LFR
LEVINE • FRICKE

February 5, 2003

EPA Region 5 Records Ctr.
230157

Mr. Brad Bradley
Project Manager
United States Environmental Protection Agency Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3507

Subject: Laboratory summaries for fill used for Collection Basin Closure pursuant to the Second Explanation of Significant Differences; Johns Manville (JM), Waukegan, Illinois

Dear Mr. Bradley:

Pursuant to LFR Levine· Fricke (LFR) correspondence dated January 22, 2003 and January 28, 2003 and a conditional approval letter from the United States Environmental Protection Agency (U.S. EPA) dated January 31, 2003, initial filling of the Collection Basin is expected to begin on Friday, February 7, 2003. As part of conditional approval, the U.S. EPA has requested a summary of the analytical results for the fill material intended for use in the Collection Basin.

Imported fill material totaling approximately 86,000 cubic yards has been identified for possible use in the Collection Basin. This represents approximately one-half of the fill that is stockpiled on site. Soil samples were collected at an average rate of one sample for each 2,500 cubic yards ("sampling cell") and analyzed for the following parameters:

- Volatile organic compounds (VOCs) using EPA Method 8260
- Polynuclear aromatic hydrocarbons (PNAs) using EPA Method 8310
- Polychlorinated biphenyls (PCBs) using EPA 8080
- Synthetic precipitate leaching potential (SPLP) lead
- Total RCRA metals
- pH

These results are summarized on the sheets provided in Attachment 1. Each of the 35 sampling cells has a summary page representing the laboratory results. Please note that once the "sampling cell" has been sampled, and the results reviewed for acceptance, the soil is either accepted or rejected. If rejected, the soil is removed from the site. If accepted, the soil in incorporated into the pile at that general location at the site; it is not practicable, once pile grading has taken place, to physically identify each cell represented by each individual sample.

Analysis of asbestos and priority pollutant pesticides was not conducted on the soil prior to stockpiling on the site. However, U.S. EPA has requested testing for these parameters at a

frequency of one sample for each 5,000 cubic yards of soil intended for use as fill in the Collection Basin. Soil samples for asbestos and pesticides were collected on Monday, February 3, 2003; results are expected by Friday, February 7, 2003 and will be forwarded to U.S. EPA upon receipt.

Analysis of asbestos shall be pursuant to the U.S. EPA Region 1 Standard Operating Procedure for Screening Analysis of Soil and Sediment Samples for Asbestos Content. Pesticide analysis shall be pursuant to EPA Method 8081A.

If you have any questions, feel free to contact me at (847) 695-8855 extension 101.

Sincerely,

William A. Bow, C.P.G.
Principal

Attachment

cc: Dave Peterson
Denny Clinton
Bruce Ray
Edward Kenney

LFR

Attachment 1

Laboratory Summaries for Collection Basin Fill

Collection Basin Filling Project
Summary Page of Sampling Cells

Pile ID	Approx. Soil Vol. (cu.yds)	Surplus Fill Provider	Cell and Sample Identification	Sample Date
2	2500	Pickus	A-113098-1,2,3	11/20/98
2	2500	Pickus	C 120298	12/2/98
2	2500	Pickus	C3-121498	12/14/98
2	2500	Pickus	A12-041499-2	4/14/99
2	2500	Pickus	B12-061799-1	6/17/99
2	2500	Pickus	C21-061799	6/22/99
2	2500	Pickus	A3-110599	11/19/99
2	2500	Pickus	Tewes Dirt C063000	6/30/00
2	2500	Pickus	B12-071200	7/12/00
3	2500	Various	Black Dirt Pile	11/20/00
6	2500	Five Star	S4W-033100	3/31/00
6	2500	Five Star	S2W-061900	6/19/00
6	2500	Lenzini	S1-012999	1/29/99
6	2500	Lenzini	S5W-030199	3/1/99
6	2500	Lenzini	S3-032699	3/26/99
6	2500	Lenzini	S1W-033099	3/30/99
6	2500	Lenzini	S2B-033199	3/31/99
6	2500	Lenzini	S4-040299	4/2/99
6	2500	Lenzini	S12-040699	4/6/99
6	2500	Lenzini	S52-040899	4/8/99
7N	3406	Campanella	Butterfield Rd Cell 15	12/5/02
7N	3406	Campanella	Butterfield Rd Cell 16	12/5/02
9N	2184	Campanella	Butterfield Rd Cell 14	1/21/03
10	1807	DK	Lake County Cap	1/23/02
10	1222	DK	Abbott & Lake Co.	6/27/02
11	2210	Pickus	Metra	11/20/01
11	1495	Pickus	GSA	1/3/02
11	2730	Pickus	Highland Pk Condos	4/17/02
11	1339	Campanella	Linden & Sunset	9/19/02
11	1833	Campanella	Washington Rd	10/9/02
12	2500	Pickus	Pickus Pile South	11/20/00
13	2886	Campanella	Butterfield Rd Cell 11	11/6/02
13	2860	Campanella	Butterfield Rd Cell 12	11/6/02
13	3276	Campanella	Butterfield Rd Cell 13	11/8/02
13	3159	Pickus	Metra	10/1/02

Total	86313	cubic yards
	35	samples
	2466	CY/sample

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**A-113098-1,2,3**
Sample Date	**11/30/98**
Report Date	**12/08/98**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.7
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	33
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	8.9
Lead	mg/kg	1	9.9
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.0087	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.0087	ND
Benzo a anthracene	mg/kg	0.0087	ND
Benzo a pyrene	mg/kg	0.0087	ND
Benzo b fluoranthene	*mg/kg*	*0.0087*	*ND*
Benzo ghi perylene	mg/kg	0.0087	ND
Benzo k fluoranthene	mg/kg	0.0087	ND
Chrysene	mg/kg	0.0087	0.01
Dibenzo a,h anthracene	mg/kg	0.0087	ND
Fluoranthene	mg/kg	0.0087	0.028
Fluorene	mg/kg	0.0087	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0087	ND
Naphthalene	mg/kg	0.0087	ND
Phenanthrene	mg/kg	0.0087	0.017
Pyrene	mg/kg	0.0087	0.014
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.010	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	*mg/kg*	*0.005*	*ND*
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.010	ND
Methylene chloride	mg/kg	0.005	ND
4-Methyl-2-pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.010	ND
Vinyl Chloride	*mg/kg*	*0.005*	*ND*
Total Xylenes	mg/kg	0.005	ND

Notes

1 NL = Not Listed
2 NA = Not Applicable
3. ND = Not Detected
4 NT = Not Tested

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**C120298**
Sample Date	**12/02/98**
Report Date	**12/10/98**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.7
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	47
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	12
Lead	mg/kg	1	9.6
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.05	ND
PCB 1221	mg/kg	0.05	ND
PCB 1232	mg/kg	0.05	ND
PCB 1242	mg/kg	0.05	ND
PCB 1248	mg/kg	0.05	ND
PCB 1254	mg/kg	0.05	ND
PCB 1260	mg/kg	0.05	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.0087	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.0087	ND
Benzo a anthracene	mg/kg	0.0087	ND
Benzo a pyrene	mg/kg	0.0087	ND
Benzo b fluoranthene	mg/kg	0.0087	ND
Benzo ghi perylene	mg/kg	0.0087	ND
Benzo k fluoranthene	mg/kg	0.0087	ND
Chrysene	mg/kg	0.0087	ND
Dibenzo a,h anthracene	mg/kg	0.0087	ND
Fluoranthene	mg/kg	0.0087	0.016
Fluorene	mg/kg	0.0087	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0087	ND
Naphthalene	mg/kg	0.0087	ND
Phenanthrene	mg/kg	0.0087	ND
Pyrene	mg/kg	0.0087	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.010	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.010	ND
Methylene chloride (5)	mg/kg	0.005	0.045
4-Methyl-2-pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.010	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes.

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**C3-121498**
Sample Date	**12/14/98**
Report Date	**12/22/98**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.9
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	49
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	14
Lead	mg/kg	1	15
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.050	ND
PCB 1221	mg/kg	0.050	ND
PCB 1232	mg/kg	0.050	ND
PCB 1242	mg/kg	0.050	ND
PCB 1248	mg/kg	0.050	ND
PCB 1254	mg/kg	0.050	ND
PCB 1260	mg/kg	0.050	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.0087	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.0087	ND
Benzo a anthracene	mg/kg	0.0087	ND
Benzo a pyrene	mg/kg	0.0087	ND
Benzo b fluoranthene	mg/kg	0.0087	ND
Benzo ghi perylene	mg/kg	0.0087	ND
Benzo k fluoranthene	mg/kg	0.0087	ND
Chrysene	mg/kg	0.0087	ND
Dibenzo a,h anthracene	mg/kg	0.0087	ND
Fluoranthene	mg/kg	0.0087	ND
Fluorene	mg/kg	0.0087	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0087	ND
Naphthalene	mg/kg	0.0087	ND
Phenanthrene	mg/kg	0.0087	ND
Pyrene	mg/kg	0.0087	ND
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.025	0.04
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2-Chloroethyl Vinyl Ether	mg/kg	0.010	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.010	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.010	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes

1 NL = Not Listed

2 NA = Not Applicable

3 ND = Not Detected

4 NT = Not Tested

5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**A12-041499-2**
Sample Date	**04/14/99**
Report Date	**05/27/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead (5)	mg/L	0.005	0.022
pH	SU	0.1	9
RCRA Metals			
Arsenic	mg/kg	2	ND
Barium	mg/kg	1	49
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	1	14
Lead	mg/kg	5	15
Mercury	mg/kg	0.0466	ND
Selenium	mg/kg	2	ND
Silver	mg/kg	1	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.020	ND
PCB 1221	mg/kg	0.020	ND
PCB 1232	mg/kg	0.020	ND
PCB 1242	mg/kg	0.020	ND
PCB 1248	mg/kg	0.020	ND
PCB 1254	mg/kg	0.020	ND
PCB 1260	mg/kg	0.020	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	2.000	ND
Acenaphthylene	mg/kg	2.000	ND
Anthracene	mg/kg	0.400	ND
Benzo a anthracene	mg/kg	0.040	ND
Benzo a pyrene	mg/kg	0.040	ND
Benzo b fluoranthene	mg/kg	0.040	ND
Benzo ghi perylene	mg/kg	0.040	ND
Benzo k fluoranthene	mg/kg	0.040	ND
Chrysene	mg/kg	0.400	ND
Dibenzo a,h anthracene	mg/kg	0.040	ND
Fluoranthene	mg/kg	0.400	ND
Fluorene	mg/kg	0.400	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.040	ND
Naphthalene	mg/kg	2.000	ND
Phenanthrene	mg/kg	0.400	ND
Pyrene	mg/kg	0.400	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.010	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.010	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.010	ND
2-Chloroethyl Vinyl Ether	mg/kg	NT	NT
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.020	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	NT	NT
Vinyl Chloride	mg/kg	0.010	ND
Total Xylenes	mg/kg	0.010	ND

Notes.

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
6. Average of 2 analyses, 1/2 the DL was used for ND results

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**B12-061799-1**
Sample Date	**06/17/99**
Report Date	**07/06/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	0.007
pH	SU	0.1	8.5
RCRA Metals			
Arsenic	mg/kg	2	6
Barium	mg/kg	0.96	65.3
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.96	14.5
Lead	mg/kg	4.8	22.3
Mercury	mg/kg	0.0498	ND
Selenium	mg/kg	2	ND
Silver	mg/kg	4.9	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.020	ND
PCB 1221	mg/kg	0.020	ND
PCB 1232	mg/kg	0.020	ND
PCB 1242	mg/kg	0.020	ND
PCB 1248	mg/kg	0.020	ND
PCB 1254	mg/kg	0.020	ND
PCB 1260	mg/kg	0.020	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.200	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.040	ND
Benzo a anthracene	mg/kg	0.004	ND
Benzo a pyrene	mg/kg	0.004	ND
Benzo b fluoranthene	mg/kg	0.004	ND
Benzo ghi perylene	mg/kg	0.004	ND
Benzo k fluoranthene	mg/kg	0.004	ND
Chrysene	mg/kg	0.040	ND
Dibenzo a,h anthracene	mg/kg	0.004	ND
Fluoranthene	mg/kg	0.040	ND
Fluorene	mg/kg	0.040	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.004	ND
Naphthalene	mg/kg	0.200	ND
Phenanthrene	mg/kg	0.040	ND
Pyrene	mg/kg	0.040	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.010	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.010	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.010	ND
2-Chloroethyl Vinyl Ether	mg/kg	NT	NT
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.020	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	NT	NT
Vinyl Chloride	mg/kg	0.010	ND
Total Xylenes	mg/kg	0.010	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**C21-061799**
Sample Date	**06/22/99**
Report Date	**07/06/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.2
RCRA Metals			
Arsenic	mg/kg	2	8
Barium	mg/kg	0.94	94.4
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.94	19.9
Lead	mg/kg	4.7	28.5
Mercury	mg/kg	0.0485	ND
Selenium	mg/kg	2	ND
Silver	mg/kg	5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.020	ND
PCB 1221	mg/kg	0.020	ND
PCB 1232	mg/kg	0.020	ND
PCB 1242	mg/kg	0.020	ND
PCB 1248	mg/kg	0.020	ND
PCB 1254	mg/kg	0.020	ND
PCB 1260	mg/kg	0.020	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.200	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.040	ND
Benzo a anthracene	mg/kg	0.004	0.0116
Benzo a pyrene	mg/kg	0.004	0.0058
Benzo b fluoranthene	mg/kg	0.004	0.0118
Benzo ghi perylene	mg/kg	0.004	0.0141
Benzo k fluoranthene	mg/kg	0.004	0.0101
Chrysene	mg/kg	0.040	ND
Dibenzo a,h anthracene	mg/kg	0.004	ND
Fluoranthene	mg/kg	0.040	ND
Fluorene	mg/kg	0.040	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.004	0.0087
Naphthalene	mg/kg	0.200	ND
Phenanthrene	mg/kg	0.040	ND
Pyrene	mg/kg	0.040	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.010	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.010	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.010	ND
2-Chloroethyl Vinyl Ether	mg/kg	NT	NT
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.020	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	NT	NT
Vinyl Chloride	mg/kg	0.010	ND
Total Xylenes	mg/kg	0.010	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**A3-110599**
Sample Date	**11/19/99**
Report Date	**12/01/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.2
RCRA Metals			
Arsenic	mg/kg	NT	NT
Barium	mg/kg	NT	NT
Cadmium	mg/kg	NT	NT
Chromium	mg/kg	NT	NT
Lead	mg/kg	NT	NT
Mercury	mg/kg	NT	NT
Selenium	mg/kg	NT	NT
Silver	mg/kg	NT	NT
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	NT	NT
PCB 1221	mg/kg	NT	NT
PCB 1232	mg/kg	NT	NT
PCB 1242	mg/kg	NT	NT
PCB 1248	mg/kg	NT	NT
PCB 1254	mg/kg	NT	NT
PCB 1260	mg/kg	NT	NT
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.200	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.040	ND
Benzo a anthracene	mg/kg	0.004	0.0192
Benzo a pyrene	mg/kg	0.004	0.0094
Benzo b fluoranthene	mg/kg	0.004	0.0237
Benzo ghi perylene	mg/kg	0.004	0.0225
Benzo k fluoranthene	mg/kg	0.004	0.0158
Chrysene	mg/kg	0.040	ND
Dibenzo a,h anthracene	mg/kg	0.004	ND
Fluoranthene	mg/kg	0.040	ND
Fluorene	mg/kg	0.040	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.004	0.0078
Naphthalene	mg/kg	0.200	ND
Phenanthrene	mg/kg	0.040	ND
Pyrene	mg/kg	0.040	0.05
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.010	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.010	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.010	ND
2-Chloroethyl Vinyl Ether	mg/kg	NT	NT
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.020	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	NT	NT
Vinyl Chloride	mg/kg	0.010	ND
Total Xylenes	mg/kg	0.010	ND

Notes:

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2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**Tewes Dirt C063000**
Sample Date	**06/30/00**
Report Date	**07/12/00**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.04
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	39.8
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	14.4
Lead	mg/kg	1	12.1
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	2.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.0300	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.0300	ND
Benzo a anthracene	mg/kg	0.0300	0.0319
Benzo a pyrene	mg/kg	0.0300	0.0319
Benzo b fluoranthene	mg/kg	0.0300	0.0337
Benzo ghi perylene	mg/kg	0.0300	ND
Benzo k fluoranthene	mg/kg	0.0300	ND
Chrysene	mg/kg	0.0300	0.0389
Dibenzo a,h anthracene	mg/kg	0.0300	ND
Fluoranthene	mg/kg	0.0300	0.12
Fluorene	mg/kg	0.0300	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0300	ND
Naphthalene	mg/kg	0.0300	ND
Phenanthrene	mg/kg	0.0300	0.046
Pyrene	mg/kg	0.0300	0.0597
VOCs (EPA Method 8260)			
Acetone	mg/kg	NT	NT
Benzene	mg/kg	NT	NT
Bromodichloromethane	mg/kg	NT	NT
Bromoform	mg/kg	NT	NT
Bromomethane	mg/kg	NT	NT
2-Butanone (MEK)	mg/kg	NT	NT
Carbon Disulfide	mg/kg	NT	NT
Carbon Tetrachloride	mg/kg	NT	NT
Chlorobenzene	mg/kg	NT	NT
Dibromochloromethane	mg/kg	NT	NT
Chloroethane	mg/kg	NT	NT
2-Chloroethyl Vinyl Ether	mg/kg	NT	NT
Chloroform	mg/kg	NT	NT
Chloromethane	mg/kg	NT	NT
1,1-Dichloroethane	mg/kg	NT	NT
1,2-Dichloroethane	mg/kg	NT	NT
1,1-Dichloroethene	mg/kg	NT	NT
cis 1,2-Dichloroethene	mg/kg	NT	NT
trans 1,2-Dichloroethene	mg/kg	NT	NT
1,2-Dichloropropane	mg/kg	NT	NT
cis 1,3-Dichloropropene	mg/kg	NT	NT
trans 1,3-Dichloropropene	mg/kg	NT	NT
Ethylbenzene	mg/kg	NT	NT
2-Hexanone	mg/kg	NT	NT
Methylene Chloride	mg/kg	NT	NT
4-Methyl-2-Pentanone	mg/kg	NT	NT
Styrene	mg/kg	NT	NT
1,1,2,2-Tetrachloroethane	mg/kg	NT	NT
Tetrachloroethene	mg/kg	NT	NT
Toluene	mg/kg	NT	NT
1,1,1-Trichloroethane	mg/kg	NT	NT
1,1,2-Trichloroethane	mg/kg	NT	NT
Trichloroethene	mg/kg	NT	NT
Trichlorofluoromethane	mg/kg	NT	NT
Vinyl Acetate	mg/kg	NT	NT
Vinyl Chloride	mg/kg	NT	NT
Total Xylenes	mg/kg	NT	NT

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 2**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**B12-071200**
Sample Date	**07/12/00**
Report Date	**07/13/00**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.2
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	49
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	14
Lead	mg/kg	1	15
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	2.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.050	ND
PCB 1221	mg/kg	0.050	ND
PCB 1232	mg/kg	0.050	ND
PCB 1242	mg/kg	0.050	ND
PCB 1248	mg/kg	0.050	ND
PCB 1254	mg/kg	0.050	ND
PCB 1260	mg/kg	0.050	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.0087	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.0087	ND
Benzo a anthracene	mg/kg	0.0087	ND
Benzo a pyrene	mg/kg	0.0087	ND
Benzo b fluoranthene	mg/kg	0.0087	ND
Benzo ghi perylene	mg/kg	0.0087	ND
Benzo k fluoranthene	mg/kg	0.0087	ND
Chrysene	mg/kg	0.0087	ND
Dibenzo a,h anthracene	mg/kg	0.0087	ND
Fluoranthene	mg/kg	0.0087	ND
Fluorene	mg/kg	0.0087	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0087	ND
Naphthalene	mg/kg	0.0087	ND
Phenanthrene	mg/kg	0.0087	ND
Pyrene	mg/kg	0.0087	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2-Chloroethyl Vinyl Ether	mg/kg	0.010	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.010	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.010	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:

1 NL = Not Listed

2 NA = Not Applicable

3 ND = Not Detected

4. NT = Not Tested

Pile Identification	**Pile 3**	
Estimated Cell Volume	**2000**	**cubic yards**
Contractor	**Various**	
Sample Identification	**Black Dirt Pile**	
Sample Date	**11/20/00**	
Report Date	**12/01/00**	

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.73
RCRA Metals			
Arsenic	mg/kg	2.66	ND
Barium	mg/kg	26.6	56.3
Cadmium	mg/kg	0.532	ND
Chromium	mg/kg	0.532	9.22
Lead	mg/kg	1.06	16
Mercury	mg/kg	0.0426	ND
Selenium	mg/kg	2.66	3.07
Silver	mg/kg	2.66	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	0.027
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.005	NT
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride	mg/kg	0.005	ND
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:
1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 6**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**Five Star**
Sample Identification	**S4W - 033100**
Sample Date	**03/31/00**
Report Date	**04/11/00**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	0.00725
pH	SU	0.1	8.3
RCRA Metals			
Arsenic	mg/kg	2.79	ND
Barium	mg/kg	27.9	52.85
Cadmium	mg/kg	0.558	ND
Chromium	mg/kg	0.558	18
Lead	mg/kg	1.115	18.95
Mercury	mg/kg	0.0446	ND
Selenium (8)	mg/kg	2.79	ND
Silver	mg/kg	2.79	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	0.0302
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (6)	mg/kg	0.005	0.0773
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact
6. Average of 2 analyses, 1/2 the DL was used for ND results

Pile Identification	**Pile 6**	
Estimated Cell Volume	**2500**	**cubic yards**
Contractor	**Five Star**	
Sample Identification	**SZW - 061900**	
Sample Date	**06/19/00**	
Report Date	**07/03/00**	

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.68
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	25.4
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	10.5
Lead	mg/kg	1	6.84
Mercury	mg/kg	0.04	0.0713
Selenium (7)	mg/kg	2.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride	mg/kg	0.005	ND
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification Pile 6
Estimated Cell Volume 2500 cubic yards
Contractor Linzini Excavating
Sample Identification S1 - 012999
Sample Date 01/29/99
Report Date 02/05/99

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.4
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	ND
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	5.8
Lead	mg/kg	1	3.3
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg		NT
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	0.034
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg		NT
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (5)	mg/kg	0.005	0.025
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:
1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 6**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**Linzini Excavating**
Sample Identification	**S5W- 030199**
Sample Date	**03/01/99**
Report Date	**03/09/99**

Compound	*Units*	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.1
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	32
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	13
Lead	mg/kg	1	7.8
Mercury	mg/kg	0.04	0.083
Selenium	mg/kg	0.5	0.55
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	0.041
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg		NT
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg		NT
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride	mg/kg	0.005	ND
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 6**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**Linzini Excavating**
Sample Identification	**S3- 032699**
Sample Date	**03/26/99**
Report Date	**03/29/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.1
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	36
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	8.5
Lead	mg/kg	1	9.5
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	0.038
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.025	0.032
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (5)	mg/kg	0.005	0.0074
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:

1 NL = Not Listed

2 NA = Not Applicable

3. ND = Not Detected

4 NT = Not Tested

5. Laboratory Artifact - concentrations found of this analyte are characteristic of laboratory artifact

Pile Identification Pile 6
Estimated Cell Volume 2500 cubic yards
Contractor Linzini Excavating
Sample Identification S1W - 033099
Sample Date 03/30/99
Report Date 04/01/99

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.5
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	30
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	15
Lead	mg/kg	1	16
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	1.4
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.025	0.008
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (5)	mg/kg	0.005	0.015
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes
1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 6**
Estimated Cell Volume	**2500 cubic yards**
Contractor	***Linzini Excavating***
Sample Identification	**S2B - 033199**
Sample Date	**03/31/99**
Report Date	**04/01/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.8
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	33
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	12
Lead	mg/kg	1	8.2
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.025	0.03
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (5)	mg/kg	0.005	0.015
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes.

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 6**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**Linzini Excavating**
Sample Identification	**S4 - 040299**
Sample Date	**04/02/99**
Report Date	**04/09/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	0.0067
pH	SU	0.1	8.1
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	25
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	12
Lead	mg/kg	1	8.1
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.03	ND
Acenaphthylene	mg/kg	0.2	ND
Anthracene	mg/kg	0.03	ND
Benzo a anthracene	mg/kg	0.03	ND
Benzo a pyrene	mg/kg	0.03	ND
Benzo b fluoranthene	mg/kg	0.03	ND
Benzo ghi perylene	mg/kg	0.03	ND
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.03	ND
Dibenzo a,h anthracene	mg/kg	0.03	ND
Fluoranthene	mg/kg	0.03	ND
Fluorene	mg/kg	0.03	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.03	ND
Naphthalene	mg/kg	0.03	ND
Phenanthrene	mg/kg	0.03	ND
Pyrene	mg/kg	0.03	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	0.01	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	0.033
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.005	ND
trans - 1,3 Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (5)	mg/kg	0.005	0.015
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	0.018
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 6**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**Linzini Excavating**
Sample Identification	**S12 - 040699**
Sample Date	**04/06/99**
Report Date	**04/07/99**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	0.005
pH	SU	0.1	8.5
RCRA Metals			
Arsenic	mg/kg	2	7
Barium	mg/kg	0.9	37
Cadmium	mg/kg	0.5	1.2
Chromium	mg/kg	0.9	13.8
Lead	mg/kg	5	10
Mercury	mg/kg	0.0446	ND
Selenium	mg/kg	2	ND
Silver	mg/kg	0.9	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.020	ND
PCB 1221	mg/kg	0.020	ND
PCB 1232	mg/kg	0.020	ND
PCB 1242	mg/kg	0.020	ND
PCB 1248	mg/kg	0.020	ND
PCB 1254	mg/kg	0.020	ND
PCB 1260	mg/kg	0.020	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.3	ND
Acenaphthylene	mg/kg	0.3	ND
Anthracene	mg/kg	0.06	ND
Benzo a anthracene	mg/kg	0.06	0.0114
Benzo a pyrene	mg/kg	0.006	0.0095
Benzo b fluoranthene	mg/kg	0.006	0.01
Benzo ghi perylene	mg/kg	0.006	0.0068
Benzo k fluoranthene	mg/kg	0.03	ND
Chrysene	mg/kg	0.06	ND
Dibenzo a,h anthracene	mg/kg	0.006	ND
Fluoranthene	mg/kg	0.06	ND
Fluorene	mg/kg	0.06	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.006	ND
Naphthalene	mg/kg	0.3	ND
Phenanthrene	mg/kg	0.06	ND
Pyrene	mg/kg	0.06	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.05	ND
Benzene	mg/kg	0.02	ND
Bromodichloromethane	mg/kg	0.02	ND
Bromoform	mg/kg	0.02	ND
Bromomethane	mg/kg	0.05	ND
2-Butanone (MEK)	mg/kg	0.05	ND
Carbon disulfide	mg/kg	0.02	ND
Carbon tetrachloride	mg/kg	0.02	ND
Chlorobenzene	mg/kg	0.02	ND
Chlorodibromomethane	mg/kg	0.02	ND
Chloroethane	mg/kg	0.05	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.02	ND
Chloromethane	mg/kg	0.02	ND
1,1- Dichloroethane	mg/kg	0.02	ND
1,2- Dichloroethane	mg/kg	0.02	ND
1,1- Dichloroethene	mg/kg	0.02	ND
cis- 1,2- Dichloroethene	mg/kg	0.02	ND
trans-1,2-Dichloroethene	mg/kg	0.02	ND
1,2 Dichloropropane	mg/kg	0.02	ND
cis - 1,3 Dichloropropene	mg/kg	0.02	ND
trans - 1,3 Dichloropropene	mg/kg	0.02	ND
Ethylbenzene	mg/kg	0.02	ND
2 - Hexanone	mg/kg	0.1	ND
Methylene chloride (8)	mg/kg	0.02	0.18
4-Methyl-2-pentanone	mg/kg	0.05	ND
Styrene	mg/kg	0.02	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.02	ND
Tetrachloroethene	mg/kg	0.02	ND
Toluene	mg/kg	0.02	ND
1,1,1- Trichloroethane	mg/kg	0.02	ND
1,1,2-Trichloroethane	mg/kg	0.02	ND
Trichloroethene	mg/kg	0.02	0.018
Trichlorofluoromethane	mg/kg	NT	NT
Vinyl Acetate	mg/kg	NT	NT
Vinyl Chloride	mg/kg	0.05	ND
Total Xylenes	mg/kg	0.05	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification Pile 6
Estimated Cell Volume 2500 cubic yards
Contractor Linzini Excavating
Sample Identification S52 - 040899
Sample Date 04/08/99
Report Date 04/22/99

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.9
RCRA Metals			
Arsenic	mg/kg	2	5
Barium	mg/kg	0.9	30.3
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.9	11.6
Lead	mg/kg	5	10
Mercury	mg/kg	0.0542	ND
Selenium (7)	mg/kg	2	ND
Silver	mg/kg	0.9	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.02	ND
PCB 1221	mg/kg	0.02	ND
PCB 1232	mg/kg	0.02	ND
PCB 1242	mg/kg	0.02	ND
PCB 1248	mg/kg	0.02	ND
PCB 1254	mg/kg	0.02	ND
PCB 1260	mg/kg	0.02	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.3	ND
Acenaphthylene	mg/kg	0.3	ND
Anthracene	mg/kg	0.06	ND
Benzo a anthracene	mg/kg	0.006	0.0157
Benzo a pyrene	mg/kg	0.006	0.0136
Benzo b fluoranthene	mg/kg	0.006	0.013
Benzo ghi perylene	mg/kg	0.006	0.0104
Benzo k fluoranthene	mg/kg	0.006	ND
Chrysene	mg/kg	0.06	ND
Dibenzo a,h anthracene	mg/kg	0.006	ND
Fluoranthene	mg/kg	0.06	ND
Fluorene	mg/kg	0.06	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.006	ND
Naphthalene	mg/kg	0.3	ND
Phenanthrene	mg/kg	0.06	ND
Pyrene	mg/kg	0.06	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.05	ND
Benzene	mg/kg	0.02	ND
Bromodichloromethane	mg/kg	0.02	ND
Bromoform	mg/kg	0.02	ND
Bromomethane	mg/kg	0.05	ND
2-Butanone (MEK)	mg/kg	0.05	ND
Carbon disulfide	mg/kg	0.02	ND
Carbon tetrachloride	mg/kg	0.02	ND
Chlorobenzene	mg/kg	0.02	ND
Chlorodibromomethane	mg/kg	0.02	ND
Chloroethane	mg/kg	0.05	ND
2- Chloroethyl vinyl ether	mg/kg		NT
Chloroform	mg/kg	0.02	ND
Chloromethane	mg/kg	0.02	ND
1,1- Dichloroethane	mg/kg	0.02	ND
1,2- Dichloroethane	mg/kg	0.02	ND
1,1- Dichloroethene	mg/kg	0.02	ND
cis- 1,2- Dichloroethene	mg/kg	0.02	ND
trans-1,2-Dichloroethene	mg/kg	0.02	ND
1,2 Dichloropropane	mg/kg	0.02	ND
cis - 1,3 Dichloropropene	mg/kg	0.02	ND
trans - 1,3 Dichloropropene	mg/kg	0.02	ND
Ethylbenzene	mg/kg	0.02	ND
2 - Hexanone	mg/kg	0.1	ND
Methylene chloride (5)	mg/kg	0.05	0.26
4-Methyl-2-pentanone	mg/kg	0.05	ND
Styrene	mg/kg	0.02	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.02	ND
Tetrachloroethene	mg/kg	0.02	ND
Toluene	mg/kg	0.02	ND
1,1,1- Trichloroethane	mg/kg	0.02	ND
1,1,2-Trichloroethane	mg/kg	0.02	ND
Trichloroethene	mg/kg	0.02	ND
Trichlorofluoromethane	mg/kg		NT
Vinyl Acetate	mg/kg		NT
Vinyl Chloride	mg/kg	0.05	ND
Total Xylenes	mg/kg	0.05	ND

Notes:
1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Laboratory Artifact - Concentations found of this analyte are characteristic of laboratory artifact

Pile Identification	**Pile 7N**
Estimated Cell Volume	**3406 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Butterfield Road Cell 15**
Sample Date	**12/05/02**
Report Date	**12/13/02**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.42
RCRA Metals			
Arsenic	mg/kg	0.593	ND
Barium	mg/kg	0.0506	23.6
Cadmium	mg/kg	0.289	ND
Chromium	mg/kg	0.186	5.41
Lead	mg/kg	1.21	4.84
Mercury	mg/kg	0.0179	ND
Selenium	mg/kg	0.434	ND
Silver	mg/kg	1.37	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0361	ND
PCB 1221	mg/kg	0.0361	ND
PCB 1232	mg/kg	0.0361	ND
PCB 1242	mg/kg	0.0361	ND
PCB 1248	mg/kg	0.0361	ND
PCB 1254	mg/kg	0.0361	ND
PCB 1260	mg/kg	0.0361	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.145	ND
Acenaphthylene	mg/kg	0.289	ND
Anthracene	mg/kg	0.145	ND
Benzo a anthracene	mg/kg	0.0723	ND
Benzo a pyrene	mg/kg	0.00723	ND
Benzo b fluoranthene	mg/kg	0.0723	ND
Benzo ghi perylene	mg/kg	0.145	ND
Benzo k fluoranthene	mg/kg	0.145	ND
Chrysene	mg/kg	0.145	ND
Dibenzo a,h anthracene	mg/kg	0.00723	ND
Fluoranthene	mg/kg	0.145	ND
Fluorene	mg/kg	0.145	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0723	ND
Naphthalene	mg/kg	0.145	ND
Phenanthrene	mg/kg	0.145	ND
Pyrene	mg/kg	0.145	ND
VOCs (EPA Method 8260)			
Acetone (Note 6)	mg/kg	0.0266	0.0535
Benzene	mg/kg	0.00532	ND
Bromodichloromethane	mg/kg	0.00532	ND
Bromoform	mg/kg	0.00532	ND
Bromomethane	mg/kg	0.00532	ND
2-Butanone (MEK)	mg/kg	0.0106	ND
Carbon disulfide	mg/kg	0.00532	ND
Carbon tetrachloride	mg/kg	0.00532	ND
Chlorobenzene	mg/kg	0.00532	ND
Chlorodibromomethane	mg/kg	0.00532	ND
Chloroethane	mg/kg	0.00532	ND
2- Chloroethyl vinyl ether	mg/kg	NT	ND
Chloroform	mg/kg	0.00532	ND
Chloromethane	mg/kg	0.00532	ND
1,1- Dichloroethane	mg/kg	0.00532	ND
1,2- Dichloroethane	mg/kg	0.00532	ND
1,1- Dichloroethene	mg/kg	0.00532	ND
cis- 1,2- Dichloroethene	mg/kg	0.00532	ND
trans-1,2-Dichloroethene	mg/kg	0.00532	ND
1,2 Dichloropropane	mg/kg	0.00532	ND
cis - 1,3 Dichloropropene	mg/kg	0.00319	ND
trans - 1,3 Dichloropropene	mg/kg	0.00319	ND
Ethylbenzene	mg/kg	0.00532	ND
2 - Hexanone	mg/kg	0.0106	ND
Methylene chloride	mg/kg	0.00532	ND
4-Methyl-2-pentanone	mg/kg	0.0106	ND
Styrene	mg/kg	0.00532	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00532	ND
Tetrachloroethene	mg/kg	0.00532	ND
Toluene	mg/kg	0.00532	0.0115
1,1,1- Trichloroethane	mg/kg	0.00532	ND
1,1,2-Trichloroethane	mg/kg	0.00532	ND
Trichloroethene	mg/kg	0.00532	ND
Trichlorofluoromethane	mg/kg	0.00532	ND
Vinyl Acetate	mg/kg	0.0106	ND
Vinyl Chloride	mg/kg	0.00532	ND
Total Xylenes	mg/kg	0.00532	ND

Notes:

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2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.

Pile Identification	**Pile 7N**
Estimated Cell Volume	**3406 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Butterfield Road Cell 16**
Sample Date	**12/05/02**
Report Date	**12/13/02**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.31
RCRA Metals			
Arsenic	mg/kg	0.678	ND
Barium	mg/kg	0.0579	55.1
Cadmium	mg/kg	0.331	ND
Chromium	mg/kg	0.213	11.1
Lead	mg/kg	1.39	12.1
Mercury	mg/kg	0.0205	ND
Selenium	mg/kg	0.496	ND
Silver	mg/kg	1.56	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0413	ND
PCB 1221	mg/kg	0.0413	ND
PCB 1232	mg/kg	0.0413	ND
PCB 1242	mg/kg	0.0413	ND
PCB 1248	mg/kg	0.0413	ND
PCB 1254	mg/kg	0.0413	ND
PCB 1260	mg/kg	0.0413	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.165	ND
Acenaphthylene	mg/kg	0.331	ND
Anthracene	mg/kg	0.165	ND
Benzo a anthracene	mg/kg	0.0827	ND
Benzo a pyrene	mg/kg	0.00827	ND
Benzo b fluoranthene	mg/kg	0.0827	ND
Benzo ghi perylene	mg/kg	0.165	ND
Benzo k fluoranthene	mg/kg	0.165	ND
Chrysene	mg/kg	0.165	ND
Dibenzo a,h anthracene	mg/kg	0.00827	ND
Fluoranthene	mg/kg	0.165	ND
Fluorene	mg/kg	0.165	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0827	ND
Naphthalene	mg/kg	0.165	ND
Phenanthrene	mg/kg	0.165	ND
Pyrene	mg/kg	0.165	ND
VOCs (EPA Method 8260)			
Acetone (Note 5)	mg/kg	0.0413	0.166
Benzene	mg/kg	0.00827	ND
Bromodichloromethane	mg/kg	0.00827	ND
Bromoform	mg/kg	0.00827	ND
Bromomethane	mg/kg	0.00827	ND
2-Butanone (MEK)	mg/kg	0.0165	ND
Carbon disulfide	mg/kg	0.00827	ND
Carbon tetrachloride	mg/kg	0.00827	ND
Chlorobenzene	mg/kg	0.00827	ND
Chlorodibromomethane	mg/kg	0.00827	ND
Chloroethane	mg/kg	0.00827	ND
2- Chloroethyl vinyl ether	mg/kg	NT	ND
Chloroform	mg/kg	0.00827	ND
Chloromethane	mg/kg	0.00827	ND
1,1- Dichloroethane	mg/kg	0.00827	ND
1,2- Dichloroethane	mg/kg	0.00827	ND
1,1- Dichloroethene	mg/kg	0.00827	ND
cis- 1,2- Dichloroethene	mg/kg	0.00827	ND
trans-1,2-Dichloroethene	mg/kg	0.00827	ND
1,2 Dichloropropane	mg/kg	0.00827	ND
cis - 1,3 Dichloropropene	mg/kg	0.00496	ND
trans - 1,3 Dichloropropene	mg/kg	0.00496	ND
Ethylbenzene	mg/kg	0.00827	ND
2 - Hexanone	mg/kg	0.0165	ND
Methylene chloride	mg/kg	0.00827	ND
4-Methyl-2-pentanone	mg/kg	0.0165	ND
Styrene	mg/kg	0.00827	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00827	ND
Tetrachloroethene	mg/kg	0.00827	ND
Toluene	mg/kg	0.00827	0.0115
1,1,1- Trichloroethane	mg/kg	0.00827	ND
1,1,2-Trichloroethane	mg/kg	0.00827	ND
Trichloroethene	mg/kg	0.00827	ND
Trichlorofluoromethane	mg/kg	0.00827	ND
Vinyl Acetate	mg/kg	0.0165	ND
Vinyl Chloride	mg/kg	0.00827	ND
Total Xylenes	mg/kg	0.00827	ND

Notes:

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2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact

Pile Identification	**Pile 9N**
Estimated Cell Volume	**2184 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Butterfield Rd Cell 14 11/15-12/31/02**
Sample Date	**01/21/03**
Report Date	**01/29/03**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.09
RCRA Metals			
Arsenic	mg/kg	0.482	ND
Barium	mg/kg	0.0412	34.4
Cadmium	mg/kg	0.235	ND
Chromium	mg/kg	0.152	7.65
Lead	mg/kg	0.988	9.06
Mercury	mg/kg	0.0146	0.0197
Selenium	mg/kg	0.353	ND
Silver	mg/kg	1.11	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0294	ND
PCB 1221	mg/kg	0.0294	ND
PCB 1232	mg/kg	0.0294	ND
PCB 1242	mg/kg	0.0294	ND
PCB 1248	mg/kg	0.0294	ND
PCB 1254	mg/kg	0.0294	ND
PCB 1260	mg/kg	0.0294	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	1.18	ND
Acenaphthylene	mg/kg	2.35	ND
Anthracene	mg/kg	1.18	ND
Benzo a anthracene	mg/kg	0.588	ND
Benzo a pyrene	mg/kg	0.0588	0.0723
Benzo b fluoranthene	mg/kg	0.588	ND
Benzo ghi perylene	mg/kg	1.18	ND
Benzo k fluoranthene	mg/kg	1.18	ND
Chrysene	mg/kg	1.18	ND
Dibenzo a,h anthracene	mg/kg	0.0588	ND
Fluoranthene	mg/kg	1.18	ND
Fluorene	mg/kg	1.18	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.588	ND
Naphthalene	mg/kg	1.18	ND
Phenanthrene	mg/kg	1.18	ND
Pyrene	mg/kg	1.18	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.0328	ND
Benzene	mg/kg	0.0066	ND
Bromodichloromethane	mg/kg	0.0066	ND
Bromoform	mg/kg	0.0066	ND
Bromomethane	mg/kg	0.0066	ND
2-Butanone (MEK)	mg/kg	0.0131	ND
Carbon disulfide	mg/kg	0.0066	ND
Carbon tetrachloride	mg/kg	0.0066	ND
Chlorobenzene	mg/kg	0.0066	ND
Chlorodibromomethane	mg/kg	0.0066	ND
Chloroethane	mg/kg	0.0066	ND
2- Chloroethyl vinyl ether	mg/kg	NT	ND
Chloroform	mg/kg	0.00532	ND
Chloromethane	mg/kg	0.00532	ND
1,1- Dichloroethane	mg/kg	0.00532	ND
1,2- Dichloroethane	mg/kg	0.00532	ND
1,1- Dichloroethene	mg/kg	0.00532	ND
cis- 1,2- Dichloroethene	mg/kg	0.00532	ND
trans-1,2-Dichloroethene	mg/kg	0.00532	ND
1,2 Dichloropropane	mg/kg	0.00532	ND
cis - 1,3 Dichloropropene	mg/kg	0.00319	ND
trans - 1,3 Dichloropropene	mg/kg	0.00319	ND
Ethylbenzene	mg/kg	0.00532	ND
2 - Hexanone	mg/kg	0.0106	ND
Methylene chloride	mg/kg	0.00532	ND
4-Methyl-2-pentanone	mg/kg	0.0106	ND
Styrene	mg/kg	0.00532	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00532	ND
Tetrachloroethene	mg/kg	0.00532	ND
Toluene	mg/kg	0.00532	0.00772
1,1,1- Trichloroethane	mg/kg	0.00532	ND
1,1,2-Trichloroethane	mg/kg	0.00532	ND
Trichloroethene	mg/kg	0.00532	ND
Trichlorofluoromethane	mg/kg	0.00532	ND
Vinyl Acetate	mg/kg	0.0106	ND
Vinyl Chloride	mg/kg	0.00532	ND
Total Xylenes	mg/kg	0.00532	ND

Notes.

1. *NL = Not Listed*
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 10**
Estimated Cell Volume	**1222 cubic yards**
Contractor	**DK Contractors**
Sample Identification	**Abbott Labs & Lake County Cap**
Sample Date	**06/27/02**
Report Date	**07/01/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.08
RCRA Metals			
Arsenic	mg/kg	2.87	ND
Barium	mg/kg	28.7	57.4
Cadmium	mg/kg	0.573	ND
Chromium	mg/kg	0.573	14.3
Lead	mg/kg	1.15	17.3
Mercury	mg/kg	0.0459	ND
Selenium	mg/kg	1.15	ND
Silver	mg/kg	2.87	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0287	ND
PCB 1221	mg/kg	0.0287	ND
PCB 1232	mg/kg	0.0287	ND
PCB 1242	mg/kg	0.0287	ND
PCB 1248	mg/kg	0.0287	0.0403
PCB 1254	mg/kg	0.0287	ND
PCB 1260	mg/kg	0.0287	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.115	0.351
Acenaphthylene	mg/kg	0.229	ND
Anthracene	mg/kg	0.115	ND
Benzo a anthracene	mg/kg	0.0573	0.107
Benzo a pyrene	mg/kg	0.00573	0.151
Benzo b fluoranthene	mg/kg	0.0573	0.218
Benzo ghi perylene	mg/kg	0.115	ND
Benzo k fluoranthene	mg/kg	0.115	ND
Chrysene	mg/kg	0.115	0.155
Dibenzo a,h anthracene	mg/kg	0.00573	0.107
Fluoranthene	mg/kg	0.115	0.304
Fluorene	mg/kg	0.115	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0573	0.122
Naphthalene	mg/kg	0.115	0.528
Phenanthrene	mg/kg	0.115	0.224
Pyrene	mg/kg	0.115	0.3
VOCs (EPA Method 8260) - (5)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.01	ND
Carbon disulfide	mg/kg	0.005	ND
Carbon tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Chlorodibromomethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1- Dichloroethane	mg/kg	0.005	ND
1,2- Dichloroethane	mg/kg	0.005	ND
1,1- Dichloroethene	mg/kg	0.005	ND
cis- 1,2- Dichloroethene	mg/kg	0.005	ND
trans-1,2-Dichloroethene	mg/kg	0.005	ND
1,2 Dichloropropane	mg/kg	0.005	ND
cis - 1,3 Dichloropropene	mg/kg	0.003	ND
trans - 1,3 Dichloropropene	mg/kg	0.003	ND
Ethylbenzene	mg/kg	0.005	ND
2 - Hexanone	mg/kg	0.01	ND
Methylene chloride (Note 6,7)	mg/kg	0.005	0.00764
4-Methyl-2-pentanone	mg/kg	0.01	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	0.00552
1,1,1- Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.01	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.01	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Average of 2 samples.

Pile Identification	**Pile 10**
Estimated Cell Volume	**1807 cubic yards**
Contractor	**DK Contractors**
Sample Identification	**Lake Co. Cap 1/14 - 1/22**
Sample Date	**01/23/02**
Report Date	**02/06/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.01
RCRA Metals			
Arsenic	mg/kg	2.66	ND
Barium	mg/kg	26.6	64.6
Cadmium	mg/kg	0.532	ND
Chromium	mg/kg	0.532	13.2
Lead	mg/kg	1.06	50.6
Mercury	mg/kg	0.0426	0.074
Selenium	mg/kg	2.13	2.75
Silver	mg/kg	2.66	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0266	ND
PCB 1221	mg/kg	0.0266	ND
PCB 1232	mg/kg	0.0266	ND
PCB 1242	mg/kg	0.0266	ND
PCB 1248	mg/kg	0.0266	ND
PCB 1254	mg/kg	0.0283	ND
PCB 1260	mg/kg	0.0266	0.0854
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.106	ND
Acenaphthylene	mg/kg	0.213	ND
Anthracene	mg/kg	0.106	ND
Benzo a anthracene	mg/kg	0.0532	ND
Benzo a pyrene	mg/kg	0.00532	0.0164
Benzo b fluoranthene	mg/kg	0.0532	ND
Benzo ghi perylene	mg/kg	0.106	ND
Benzo k fluoranthene	mg/kg	0.106	ND
Chrysene	mg/kg	0.106	ND
Dibenzo a,h anthracene	mg/kg	0.00532	0.01
Fluoranthene	mg/kg	0.106	ND
Fluorene	mg/kg	0.106	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0532	ND
Naphthalene	mg/kg	0.106	ND
Phenanthrene	mg/kg	0.106	ND
Pyrene	mg/kg	0.106	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.0266	0.339
Benzene	mg/kg	0.00532	0.00612
Bromodichloromethane	mg/kg	0.00532	ND
Bromoform	mg/kg	0.00532	ND
Bromomethane	mg/kg	0.00532	ND
2-Butanone (MEK)	mg/kg	0.0106	ND
Carbon disulfide	mg/kg	0.00532	ND
Carbon tetrachloride	mg/kg	0.00532	ND
Chlorobenzene	mg/kg	0.00532	ND
Chlorodibromomethane	mg/kg	0.00532	ND
Chloroethane	mg/kg	0.00532	ND
2- Chloroethyl vinyl ether	mg/kg	NT	ND
Chloroform	mg/kg	0.00532	ND
Chloromethane	mg/kg	0.00532	ND
1,1- Dichloroethane	mg/kg	0.00532	ND
1,2- Dichloroethane	mg/kg	0.00532	ND
1,1- Dichloroethene	mg/kg	0.00532	ND
cis- 1,2- Dichloroethene	mg/kg	0.00532	ND
trans-1,2-Dichloroethene	mg/kg	0.00532	ND
1,2 Dichloropropane	mg/kg	0.00532	ND
cis - 1,3 Dichloropropene	mg/kg	0.00532	ND
trans - 1,3 Dichloropropene	mg/kg	0.00532	ND
Ethylbenzene	mg/kg	0.00532	ND
2 - Hexanone	mg/kg	0.0106	ND
Methylene chloride	mg/kg	0.00532	ND
4-Methyl-2-pentanone	mg/kg	0.0106	ND
Styrene	mg/kg	0.00532	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00532	ND
Tetrachloroethene	mg/kg	0.00532	ND
Toluene	mg/kg	0.00532	0.0234
1,1,1- Trichloroethane	mg/kg	0.00532	ND
1,1,2-Trichloroethane	mg/kg	0.00532	ND
Trichloroethene	mg/kg	0.00532	ND
Trichlorofluoromethane	mg/kg	0.00532	ND
Vinyl Acetate	mg/kg	0.0106	ND
Vinyl Chloride	mg/kg	0.00532	ND
Total Xylenes	mg/kg	0.00532	0.00833

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 11**
Estimated Cell Volume	**1339 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Linden and Sunset 7/26 - 8/9/02**
Sample Date	**09/19/02**
Report Date	**10/01/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.14
RCRA Metals			
Arsenic	mg/kg	2.21	ND
Barium	mg/kg	27.7	44.8
Cadmium	mg/kg	0.553	ND
Chromium	mg/kg	0.553	12.2
Lead	mg/kg	1.11	10.7
Mercury	mg/kg	0.0443	0.146
Selenium	mg/kg	1.11	ND
Silver	mg/kg	2.77	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0277	ND
PCB 1221	mg/kg	0.0277	ND
PCB 1232	mg/kg	0.0277	ND
PCB 1242	mg/kg	0.0277	ND
PCB 1248	mg/kg	0.0277	ND
PCB 1254	mg/kg	0.0277	ND
PCB 1260	mg/kg	0.0277	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.111	ND
Acenaphthylene	mg/kg	0.221	ND
Anthracene	mg/kg	0.111	ND
Benzo a anthracene	mg/kg	0.0553	ND
Benzo a pyrene	mg/kg	0.00553	0.00967
Benzo b fluoranthene	mg/kg	0.0553	ND
Benzo ghi perylene	mg/kg	0.111	ND
Benzo k fluoranthene	mg/kg	0.111	ND
Chrysene	mg/kg	0.111	ND
Dibenzo a,h anthracene	mg/kg	0.00553	ND
Fluoranthene	mg/kg	0.111	ND
Fluorene	mg/kg	0.111	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0553	ND
Naphthalene	mg/kg	0.111	ND
Phenanthrene	mg/kg	0.111	ND
Pyrene	mg/kg	0.111	ND
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.0277	0.0461
Benzene	mg/kg	0.00553	ND
Bromodichloromethane	mg/kg	0.00553	ND
Bromoform	mg/kg	0.00553	ND
Bromomethane	mg/kg	0.00553	ND
2-Butanone (MEK)	mg/kg	0.0111	ND
Carbon disulfide	mg/kg	0.00553	ND
Carbon tetrachloride	mg/kg	0.00553	ND
Chlorobenzene	mg/kg	0.00553	ND
Chlorodibromomethane	mg/kg	0.00553	ND
Chloroethane	mg/kg	0.00553	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00553	ND
Chloromethane	mg/kg	0.00553	ND
1,1- Dichloroethane	mg/kg	0.00553	ND
1,2- Dichloroethane	mg/kg	0.00553	ND
1,1- Dichloroethene	mg/kg	0.00553	ND
cis- 1,2- Dichloroethene	mg/kg	0.00553	ND
trans-1,2-Dichloroethene	mg/kg	0.00553	ND
1,2 Dichloropropane	mg/kg	0.00553	ND
cis - 1,3 Dichloropropene	mg/kg	0.00332	ND
trans - 1,3 Dichloropropene	mg/kg	0.00332	ND
Ethylbenzene	mg/kg	0.00553	ND
2 - Hexanone	mg/kg	0.0111	ND
Methylene chloride (5,6)	mg/kg	0.00553	0.00785
4-Methyl-2-pentanone	mg/kg	0.0111	ND
Styrene	mg/kg	0.00553	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00553	ND
Tetrachloroethene	mg/kg	0.00553	ND
Toluene	mg/kg	0.00553	ND
1,1,1- Trichloroethane	mg/kg	0.00553	ND
1,1,2-Trichloroethane	mg/kg	0.00553	ND
Trichloroethene	mg/kg	0.00553	ND
Trichlorofluoromethane	mg/kg	0.00553	ND
Vinyl Acetate	mg/kg	0.0111	ND
Vinyl Chloride	mg/kg	0.00553	ND
Total Xylenes	mg/kg	0.0111	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.
6. The method blank associated with this sample contains 10.0 ug/kg of this analyte.

Pile Identification	**Pile 11**
Estimated Cell Volume	**1833 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Washington Rd 8/8 - 10/7/02**
Sample Date	**10/09/02**
Report Date	**10/16/02**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	0.00665
pH	SU	0.1	8.85
RCRA Metals			
Arsenic	mg/kg	2.13	ND
Barium	mg/kg	26.6	39.9
Cadmium	mg/kg	0.533	ND
Chromium	mg/kg	0.533	14.4
Lead	mg/kg	1.07	43.4
Mercury	mg/kg	0.0426	ND
Selenium	mg/kg	1.07	ND
Silver	mg/kg	2.66	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0266	ND
PCB 1221	mg/kg	0.0266	ND
PCB 1232	mg/kg	0.0266	ND
PCB 1242	mg/kg	0.0266	ND
PCB 1248	mg/kg	0.0266	ND
PCB 1254	mg/kg	0.0266	ND
PCB 1260	mg/kg	0.0266	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	1.07	ND
Acenaphthylene	mg/kg	2.13	ND
Anthracene	mg/kg	1.07	ND
Benzo a anthracene	mg/kg	0.553	ND
Benzo a pyrene	mg/kg	0.0533	ND
Benzo b fluoranthene	mg/kg	1.07	ND
Benzo ghi perylene	mg/kg	1.07	ND
Benzo k fluoranthene	mg/kg	1.07	ND
Chrysene	mg/kg	1.07	ND
Dibenzo a,h anthracene	mg/kg	0.053	ND
Fluoranthene	mg/kg	1.07	ND
Fluorene	mg/kg	1.07	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.533	ND
Naphthalene	mg/kg	1.07	ND
Phenanthrene	mg/kg	1.07	ND
Pyrene	mg/kg	1.07	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.0266	ND
Benzene	mg/kg	0.00533	ND
Bromodichloromethane	mg/kg	0.00533	ND
Bromoform	mg/kg	0.00533	ND
Bromomethane	mg/kg	0.00533	ND
2-Butanone (MEK)	mg/kg	0.0107	ND
Carbon disulfide	mg/kg	0.00533	ND
Carbon tetrachloride	mg/kg	0.00533	ND
Chlorobenzene	mg/kg	0.00533	ND
Chlorodibromomethane	mg/kg	0.00533	ND
Chloroethane	mg/kg	0.00533	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00533	ND
Chloromethane	mg/kg	0.00533	ND
1,1- Dichloroethane	mg/kg	0.00533	ND
1,2- Dichloroethane	mg/kg	0.00533	ND
1,1- Dichloroethene	mg/kg	0.00533	ND
cis- 1,2- Dichloroethene	mg/kg	0.00533	ND
trans-1,2-Dichloroethene	mg/kg	0.00533	ND
1,2 Dichloropropane	mg/kg	0.00533	ND
cis - 1,3 Dichloropropene	mg/kg	0.0032	ND
trans - 1,3 Dichloropropene	mg/kg	0.0032	ND
Ethylbenzene	mg/kg	0.00533	ND
2 - Hexanone	mg/kg	0.0107	ND
Methylene chloride	mg/kg	0.00533	ND
4-Methyl-2-pentanone	mg/kg	0.0107	ND
Styrene	mg/kg	0.00533	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00533	ND
Tetrachloroethene	mg/kg	0.00533	ND
Toluene	mg/kg	0.00533	0.00647
1,1,1- Trichloroethane	mg/kg	0.00533	ND
1,1,2-Trichloroethane	mg/kg	0.00533	ND
Trichloroethene	mg/kg	0.00533	ND
Trichlorofluoromethane	mg/kg	0.00533	ND
Vinyl Acetate	mg/kg	0.0107	ND
Vinyl Chloride	mg/kg	0.00533	ND
Total Xylenes	mg/kg	0.0107	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 11**
Estimated Cell Volume	**2210 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**Metra 11/15 - 11/20**
Sample Date	**11/20/01**
Report Date	**11/30/01**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.13
RCRA Metals			
Arsenic (5)	mg/kg	2.5	11.04
Barium	mg/kg	25	30.8
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	8.83
Lead	mg/kg	1	39.8
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	0.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0262	ND
PCB 1221	mg/kg	0.0262	ND
PCB 1232	mg/kg	0.0262	ND
PCB 1242	mg/kg	0.0262	ND
PCB 1248	mg/kg	0.0262	ND
PCB 1254	mg/kg	0.0262	ND
PCB 1260	mg/kg	0.0262	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.105	ND
Acenaphthylene	mg/kg	0.209	ND
Anthracene	mg/kg	0.105	ND
Benzo a anthracene	mg/kg	0.0523	ND
Benzo a pyrene	mg/kg	0.00523	0.0218
Benzo b fluoranthene	mg/kg	0.0523	ND
Benzo ghi perylene	mg/kg	0.105	ND
Benzo k fluoranthene	mg/kg	0.105	ND
Chrysene	mg/kg	0.105	ND
Dibenzo a,h anthracene	mg/kg	0.00523	ND
Fluoranthene	mg/kg	0.105	ND
Fluorene	mg/kg	0.105	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0523	ND
Naphthalene	mg/kg	0.105	ND
Phenanthrene	mg/kg	0.105	ND
Pyrene	mg/kg	0.105	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.0262	ND
Benzene	mg/kg	0.00523	ND
Bromodichloromethane	mg/kg	0.00523	ND
Bromoform	mg/kg	0.00523	ND
Bromomethane	mg/kg	0.00523	ND
2-Butanone (MEK)	mg/kg	0.0105	ND
Carbon disulfide	mg/kg	0.00523	ND
Carbon tetrachloride	mg/kg	0.00523	ND
Chlorobenzene	mg/kg	0.00523	ND
Chlorodibromomethane	mg/kg	0.00523	ND
Chloroethane	mg/kg	0.00523	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00523	ND
Chloromethane	mg/kg	0.00523	ND
1,1- Dichloroethane	mg/kg	0.00523	ND
1,2- Dichloroethane	mg/kg	0.00523	ND
1,1- Dichloroethene	mg/kg	0.00523	ND
cis- 1,2- Dichloroethene	mg/kg	0.00523	ND
trans-1,2-Dichloroethene	mg/kg	0.00523	ND
1,2 Dichloropropane	mg/kg	0.00523	ND
cis - 1,3 Dichloropropene	mg/kg	0.00523	ND
trans - 1,3 Dichloropropene	mg/kg	0.00523	ND
Ethylbenzene	mg/kg	0.00523	ND
2 - Hexanone	mg/kg	0.0105	ND
Methylene chloride	mg/kg	0.00523	ND
4-Methyl-2-pentanone	mg/kg	0.0105	ND
Styrene	mg/kg	0.00523	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00523	ND
Tetrachloroethene	mg/kg	0.00523	ND
Toluene	mg/kg	0.00523	ND
1,1,1- Trichloroethane	mg/kg	0.00523	ND
1,1,2-Trichloroethane	mg/kg	0.00523	ND
Trichloroethene	mg/kg	0.00523	ND
Trichlorofluoromethane	mg/kg	0.00523	ND
Vinyl Acetate	mg/kg	0.0105	ND
Vinyl Chloride	mg/kg	0.00523	ND
Total Xylenes	mg/kg	0.00523	ND

Notes.

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. Average of 5 analyses, 1/2 the DL was used for ND results

Pile Identification	**Pile 11**
Estimated Cell Volume	**1495 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**GSA 12/18 - 12/26**
Sample Date	**01/03/02**
Report Date	**01/11/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.19
RCRA Metals			
Arsenic	mg/kg	2.66	ND
Barium	mg/kg	26.6	51.9
Cadmium	mg/kg	0.532	ND
Chromium	mg/kg	0.532	11.5
Lead	mg/kg	1.06	20.2
Mercury	mg/kg	0.0426	0.0451
Selenium (6)	mg/kg	2.3	1.71
Silver	mg/kg	2.66	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0 0266	ND
PCB 1221	mg/kg	0.0266	ND
PCB 1232	mg/kg	0.0266	ND
PCB 1242	mg/kg	0.0266	ND
PCB 1248	mg/kg	0.0266	ND
PCB 1254 (5)	mg/kg	0.0492	0.202
PCB 1260	mg/kg	0.0266	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	1.06	ND
Acenaphthylene	mg/kg	2.13	ND
Anthracene	mg/kg	1.06	ND
Benzo a anthracene	mg/kg	0.532	ND
Benzo a pyrene	mg/kg	0.0532	ND
Benzo b fluoranthene	mg/kg	0.532	ND
Benzo ghi perylene	mg/kg	1.06	ND
Benzo k fluoranthene	mg/kg	1.06	ND
Chrysene	mg/kg	1.06	ND
Dibenzo a,h anthracene	mg/kg	0.0532	ND
Fluoranthene	mg/kg	1.06	ND
Fluorene	mg/kg	1.06	ND
Indeno 1,2,3-cd pyrene	*mg/kg*	*0.532*	*ND*
Naphthalene	mg/kg	1.06	ND
Phenanthrene	mg/kg	1.06	ND
Pyrene	mg/kg	1.06	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.0266	ND
Benzene	mg/kg	0.00532	ND
Bromodichloromethane	mg/kg	0.00532	ND
Bromoform	*mg/kg*	0.00532	ND
Bromomethane	mg/kg	0.00532	ND
2-Butanone (MEK)	mg/kg	0.0106	ND
Carbon disulfide	mg/kg	0.00532	ND
Carbon tetrachloride	mg/kg	0.00532	ND
Chlorobenzene	mg/kg	0.00532	ND
Chlorodibromomethane	mg/kg	0.00532	ND
Chloroethane	mg/kg	0.00532	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00532	ND
Chloromethane	mg/kg	0.00532	ND
1,1- Dichloroethane	mg/kg	0.00532	ND
1,2- Dichloroethane	mg/kg	0.00532	ND
1,1- Dichloroethene	mg/kg	0.00532	ND
cis- 1,2- Dichloroethene	mg/kg	0.00532	ND
trans-1,2-Dichloroethene	mg/kg	0.00532	ND
1,2 Dichloropropane	mg/kg	0.00532	ND
cis - 1,3 Dichloropropene	mg/kg	0.00532	ND
trans - 1,3 Dichloropropene	mg/kg	0.00532	ND
Ethylbenzene	mg/kg	0.00532	ND
2 - Hexanone	mg/kg	0.0106	ND
Methylene chloride	mg/kg	0.00532	ND
4-Methyl-2-pentanone	mg/kg	0.0106	ND
Styrene	mg/kg	0.00532	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00532	ND
Tetrachloroethene	mg/kg	0.00532	ND
Toluene	mg/kg	0.00532	ND
1,1,1- Trichloroethane	mg/kg	0.00532	ND
1,1,2-Trichloroethane	mg/kg	0.00532	ND
Trichloroethene	mg/kg	0.00532	ND
Trichlorofluoromethane	mg/kg	0.00532	ND
Vinyl Acetate	mg/kg	0.0106	ND
Vinyl Chloride	mg/kg	0.00532	ND
Total Xylenes	*mg/kg*	*0.00532*	*ND*

Notes.

1 NL = Not Listed

2 NA = Not Applicable

3 ND = Not Detected

4 NT = Not Tested

5. Average of 5 analyses, 1/2 the DL was used for ND results.

6. *Average of 9 analyses, 1/2 the DL was used for ND results.*

Pile Identification	**Pile 11**
Estimated Cell Volume	**2730 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**Highland Park Condos 4/3 - 4/12**
Sample Date	**04/17/02**
Report Date	**04/26/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	7.13
RCRA Metals			
Arsenic	mg/kg	2.8	ND
Barium	mg/kg	28	38.3
Cadmium	mg/kg	0.561	2.86
Chromium	mg/kg	0.561	13.6
Lead	mg/kg	1.12	13.1
Mercury	mg/kg	0.0448	ND
Selenium	mg/kg	2.8	ND
Silver	mg/kg	2.8	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.028	ND
PCB 1221	mg/kg	0.028	ND
PCB 1232	mg/kg	0.028	ND
PCB 1242	mg/kg	0.028	ND
PCB 1248	mg/kg	0.028	ND
PCB 1254	mg/kg	0.028	ND
PCB 1260	mg/kg	0.028	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.112	ND
Acenaphthylene	mg/kg	0.224	ND
Anthracene	mg/kg	0.112	ND
Benzo a anthracene	mg/kg	0.0561	ND
Benzo a pyrene	mg/kg	0.00561	0.0102
Benzo b fluoranthene	mg/kg	0.0561	ND
Benzo ghi perylene	mg/kg	0.112	ND
Benzo k fluoranthene	mg/kg	0.112	ND
Chrysene	mg/kg	0.112	ND
Dibenzo a,h anthracene	mg/kg	0.00561	ND
Fluoranthene	mg/kg	0.112	ND
Fluorene	mg/kg	0.112	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0561	ND
Naphthalene	mg/kg	0.112	ND
Phenanthrene	mg/kg	0.112	0.198
Pyrene	mg/kg	0.112	ND
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.028	0.0435
Benzene	mg/kg	0.00561	ND
Bromodichloromethane	mg/kg	0.00561	ND
Bromoform	mg/kg	0.00561	ND
Bromomethane	mg/kg	0.00561	ND
2-Butanone (MEK)	mg/kg	0.0112	ND
Carbon disulfide	mg/kg	0.00561	ND
Carbon tetrachloride	mg/kg	0.00561	ND
Chlorobenzene	mg/kg	0.00561	ND
Chlorodibromomethane	mg/kg	0.00561	ND
Chloroethane	mg/kg	0.00561	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00561	ND
Chloromethane	mg/kg	0.00561	ND
1,1- Dichloroethane	mg/kg	0.00561	ND
1,2- Dichloroethane	mg/kg	0.00561	ND
1,1- Dichloroethene	mg/kg	0.00561	ND
cis- 1,2- Dichloroethene	mg/kg	0.00561	ND
trans-1,2-Dichloroethene	mg/kg	0.00561	ND
1,2 Dichloropropane	mg/kg	0.00561	ND
cis - 1,3 Dichloropropene	mg/kg	0.00336	ND
trans - 1,3 Dichloroproper e	mg/kg	0.00336	ND
Ethylbenzene	mg/kg	0.00561	ND
2 - Hexanone	mg/kg	0.0112	ND
Methylene chloride	mg/kg	0.00561	ND
4-Methyl-2-pentanone	mg/kg	0.0112	ND
Styrene	mg/kg	0.00561	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00561	ND
Tetrachloroethene	mg/kg	0.00561	ND
Toluene	mg/kg	0.00561	ND
1,1,1- Trichloroethane	mg/kg	0.00561	ND
1,1,2-Trichloroethane	mg/kg	0.00561	ND
Trichloroethene	mg/kg	0.00561	ND
Trichlorofluoromethane	mg/kg	0.00561	ND
Vinyl Acetate	mg/kg	0.0112	ND
Vinyl Chloride	mg/kg	0.00561	ND
Total Xylenes	mg/kg	0.00561	ND

Notes.

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact

Pile Identification	**Pile 12**
Estimated Cell Volume	**2500 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**Pickus Pile South**
Sample Date	**11/20/00**
Report Date	**12/01/00**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.95
RCRA Metals			
Arsenic	mg/kg	2.5	ND
Barium	mg/kg	25	26.7
Cadmium	mg/kg	0.5	ND
Chromium	mg/kg	0.5	10.8
Lead	mg/kg	1	6.29
Mercury	mg/kg	0.04	ND
Selenium	mg/kg	2.5	ND
Silver	mg/kg	2.5	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.025	ND
PCB 1221	mg/kg	0.025	ND
PCB 1232	mg/kg	0.025	ND
PCB 1242	mg/kg	0.025	ND
PCB 1248	mg/kg	0.025	ND
PCB 1254	mg/kg	0.025	ND
PCB 1260	mg/kg	0.025	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.030	ND
Acenaphthylene	mg/kg	0.200	ND
Anthracene	mg/kg	0.030	ND
Benzo a anthracene	mg/kg	0.030	ND
Benzo a pyrene	mg/kg	0.030	ND
Benzo b fluoranthene	mg/kg	0.030	ND
Benzo ghi perylene	mg/kg	0.030	ND
Benzo k fluoranthene	mg/kg	0.030	ND
Chrysene	mg/kg	0.030	ND
Dibenzo a,h anthracene	mg/kg	0.030	ND
Fluoranthene	mg/kg	0.030	ND
Fluorene	mg/kg	0.030	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.030	ND
Naphthalene	mg/kg	0.030	ND
Phenanthrene	mg/kg	0.030	ND
Pyrene	mg/kg	0.030	ND
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.025	ND
Benzene	mg/kg	0.005	ND
Bromodichloromethane	mg/kg	0.005	ND
Bromoform	mg/kg	0.005	ND
Bromomethane	mg/kg	0.005	ND
2-Butanone (MEK)	mg/kg	0.010	ND
Carbon Disulfide	mg/kg	0.005	ND
Carbon Tetrachloride	mg/kg	0.005	ND
Chlorobenzene	mg/kg	0.005	ND
Dibromochloromethane	mg/kg	0.005	ND
Chloroethane	mg/kg	0.005	ND
2-Chloroethyl Vinyl Ether	mg/kg	0.010	ND
Chloroform	mg/kg	0.005	ND
Chloromethane	mg/kg	0.005	ND
1,1-Dichloroethane	mg/kg	0.005	ND
1,2-Dichloroethane	mg/kg	0.005	ND
1,1-Dichloroethene	mg/kg	0.005	ND
cis 1,2-Dichloroethene	mg/kg	0.005	ND
trans 1,2-Dichloroethene	mg/kg	0.005	ND
1,2-Dichloropropane	mg/kg	0.005	ND
cis 1,3-Dichloropropene	mg/kg	0.005	ND
trans 1,3-Dichloropropene	mg/kg	0.005	ND
Ethylbenzene	mg/kg	0.005	ND
2-Hexanone	mg/kg	0.010	ND
Methylene Chloride	mg/kg	0.005	ND
4-Methyl-2-Pentanone	mg/kg	0.010	ND
Styrene	mg/kg	0.005	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.005	ND
Tetrachloroethene	mg/kg	0.005	ND
Toluene	mg/kg	0.005	ND
1,1,1-Trichloroethane	mg/kg	0.005	ND
1,1,2-Trichloroethane	mg/kg	0.005	ND
Trichloroethene	mg/kg	0.005	ND
Trichlorofluoromethane	mg/kg	0.005	ND
Vinyl Acetate	mg/kg	0.010	ND
Vinyl Chloride	mg/kg	0.005	ND
Total Xylenes	mg/kg	0.005	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested

Pile Identification	**Pile 13**
Estimated Cell Volume	**2886 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Butterfield Rd Cell 11 7/25-11/1/02**
Sample Date	**11/06/02**
Report Date	**11/15/02**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	0.062
pH	SU	0.1	8.49
RCRA Metals			
Arsenic	mg/kg	0.458	ND
Barium	mg/kg	27.9	59.2
Cadmium	mg/kg	0.223	ND
Chromium	mg/kg	0.144	10.9
Lead	mg/kg	0.938	55
Mercury	mg/kg	0.0138	0.057
Selenium	mg/kg	0.335	ND
Silver	mg/kg	1.06	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0279	ND
PCB 1221	mg/kg	0.0279	ND
PCB 1232	mg/kg	0.0279	ND
PCB 1242	mg/kg	0.0279	ND
PCB 1248	mg/kg	0.0279	ND
PCB 1254	mg/kg	0.0279	ND
PCB 1260	mg/kg	0.0279	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.112	ND
Acenaphthylene	mg/kg	0.223	ND
Anthracene	mg/kg	0.112	ND
Benzo a anthracene	mg/kg	0.0558	ND
Benzo a pyrene	mg/kg	0.00558	0.0511
Benzo b fluoranthene	mg/kg	0.0558	0.0923
Benzo ghi perylene	mg/kg	0.112	ND
Benzo k fluoranthene	mg/kg	0.112	ND
Chrysene	mg/kg	0.112	ND
Dibenzo a,h anthracene	mg/kg	0.00558	0.00939
Fluoranthene	mg/kg	0.112	ND
Fluorene	mg/kg	0.112	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0558	0.0634
Naphthalene	mg/kg	0.112	ND
Phenanthrene	mg/kg	0.112	ND
Pyrene	mg/kg	0.112	0.208
VOCs (EPA Method 8260)			
Acetone (5)	mg/kg	0.0233	0.0792
Benzene	mg/kg	0.00466	ND
Bromodichloromethane	mg/kg	0.00466	ND
Bromoform	mg/kg	0.00466	ND
Bromomethane	mg/kg	0.00466	ND
2-Butanone (MEK)	mg/kg	0.00932	ND
Carbon disulfide	mg/kg	0.00466	ND
Carbon tetrachloride	mg/kg	0.00466	ND
Chlorobenzene	mg/kg	0.00466	ND
Chlorodibromomethane	mg/kg	0.00466	ND
Chloroethane	mg/kg	0.00466	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00466	ND
Chloromethane	mg/kg	0.00466	ND
1,1- Dichloroethane	mg/kg	0.00466	ND
1,2- Dichloroethane	mg/kg	0.00466	ND
1,1- Dichloroethene	mg/kg	0.00466	ND
cis- 1,2- Dichloroethene	mg/kg	0.00466	ND
trans-1,2-Dichloroethene	mg/kg	0.00466	ND
1,2 Dichloropropane	mg/kg	0.00466	ND
cis - 1,3 Dichloropropene	mg/kg	0.0028	ND
trans - 1,3 Dichloropropene	mg/kg	0.0028	ND
Ethylbenzene	mg/kg	0.00466	ND
2 - Hexanone	mg/kg	0.00932	ND
Methylene chloride	mg/kg	0.00466	ND
4-Methyl-2-pentanone	mg/kg	0.00932	ND
Styrene	mg/kg	0.00466	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00466	ND
Tetrachloroethene	mg/kg	0.00466	ND
Toluene	mg/kg	0.00466	0.00559
1,1,1- Trichloroethane	mg/kg	0.00466	ND
1,1,2-Trichloroethane	mg/kg	0.00466	ND
Trichloroethene	mg/kg	0.00466	ND
Trichlorofluoromethane	mg/kg	0.00466	ND
Vinyl Acetate	mg/kg	0.00932	ND
Vinyl Chloride	mg/kg	0.00466	ND
Total Xylenes	mg/kg	0.00932	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.

Pile Identification	**Pile 13**
Estimated Cell Volume	**2860 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Butterfield Rd Cell 12 11/04-11/06/02**
Sample Date	**11/06/02**
Report Date	**11/15/02**

Compound	Units	Lab Detection	Sample Results
SPLP Lead	mg/L	0.005	0.0139
pH	SU	0.1	8.37
RCRA Metals			
Arsenic	mg/kg	0.45	ND
Barium	mg/kg	27.5	54.9
Cadmium	mg/kg	0.22	ND
Chromium	mg/kg	0.142	11.2
Lead	mg/kg	0.922	13.5
Mercury	mg/kg	0.0136	0.024
Selenium	mg/kg	0.329	ND
Silver	mg/kg	1.04	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0275	ND
PCB 1221	mg/kg	0.0275	ND
PCB 1232	mg/kg	0.0275	ND
PCB 1242	mg/kg	0.0275	ND
PCB 1248	mg/kg	0.0275	ND
PCB 1254	mg/kg	0.0275	ND
PCB 1260	mg/kg	0.0275	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.11	ND
Acenaphthylene	mg/kg	0.22	ND
Anthracene	mg/kg	0.11	ND
Benzo a anthracene	mg/kg	0.0549	ND
Benzo a pyrene	mg/kg	0.00549	0.0237
Benzo b fluoranthene	mg/kg	0.0549	ND
Benzo ghi perylene	mg/kg	0.11	ND
Benzo k fluoranthene	mg/kg	0.11	ND
Chrysene	mg/kg	0.11	ND
Dibenzo a,h anthracene	mg/kg	0.00549	ND
Fluoranthene	mg/kg	0.11	ND
Fluorene	mg/kg	0.11	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0549	ND
Naphthalene	mg/kg	0.11	ND
Phenanthrene	mg/kg	0.11	ND
Pyrene	mg/kg	0.11	ND
VOCs (EPA Method 8260)			
Acetone (Note 5)	mg/kg	0.0231	0.177
Benzene	mg/kg	0.00461	ND
Bromodichloromethane	mg/kg	0.00461	ND
Bromoform	mg/kg	0.00461	ND
Bromomethane	mg/kg	0.00461	ND
2-Butanone (MEK)	mg/kg	0.00923	0.0182
Carbon disulfide	mg/kg	0.00461	ND
Carbon tetrachloride	mg/kg	0.00461	ND
Chlorobenzene	mg/kg	0.00461	ND
Chlorodibromomethane	mg/kg	0.00461	ND
Chloroethane	mg/kg	0.00461	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00461	ND
Chloromethane	mg/kg	0.00461	ND
1,1- Dichloroethane	mg/kg	0.00461	ND
1,2- Dichloroethane	mg/kg	0.00461	ND
1,1- Dichloroethene	mg/kg	0.00461	ND
cis- 1,2- Dichloroethene	mg/kg	0.00461	ND
trans-1,2-Dichloroethene	mg/kg	0.00461	ND
1,2 Dichloropropane	mg/kg	0.00461	ND
cis - 1,3 Dichloropropene	mg/kg	0.00277	ND
trans - 1,3 Dichloropropene	mg/kg	0.00277	ND
Ethylbenzene	mg/kg	0.00461	ND
2 - Hexanone	mg/kg	0.00923	ND
Methylene chloride	mg/kg	0.00461	ND
4-Methyl-2-pentanone	mg/kg	0.00923	ND
Styrene	mg/kg	0.00461	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00461	ND
Tetrachloroethene	mg/kg	0.00461	ND
Toluene	mg/kg	0.00461	0.00523
1,1,1- Trichloroethane	mg/kg	0.00461	ND
1,1,2-Trichloroethane	mg/kg	0.00461	ND
Trichloroethene	mg/kg	0.00461	ND
Trichlorofluoromethane	mg/kg	0.00461	ND
Vinyl Acetate	mg/kg	0.00923	ND
Vinyl Chloride	mg/kg	0.00461	ND
Total Xylenes	mg/kg	0.00923	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.

Pile Identification	**Pile 13**
Estimated Cell Volume	**3276 cubic yards**
Contractor	**Campanella and Sons, Inc.**
Sample Identification	**Butterfield Rd Cell 13 11/06-11/08/02**
Sample Date	**11/08/02**
Report Date	**11/20/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	0.0107
pH	SU	0.1	8.26
RCRA Metals			
Arsenic	mg/kg	0.461	ND
Barium	mg/kg	28.1	51.2
Cadmium	mg/kg	0.225	ND
Chromium	mg/kg	0.145	17.4
Lead	mg/kg	0.945	17.5
Mercury	mg/kg	0.014	0.026
Selenium	mg/kg	0.338	ND
Silver	mg/kg	1.06	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0281	ND
PCB 1221	mg/kg	0.0281	ND
PCB 1232	mg/kg	0 0281	ND
PCB 1242	mg/kg	0.0281	ND
PCB 1248	mg/kg	0.0281	ND
PCB 1254	mg/kg	0.0281	ND
PCB 1260	mg/kg	0.0281	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.113	0.6
Acenaphthylene	mg/kg	0.225	ND
Anthracene	mg/kg	0.113	ND
Benzo a anthracene	mg/kg	0.0563	0.522
Benzo a pyrene	mg/kg	0.00563	0.209
Benzo b fluoranthene	mg/kg	0.0563	0.277
Benzo ghi perylene	mg/kg	0.113	0.491
Benzo k fluoranthene	mg/kg	0.113	ND
Chrysene	mg/kg	0.113	0.82
Dibenzo a,h anthracene	mg/kg	0.00563	0.18
Fluoranthene	mg/kg	0.113	0.175
Fluorene	mg/kg	0.113	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0563	0.269
Naphthalene	mg/kg	0.113	ND
Phenanthrene	mg/kg	0.113	ND
Pyrene	mg/kg	0.113	0.728
VOCs (EPA Method 8260)			
Acetone (Notes 5,6)	mg/kg	0.0281	0.235
Benzene	mg/kg	0.00563	ND
Bromodichloromethane	mg/kg	0.00563	ND
Bromoform	mg/kg	0.00563	ND
Bromomethane	mg/kg	0.00563	ND
2-Butanone (MEK)	mg/kg	0.0113	ND
Carbon disulfide	mg/kg	0.00563	ND
Carbon tetrachloride	mg/kg	0.00563	ND
Chlorobenzene	mg/kg	0.00563	ND
Chlorodibromomethane	mg/kg	0.00563	ND
Chloroethane	mg/kg	0.00563	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00563	ND
Chloromethane	mg/kg	0.00563	ND
1,1- Dichloroethane	mg/kg	0.00563	ND
1,2- Dichloroethane	mg/kg	0.00563	ND
1,1- Dichloroethene	mg/kg	0.00563	ND
cis- 1,2- Dichloroethene	mg/kg	0.00563	ND
trans-1,2-Dichloroethene	mg/kg	0.00563	ND
1,2 Dichloropropane	mg/kg	0.00563	ND
cis - 1,3 Dichloropropene	mg/kg	0.00338	ND
trans - 1,3 Dichloropropene	mg/kg	0.00338	ND
Ethylbenzene	mg/kg	0.00563	ND
2 - Hexanone	mg/kg	0.0113	ND
Methylene chloride	mg/kg	0.00563	ND
4-Methyl-2-pentanone	mg/kg	0.0113	ND
Styrene	mg/kg	0.00563	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00563	ND
Tetrachloroethene	mg/kg	0.00563	ND
Toluene	mg/kg	0.00563	0.00833
1,1,1- Trichloroethane	mg/kg	0.00563	ND
1,1,2-Trichloroethane	mg/kg	0.00563	ND
Trichloroethene	mg/kg	0.00563	ND
Trichlorofluoromethane	mg/kg	0.00563	ND
Vinyl Acetate	mg/kg	0.0113	ND
Vinyl Chloride	mg/kg	0.00563	ND
Total Xylenes	mg/kg	0.0113	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.
6. The method blank associated with this sample contains 107 ug/kg of this analyte.

Pile Identification	**Pile 13**
Estimated Cell Volume	**3159 cubic yards**
Contractor	**The Pickus Companies**
Sample Identification	**Metra 8/5 - 9/11/02**
Sample Date	**10/01/02**
Report Date	**10/10/02**

Compound	Units	Lab Detection Limit	Sample Results
SPLP Lead	mg/L	0.005	ND
pH	SU	0.1	8.37
RCRA Metals			
Arsenic	mg/kg	2.23	11.2
Barium	mg/kg	27.8	50.7
Cadmium	mg/kg	0.557	ND
Chromium	mg/kg	0.557	11.6
Lead	mg/kg	1.11	37.3
Mercury	mg/kg	0.0445	0.197
Selenium	mg/kg	1.11	ND
Silver	mg/kg	2.78	ND
PCBs (EPA Method 8080)			
PCB 1016	mg/kg	0.0278	ND
PCB 1221	mg/kg	0.0278	ND
PCB 1232	mg/kg	0.0278	ND
PCB 1242	mg/kg	0.0278	ND
PCB 1248	mg/kg	0.0278	ND
PCB 1254	mg/kg	0.0278	ND
PCB 1260	mg/kg	0.0278	ND
PNAs (EPA Method 8310)			
Acenaphthene	mg/kg	0.111	ND
Acenaphthylene	mg/kg	0.223	ND
Anthracene	mg/kg	0.111	ND
Benzo a anthracene	mg/kg	0.0557	0.111
Benzo a pyrene	mg/kg	0.00557	0.151
Benzo b fluoranthene	mg/kg	0.0557	0.16
Benzo ghi perylene	mg/kg	0.111	ND
Benzo k fluoranthene	mg/kg	0.111	ND
Chrysene	mg/kg	0.111	0.132
Dibenzo a,h anthracene	mg/kg	0.00557	0.0225
Fluoranthene	mg/kg	0.111	0.129
Fluorene	mg/kg	0.111	ND
Indeno 1,2,3-cd pyrene	mg/kg	0.0557	0.115
Naphthalene	mg/kg	0.111	ND
Phenanthrene	mg/kg	0.111	ND
Pyrene	mg/kg	0.111	0.197
VOCs (EPA Method 8260)			
Acetone	mg/kg	0.0367	ND
Benzene	mg/kg	0.00734	ND
Bromodichloromethane	mg/kg	0.00734	ND
Bromoform	mg/kg	0.00734	ND
Bromomethane	mg/kg	0.00734	ND
2-Butanone (MEK)	mg/kg	0.0147	ND
Carbon disulfide	mg/kg	0.00734	ND
Carbon tetrachloride	mg/kg	0.00734	ND
Chlorobenzene	mg/kg	0.00734	ND
Chlorodibromomethane	mg/kg	0.00734	ND
Chloroethane	mg/kg	0.00734	ND
2- Chloroethyl vinyl ether	mg/kg	NT	NT
Chloroform	mg/kg	0.00734	ND
Chloromethane	mg/kg	0.00734	ND
1,1- Dichloroethane	mg/kg	0.00734	ND
1,2- Dichloroethane	mg/kg	0.00734	ND
1,1- Dichloroethene	mg/kg	0.00734	ND
cis- 1,2- Dichloroethene	mg/kg	0.00734	ND
trans-1,2-Dichloroethene	mg/kg	0.00734	ND
1,2 Dichloropropane	mg/kg	0.00734	ND
cis - 1,3 Dichloropropene	mg/kg	0.00441	ND
trans - 1,3 Dichloropropene	mg/kg	0.00441	ND
Ethylbenzene	mg/kg	0.00734	ND
2 - Hexanone	mg/kg	0.0147	ND
Methylene chloride (5)	mg/kg	0.00734	0.0125
4-Methyl-2-pentanone	mg/kg	0.0147	ND
Styrene	mg/kg	0.00734	ND
1,1,2,2-Tetrachloroethane	mg/kg	0.00734	ND
Tetrachloroethene	mg/kg	0.00734	ND
Toluene	mg/kg	0.00734	ND
1,1,1- Trichloroethane	mg/kg	0.00734	ND
1,1,2-Trichloroethane	mg/kg	0.00734	ND
Trichloroethene	mg/kg	0.00734	ND
Trichlorofluoromethane	mg/kg	0.00734	ND
Vinyl Acetate	mg/kg	0.0147	ND
Vinyl Chloride	mg/kg	0.00734	ND
Total Xylenes	mg/kg	0.00734	ND

Notes:

1. NL = Not Listed
2. NA = Not Applicable
3. ND = Not Detected
4. NT = Not Tested
5. The concentration of the analyte detected in the sample is characteristic of a laboratory artifact. The method blank associated with this sample contains 5.51 ug/kg of this analyte.