	43.30		N	P
7440-66-6	Zinc	5940.00		E	P
	Cyanide	189.00			CA

Color Before: YELLOW

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP50

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): SOIL Lab Sample ID: 95121409  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 90.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5930.00		E	P
7440-36-0	Antimony	1.30	U	N	P
7440-38-2	Arsenic	0.89	B	N	P
7440-39-3	Barium	464.00		EN	P
7440-41-7	Beryllium	0.20	B		P
7440-43-9	Cadmium	1080.00		N	P
7440-70-2	Calcium	20000.00			P
7440-47-3	Chromium	2900.00		EN	P
7440-48-4	Cobalt	31.40		N	P
7440-50-8	Copper	1460.00		E	P
7439-89-6	Iron	95000.00		E	P
7439-92-1	Lead	2870.00		EN	P
7439-95-4	Magnesium	5270.00		E	P
7439-96-5	Manganese	1990.00		EN	P
7439-97-6	Mercury	0.10			CV
7440-02-0	Nickel	479.00		N	P
7440-09-7	Potassium	1940.00		E	P
7782-49-2	Selenium	0.58	U	NE	P
7440-22-4	Silver	5.10			P
7440-23-5	Sodium	14500.00		E	P
7440-28-0	Thallium	1.20	U	NE	P
7440-62-2	Vanadium	26.40		N	P
7440-66-6	Zinc	2580.00		E	P
	Cyanide	55.60			CA

Color Before: BROWN Clarity Before: Texture: MEDIUM  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC16

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121401  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.30	U	N	P
7440-39-3	Barium	92.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	16.00	U		P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLES Clarity After: CLEARE Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC17

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121402  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	19.20	-	N	P
7440-39-3	Barium	127.00	B		P
7440-43-9	Cadmium	42.40	B		P
7440-47-3	Chromium	16.00	U		P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLES Clarity After: CLEARE Artifacts:  
 Comments:

FORM I - IN

000088

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC18

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): TCLP

Lab Sample ID: 95121403

Level (low/med): LOW

Date Received: 05/27/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.80		N	P
7440-39-3	Barium	177.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	1050.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: COLORLES

Clarity After: CLEARE

Artifacts:

Comments:

FORM I - IN

000089

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC19

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121404  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.30	U	N	P
7440-39-3	Barium	68.40	B		P
7440-43-9	Cadmium	56.50			P
7440-47-3	Chromium	3600.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: PINK Clarity Before: CLEAR Texture:  
 Color After: COLORLES Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000090

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC20

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121405  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.30	U	N	P
7440-39-3	Barium	146.00	B		P
7440-43-9	Cadmium	1090.00			P
7440-47-3	Chromium	96.00	B		P
7439-92-1	Lead	2130.00		E	P
7439-97-6	Mercury	0.36			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000091

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP09
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Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121410  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	67.60	B	N	P
7440-39-3	Barium	5.00	U		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	4730.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	1.10			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: RED Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000092

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP35

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121411  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	217.00	B		P
7440-43-9	Cadmium	90.30			P
7440-47-3	Chromium	1970.00			P
7439-92-1	Lead	909.00		E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000093

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP36

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121412  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	378.00	B		P
7440-43-9	Cadmium	1060.00			P
7440-47-3	Chromium	29.50	B		P
7439-92-1	Lead	2220.00		E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000094

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP37

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121413  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	81.20	B		P
7440-43-9	Cadmium	375.00			P
7440-47-3	Chromium	5082000.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	2.40			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	35.20	B		P

Color Before: PURPLE Clarity Before: CLOUDY Texture:  
 Color After: BROWN Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000095

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP38

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121414  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	83.30	B		P
7440-43-9	Cadmium	1030.00			P
7440-47-3	Chromium	982.00			P
7439-92-1	Lead	669.00		E	P
7439-97-6	Mercury	6.00			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000096

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP39

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121415  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	5.00	U		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	848.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	1.70			CV
7782-49-2	Selenium	522.00			P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000097

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP40
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Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121416  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	470.00	B		P
7440-43-9	Cadmium	6080.00			P
7440-47-3	Chromium	3790.00			P
7439-92-1	Lead	229.00		E	P
7439-97-6	Mercury	0.94			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	32.10	B		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000098

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP41

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121417  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	296.00	B		P
7440-43-9	Cadmium	1210.00			P
7440-47-3	Chromium	1190.00			P
7439-92-1	Lead	54300.00		E	P
7439-97-6	Mercury	3.70			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: GREEN Clarity Before: CLEAR Texture:  
 Color After: GREEN Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000099

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP42

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121418  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	262.00	B		P
7440-43-9	Cadmium	6170.00			P
7440-47-3	Chromium	236.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	3.80			CV
7782-49-2	Selenium	608.00			P
7440-22-4	Silver	30.50	B		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000100

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP43

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121419  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	332.00	B		P
7440-43-9	Cadmium	1110.00			P
7440-47-3	Chromium	25.40	B		P
7439-92-1	Lead	55300.00		E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000101

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP44

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121420  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	167.00	B		P
7440-43-9	Cadmium	7090.00			P
7440-47-3	Chromium	108000.00			P
7439-92-1	Lead	64.80		E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	146.00			P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: GREEN Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000102

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP45

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC16

Matrix (soil/water): TCLP

Lab Sample ID: 95121421

Level (low/med): LOW

Date Received: 05/27/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	N	P
7440-39-3	Barium	108.00	B		P
7440-43-9	Cadmium	531.00			P
7440-47-3	Chromium	2190.00			P
7439-92-1	Lead	2720.00		E	P
7439-97-6	Mercury	1.60			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

000103

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP46

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16

Matrix (soil/water): TCLP Lab Sample ID: 95121422

Level (low/med): LOW Date Received: 05/27/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	70.80	B	N	P
7440-39-3	Barium	9.30	B		P
7440-43-9	Cadmium	34.90	B		P
7440-47-3	Chromium	169.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

000104

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP47

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121406  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	45.10	-	N	P
7440-39-3	Barium	140.00	B		P
7440-43-9	Cadmium	1080.00			P
7440-47-3	Chromium	802.00			P
7439-92-1	Lead	2080.00		E	P
7439-97-6	Mercury	0.63			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000105

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP48

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121407  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.30	U	N	P
7440-39-3	Barium	160.00	B		P
7440-43-9	Cadmium	14100.00			P
7440-47-3	Chromium	218.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000106

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP49

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121408  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.30	U	N	P
7440-39-3	Barium	90.90	B		P
7440-43-9	Cadmium	748.00			P
7440-47-3	Chromium	208.00			P
7439-92-1	Lead	24.00	U	E	P
7439-97-6	Mercury	0.26			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000107

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP50

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC16  
 Matrix (soil/water): TCLP Lab Sample ID: 95121409  
 Level (low/med): LOW Date Received: 05/27/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.30	U	N	P
7440-39-3	Barium	838.00	B		P
7440-43-9	Cadmium	935.00			P
7440-47-3	Chromium	278.00			P
7439-92-1	Lead	1530.00		E	P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

000108

**CONCRETE CHIP SAMPLES**

SDG No. UPFC01



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFBO3

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No.: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): WATER Lab Sample ID: 95121016  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16.90	B		P
7440-36-0	Antimony	6.40	U		P
7440-38-2	Arsenic	4.30	U		P
7440-39-3	Barium	0.50	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.30	U		P
7440-70-2	Calcium	1120.00	B		P
7440-47-3	Chromium	2.00	B		P
7440-48-4	Cobalt	6.50	U		P
7440-50-8	Copper	3.00	U		P
7439-89-6	Iron	22.30	B		P
7439-92-1	Lead	2.40	U		P
7439-95-4	Magnesium	46.70	U		P
7439-96-5	Manganese	0.50	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.80	U		P
7440-09-7	Potassium	658.00	B		P
7782-49-2	Selenium	2.90	U		P
7440-22-4	Silver	1.70	U		P
7440-23-5	Sodium	276.00	B		P
7440-28-0	Thallium	5.80	U		P
7440-62-2	Vanadium	2.50	U		P
7440-66-6	Zinc	3.80	U		P
	Cyanide	10.00	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC01

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121001  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 98.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6600.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	3.10			P
7440-39-3	Barium	108.00		E	P
7440-41-7	Beryllium	0.64	B		P
7440-43-9	Cadmium	11.50			P
7440-70-2	Calcium	122000.00		E	P
7440-47-3	Chromium	272.00		E	P
7440-48-4	Cobalt	20.70			P
7440-50-8	Copper	378.00		E	P
7439-89-6	Iron	133000.00			P
7439-92-1	Lead	87.30		E	P
7439-95-4	Magnesium	12900.00		E	P
7439-96-5	Manganese	855.00		E	P
7439-97-6	Mercury	0.08	U	N	CV
7440-02-0	Nickel	152.00		E	P
7440-09-7	Potassium	3450.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	169.00		E	P
7440-23-5	Sodium	3410.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	30.10		E	P
7440-66-6	Zinc	332.00		E	P
	Cyanide	96.60			CA

Color Before: GREY Clarity Before: Texture: FINE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFCO2

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC01

Matrix (soil/water): SOIL

Lab Sample ID: 95121002

Level (low/med): LOW

Date Received: 05/26/95

% Solids 98.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6770.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	5.30			P
7440-39-3	Barium	94.10		E	P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	13.60			P
7440-70-2	Calcium	148000.00		E	P
7440-47-3	Chromium	183.00		E	P
7440-48-4	Cobalt	7.80	B		P
7440-50-8	Copper	620.00		E	P
7439-89-6	Iron	15000.00			P
7439-92-1	Lead	116.00		E	P
7439-95-4	Magnesium	11400.00		E	P
7439-96-5	Manganese	283.00		E	P
7439-97-6	Mercury	0.09	U	N	CV
7440-02-0	Nickel	20.60		E	P
7440-09-7	Potassium	4650.00		E	P
7782-49-2	Selenium	2.20			P
7440-22-4	Silver	221.00		E	P
7440-23-5	Sodium	5780.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	23.80		E	P
7440-66-6	Zinc	158.00		E	P
	Cyanide	438.00			CA

Color Before: GREY

Clarity Before:

Texture: FINE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC03

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121003  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	6270.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	5.70			P
7440-39-3	Barium	2080.00		E	P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	17.40			P
7440-70-2	Calcium	108000.00		E	P
7440-47-3	Chromium	206.00		E	P
7440-48-4	Cobalt	23.70			P
7440-50-8	Copper	483.00		E	P
7439-89-6	Iron	13000.00			P
7439-92-1	Lead	212.00		E	P
7439-95-4	Magnesium	6980.00		E	P
7439-96-5	Manganese	263.00		E	P
7439-97-6	Mercury	0.10	U	N	CV
7440-02-0	Nickel	1960.00		E	P
7440-09-7	Potassium	3290.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	63.60		E	P
7440-23-5	Sodium	3000.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	19.20		E	P
7440-66-6	Zinc	1040.00		E	P
	Cyanide	316.00			CA

Color Before: YELLOW Clarity Before: Texture: FINE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC04

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121004  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	6350.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	3.90			P
7440-39-3	Barium	121.00		E	P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	96.70			P
7440-70-2	Calcium	123000.00		E	P
7440-47-3	Chromium	433.00		E	P
7440-48-4	Cobalt	13.70			P
7440-50-8	Copper	530.00		E	P
7439-89-6	Iron	12700.00			P
7439-92-1	Lead	314.00		E	P
7439-95-4	Magnesium	7610.00		E	P
7439-96-5	Manganese	262.00		E	P
7439-97-6	Mercury	0.11		N	CV
7440-02-0	Nickel	43.30		E	P
7440-09-7	Potassium	3320.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	16.40		E	P
7440-23-5	Sodium	7700.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	16.50		E	P
7440-66-6	Zinc	2160.00		E	P
	Cyanide	47.70			CA

Color Before: GREY Clarity Before: Texture: FINE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC05

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121005  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 94.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6980.00		E	P
7440-36-0	Antimony	242.00		N	P
7440-38-2	Arsenic	5.10			P
7440-39-3	Barium	462.00		E	P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	244.00			P
7440-70-2	Calcium	51400.00		E	P
7440-47-3	Chromium	27400.00		E	P
7440-48-4	Cobalt	88.30			P
7440-50-8	Copper	1890.00		E	P
7439-89-6	Iron	50100.00			P
7439-92-1	Lead	26500.00		E	P
7439-95-4	Magnesium	6710.00		E	P
7439-96-5	Manganese	456.00		E	P
7439-97-6	Mercury	0.60		N	CV
7440-02-0	Nickel	409.00		E	P
7440-09-7	Potassium	1390.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	46.90		E	P
7440-23-5	Sodium	822.00	B		P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	34.80		E	P
7440-66-6	Zinc	1360.00		E	P
	Cyanide	40.70			CA

Color Before: YELLOW Clarity Before: Texture: FINE  
 Color After: GREEN Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC06

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121006  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	8120.00		E	P
7440-36-0	Antimony	74.90		N	P
7440-38-2	Arsenic	3.50			P
7440-39-3	Barium	258.00		E	P
7440-41-7	Beryllium	0.37	B		P
7440-43-9	Cadmium	169.00			P
7440-70-2	Calcium	106000.00		E	P
7440-47-3	Chromium	4820.00		E	P
7440-48-4	Cobalt	22.20			P
7440-50-8	Copper	4730.00		E	P
7439-89-6	Iron	26200.00			P
7439-92-1	Lead	8720.00		E	P
7439-95-4	Magnesium	7990.00		E	P
7439-96-5	Manganese	382.00		E	P
7439-97-6	Mercury	0.19		N	CV
7440-02-0	Nickel	177.00		E	P
7440-09-7	Potassium	2980.00		E	P
7782-49-2	Selenium	0.50	U		P
7440-22-4	Silver	44.10		E	P
7440-23-5	Sodium	3890.00			P
7440-28-0	Thallium	2.20			P
7440-62-2	Vanadium	20.40		E	P
7440-66-6	Zinc	1230.00		E	P
	Cyanide	110.00			CA

Color Before: GREY Clarity Before: Texture: MEDIUM  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC07

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC01

Matrix (soil/water): SOIL

Lab Sample ID: 95121007

Level (low/med): LOW

Date Received: 05/26/95

% Solids 98.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6930.00	-	E	P
7440-36-0	Antimony	8.20	B	N	P
7440-38-2	Arsenic	3.70			P
7440-39-3	Barium	127.00		E	P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	355.00			P
7440-70-2	Calcium	114000.00		E	P
7440-47-3	Chromium	1110.00		E	P
7440-48-4	Cobalt	16.80			P
7440-50-8	Copper	990.00		E	P
7439-89-6	Iron	22000.00			P
7439-92-1	Lead	3510.00		E	P
7439-95-4	Magnesium	9270.00		E	P
7439-96-5	Manganese	347.00		E	P
7439-97-6	Mercury	0.37		N	CV
7440-02-0	Nickel	338.00		E	P
7440-09-7	Potassium	3310.00		E	P
7782-49-2	Selenium	0.52	U		P
7440-22-4	Silver	51.90		E	P
7440-23-5	Sodium	2540.00			P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	19.90		E	P
7440-66-6	Zinc	1640.00		E	P
	Cyanide	198.00			CA

Color Before: GREY

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC08

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC01

Matrix (soil/water): SOIL

Lab Sample ID: 95121008

Level (low/med): LOW

Date Received: 05/26/95

% 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	8740.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	3.00			P
7440-39-3	Barium	105.00		E	P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	83.70			P
7440-70-2	Calcium	112000.00		E	P
7440-47-3	Chromium	411.00		E	P
7440-48-4	Cobalt	10.30			P
7440-50-8	Copper	1200.00		E	P
7439-89-6	Iron	14600.00			P
7439-92-1	Lead	800.00		E	P
7439-95-4	Magnesium	6500.00		E	P
7439-96-5	Manganese	288.00		E	P
7439-97-6	Mercury	0.46		N	CV
7440-02-0	Nickel	156.00		E	P
7440-09-7	Potassium	4210.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	26.60		E	P
7440-23-5	Sodium	10500.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	14.60		E	P
7440-66-6	Zinc	1830.00		E	P
	Cyanide	151.00			CA

Color Before: GREY

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

FORM I - IN

041

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC09

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01

Matrix (soil/water): SOIL Lab Sample ID: 95121009

Level (low/med): LOW Date Received: 05/26/95

% Solids 92.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10000.00	-	E	P
7440-36-0	Antimony	1.30	U	N	P
7440-38-2	Arsenic	7.60			P
7440-39-3	Barium	121.00		E	P
7440-41-7	Beryllium	0.63	B		P
7440-43-9	Cadmium	840.00			P
7440-70-2	Calcium	171000.00		E	P
7440-47-3	Chromium	1230.00		E	P
7440-48-4	Cobalt	12.10			P
7440-50-8	Copper	1400.00		E	P
7439-89-6	Iron	44600.00			P
7439-92-1	Lead	1680.00		E	P
7439-95-4	Magnesium	7410.00		E	P
7439-96-5	Manganese	455.00		E	P
7439-97-6	Mercury	0.52		N	CV
7440-02-0	Nickel	9460.00		E	P
7440-09-7	Potassium	1290.00		E	P
7782-49-2	Selenium	0.57	U		P
7440-22-4	Silver	49.70		E	P
7440-23-5	Sodium	1190.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	27.00		E	P
7440-66-6	Zinc	7800.00		E	P
	Cyanide	1150.00			CA

Color Before: GREY Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC10

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121010  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	9200.00		E	P
7440-36-0	Antimony	5.50	B	N	P
7440-38-2	Arsenic	1.10	B		P
7440-39-3	Barium	183.00		E	P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	162.00			P
7440-70-2	Calcium	71300.00		E	P
7440-47-3	Chromium	662.00		E	P
7440-48-4	Cobalt	11.70			P
7440-50-8	Copper	5910.00		E	P
7439-89-6	Iron	20700.00			P
7439-92-1	Lead	2270.00		E	P
7439-95-4	Magnesium	4440.00		E	P
7439-96-5	Manganese	286.00		E	P
7439-97-6	Mercury	0.21		N	CV
7440-02-0	Nickel	1140.00		E	P
7440-09-7	Potassium	3280.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	9.60		E	P
7440-23-5	Sodium	546.00	B		P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	14.30		E	P
7440-66-6	Zinc	951.00		E	P
	Cyanide	366.00			CA

Color Before: GREY Clarity Before: Texture: FINE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC11

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121011  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	7740.00		E	P
7440-36-0	Antimony	38.90		N	P
7440-38-2	Arsenic	0.78	U		P
7440-39-3	Barium	213.00		E	P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	1190.00			P
7440-70-2	Calcium	58000.00		E	P
7440-47-3	Chromium	2090.00		E	P
7440-48-4	Cobalt	9.00	B		P
7440-50-8	Copper	1520.00		E	P
7439-89-6	Iron	45600.00			P
7439-92-1	Lead	1610.00		E	P
7439-95-4	Magnesium	3920.00		E	P
7439-96-5	Manganese	417.00		E	P
7439-97-6	Mercury	0.19		N	CV
7440-02-0	Nickel	357.00		E	P
7440-09-7	Potassium	3670.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	55.20		E	P
7440-23-5	Sodium	1020.00			P
7440-28-0	Thallium	1.60	B		P
7440-62-2	Vanadium	18.60		E	P
7440-66-6	Zinc	2860.00		E	P
	Cyanide	41.00			CA

Color Before: YELLOW Clarity Before: Texture: FINE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC12

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121012  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 97.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3210.00	-	E	P
7440-36-0	Antimony	1.10	U	N	P
7440-38-2	Arsenic	3.10			P
7440-39-3	Barium	88.50		E	P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	12.70			P
7440-70-2	Calcium	271000.00		E	P
7440-47-3	Chromium	103.00		E	P
7440-48-4	Cobalt	3.70	B		P
7440-50-8	Copper	185.00		E	P
7439-89-6	Iron	7490.00			P
7439-92-1	Lead	339.00		E	P
7439-95-4	Magnesium	11900.00		E	P
7439-96-5	Manganese	101.00		E	P
7439-97-6	Mercury	0.12		N	CV
7440-02-0	Nickel	32.10		E	P
7440-09-7	Potassium	1410.00		E	P
7782-49-2	Selenium	0.52	U		P
7440-22-4	Silver	12.20		E	P
7440-23-5	Sodium	9830.00			P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	38.60		E	P
7440-66-6	Zinc	119.00		E	P
	Cyanide	0.52			CA

Color Before: GREY Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC13

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121013  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 98.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4330.00		E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	2.40			P
7440-39-3	Barium	71.50		E	P
7440-41-7	Beryllium	0.20	B		P
7440-43-9	Cadmium	5.80			P
7440-70-2	Calcium	226000.00		E	P
7440-47-3	Chromium	376.00		E	P
7440-48-4	Cobalt	2.40	B		P
7440-50-8	Copper	291.00		E	P
7439-89-6	Iron	13400.00			P
7439-92-1	Lead	190.00		E	P
7439-95-4	Magnesium	7990.00		E	P
7439-96-5	Manganese	98.20		E	P
7439-97-6	Mercury	0.20		N	CV
7440-02-0	Nickel	38.80		E	P
7440-09-7	Potassium	1440.00		E	P
7782-49-2	Selenium	0.63	B		P
7440-22-4	Silver	18.40		E	P
7440-23-5	Sodium	1180.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	50.40		E	P
7440-66-6	Zinc	103.00		E	P
	Cyanide	7.80			CA

Color Before: GREY Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC14

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): SOIL Lab Sample ID: 95121014  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 98.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10800.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	0.79	U		P
7440-39-3	Barium	225.00		E	P
7440-41-7	Beryllium	0.37	B		P
7440-43-9	Cadmium	3.00			P
7440-70-2	Calcium	122000.00		E	P
7440-47-3	Chromium	266.00		E	P
7440-48-4	Cobalt	5.70	B		P
7440-50-8	Copper	23.50		E	P
7439-89-6	Iron	12500.00			P
7439-92-1	Lead	89.70		E	P
7439-95-4	Magnesium	6510.00		E	P
7439-96-5	Manganese	291.00		E	P
7439-97-6	Mercury	0.10	U	N	CV
7440-02-0	Nickel	15.40		E	P
7440-09-7	Potassium	6050.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	3.40		E	P
7440-23-5	Sodium	4180.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	15.20		E	P
7440-66-6	Zinc	103.00		E	P
	Cyanide	1.80			CA

Color Before: GREEN Clarity Before: Texture: FINE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC15

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC01

Matrix (soil/water): SOIL

Lab Sample ID: 95121015

Level (low/med): LOW

Date Received: 05/26/95

% Solids

98.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10900.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	0.78	U		P
7440-39-3	Barium	209.00		E	P
7440-41-7	Beryllium	0.35	B		P
7440-43-9	Cadmium	13.90			P
7440-70-2	Calcium	115000.00		E	P
7440-47-3	Chromium	1390.00		E	P
7440-48-4	Cobalt	6.70	B		P
7440-50-8	Copper	51.30		E	P
7439-89-6	Iron	13100.00			P
7439-92-1	Lead	2590.00		E	P
7439-95-4	Magnesium	6020.00		E	P
7439-96-5	Manganese	294.00		E	P
7439-97-6	Mercury	0.09	U	N	CV
7440-02-0	Nickel	15.50		E	P
7440-09-7	Potassium	7570.00		E	P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	3.40		E	P
7440-23-5	Sodium	4750.00			P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	15.00		E	P
7440-66-6	Zinc	239.00		E	P
	Cyanide	7.50			CA

Color Before: GREY

Clarity Before:

Texture: FINE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC01

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121001  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	487.00	B	E	P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	16.00	U		P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLOUDY Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC02

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121002  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	183.00			P
7440-39-3	Barium	5.00	U	E	P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	758.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	2.80			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	28.30	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC03

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121003  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	E	P
7440-39-3	Barium	108.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	154.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.54			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC04
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Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01

Matrix (soil/water): TCLP Lab Sample ID: 95121004

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	290.00	B	E	P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	2170.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.95			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	3550.00			P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC05

Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01   
 Matrix (soil/water): TCLP Lab Sample ID: 95121005   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	380.00	B	E	P
7440-43-9	Cadmium	15.20	B		P
7440-47-3	Chromium	1620.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	2.60			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	626.00			P

Color Before: YELLOW Clarity Before: CLEAR Texture:   
 Color After: COLORLESS Clarity After: CLEAR Artifacts:   
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC06
--------

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01

Matrix (soil/water): TCLP Lab Sample ID: 95121006

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	207.00	B	E	P
7440-43-9	Cadmium	346.00			P
7440-47-3	Chromium	1180.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	1.60			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	109.00			P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC07

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121007  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	239.00	B	E	P
7440-43-9	Cadmium	363.00			P
7440-47-3	Chromium	1620.00			P
7439-92-1	Lead	161.00			P
7439-97-6	Mercury	0.88			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	98.70	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC08
--------

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121008  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	301.00	B	E	P
7440-43-9	Cadmium	333.00			P
7440-47-3	Chromium	1870.00			P
7439-92-1	Lead	232.00			P
7439-97-6	Mercury	4.90			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	79.40	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC09

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121009  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	157.00	B	E	P
7440-43-9	Cadmium	193.00			P
7440-47-3	Chromium	1330.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	148.00			P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC10

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121010  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	49.80	B		P
7440-39-3	Barium	83.60	B	E	P
7440-43-9	Cadmium	137.00			P
7440-47-3	Chromium	1460.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.24			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	167.00			P

Color Before: PINK Clarity Before: CLOUDY Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC11
--------

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121011  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	E	P
7440-39-3	Barium	437.00	B		P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	4960.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	292.00			P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC12

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPFC01

Matrix (soil/water): TCLP

Lab Sample ID: 95121012

Level (low/med): LOW

Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	423.00	B	E	P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	145.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	98.90	B		P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC13

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121013  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	166.00	B	E	P
7440-43-9	Cadmium	13.00	U		P
7440-47-3	Chromium	22.00	B		P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	99.40	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC14

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121014  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	60.00	B	E	P
7440-43-9	Cadmium	51.40			P
7440-47-3	Chromium	4030.00			P
7439-92-1	Lead	35.20			P
7439-97-6	Mercury	0.25			CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: BLUE Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFC15

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPFC01  
 Matrix (soil/water): TCLP Lab Sample ID: 95121015  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U	E	P
7440-39-3	Barium	69.50	B		P
7440-43-9	Cadmium	14.30	B		P
7440-47-3	Chromium	26900.00			P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

**SWEEP SAMPLES**

SDG No. UPSP01

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method #	*BNA GC/MS Method #	*VOA GC Method #	*Pest PCBs Method #	*Metals TAL + Granite	*Other RCRA-6, TCLP
OPFB04	95121112						
OPSP1	01						
OPSP10	09						
11	10						
12	11						
13	13						
14	14						
15	15						
16	16						
17	17						
18	18						
19	19						
2	02						
20	20						
21	21						
22	22						
23	23						
24	24						
25	25						
26	26						
27	27						
28	28						
29	29						
3	03						
30	30						
31	31						
32	32						
33	33						
34	34						
4	04						
5	05						
6	06						
7	07						
8	08						

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPFBO4

Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1   
 Matrix (soil/water): WATER Lab Sample ID: 95121112   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21.40	B		P
7440-36-0	Antimony	11.40	B		P
7440-38-2	Arsenic	4.30	U		P
7440-39-3	Barium	0.50	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.30	U		P
7440-70-2	Calcium	1100.00	B		P
7440-47-3	Chromium	15.20			P
7440-48-4	Cobalt	6.50	U		P
7440-50-8	Copper	3.00	U		P
7439-89-6	Iron	59.60	B		P
7439-92-1	Lead	2.40	U		P
7439-95-4	Magnesium	46.70	U		P
7439-96-5	Manganese	0.50	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.80	U		P
7440-09-7	Potassium	119.00	U		P
7782-49-2	Selenium	2.90	U		P
7440-22-4	Silver	1.70	U		P
7440-23-5	Sodium	238.00	B		P
7440-28-0	Thallium	5.80	U		P
7440-62-2	Vanadium	2.50	U		P
7440-66-6	Zinc	13.20	B		P
	Cyanide	19.70			CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:   
 Color After: COLORLESS Clarity After: CLEAR Artifacts:   
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP1

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121101  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 94.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4630.00	-	E	P
7440-36-0	Antimony	6.80	B	N	P
7440-38-2	Arsenic	0.78	U		P
7440-39-3	Barium	460.00		N	P
7440-41-7	Beryllium	0.31	B		P
7440-43-9	Cadmium	133.00		E	P
7440-70-2	Calcium	15900.00		E	P
7440-47-3	Chromium	3030.00			P
7440-48-4	Cobalt	30.40			P
7440-50-8	Copper	934.00		E	P
7439-89-6	Iron	240000.00		E	P
7439-92-1	Lead	728.00			P
7439-95-4	Magnesium	3410.00		E	P
7439-96-5	Manganese	851.00		N	P
7439-97-6	Mercury	1.30		N	CV
7440-02-0	Nickel	95.40		N	P
7440-09-7	Potassium	2880.00		E	P
7782-49-2	Selenium	0.53	U	N	P
7440-22-4	Silver	73.90		E	P
7440-23-5	Sodium	15400.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	32.30			P
7440-66-6	Zinc	8360.00		E	P
	Cyanide	792.00			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP10

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121109  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 95.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2690.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	5.30			P
7440-39-3	Barium	321.00		N	P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	19.60		E	P
7440-70-2	Calcium	63900.00		E	P
7440-47-3	Chromium	133.00			P
7440-48-4	Cobalt	10.70			P
7440-50-8	Copper	134.00		E	P
7439-89-6	Iron	63000.00		E	P
7439-92-1	Lead	4280.00			P
7439-95-4	Magnesium	3130.00		E	P
7439-96-5	Manganese	443.00		N	P
7439-97-6	Mercury	3.30		N	CV
7440-02-0	Nickel	47.80		N	P
7440-09-7	Potassium	898.00	B	E	P
7782-49-2	Selenium	0.55	U	N	P
7440-22-4	Silver	4.40		E	P
7440-23-5	Sodium	970.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	15.60			P
7440-66-6	Zinc	7440.00		E	P
	Cyanide	70.00			CA

Color Before: YELLOW Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP11

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121110  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	7710.00		E	P
7440-36-0	Antimony	326.00		N	P
7440-38-2	Arsenic	7.70			P
7440-39-3	Barium	443.00		N	P
7440-41-7	Beryllium	0.52	B		P
7440-43-9	Cadmium	656.00		E	P
7440-70-2	Calcium	23100.00		E	P
7440-47-3	Chromium	8720.00			P
7440-48-4	Cobalt	220.00			P
7440-50-8	Copper	6820.00		E	P
7439-89-6	Iron	67000.00		E	P
7439-92-1	Lead	45500.00			P
7439-95-4	Magnesium	7400.00		E	P
7439-96-5	Manganese	729.00		N	P
7439-97-6	Mercury	1.10		N	CV
7440-02-0	Nickel	997.00		N	P
7440-09-7	Potassium	2870.00		E	P
7782-49-2	Selenium	0.52	U	N	P
7440-22-4	Silver	136.00		E	P
7440-23-5	Sodium	5490.00		E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	26.50			P
7440-66-6	Zinc	2650.00		E	P
	Cyanide	175.00			CA

Color Before: YELLOW Clarity Before: Texture: MEDIUM  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP12

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): SOIL Lab Sample ID: 95121111

Level (low/med): LOW Date Received: 05/26/95

% Solids 95.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2850.00		E	P
7440-36-0	Antimony	5.90	B	N	P
7440-38-2	Arsenic	0.82	U		P
7440-39-3	Barium	917.00		N	P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	258.00		E	P
7440-70-2	Calcium	24400.00		E	P
7440-47-3	Chromium	2120.00			P
7440-48-4	Cobalt	231.00			P
7440-50-8	Copper	625.00		E	P
7439-89-6	Iron	46900.00		E	P
7439-92-1	Lead	1290.00			P
7439-95-4	Magnesium	3170.00		E	P
7439-96-5	Manganese	457.00		N	P
7439-97-6	Mercury	0.31		N	CV
7440-02-0	Nickel	132.00		N	P
7440-09-7	Potassium	2040.00		E	P
7782-49-2	Selenium	0.85	B	N	P
7440-22-4	Silver	233.00		E	P
7440-23-5	Sodium	3110.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	14.30			P
7440-66-6	Zinc	979.00		E	P
	Cyanide	47.40			CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP13

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPSP1  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121113  
 Level (low/med): LOW                      Date Received: 05/26/95  
 % Solids                      73.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16200.00		E	P
7440-36-0	Antimony	111.00		N	P
7440-38-2	Arsenic	1.40	B		P
7440-39-3	Barium	164.00		N	P
7440-41-7	Beryllium	2.60			P
7440-43-9	Cadmium	132.00		E	P
7440-70-2	Calcium	16200.00		E	P
7440-47-3	Chromium	31700.00			P
7440-48-4	Cobalt	43.40			P
7440-50-8	Copper	1270.00		E	P
7439-89-6	Iron	36100.00		E	P
7439-92-1	Lead	14700.00			P
7439-95-4	Magnesium	10300.00		E	P
7439-96-5	Manganese	373.00		N	P
7439-97-6	Mercury	0.42		N	CV
7440-02-0	Nickel	361.00		N	P
7440-09-7	Potassium	2880.00		E	P
7782-49-2	Selenium	0.71	U	N	P
7440-22-4	Silver	353.00		E	P
7440-23-5	Sodium	541.00	B	E	P
7440-28-0	Thallium	1.40	U		P
7440-62-2	Vanadium	58.00			P
7440-66-6	Zinc	3280.00		E	P
	Cyanide	103.00			CA

Color Before: YELLOW                      Clarity Before:                      Texture: COARSE  
 Color After: GREEN                      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP14

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121114  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 94.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8550.00		E	P
7440-36-0	Antimony	968.00		N	P
7440-38-2	Arsenic	21.80			P
7440-39-3	Barium	345.00		N	P
7440-41-7	Beryllium	0.80	B		P
7440-43-9	Cadmium	367.00		E	P
7440-70-2	Calcium	26500.00		E	P
7440-47-3	Chromium	13100.00			P
7440-48-4	Cobalt	176.00			P
7440-50-8	Copper	2950.00		E	P
7439-89-6	Iron	77700.00		E	P
7439-92-1	Lead	53700.00			P
7439-95-4	Magnesium	6000.00		E	P
7439-96-5	Manganese	743.00		N	P
7439-97-6	Mercury	1.80		N	CV
7440-02-0	Nickel	591.00		N	P
7440-09-7	Potassium	2140.00		E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	175.00		E	P
7440-23-5	Sodium	595.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	36.90			P
7440-66-6	Zinc	2970.00		E	P
	Cyanide	49.50			CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: MEDIUM  
 Color After: GREEN Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP15

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): SOIL Lab Sample ID: 95121115

Level (low/med): LOW Date Received: 05/26/95

% Solids 63.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	28400.00		E	P
7440-36-0	Antimony	18.60		N	P
7440-38-2	Arsenic	1.20	U		P
7440-39-3	Barium	295.00		N	P
7440-41-7	Beryllium	1.80			P
7440-43-9	Cadmium	57.30		E	P
7440-70-2	Calcium	7520.00		E	P
7440-47-3	Chromium	5900.00			P
7440-48-4	Cobalt	17.20			P
7440-50-8	Copper	306.00		E	P
7439-89-6	Iron	19500.00		E	P
7439-92-1	Lead	1180.00			P
7439-95-4	Magnesium	13700.00		E	P
7439-96-5	Manganese	417.00		N	P
7439-97-6	Mercury	0.13	U	N	CV
7440-02-0	Nickel	211.00		N	P
7440-09-7	Potassium	3900.00		E	P
7782-49-2	Selenium	2.50		N	P
7440-22-4	Silver	185.00		E	P
7440-23-5	Sodium	2980.00		E	P
7440-28-0	Thallium	1.60	U		P
7440-62-2	Vanadium	66.70			P
7440-66-6	Zinc	269.00		E	P
	Cyanide	118.00			CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP16

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121116  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	2740.00		E	P
7440-36-0	Antimony	1520.00		N	P
7440-38-2	Arsenic	12.60			P
7440-39-3	Barium	373.00		N	P
7440-41-7	Beryllium	0.17	B		P
7440-43-9	Cadmium	303.00		E	P
7440-70-2	Calcium	14400.00		E	P
7440-47-3	Chromium	26300.00			P
7440-48-4	Cobalt	46.70			P
7440-50-8	Copper	7010.00		E	P
7439-89-6	Iron	89300.00		E	P
7439-92-1	Lead	69000.00			P
7439-95-4	Magnesium	1620.00		E	P
7439-96-5	Manganese	807.00		N	P
7439-97-6	Mercury	0.86		N	CV
7440-02-0	Nickel	1680.00		N	P
7440-09-7	Potassium	1000.00		E	P
7782-49-2	Selenium	0.51	U	N	P
7440-22-4	Silver	182.00		E	P
7440-23-5	Sodium	1280.00		E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	19.00			P
7440-66-6	Zinc	1970.00		E	P
	Cyanide	96.30			CA

Color Before: BROWN Clarity Before: Texture: MEDIUM  
 Color After: GREEN Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP17

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSI1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121117  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 94.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	659.00		E	P
7440-36-0	Antimony	186.00		N	P
7440-38-2	Arsenic	80.70			P
7440-39-3	Barium	50.90		N	P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	77.10		E	P
7440-70-2	Calcium	9200.00		E	P
7440-47-3	Chromium	3030.00			P
7440-48-4	Cobalt	21.70			P
7440-50-8	Copper	33300.00		E	P
7439-89-6	Iron	2.60	U	E	P
7439-92-1	Lead	2810.00			P
7439-95-4	Magnesium	3350.00		E	P
7439-96-5	Manganese	1740.00		N	P
7439-97-6	Mercury	0.49		N	CV
7440-02-0	Nickel	298.00		N	P
7440-09-7	Potassium	329.00	B	E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	35.60		E	P
7440-23-5	Sodium	6270.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	15.80			P
7440-66-6	Zinc	405.00		E	P
	Cyanide	27.00			CA

Color Before: BROWN Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP18

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No.: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121118  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	6380.00		E	P
7440-36-0	Antimony	27.40		N	P
7440-38-2	Arsenic	4.50			P
7440-39-3	Barium	308.00		N	P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	156.00		E	P
7440-70-2	Calcium	34800.00		E	P
7440-47-3	Chromium	1910.00			P
7440-48-4	Cobalt	22.80			P
7440-50-8	Copper	593.00		E	P
7439-89-6	Iron	48800.00		E	P
7439-92-1	Lead	5860.00			P
7439-95-4	Magnesium	3450.00		E	P
7439-96-5	Manganese	342.00		N	P
7439-97-6	Mercury	1.90		N	CV
7440-02-0	Nickel	931.00		N	P
7440-09-7	Potassium	2730.00		E	P
7782-49-2	Selenium	1.30		N	P
7440-22-4	Silver	35.20		E	P
7440-23-5	Sodium	1340.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	22.00			P
7440-66-6	Zinc	1780.00		E	P
	Cyanide	61.00			CA

Color Before: YELLOW Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP19

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121119  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 97.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11400.00	-	E	P
7440-36-0	Antimony	1.30	B	N	P
7440-38-2	Arsenic	8.20			P
7440-39-3	Barium	172.00		N	P
7440-41-7	Beryllium	0.66	B		P
7440-43-9	Cadmium	165.00		E	P
7440-70-2	Calcium	56500.00		E	P
7440-47-3	Chromium	580.00			P
7440-48-4	Cobalt	17.30			P
7440-50-8	Copper	954.00		E	P
7439-89-6	Iron	48900.00		E	P
7439-92-1	Lead	1340.00			P
7439-95-4	Magnesium	6270.00		E	P
7439-96-5	Manganese	443.00		N	P
7439-97-6	Mercury	1.30		N	CV
7440-02-0	Nickel	620.00		N	P
7440-09-7	Potassium	3120.00		E	P
7782-49-2	Selenium	0.51	U	N	P
7440-22-4	Silver	11.70		E	P
7440-23-5	Sodium	602.00	B	E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	44.10			P
7440-66-6	Zinc	3320.00		E	P
	Cyanide	48.60			CA

Color Before: GREY Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP2

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121102  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 82.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10200.00		E	P
7440-36-0	Antimony	59.30		N	P
7440-38-2	Arsenic	0.93	U		P
7440-39-3	Barium	175.00		N	P
7440-41-7	Beryllium	0.64	B		P
7440-43-9	Cadmium	163.00		E	P
7440-70-2	Calcium	17000.00		E	P
7440-47-3	Chromium	3100.00			P
7440-48-4	Cobalt	193.00			P
7440-50-8	Copper	885.00		E	P
7439-89-6	Iron	90700.00		E	P
7439-92-1	Lead	7470.00			P
7439-95-4	Magnesium	6200.00		E	P
7439-96-5	Manganese	688.00		N	P
7439-97-6	Mercury	0.35		N	CV
7440-02-0	Nickel	210.00		N	P
7440-09-7	Potassium	5850.00		E	P
7782-49-2	Selenium	0.62	U	N	P
7440-22-4	Silver	239.00		E	P
7440-23-5	Sodium	72600.00		E	P
7440-28-0	Thallium	1.20	U		P
7440-62-2	Vanadium	33.00			P
7440-66-6	Zinc	3940.00		E	P
	Cyanide	478.00			CA

Color Before: YELLOW Clarity Before: \_\_\_\_\_ Texture: COARSE  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP20

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121120  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 95.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5140.00		E	P
7440-36-0	Antimony	51.60		N	P
7440-38-2	Arsenic	6.60			P
7440-39-3	Barium	256.00		N	P
7440-41-7	Beryllium	0.43	B		P
7440-43-9	Cadmium	520.00		E	P
7440-70-2	Calcium	24100.00		E	P
7440-47-3	Chromium	2500.00			P
7440-48-4	Cobalt	45.30			P
7440-50-8	Copper	2470.00		E	P
7439-89-6	Iron	86100.00		E	P
7439-92-1	Lead	8330.00			P
7439-95-4	Magnesium	6270.00		E	P
7439-96-5	Manganese	664.00		N	P
7439-97-6	Mercury	2.80		N	CV
7440-02-0	Nickel	10400.00		N	P
7440-09-7	Potassium	2800.00		E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	145.00		E	P
7440-23-5	Sodium	2910.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	34.10			P
7440-66-6	Zinc	2610.00		E	P
	Cyanide	224.00			CA

Color Before: YELLOW Clarity Before: Texture: MEDIUM  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP21

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121121

Level (low/med): LOW

Date Received: 05/26/95

% Solids

94.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5850.00		E	P
7440-36-0	Antimony	77.90		N	P
7440-38-2	Arsenic	4.70			P
7440-39-3	Barium	3210.00		N	P
7440-41-7	Beryllium	0.21	B		P
7440-43-9	Cadmium	2640.00		E	P
7440-70-2	Calcium	26200.00		E	P
7440-47-3	Chromium	4790.00			P
7440-48-4	Cobalt	171.00			P
7440-50-8	Copper	4850.00		E	P
7439-89-6	Iron	197000.00		E	P
7439-92-1	Lead	8860.00			P
7439-95-4	Magnesium	5370.00		E	P
7439-96-5	Manganese	957.00		N	P
7439-97-6	Mercury	3.00		N	CV
7440-02-0	Nickel	3290.00		N	P
7440-09-7	Potassium	2900.00		E	P
7782-49-2	Selenium	0.55	U	N	P
7440-22-4	Silver	62.50		E	P
7440-23-5	Sodium	21900.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	27.10			P
7440-66-6	Zinc	19400.00		E	P
	Cyanide	230.00			CA

Color Before: YELLOW

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP22

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121122

Level (low/med): LOW

Date Received: 05/26/95

% 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	4340.00		E	P
7440-36-0	Antimony	48.40		N	P
7440-38-2	Arsenic	8.20			P
7440-39-3	Barium	1.80	B	N	P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	618.00		E	P
7440-70-2	Calcium	628.00	B	E	P
7440-47-3	Chromium	2310.00			P
7440-48-4	Cobalt	14.80			P
7440-50-8	Copper	3900.00		E	P
7439-89-6	Iron	622.00		E	P
7439-92-1	Lead	1400.00			P
7439-95-4	Magnesium	38.50	B	E	P
7439-96-5	Manganese	3.30		N	P
7439-97-6	Mercury	1.90		N	CV
7440-02-0	Nickel	1510.00		N	P
7440-09-7	Potassium	2820.00		E	P
7782-49-2	Selenium	0.52	U	N	P
7440-22-4	Silver	0.98	B	E	P
7440-23-5	Sodium	1390.00		E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	0.45	U		P
7440-66-6	Zinc	2140.00		E	P
	Cyanide	206.00			CA

Color Before: YELLOW

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP23

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121123  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 84.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11700.00	-	E	P
7440-36-0	Antimony	1.40	U	N	P
7440-38-2	Arsenic	1.10	B		P
7440-39-3	Barium	769.00		N	P
7440-41-7	Beryllium	1.00	B		P
7440-43-9	Cadmium	45.60		E	P
7440-70-2	Calcium	38600.00		E	P
7440-47-3	Chromium	435.00			P
7440-48-4	Cobalt	5.70	B		P
7440-50-8	Copper	29900.00		E	P
7439-89-6	Iron	34300.00		E	P
7439-92-1	Lead	196.00			P
7439-95-4	Magnesium	16000.00		E	P
7439-96-5	Manganese	818.00		N	P
7439-97-6	Mercury	5.40		N	CV
7440-02-0	Nickel	48.60		N	P
7440-09-7	Potassium	58600.00		E	P
7782-49-2	Selenium	6.10		N	P
7440-22-4	Silver	25.60		E	P
7440-23-5	Sodium	33700.00		E	P
7440-28-0	Thallium	1.20	U		P
7440-62-2	Vanadium	47.30			P
7440-66-6	Zinc	1110.00		E	P
	Cyanide	2750.00			CA

Color Before: YELLOW Clarity Before: Texture: MEDIUM  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP24

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121124  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 78.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7440.00	-	E	P
7440-36-0	Antimony	1.40	U	N	P
7440-38-2	Arsenic	0.97	U		P
7440-39-3	Barium	421.00		N	P
7440-41-7	Beryllium	0.81	B		P
7440-43-9	Cadmium	523.00		E	P
7440-70-2	Calcium	20600.00		E	P
7440-47-3	Chromium	826.00			P
7440-48-4	Cobalt	9.20	B		P
7440-50-8	Copper	2110.00		E	P
7439-89-6	Iron	21300.00		E	P
7439-92-1	Lead	836.00			P
7439-95-4	Magnesium	9930.00		E	P
7439-96-5	Manganese	411.00		N	P
7439-97-6	Mercury	0.92		N	CV
7440-02-0	Nickel	370.00		N	P
7440-09-7	Potassium	3450.00		E	P
7782-49-2	Selenium	1.60		N	P
7440-22-4	Silver	12.30		E	P
7440-23-5	Sodium	137000.00		E	P
7440-28-0	Thallium	10.60			P
7440-62-2	Vanadium	35.20			P
7440-66-6	Zinc	2050.00		E	P
	Cyanide	36.90			CA

Color Before: WHITE Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP25

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No.: SAS No.: SDG No.: UPSP1

Matrix (soil/water): SOIL Lab Sample ID: 95121125

Level (low/med): LOW Date Received: 05/26/95

% Solids 94.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7380.00		E	P
7440-36-0	Antimony	36.70		N	P
7440-38-2	Arsenic	4.50			P
7440-39-3	Barium	1180.00		N	P
7440-41-7	Beryllium	0.43	B		P
7440-43-9	Cadmium	1190.00		E	P
7440-70-2	Calcium	30900.00		E	P
7440-47-3	Chromium	15000.00			P
7440-48-4	Cobalt	56.20			P
7440-50-8	Copper	7560.00		E	P
7439-89-6	Iron	83700.00		E	P
7439-92-1	Lead	11900.00			P
7439-95-4	Magnesium	4800.00		E	P
7439-96-5	Manganese	841.00		N	P
7439-97-6	Mercury	1.40		N	CV
7440-02-0	Nickel	14000.00		N	P
7440-09-7	Potassium	2040.00		E	P
7782-49-2	Selenium	0.53	U	N	P
7440-22-4	Silver	42.50		E	P
7440-23-5	Sodium	3560.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	31.90			P
7440-66-6	Zinc	4720.00		E	P
	Cyanide	609.00			CA

Color Before: YELLOW Clarity Before: Texture: COARSE

Color After: GREEN Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP26

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121126  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 97.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6520.00		E	P
7440-36-0	Antimony	127.00		N	P
7440-38-2	Arsenic	5.10			P
7440-39-3	Barium	888.00		N	P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	484.00		E	P
7440-70-2	Calcium	32900.00		E	P
7440-47-3	Chromium	5100.00			P
7440-48-4	Cobalt	37.70			P
7440-50-8	Copper	82100.00		E	P
7439-89-6	Iron	159000.00		E	P
7439-92-1	Lead	20800.00			P
7439-95-4	Magnesium	5840.00		E	P
7439-96-5	Manganese	963.00		N	P
7439-97-6	Mercury	1.50		N	CV
7440-02-0	Nickel	689.00		N	P
7440-09-7	Potassium	3100.00		E	P
7782-49-2	Selenium	0.51	U	N	P
7440-22-4	Silver	58.70		E	P
7440-23-5	Sodium	3290.00		E	P
7440-28-0	Thallium	1.00	U		P
7440-62-2	Vanadium	25.90			P
7440-66-6	Zinc	5460.00		E	P
	Cyanide	207.00			CA

Color Before: YELLOW Clarity Before: Texture: COARSE  
 Color After: GREEN Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP27

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPSP1  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121127  
 Level (low/med): LOW                      Date Received: 05/26/95  
 % Solids                                      93.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18900.00	-	E	P
7440-36-0	Antimony	1.20	U	N	P
7440-38-2	Arsenic	0.82	U		P
7440-39-3	Barium	0.22	B	N	P
7440-41-7	Beryllium	2.10			P
7440-43-9	Cadmium	25.80		E	P
7440-70-2	Calcium	79900.00		E	P
7440-47-3	Chromium	956.00			P
7440-48-4	Cobalt	21.30			P
7440-50-8	Copper	660.00		E	P
7439-89-6	Iron	89100.00		E	P
7439-92-1	Lead	268.00			P
7439-95-4	Magnesium	30.70	B	E	P
7439-96-5	Manganese	6.10		N	P
7439-97-6	Mercury	1.30		N	CV
7440-02-0	Nickel	52.30		N	P
7440-09-7	Potassium	981.00		E	P
7782-49-2	Selenium	14.30		N	P
7440-22-4	Silver	4.30		E	P
7440-23-5	Sodium	1280.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	21.60			P
7440-66-6	Zinc	1360.00		E	P
	Cyanide	8.70			CA

Color Before: BROWN                      Clarity Before:                      Texture: COARSE  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP28

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No.: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121128  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 90.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19000.00	-	E	P
7440-36-0	Antimony	1.30	U	N	P
7440-38-2	Arsenic	0.84	U		P
7440-39-3	Barium	0.38	B	N	P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	20.10		E	P
7440-70-2	Calcium	117000.00		E	P
7440-47-3	Chromium	589.00			P
7440-48-4	Cobalt	3.60	B		P
7440-50-8	Copper	1610.00		E	P
7439-89-6	Iron	46200.00		E	P
7439-92-1	Lead	1030.00			P
7439-95-4	Magnesium	94700.00		E	P
7439-96-5	Manganese	1.10	B	N	P
7439-97-6	Mercury	0.55		N	CV
7440-02-0	Nickel	86.70		N	P
7440-09-7	Potassium	1520.00		E	P
7782-49-2	Selenium	8.00		N	P
7440-22-4	Silver	0.46	B	E	P
7440-23-5	Sodium	1020.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	1.90	B		P
7440-66-6	Zinc	516.00		E	P
	Cyanide	449.00			CA

Color Before: GREY Clarity Before: Textur: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP29

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121129  
 Level (low/med): LOW Date Received: 05/26/95  
 % 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	8750.00		E	P
7440-36-0	Antimony	7.60	B	N	P
7440-38-2	Arsenic	7.70			P
7440-39-3	Barium	545.00		N	P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	156.00		E	P
7440-70-2	Calcium	143000.00		E	P
7440-47-3	Chromium	1750.00			P
7440-48-4	Cobalt	12.30			P
7440-50-8	Copper	5520.00		E	P
7439-89-6	Iron	51200.00		E	P
7439-92-1	Lead	2480.00			P
7439-95-4	Magnesium	6540.00		E	P
7439-96-5	Manganese	450.00		N	P
7439-97-6	Mercury	3.20		N	CV
7440-02-0	Nickel	237.00		N	P
7440-09-7	Potassium	1600.00		E	P
7782-49-2	Selenium	1.10		N	P
7440-22-4	Silver	192.00		E	P
7440-23-5	Sodium	718.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	37.40			P
7440-66-6	Zinc	2340.00		E	P
	Cyanide	202.00			CA

Color Befcre: GREY Clarity Before: \_\_\_\_\_ Texture: COARSE  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP3

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121103

Level (low/med): LOW

Date Received: 05/26/95

% Solids

96.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6130.00		E	P
7440-36-0	Antimony	246.00		N	P
7440-38-2	Arsenic	5.30			P
7440-39-3	Barium	138.00		N	P
7440-41-7	Beryllium	0.80	B		P
7440-43-9	Cadmium	1050.00		E	P
7440-70-2	Calcium	13900.00		E	P
7440-47-3	Chromium	717.00			P
7440-48-4	Cobalt	32.00			P
7440-50-8	Copper	701.00		E	P
7439-89-6	Iron	49100.00		E	P
7439-92-1	Lead	1810.00			P
7439-95-4	Magnesium	3900.00		E	P
7439-96-5	Manganese	526.00		N	P
7439-97-6	Mercury	0.30		N	CV
7440-02-0	Nickel	121.00		N	P
7440-09-7	Potassium	3680.00		E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	185.00		E	P
7440-23-5	Sodium	4220.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	16.90			P
7440-66-6	Zinc	61900.00		E	P
	Cyanide	433.00			CA

Color Before: YELLOW

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

FORM I - IN

082

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP30

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121130

Level (low/med): LOW

Date Received: 05/26/95

% Solids

97.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7630.00		E	P
7440-36-0	Antimony	50.50		N	P
7440-38-2	Arsenic	9.30			P
7440-39-3	Barium	1160.00		N	P
7440-41-7	Beryllium	0.25	B		P
7440-43-9	Cadmium	319.00		E	P
7440-70-2	Calcium	42500.00		E	P
7440-47-3	Chromium	1800.00			P
7440-48-4	Cobalt	31.90			P
7440-50-8	Copper	1130.00		E	P
7439-89-6	Iron	153000.00		E	P
7439-92-1	Lead	16300.00			P
7439-95-4	Magnesium	4030.00		E	P
7439-96-5	Manganese	755.00		N	P
7439-97-6	Mercury	0.89		N	CV
7440-02-0	Nickel	341.00		N	P
7440-09-7	Potassium	2020.00		E	P
7782-49-2	Selenium	0.53	U	N	P
7440-22-4	Silver	225.00		E	P
7440-23-5	Sodium	1360.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	34.10			P
7440-66-6	Zinc	4510.00		E	P
	Cyanide	99.70			CA

Color Before: GREY

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP31

Lab Name: Energy & Environ. Engr. Contract: \_\_\_\_\_  
 Lab Code: E3I Case No: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121131  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 94.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9040.00		E	P
7440-36-0	Antimony	736.00		N	P
7440-38-2	Arsenic	86.80			P
7440-39-3	Barium	433.00		N	P
7440-41-7	Beryllium	0.75	B		P
7440-43-9	Cadmium	96.50		E	P
7440-70-2	Calcium	53400.00		E	P
7440-47-3	Chromium	13600.00			P
7440-48-4	Cobalt	21.80			P
7440-50-8	Copper	2670.00		E	P
7439-89-6	Iron	63400.00		E	P
7439-92-1	Lead	3050.00			P
7439-95-4	Magnesium	7890.00		E	P
7439-96-5	Manganese	426.00		N	P
7439-97-6	Mercury	0.22		N	CV
7440-02-0	Nickel	2870.00		N	P
7440-09-7	Potassium	8720.00		E	P
7782-49-2	Selenium	0.55	U	N	P
7440-22-4	Silver	16.00		E	P
7440-23-5	Sodium	13300.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	37.20			P
7440-66-6	Zinc	1060.00		E	P
	Cyanide	104.00			CA

Color Before: GREEN Clarity Before: \_\_\_\_\_ Texture: COARSE  
 Color After: YELLOW Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

084

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP32

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121132  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 95.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9030.00		E	P
7440-36-0	Antimony	8.10	B	N	P
7440-38-2	Arsenic	6.70			P
7440-39-3	Barium	568.00		N	P
7440-41-7	Beryllium	0.63	B		P
7440-43-9	Cadmium	68.60		E	P
7440-70-2	Calcium	48700.00		E	P
7440-47-3	Chromium	11300.00			P
7440-48-4	Cobalt	17.80			P
7440-50-8	Copper	326.00		E	P
7439-89-6	Iron	47200.00		E	P
7439-92-1	Lead	2170.00			P
7439-95-4	Magnesium	9790.00		E	P
7439-96-5	Manganese	573.00		N	P
7439-97-6	Mercury	0.35		N	CV
7440-02-0	Nickel	401.00		N	P
7440-09-7	Potassium	10300.00		E	P
7782-49-2	Selenium	15.20		N	P
7440-22-4	Silver	35.30		E	P
7440-23-5	Sodium	5810.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	51.20			P
7440-66-6	Zinc	874.00		E	P
	Cyanide	50.70			CA

Color Before: GREY Clarity Before: Texture: COARSE  
 Color After: YELLOW Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP33

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121133  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 88.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4770.00		E	P
7440-36-0	Antimony	37.70		N	P
7440-38-2	Arsenic	0.86	U		P
7440-39-3	Barium	241.00		N	P
7440-41-7	Beryllium	0.62	B		P
7440-43-9	Cadmium	83.10		E	P
7440-70-2	Calcium	31800.00		E	P
7440-47-3	Chromium	145000.00			P
7440-48-4	Cobalt	14.60			P
7440-50-8	Copper	3150.00		E	P
7439-89-6	Iron	30000.00		E	P
7439-92-1	Lead	11600.00			P
7439-95-4	Magnesium	4430.00		E	P
7439-96-5	Manganese	229.00		N	P
7439-97-6	Mercury	0.10		N	CV
7440-02-0	Nickel	491.00		N	P
7440-09-7	Potassium	18900.00		E	P
7782-49-2	Selenium	0.58	U	N	P
7440-22-4	Silver	12.10		E	P
7440-23-5	Sodium	20800.00		E	P
7440-28-0	Thallium	1.20	U		P
7440-62-2	Vanadium	22.30			P
7440-66-6	Zinc	1200.00		E	P
	Cyanide	46.70			CA

Color Before: YELLOW Clarity Before: Texture: COARSE  
 Color After: BLUE Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP34

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121134

Level (low/med): LOW

Date Received: 05/26/95

% Solids

94.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7420.00		E	P
7440-36-0	Antimony	13.60		N	P
7440-38-2	Arsenic	5.40			P
7440-39-3	Barium	258.00		N	P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	80.40		E	P
7440-70-2	Calcium	48900.00		E	P
7440-47-3	Chromium	45100.00			P
7440-48-4	Cobalt	15.60			P
7440-50-8	Copper	337.00		E	P
7439-89-6	Iron	29700.00		E	P
7439-92-1	Lead	3940.00			P
7439-95-4	Magnesium	4770.00		E	P
7439-96-5	Manganese	271.00		N	P
7439-97-6	Mercury	0.28		N	CV
7440-02-0	Nickel	973.00		N	P
7440-09-7	Potassium	4760.00		E	P
7782-49-2	Selenium	1.20		N	P
7440-22-4	Silver	12.60		E	P
7440-23-5	Sodium	15400.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	29.30			P
7440-66-6	Zinc	13500.00		E	P
	Cyanide	41.00			CA

Color Before: YELLOW

Clarity Before:

Texture: COARSE

Color After: GREEN

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP4

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): SOIL Lab Sample ID: 95121104

Level (low/med): LOW Date Received: 05/26/95

% Solids 95.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5000.00		E	P
7440-36-0	Antimony	55000.00		N	P
7440-38-2	Arsenic	84.00			P
7440-39-3	Barium	1450.00		N	P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	79.90		E	P
7440-70-2	Calcium	26500.00		E	P
7440-47-3	Chromium	5670.00			P
7440-48-4	Cobalt	253.00			P
7440-50-8	Copper	3770.00		E	P
7439-89-6	Iron	161000.00		E	P
7439-92-1	Lead	2750.00			P
7439-95-4	Magnesium	2270.00		E	P
7439-96-5	Manganese	609.00		N	P
7439-97-6	Mercury	0.89		N	CV
7440-02-0	Nickel	394.00		N	P
7440-09-7	Potassium	2590.00		E	P
7782-49-2	Selenium	0.54	U	N	P
7440-22-4	Silver	221.00		E	P
7440-23-5	Sodium	5090.00		E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	21.70			P
7440-66-6	Zinc	7960.00		E	P
	Cyanide	776.00			CA

Color Before: YELLOW Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP5

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): SOIL Lab Sample ID: 95121105  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 92.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	224.00	-	E	P
7440-36-0	Antimony	20.30		N	P
7440-38-2	Arsenic	0.81	U		P
7440-39-3	Barium	284.00		N	P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	15.70		E	P
7440-70-2	Calcium	5300.00		E	P
7440-47-3	Chromium	50500.00			P
7440-48-4	Cobalt	3.40	B		P
7440-50-8	Copper	64.00		E	P
7439-89-6	Iron	639.00		E	P
7439-92-1	Lead	243.00			P
7439-95-4	Magnesium	529.00	B	E	P
7439-96-5	Manganese	15.20		N	P
7439-97-6	Mercury	0.18		N	CV
7440-02-0	Nickel	92.50		N	P
7440-09-7	Potassium	150.00	B	E	P
7782-49-2	Selenium	1.20		N	P
7440-22-4	Silver	21.50		E	P
7440-23-5	Sodium	591.00	B	E	P
7440-28-0	Thallium	1.10	U		P
7440-62-2	Vanadium	4.70	B		P
7440-66-6	Zinc	168.00		E	P
	Cyanide	27.30	U		CA

Color Before: BLACK Clarity Before: Texture: MEDIUM  
 Color After: GREEN Clarity After: Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP6

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121106

Level (low/med): LOW

Date Received: 05/26/95

% Solids

86.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9070.00		E	P
7440-36-0	Antimony	86.80		N	P
7440-38-2	Arsenic	0.89	U		P
7440-39-3	Barium	1190.00		N	P
7440-41-7	Beryllium	0.50	B		P
7440-43-9	Cadmium	195.00		E	P
7440-70-2	Calcium	37600.00		E	P
7440-47-3	Chromium	23200.00			P
7440-48-4	Cobalt	16900.00			P
7440-50-8	Copper	907.00		E	P
7439-89-6	Iron	39500.00		E	P
7439-92-1	Lead	6900.00			P
7439-95-4	Magnesium	5180.00		E	P
7439-96-5	Manganese	325.00		N	P
7439-97-6	Mercury	1.80		N	CV
7440-02-0	Nickel	1400.00		N	P
7440-09-7	Potassium	5580.00		E	P
7782-49-2	Selenium	0.60	U	N	P
7440-22-4	Silver	258.00		E	P
7440-23-5	Sodium	32800.00		E	P
7440-28-0	Thallium	71.20			P
7440-62-2	Vanadium	22.00			P
7440-66-6	Zinc	17100.00		E	P
	Cyanide	1970.00			CA

Color Before: GREY

Clarity Before:

Texture: MEDIUM

Color After: GREEN

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP7

Lab Name: Energy & Environ. Engr.      Contract:  
 Lab Code: E3I                      Case No:                      SAS No.:                      SDG No.: UPSP1  
 Matrix (soil/water): SOIL                      Lab Sample ID: 95121107  
 Level (low/med): LOW                      Date Received: 05/26/95  
 % Solids                      77.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4610.00		E	P
7440-36-0	Antimony	1.50	U	N	P
7440-38-2	Arsenic	1.00	U		P
7440-39-3	Barium	61.90		N	P
7440-41-7	Beryllium	0.35	B		P
7440-43-9	Cadmium	588.00		E	P
7440-70-2	Calcium	4970.00		E	P
7440-47-3	Chromium	268.00			P
7440-48-4	Cobalt	16.50			P
7440-50-8	Copper	440.00		E	P
7439-89-6	Iron	346000.00		E	P
7439-92-1	Lead	569.00			P
7439-95-4	Magnesium	3420.00		E	P
7439-96-5	Manganese	1000.00		N	P
7439-97-6	Mercury	0.19		N	CV
7440-02-0	Nickel	101.00		N	P
7440-09-7	Potassium	1610.00		E	P
7782-49-2	Selenium	2.80		E	P
7440-22-4	Silver	80.30		E	P
7440-23-5	Sodium	84000.00		E	P
7440-28-0	Thallium	1.40	U		P
7440-62-2	Vanadium	20.40			P
7440-66-6	Zinc	25400.00		E	P
	Cyanide	634.00			CA

Color Before: BROWN                      Clarity Before:                      Texture: MEDIUM  
 Color After: YELLOW                      Clarity After:                      Artifacts:  
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP8

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): SOIL

Lab Sample ID: 95121108

Level (low/med): LOW

Date Received: 05/26/95

% Solids

72.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12300.00		E	
7440-36-0	Antimony	32.10		N	
7440-38-2	Arsenic	1.10	U		
7440-39-3	Barium	661.00		N	
7440-41-7	Beryllium	0.82	B		
7440-43-9	Cadmium	197.00		E	HRP
7440-70-2	Calcium	20800.00		E	P
7440-47-3	Chromium	1930.00			P
7440-48-4	Cobalt	199.00			P
7440-50-8	Copper	1550.00		E	P
7439-89-6	Iron	71000.00		E	P
7439-92-1	Lead	4170.00			P
7439-95-4	Magnesium	7620.00		E	P
7439-96-5	Manganese	479.00		N	P
7439-97-6	Mercury	0.20		N	CV
7440-02-0	Nickel	255.00		N	P
7440-09-7	Potassium	10500.00		E	P
7782-49-2	Selenium	0.72	U	N	P
7440-22-4	Silver	320.00		E	P
7440-23-5	Sodium	69900.00		E	P
7440-28-0	Thallium	1.40	U		P
7440-62-2	Vanadium	33.20			P
7440-66-6	Zinc	2250.00		E	P
	Cyanide	544.00			CA

cmw  
6/24

Color Before: YELLOW

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP1

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121101

Level (low/med): LOW

Date Received: 05/26/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	212.00	B	E	P
7440-43-9	Cadmium	765.00		E	P
7440-47-3	Chromium	1810.00		E	P
7439-92-1	Lead	33.90			P
7439-97-6	Mercury	16.90		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	1410.00		NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP10

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121109

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	531.00	B	E	P
7440-43-9	Cadmium	154.00		E	P
7440-47-3	Chromium	96.70	B	E	P
7439-92-1	Lead	9680.00			P
7439-97-6	Mercury	0.20	U	N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: BROWN Clarity Before: CLEAR Texture:  
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP11

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121110  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	826.00	B	E	P
7440-43-9	Cadmium	15700.00		E	P
7440-47-3	Chromium	4150.00		E	P
7439-92-1	Lead	18100.00			P
7439-97-6	Mercury	0.59		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: BROWN Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP12

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121111

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	5.00	U	E	P
7440-43-9	Cadmium	4770.00		E	P
7440-47-3	Chromium	877.00		E	P
7439-92-1	Lead	779.00			P
7439-97-6	Mercury	0.92		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	440.00		NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP13

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121113  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	622.00	B	E	P
7440-43-9	Cadmium	1990.00		E	P
7440-47-3	Chromium	778.00		E	P
7439-92-1	Lead	55300.00			P
7439-97-6	Mercury	0.20	U	N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP14

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121114

Level (low/med): LOW

Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	1560.00	B	E	P
7440-43-9	Cadmium	4350.00		E	P
7440-47-3	Chromium	16.00	U	E	P
7439-92-1	Lead	5810.00			P
7439-97-6	Mercury	0.20	B	N	CV
7782-49-2	Selenium	216.00			P
7440-22-4	Silver	17.00	U	NE	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP15
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Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1   
 Matrix (soil/water): TCLP Lab Sample ID: 95121115   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	393.00	B	E	P
7440-43-9	Cadmium	1730.00		E	P
7440-47-3	Chromium	138000.00		E	P
7439-92-1	Lead	20100.00			P
7439-97-6	Mercury	1.30		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	319.00		NE	P

Color Before: PURPLE Clarity Before: CLEAR Texture:   
 Color After: GREEN Clarity After: CLEAR Artifacts:   
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP16

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121116

Level (low/med): LOW

Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	555.00	B	E	P
7440-43-9	Cadmium	7080.00		E	P
7440-47-3	Chromium	1500.00		E	P
7439-92-1	Lead	144000.00			P
7439-97-6	Mercury	1.10		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	26.10	B	NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP17

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121117  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	334.00	B	E	P
7440-43-9	Cadmium	1280.00		E	P
7440-47-3	Chromium	176.00		E	P
7439-92-1	Lead	4410.00			P
7439-97-6	Mercury	0.54		N	CV
7782-49-2	Selenium	32.10	B		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: GREEN Clarity Before: CLEAR Texture:  
 Color After: BLUE Clarity After: CLEAR Artifacts:  
 Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP18

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121118

Level (low/med): LOW

Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	143.00	B	E	P
7440-43-9	Cadmium	547.00		E	P
7440-47-3	Chromium	150.00		E	P
7439-92-1	Lead	212.00			P
7439-97-6	Mercury	0.21		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP19
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Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1   
 Matrix (soil/water): TCLP Lab Sample ID: 95121119   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	353.00	B	E	P
7440-43-9	Cadmium	2360.00		E	P
7440-47-3	Chromium	43.50	B	E	P
7439-92-1	Lead	474.00			P
7439-97-6	Mercury	1.50		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:   
 Color After: COLORLESS Clarity After: CLEAR Artifacts:   
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP2

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121102

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	202.00	B	E	P
7440-43-9	Cadmium	118.00		E	P
7440-47-3	Chromium	13600.00		E	P
7439-92-1	Lead	1820.00			P
7439-97-6	Mercury	9.30		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	3110.00		NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP20
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Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1   
 Matrix (soil/water): TCLP Lab Sample ID: 95121120   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	136.00			P
7440-39-3	Barium	5.00	U	E	P
7440-43-9	Cadmium	13.00	U	E	P
7440-47-3	Chromium	558.00		E	P
7439-92-1	Lead	72.50			P
7439-97-6	Mercury	2.60		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.30	B	NE	P

Color Before: BROWN Clarity Before: CLEAR Texture:   
 Color After: YELLOW Clarity After: CLEAR Artifacts:   
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP21

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121121

Level (low/med): LOW

Date Received: 05/26/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	113.00	B	E	P
7440-43-9	Cadmium	17300.00		E	P
7440-47-3	Chromium	2040.00		E	P
7439-92-1	Lead	747.00			P
7439-97-6	Mercury	6.00		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: BROWN

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP22
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Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121122  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	1730.00	B	E	P
7440-43-9	Cadmium	3120.00		E	P
7440-47-3	Chromium	441.00		E	P
7439-92-1	Lead	589.00			P
7439-97-6	Mercury	8.20		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	213.00		NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP23

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121123

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	410.00	B	E	P
7440-43-9	Cadmium	13.00	U	E	P
7440-47-3	Chromium	519.00		E	P
7439-92-1	Lead	74.80			P
7439-97-6	Mercury	0.71		N	CV
7782-49-2	Selenium	109.00			P
7440-22-4	Silver	285.00		NE	P

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP24
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Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1   
 Matrix (soil/water): TCLP Lab Sample ID: 95121124   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	214.00	B	E	P
7440-43-9	Cadmium	5330.00		E	P
7440-47-3	Chromium	592.00		E	P
7439-92-1	Lead	684.00			P
7439-97-6	Mercury	1.70		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	139.00		NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:   
 Color After: COLORLESS Clarity After: CLEAR Artifacts:   
 Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP25

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121125

Level (low/med): LOW

Date Received: 05/26/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	5.00	U	E	P
7440-43-9	Cadmium	7130.00		E	P
7440-47-3	Chromium	13400.00		E	P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	11.40		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	388.00		NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

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1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP26

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121126  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	152.00	B	E	P
7440-43-9	Cadmium	20000.00		E	P
7440-47-3	Chromium	1260.00		E	P
7439-92-1	Lead	26000.00			P
7439-97-6	Mercury	9.40		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture:  
 Color After: BROWN Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP27

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121127

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	249.00	B	E	P
7440-43-9	Cadmium	31.90	B	E	P
7440-47-3	Chromium	16.00	U	E	P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	8.50		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP28

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121128  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	158.00	B	E	P
7440-43-9	Cadmium	170.00		E	P
7440-47-3	Chromium	60.10	B	E	P
7439-92-1	Lead	730.00			P
7439-97-6	Mercury	8.80		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP29
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Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121129

Level (low/med): LOW

Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	93.40	B	E	P
7440-43-9	Cadmium	915.00		E	P
7440-47-3	Chromium	86.90	B	E	P
7439-92-1	Lead	648.00			P
7439-97-6	Mercury	8.90		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP3

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121103  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	429.00	B	E	P
7440-43-9	Cadmium	5680.00		E	P
7440-47-3	Chromium	69.20	B	E	P
7439-92-1	Lead	35.20			P
7439-97-6	Mercury	5.50		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	1150.00		NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: COLORLESS Clarity After: CLEAR Artifacts:  
 Comments:

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NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP30

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121130

Level (low/med): LOW

Date Received: 05/26/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	240.00	B	E	P
7440-43-9	Cadmium	3650.00		E	P
7440-47-3	Chromium	911.00		E	P
7439-92-1	Lead	10600.00			P
7439-97-6	Mercury	5.60		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	449.00		NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP31

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121131  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	224.00	B	E	P
7440-43-9	Cadmium	1180.00		E	P
7440-47-3	Chromium	56400.00		E	P
7439-92-1	Lead	2890.00			P
7439-97-6	Mercury	0.43		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: BLUE Clarity Before: CLEAR Texture:  
 Color After: GREEN Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP32

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121132

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	78.60	B	E	P
7440-43-9	Cadmium	437.00		E	P
7440-47-3	Chromium	36400.00		E	P
7439-92-1	Lead	82.00			P
7439-97-6	Mercury	1.40		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	17.00	U	NE	P

Color Before: BROWN Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP33

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121133

Level (low/med): LOW

Date Received: 05/26/95

% Solids

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	78.50	B	E	P
7440-43-9	Cadmium	900.00		E	P
7440-47-3	Chromium	164000.00		E	P
7439-92-1	Lead	605.00			P
7439-97-6	Mercury	0.38		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	22.90	B	NE	P

Color Before: GREEN

Clarity Before: CLEAR

Texture:

Color After: BLUE

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP34

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121134

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	364.00			P
7440-39-3	Barium	126.00	B	E	P
7440-43-9	Cadmium	1500.00		E	P
7440-47-3	Chromium	11400.00		E	P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.95		N	CV
7782-49-2	Selenium	357.00			P
7440-22-4	Silver	17.80	B	NE	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP4

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121104  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	108.00	B	E	P
7440-43-9	Cadmium	379.00		E	P
7440-47-3	Chromium	48700.00		E	P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	20.40		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	1360.00		NE	P

Color Before: YELLOW Clarity Before: CLEAR Texture:  
 Color After: YELLOW Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP5

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1

Matrix (soil/water): TCLP Lab Sample ID: 95121105

Level (low/med): LOW Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	542.00	B	E	P
7440-43-9	Cadmium	759.00		E	P
7440-47-3	Chromium	2336000.00		E	P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	3.10		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	157.00		NE	P

Color Before: PURPLE Clarity Before: CLEAR Texture:  
 Color After: RED Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP6

Lab Name: Energy & Environ. Engr. Contract:  
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1  
 Matrix (soil/water): TCLP Lab Sample ID: 95121106  
 Level (low/med): LOW Date Received: 05/26/95  
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	125.00	B	E	P
7440-43-9	Cadmium	2080.00		E	P
7440-47-3	Chromium	4340.00		E	P
7439-92-1	Lead	1100.00			P
7439-97-6	Mercury	17.70		N	CV
7782-49-2	Selenium	29.00	U		P
7440-22-4	Silver	943.00		NE	P

Color Before: PINK Clarity Before: CLEAR Texture:  
 Color After: PINK Clarity After: CLEAR Artifacts:  
 Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP7

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPSP1

Matrix (soil/water): TCLP

Lab Sample ID: 95121107

Level (low/med): LOW

Date Received: 05/26/95

% Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	249.00	B	E	P
7440-43-9	Cadmium	24.00	B	E	P
7440-47-3	Chromium	82.50	B	E	P
7439-92-1	Lead	24.00	U		P
7439-97-6	Mercury	0.20	U	N	CV
7782-49-2	Selenium	36.50	B		P
7440-22-4	Silver	62.20	B	NE	P

Color Before: YELLOW

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

FORM I - IN

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPSP8
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Lab Name: Energy & Environ. Engr. Contract:   
 Lab Code: E3I Case No: SAS No.: SDG No.: UPSP1   
 Matrix (soil/water): TCLP Lab Sample ID: 95121108   
 Level (low/med): LOW Date Received: 05/26/95   
 % Solids 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	43.00	U		P
7440-39-3	Barium	167.00	B	E	P
7440-43-9	Cadmium	65.90		E	P
7440-47-3	Chromium	2690.00		E	P
7439-92-1	Lead	511.00			P
7439-97-6	Mercury	3.60		N	CV
7782-49-2	Selenium	51.50			P
7440-22-4	Silver	3440.00		NE	P

Color Before: RED Clarity Before: CLEAR Texture:   
 Color After: YELLOW Clarity After: CLEAR Artifacts:   
 Comments:

**DECONTAMINATION WIPE SAMPLES**

SDG No. UPWP10



NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP10D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126001

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	218.00			P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	9.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	1200.00	B		P
7440-47-3	Chromium	98.90			P
7440-48-4	Cobalt	149.00			P
7440-50-8	Copper	11.10	B		P
7439-89-6	Iron	2460.00			P
7439-92-1	Lead	6.50			P
7439-95-4	Magnesium	259.00	B		P
7439-96-5	Manganese	11.60	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	17.90	B		P
7440-09-7	Potassium	132.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	2.00	B		P
7440-23-5	Sodium	1260.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	38.00			P
	Cyanide	2.00	U		CA

Color Before: YELLOW

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP21D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126002

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	130.00	B		P
7440-36-0	Antimony	1280.00			P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	5.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	685.00	B		P
7440-47-3	Chromium	15.90			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	4.80	B		P
7439-89-6	Iron	107.00			P
7439-92-1	Lead	1550.00			P
7439-95-4	Magnesium	193.00	B		P
7439-96-5	Manganese	3.40	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	116.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	2.50	B		P
7440-23-5	Sodium	3190.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	20.60			P
	Cyanide	2.00	U		CA

Color Before: COLORLESS

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP30D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126003

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	115.00	B		P
7440-36-0	Antimony	5.60	B		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	14.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	19.30			P
7440-70-2	Calcium	684.00	B		P
7440-47-3	Chromium	35.60			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	27.20			P
7439-89-6	Iron	688.00			P
7439-92-1	Lead	43.30			P
7439-95-4	Magnesium	237.00	B		P
7439-96-5	Manganese	6.10	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	12.20	B		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1110.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	145.00			P
	Cyanide	11.60			CA

Color Before: YELLOW

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP36D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126004

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	174.00	-		P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	5.50	B		P
7440-39-3	Barium	5.90	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	4080.00			P
7440-70-2	Calcium	1120.00	B		P
7440-47-3	Chromium	124.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	620.00			P
7439-89-6	Iron	33500.00			P
7439-92-1	Lead	2530.00			P
7439-95-4	Magnesium	345.00	B		P
7439-96-5	Manganese	157.00			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	746.00			P
7440-09-7	Potassium	118.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	35.60			P
7440-23-5	Sodium	2320.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	311.00			P
	Cyanide	230.00			CA

Color Before: BLACK

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP37D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126005

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	193.00			P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	4.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	74.40			P
7440-70-2	Calcium	958.00	B		P
7440-47-3	Chromium	805.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	174.00			P
7439-89-6	Iron	1080.00			P
7439-92-1	Lead	24.40			P
7439-95-4	Magnesium	296.00	B		P
7439-96-5	Manganese	10.30	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	25.90	B		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1130.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.90	B		P
7440-66-6	Zinc	37.00			P
	Cyanide	39.00			CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP45D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126006

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	833.00			P
7440-36-0	Antimony	466.00			P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	28.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	27.50			P
7440-70-2	Calcium	2620.00	B		P
7440-47-3	Chromium	2690.00			P
7440-48-4	Cobalt	48.50			P
7440-50-8	Copper	195.00			P
7439-89-6	Iron	66900.00			P
7439-92-1	Lead	608.00			P
7439-95-4	Magnesium	670.00	B		P
7439-96-5	Manganese	30.30			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	62.50			P
7440-09-7	Potassium	970.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	B		P
7440-23-5	Sodium	2330.00	B		P
7440-28-0	Thallium	4.90	B		P
7440-62-2	Vanadium	6.20	B		P
7440-66-6	Zinc	4230.00			P
	Cyanide	2.00	U		CA

Color Before: GREEN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP62D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126007

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	335.00			P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	4.40	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	4.90			P
7440-70-2	Calcium	854.00	B		P
7440-47-3	Chromium	667.00			P
7440-48-4	Cobalt	12.30	B		P
7440-50-8	Copper	309.00			P
7439-89-6	Iron	1450.00			P
7439-92-1	Lead	28.00			P
7439-95-4	Magnesium	233.00	B		P
7439-96-5	Manganese	10.20	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	1720.00			P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	12.80			P
7440-23-5	Sodium	1560.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.60	B		P
7440-66-6	Zinc	164.00			P
	Cyanide	320.00			CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP63D

Lab Name: Energy & Environ. Engr. Contract:

Lab Code: E3I Case No: SAS No.: SDG No.: UPWP10

Matrix (soil/water): SOIL Lab Sample ID: 95126008

Level (low/med): LOW Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	165.00			P
7440-36-0	Antimony	9.20	B		P
7440-38-2	Arsenic	7.40	B		P
7440-39-3	Barium	6.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	5.80			P
7440-70-2	Calcium	972.00	B		P
7440-47-3	Chromium	6380.00			P
7440-48-4	Cobalt	6.30	B		P
7440-50-8	Copper	300.00			P
7439-89-6	Iron	26600.00			P
7439-92-1	Lead	61.40			P
7439-95-4	Magnesium	336.00	B		P
7439-96-5	Manganese	113.00			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	27.40	B		P
7440-09-7	Potassium	130.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	15.50			P
7440-23-5	Sodium	1130.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.70	B		P
7440-66-6	Zinc	76.90			P
	Cyanide	5.30			CA

Color Before: BROWN Clarity Before: Texture:

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP75D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126009

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	203.00			P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	6.00	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	8.00			P
7440-70-2	Calcium	852.00	B		P
7440-47-3	Chromium	250.00			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	79.90			P
7439-89-6	Iron	400.00			P
7439-92-1	Lead	42.10			P
7439-95-4	Magnesium	296.00	B		P
7439-96-5	Manganese	9.90	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	22.10	B		P
7440-09-7	Potassium	105.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1110.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	105.00			P
	Cyanide	20.00			CA

Color Before: GREY

Clarity Before:

Texture:

Color After: COLORLESS

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

UPWP76D

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126010

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	189.00			P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	20.50	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	107.00			P
7440-70-2	Calcium	1060.00	B		P
7440-47-3	Chromium	58.20			P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	65.40			P
7439-89-6	Iron	11900.00			P
7439-92-1	Lead	45.20			P
7439-95-4	Magnesium	308.00	B		P
7439-96-5	Manganese	56.80			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	10.30	B		P
7440-09-7	Potassium	114.00	B		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1240.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	92.60			P
	Cyanide	21.20			CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments:

NYSDEC-ASP

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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BLANK

Lab Name: Energy & Environ. Engr.

Contract:

Lab Code: E3I

Case No:

SAS No.:

SDG No.: UPWP10

Matrix (soil/water): SOIL

Lab Sample ID: 95126011

Level (low/med): LOW

Date Received: 06/07/95

% Solids 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	91.80	B		P
7440-36-0	Antimony	5.10	U		P
7440-38-2	Arsenic	3.40	U		P
7440-39-3	Barium	2.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	1.00	U		P
7440-70-2	Calcium	436.00	B		P
7440-47-3	Chromium	1.30	U		P
7440-48-4	Cobalt	5.20	U		P
7440-50-8	Copper	2.40	U		P
7439-89-6	Iron	90.60			P
7439-92-1	Lead	1.90	U		P
7439-95-4	Magnesium	149.00	B		P
7439-96-5	Manganese	1.70	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	4.60	U		P
7440-09-7	Potassium	95.20	U		P
7782-49-2	Selenium	2.30	U		P
7440-22-4	Silver	1.40	U		P
7440-23-5	Sodium	1800.00	B		P
7440-28-0	Thallium	4.60	U		P
7440-62-2	Vanadium	2.00	U		P
7440-66-6	Zinc	9.50	B		P
	Cyanide	2.00	U		CA

Color Before: BROWN

Clarity Before:

Texture:

Color After: YELLOW

Clarity After:

Artifacts:

Comments: