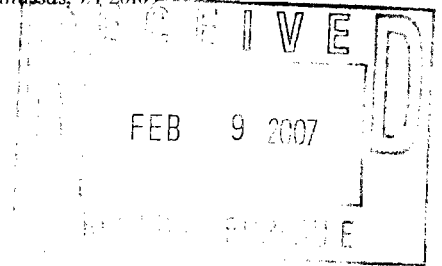




8976 Wellington Road  
Manassas, VA 20109



February 7, 2007

Robert C. Knizek, P.E.  
Director, Remedial Bureau E  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
625 Broadway  
Albany, NY 12233-7013

Re: Transmittal of Analytical Summary Report  
Operable Unit #4: Ideal Cleaners Area – Focused Feasibility Study  
Order on Consent Index #A7-0502-0104, Site #704014

Dear Mr. Knizek:

Attached please find a location map and tables of soil boring information and validated soil analytical chemistry data generated during the second half of 2006 at the Site. Also attached is a CD containing corresponding PDF versions of the location map and tables plus native Excel files for each of the tables. This data, together with this letter, comprise an Analytical Summary Report (ASR) submittal in accordance with the following documents:

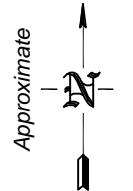
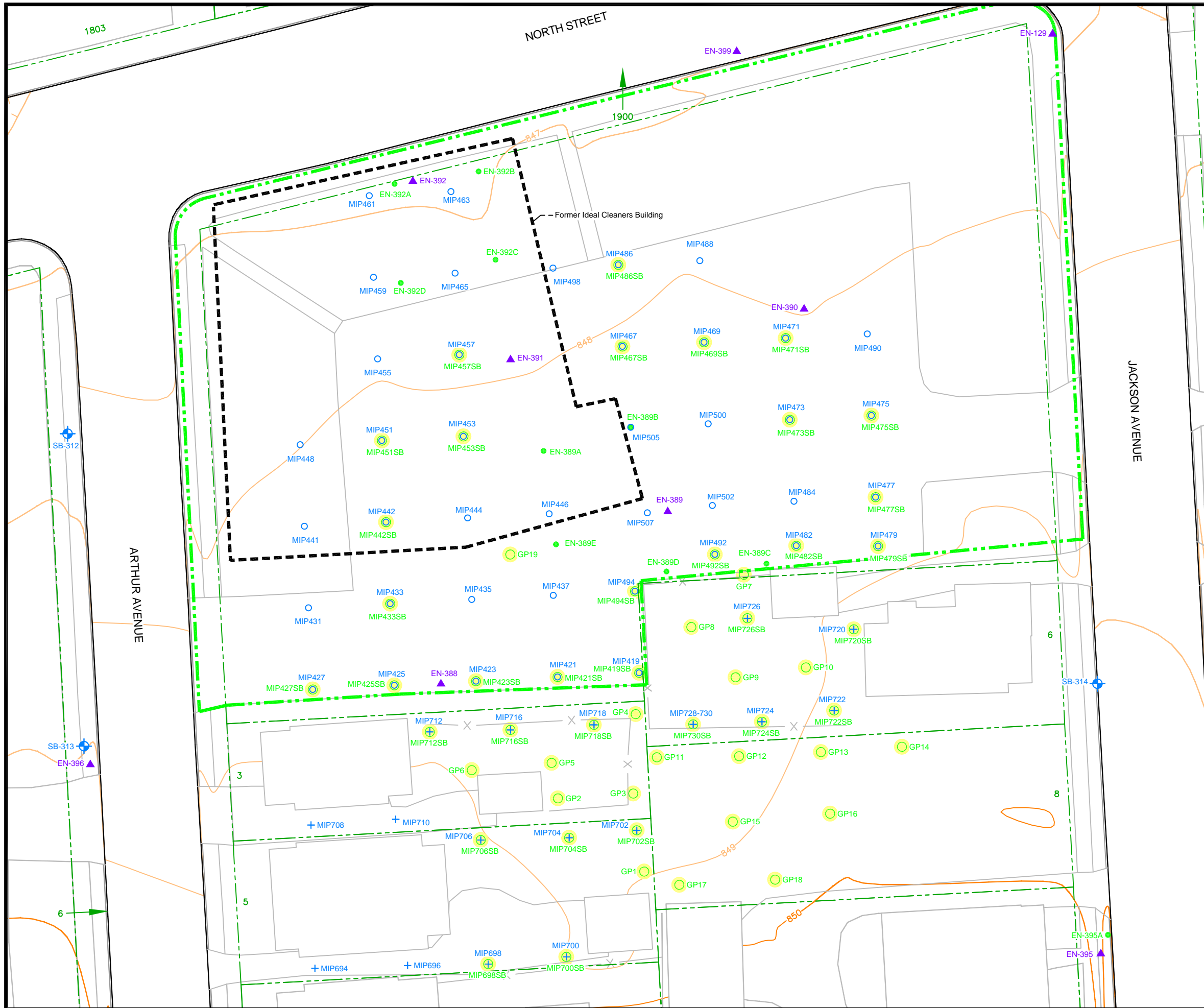
1. *Order on Consent Index #A7-0502-0104, Site #704014* dated August 4, 2004 (Subparagraph XII.B);
2. *Final Focused Feasibility Study Work Plan, Operable Unit #4: Ideal Cleaners Area*, dated November 28, 2006.

Should you have any questions concerning this ASR, please contact me at 703-257-2587.

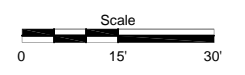
Sincerely,

Mitchell E. Meyers  
Program Manager

cc: K. Lynch, NYSDEC - Region 7  
D. Tuohy, NYSDEC - Albany  
G. Litwin, NYSDOH - Troy  
R. Denz, Broome County Health Department



- LEGEND**
- + - Location and Designation of Membrane Interface Probe (Nov. 2006)
  - - Location and Designation of Membrane Interface Probe (May 2005)
  - - Location and Designation of Soil Boring (Sept./Nov. 2006)
  - - Location and Designation of Soil Boring (Sept./Oct. 2004)
  - ▲ - Location and Designation of Upper Aquifer Monitoring Well
  - ⊕ - Location and Designation of Soil Boring for Physical Testing Parameters (Sept. 2006)
  - - Former Ideal Cleaners Property
  - - - - - Property Line (with Lot Numbers)
  - - Former Ideal Cleaners Building



**Former IBM Endicott Site  
Site #704014**

**Field Explorations**

DRAWN BY: JPB/MHM	DATE: 1/22/07	DRAWING NO.
CHECKED & APPROVED BY: RCW		22007-240-B2

**GROUNDWATER SCIENCES CORPORATION**

**Physical Well Data - OU#4: Former Ideal Cleaners Area  
 Focused Feasibility Study - Analytical Summary Report  
 Former IBM Endicott Site, Endicott, New York**

Well ID	Northing	Easting	Location Description	Installation Date	Drilled Depth	Boring Diameter	Cinder Fill	Soil Fill	Sand & Gravel
	(grid feet)	(grid feet)			(ft bgs)	(in)	(ft bgs)	(ft bgs)	(ft bgs)
<b>OU#4 FFS SOIL BORINGS</b>									
GP1	967509.5	767539.7	5 Arthur Avenue	01-Nov-06	14	2.125	-	0 to 2.5	2.5 to 14
GP2	967483.1	767562.1	3 Arthur Avenue	02-Nov-06	14	2.125	-	0 to 11	11 to 14
GP3	967506.1	767563.6	3 Arthur Avenue	02-Nov-06	14	2.125	-	0 to 13	13 to 14
GP4	967506.9	767587.9	3 Arthur Avenue	06-Nov-06	14	2.125	-	0 to 11	11 to 14
GP5	967481.2	767572.9	3 Arthur Avenue	08-Nov-06	14	2.125	-	0 to 11	11 to 14
GP6	967456.7	767570.7	3 Arthur Avenue	09-Nov-06	14	2.125	-	0 to 13	13 to 14
GP7	967540.0	767630.5	6 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 9	9 to 14
GP8	967523.9	767614.5	6 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 11	11 to 14
GP9	967537.4	767599.1	6 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 11	11 to 14
GP10	967559.0	767602.1	6 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 8	8 to 14
GP11	967513.4	767574.6	8 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 12	12 to 14
GP12	967538.5	767575.0	8 Jackson Avenue	10-Nov-06	14	2.125	-	0 to 14	-
GP13	967563.6	767576.2	8 Jackson Avenue	10-Nov-06	14	2.125	-	0 to 11	11 to 14
GP14	967588.3	767577.9	8 Jackson Avenue	10-Nov-06	14	2.125	-	0 to 11	11 to 14
GP15	967536.6	767554.9	8 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 14	-
GP16	967566.4	767557.4	8 Jackson Avenue	10-Nov-06	14	2.125	-	0 to 13	13 to 14
GP17	967520.2	767535.6	8 Jackson Avenue	09-Nov-06	14	2.125	-	0 to 3.5	3.5 to 14
GP18	967549.5	767537.2	8 Jackson Avenue	10-Nov-06	14	2.125	-	0 to 12.5	12.5 to 14
GP19	967468.5	767636.7	1900 North Street	10-Nov-06	14	2.125	0 to 3	3 to 5	5 to 14
MIP419SB	967507.9	767600.5	1900 North Street	28-Sep-06	14	8.0	0 to 2	2 to 10.3	10.3 to 14
MIP421SB	967483.0	767599.2	1900 North Street	29-Sep-06	14	8.0	0 to 2	2 to 10	10 to 14
MIP423SB	967458.0	767597.9	1900 North Street	29-Sep-06	14	8.0	0 to 1.9	1.9 to 11.5	11.5 to 14
MIP425SB	967433.0	767596.7	1900 North Street	29-Sep-06	14	8.0	0 to 3	3 to 11	11 to 14
MIP427SB	967408.1	767595.4	1900 North Street	08-Nov-06	14	2.125	-	0 to 6.5	6.5 to 14
MIP433SB	967431.8	767621.6	1900 North Street	04-Oct-06	14	8.0	0 to 2	2 to 6.5	6.5 to 14
MIP442SB	967430.5	767646.6	1900 North Street	04-Oct-06	14	8.0	-	0 to 7	7 to 14
MIP451SB	967429.2	767671.6	1900 North Street	07-Nov-06	14	2.125	-	0 to 10	10 to 14
MIP453SB	967454.2	767672.8	1900 North Street	03-Oct-06	14	8.0	0 to 8	8 to 13	13 to 14
MIP457SB	967452.9	767697.8	1900 North Street	08-Nov-06	14	2.125	0 to 5	5 to 12.5	12.5 to 14
MIP467SB	967502.9	767700.3	1900 North Street	03-Oct-06	14	8.0	0 to 2	2 to 9.5	9.5 to 14
MIP469SB	967527.8	767701.6	1900 North Street	03-Oct-06	14	8.0	0 to 5	5 to 9	9 to 14
MIP471SB	967552.8	767702.9	1900 North Street	08-Nov-06	14	2.125	0 to 4.5	4.5 to 10	10 to 14
MIP473SB	967554.1	767677.9	1900 North Street	03-Oct-06	14	8.0	0 to 2	2 to 9	9 to 14
MIP475SB	967579.0	767679.2	1900 North Street	08-Nov-06	14	2.125	0 to 2	2 to 12	12 to 14
MIP477SB	967580.3	767654.2	1900 North Street	08-Nov-06	14	2.125	0 to 3.5	3.5 to 10	10 to 14
MIP479SB	967581.1	767639.3	1900 North Street	08-Nov-06	14	2.125	0 to 4	4 to 10	10 to 14
MIP482SB	967556.0	767639.4	1900 North Street	02-Oct-06	14	8.0	0 to 4	4 to 8.5	8.5 to 14
MIP486SB	967501.6	767725.3	1900 North Street	08-Nov-06	14	2.125	-	0 to 12	12 to 14
MIP492SB	967531.1	767636.7	1900 North Street	02-Oct-06	14	8.0	0 to 6	6 to 9.5	9.5 to 14
MIP494SB	967506.7	767625.4	1900 North Street	27-Sep-06	14	8.0	0 to 6	6 to 9.8	9.8 to 14
MIP698SB	967461.7	767511.4	5 Arthur Avenue	01-Nov-06	14	2.125	-	0 to 2	2 to 14
MIP700SB	967485.7	767513.6	5 Arthur Avenue	01-Nov-06	14	2.125	-	0 to 2.5	2.5 to 14
MIP702SB	967507.2	767552.3	5 Arthur Avenue	02-Nov-06	14	2.125	-	0 to 7.5	7.5 to 14
MIP704SB	967486.5	767550.0	5 Arthur Avenue	02-Nov-06	14	2.125	-	0 to 2	2 to 14
MIP706SB	967459.5	767549.3	5 Arthur Avenue	06-Nov-06	14	2.125	-	0 to 7	7 to 14
MIP712SB	967443.9	767582.4	3 Arthur Avenue	06-Nov-06	14	2.125	-	0 to 10	10 to 14
MIP716SB	967468.6	767583.0	3 Arthur Avenue	06-Nov-06	14	2.125	-	0 to 14	-
MIP718SB	967494.1	767584.6	3 Arthur Avenue	06-Nov-06	14	2.125	-	0 to 11	11 to 14
MIP720SB	967573.6	767613.8	6 Jackson Avenue	06-Nov-06	14	2.125	-	0 to 9	9 to 14
MIP722SB	967567.6	767589.0	6 Jackson Avenue	06-Nov-06	14	2.125	-	0 to 12	12 to 14
MIP724SB	967545.5	767585.5	6 Jackson Avenue	03-Nov-06	14	2.125	-	0 to 12	12 to 14
MIP726SB	967541.1	767617.2	6 Jackson Avenue	03-Nov-06	14	2.125	-	0 to 11	11 to 14
MIP730SB	967524.5	767584.7	6 Jackson Avenue	03-Nov-06	14	2.125	-	0 to 11	11 to 14
SB-312	967333.1	767673.6	East of 6 Arthur Avenue	28-Sep-06	14	8.0	-	0 to 4	4 to 14
SB-313	967338.1	767578.0	East of 6 Arthur Avenue	26-Sep-06	14	8.0	-	0 to 3	3 to 14
SB-314	967648.2	767597.1	East of 6 Jackson Avenue	27-Sep-06	14	8.0	-	0 to 2.2	2.2 to 14

**Notes:**

Planar coordinates are based on taped measurements made by GSC personnel relative to prominent site features.  
 Coordinate base is New York State Central, NAD1983.

**Key:**

ft bgs = feet below ground surface  
 "-" = soil type not encountered

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	GP01	GP01	GP01	GP01	GP01	GP01
Sample Description	3'	5'	6'	8'	10'	12'
Sample Date	11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006
Laboratory Sample I.D.	4905287	4905288	4905289	4905290	4905291	4905292

**Parameter**                      **Units**

**Indicator Parameters**

MOISTURE	%	8.4	14.7	11.4	12.1	6.6	11
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA

**Alcohols, Acetates, Aldehydes, Ketones**

ETHYL METHACRYLATE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2,600.	ND@2,300. J	ND@2,400. J	ND@2,300.	ND@2,400.	ND@2,700.

**Base/Neutral Extractables**

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@530.	ND@470. J	ND@480. J	ND@450.	ND@480.	ND@530.
3-CHLOROPROPENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.

**Volatile Organics**

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,1,1-TRICHLOROETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@530.	ND@470. J	ND@480. J	ND@450.	ND@480.	ND@530.
1,1,2-TRICHLOROETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,1-DICHLOROETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,1-DICHLOROETHENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,1-DICHLOROPROPENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2,3-TRICHLOROBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2,3-TRICHLOROPROPANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2,4-TRICHLOROBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2-DIBROMOETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2-DICHLOROBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2-DICHLOROETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,2-DICHLOROPROPANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,3-DICHLOROBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,3-DICHLOROPROPANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,4-DICHLOROBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
2-CHLOROTOLUENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
4-CHLOROTOLUENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5,300.	ND@4,700. J	ND@4,800. J	ND@4,500.	ND@4,800.	ND@5,300.
ACRYLONITRILE	ug/kg	ND@1,100.	ND@940. J	ND@970. J	ND@900.	ND@970.	ND@1,100.
BENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
BROMOBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
BROMOCHLOROMETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
BROMODICHLOROMETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
BROMOMETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CARBON TETRACHLORIDE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CHLOROBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CHLORODIBROMOMETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CHLOROMETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CHLOROPRENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CIS-1,2-DICHLOROETHENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
DIBROMOMETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
ETHYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
HEXACHLOROBUTADIENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
IODOMETHANE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
ISOPROPYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
ISOPROPYLTOLUENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
M.P.-XYLENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@530.	ND@470. J	ND@480. J	ND@450.	ND@480.	ND@530.
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@530.	ND@470. J	ND@480. J	ND@450.	ND@480.	ND@530.
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@530.	ND@470. J	ND@480. J	ND@450.	ND@480.	ND@530.
N-BUTYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
N-PROPYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
O-XYLENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
PROPIONITRILE	ug/kg	ND@5,300.	ND@4,700. J	ND@4,800. J	ND@4,500.	ND@4,800.	ND@5,300.
SEC-BUTYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
STYRENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TERT-BUTYLBENZENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TETRACHLOROETHENE	ug/kg	ND@260.	ND@230. J	49 J	140 J	210 J	ND@270.
TETRAHYDROFURAN	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TOLUENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TRICHLOROETHENE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.
XYLENES, TOTAL	ug/kg	ND@260.	ND@230. J	ND@240. J	ND@230.	ND@240.	ND@270.

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	GP01	GP02	GP02	GP02	GP02	GP02	GP02
Sample Description	14'	2'	4'	6'	8'	10'	
Sample Date	11/01/2006	11/02/2006	11/02/2006	11/02/2006	11/02/2006	11/02/2006	
Laboratory Sample I.D.	4905293	4906468	4906469	4906470	4906471	4906472	

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	4.8	17.1	8.8	8.6	5.9	8.9
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA

<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2,700. J	ND@2400	ND@2400	ND@2400	ND@2100	ND@3200

<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@530. J	ND@470	ND@490	ND@470	ND@410	ND@640
3-CHLOROPROPENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320

<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,1,1-TRICHLOROETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@530. J	ND@470	ND@490	ND@470	ND@410	ND@640
1,1,2-TRICHLOROETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,1-DICHLOROETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,1-DICHLOROETHENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,1-DICHLOROPROPENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2,3-TRICHLOROBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2,3-TRICHLOROPROPANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2,4-TRICHLOROBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2-DIBROMOETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2-DICHLOROBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2-DICHLOROETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@270. J	ND@240	ND@240	ND@240	200 J	290 J
1,2-DICHLOROPROPANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,3-DICHLOROBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,3-DICHLOROPROPANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,4-DICHLOROBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
2-CHLOROTOLUENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
4-CHLOROTOLUENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5,300. J	ND@4700	NA R	NA R	ND@4100	NA R
ACRYLONITRILE	ug/kg	ND@1,100. J	ND@940	ND@980	ND@950	ND@830	ND@1300
BENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
BROMOBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
BROMOCHLOROMETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
BROMODICHLOROMETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
BROMOMETHANE	ug/kg	NA R	ND@240	ND@240	ND@240	ND@210	ND@320
CARBON DISULFIDE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CARBON TETRACHLORIDE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CHLOROBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CHLORODIBROMOMETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CHLOROETHANE	ug/kg	NA R	ND@240	ND@240	ND@240	ND@210	ND@320
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CHLOROMETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CHLOROPRENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
CIS-1,2-DICHLOROETHENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	200 J	290 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
DIBROMOMETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
ETHYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
HEXACHLOROBUTADIENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
IODOMETHANE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
ISOPROPYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
ISOPROPYLTOLUENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
M,P-XYLENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@530. J	ND@470	ND@490 J	ND@470 J	ND@410	ND@640 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@530. J	ND@470	ND@490	ND@470	ND@410	ND@640
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@530. J	ND@470	ND@490 J	ND@470 J	ND@410	ND@640 J
N-BUTYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
N-PROPYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
O-XYLENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
PROPIONITRILE	ug/kg	ND@5,300. J	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
STYRENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TERT-BUTYLBENZENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TETRACHLOROETHENE	ug/kg	390 J	240	210 J	510	1,300.00	1,300.00
TETRAHYDROFURAN	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TOLUENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TRICHLOROETHENE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@270. J	ND@240	ND@240	ND@240	210	230 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320
XYLENES, TOTAL	ug/kg	ND@270. J	ND@240	ND@240	ND@240	ND@210	ND@320

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location Sample Description Sample Date Laboratory Sample I.D.	GP02 12'	GP03 2'	GP03 4'	GP03 6'	GP03 8'	GP03 10'
	11/02/2006 4906473	11/02/2006 4906474	11/02/2006 4906475	11/02/2006 4906476	11/02/2006 4906477	11/02/2006 4906478
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	6.5	4.8	5.4	4.5	4.2
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2600	ND@2300	ND@2600	ND@2600	ND@2400
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@510	ND@450	ND@510	ND@510	ND@490
3-CHLOROPROPENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,1,1-TRICHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@510	ND@450	ND@510	ND@510	ND@490
1,1,2-TRICHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,1-DICHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,1-DICHLOROETHENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,1-DICHLOROPROPENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2,3-TRICHLOROBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2,3-TRICHLOROPROPANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2,4-TRICHLOROBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2-DIBROMOETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2-DICHLOROBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2-DICHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,2-DICHLOROPROPANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,3-DICHLOROBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,3-DICHLOROPROPANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,4-DICHLOROBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
2-CHLOROTOLUENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
4-CHLOROTOLUENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	ND@4500	ND@5100	ND@5100	ND@4900
ACRYLONITRILE	ug/kg	ND@1000	ND@910	ND@1000	ND@1000	ND@970
BENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
BROMOBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
BROMOCHLOROMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
BROMODICHLOROMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
BROMOMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CARBON DISULFIDE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CARBON TETRACHLORIDE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CHLOROBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CHLORODIBROMOMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CHLOROETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CHLOROMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CHLOROPRENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CIS-1,2-DICHLOROETHENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
DIBROMOMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
ETHYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
HEXACHLOROBUTADIENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
IODOMETHANE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
ISOPROPYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
ISOPROPYLTOLUENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
M,P-XYLENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@510 J	ND@450	ND@510	ND@510	ND@490
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@510	ND@450	ND@510	ND@510	ND@490
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@510 J	ND@450	ND@510	ND@510	ND@490
N-BUTYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
N-PROPYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
O-XYLENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
STYRENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TERT-BUTYLBENZENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TETRACHLOROETHENE	ug/kg	620	67 J	310	250 J	360
TETRAHYDROFURAN	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TOLUENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TRICHLOROETHENE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240
XYLENES, TOTAL	ug/kg	ND@260	ND@230	ND@260	ND@260	ND@240

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location Sample Description Sample Date Laboratory Sample I.D.	GP03 12'	GP03 14'	GP04 2'	GP04 4'	GP04 6'	GP04 8'
	11/02/2006 4906479	11/02/2006 4906480	11/06/2006 4908589	11/06/2006 4908590	11/06/2006 4908591	11/06/2006 4908592
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	5.1	3.2	3.5	4.4	4.6
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@2500	ND@2200	ND@2300	ND@2300
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@490	ND@500	ND@430	ND@450	ND@450
3-CHLOROPROPENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@490	ND@500	ND@430	ND@450	ND@450
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250	70 J	ND@220	ND@230	ND@230
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
2-CHLOROTOLUENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
4-CHLOROTOLUENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4900	ND@5000	ND@4300	ND@4500	ND@4500
ACRYLONITRILE	ug/kg	ND@980	ND@1000	ND@870	ND@910	ND@900
BENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
BROMOBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
BROMOMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CARBON DISULFIDE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CHLOROBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CHLOROETHANE	ug/kg	ND@250	ND@250	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CHLOROMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CHLOROPRENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250	70 J	ND@220	ND@230	ND@230
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
DIBROMOMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
ETHYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
HEXACHLOROBUTADIENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
IODOMETHANE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
ISOPROPYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
M,P-XYLENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@490	ND@500	ND@430	ND@450	ND@450
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@490	ND@500	ND@430	ND@450	ND@450
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@490	ND@500	ND@430	ND@450	ND@450
N-BUTYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
N-PROPYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
O-XYLENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
PROPIONITRILE	ug/kg	NA R	NA R	ND@4300	ND@4500	ND@4500
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
STYRENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TETRACHLOROETHENE	ug/kg	140 J	510	110 J	140 J	350
TETRAHYDROFURAN	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TOLUENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TRICHLOROETHENE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230
XYLENES, TOTAL	ug/kg	ND@250	ND@250	ND@220	ND@230	ND@230

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	GP04	GP04	GP04	GP05	GP05	GP05
Sample Description	10'	12'	14'	2'	4'	5'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/09/2006	11/09/2006	11/09/2006
Laboratory Sample I.D.	4908593	4908594	4908595	4912198	4912199	4912200

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	5.5	7.2	6.4	7.4	9.6	8.6
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA

<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2100	ND@2000	ND@2200	ND@2200	ND@2000	ND@2200

<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@410	ND@400	ND@440	ND@440	ND@410	ND@450
3-CHLOROPROPENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220

<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@410	ND@400	ND@440	ND@440	ND@410	ND@450
1,1,2-TRICHLOROETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@210	42 J	130 J	ND@220	410	75 J
1,2-DICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
2-CHLOROTOLUENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
4-CHLOROTOLUENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4100	ND@4000	ND@4400	ND@4400	ND@4100	ND@4500
ACRYLONITRILE	ug/kg	ND@830	ND@790	ND@880	ND@880	ND@810	ND@900
BENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
BROMOBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
BROMOMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CARBON DISULFIDE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CHLOROBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CHLOROMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CHLOROPRENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@210	42 J	130 J	ND@220	410	75 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
DIBROMOMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
ETHYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
IODOMETHANE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
ISOPROPYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@210	ND@200	ND@220	ND@220 J	ND@200 J	ND@220 J
M,P-XYLENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@410	ND@400	ND@440	ND@440	ND@410	ND@450
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@410	ND@400	ND@440	ND@440	ND@410	ND@450
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@410	ND@400	ND@440	ND@440	ND@410	ND@450
N-BUTYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220 J	ND@200 J	ND@220 J
N-PROPYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
O-XYLENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
PROPIONITRILE	ug/kg	ND@4100	ND@4000	ND@4400	ND@4400	ND@4100	ND@4500
SEC-BUTYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220 J	ND@200 J	ND@220 J
STYRENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TETRACHLOROETHENE	ug/kg	2,200.00	1,000.00	2,600.00	330	1,300.00	560
TETRAHYDROFURAN	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TOLUENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TRICHLOROETHENE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@210	ND@200	ND@220	ND@220 J	ND@200 J	ND@220 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220
XYLENES, TOTAL	ug/kg	ND@210	ND@200	ND@220	ND@220	ND@200	ND@220



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	GP05	GP05	GP05	GP05	GP06	GP06
Sample Description	8'	10'	12'	14'	2'	4'
Sample Date	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006
Laboratory Sample I.D.	4912201	4912202	4912203	4912204	4912205	4912206
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	7.9	6.3	5.8	3.8	10.9
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2300	ND@2800	ND@2500	ND@2500	ND@2600
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@460	ND@560	ND@500	ND@510	ND@520
3-CHLOROPROPENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,1,1-TRICHLOROETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@460	ND@560	ND@500	ND@510	ND@520
1,1,2-TRICHLOROETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,1-DICHLOROETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,1-DICHLOROETHENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,1-DICHLOROPROPENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2,3-TRICHLOROBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2,3-TRICHLOROPROPANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2,4-TRICHLOROBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2-DIBROMOETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2-DICHLOROBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2-DICHLOROETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@230	ND@280	ND@250	ND@250	210 J
1,2-DICHLOROPROPANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,3-DICHLOROBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,3-DICHLOROPROPANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,4-DICHLOROBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
2-CHLOROTOLUENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
4-CHLOROTOLUENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4600	ND@5600	ND@5000	ND@5100	ND@5200
ACRYLONITRILE	ug/kg	ND@920	ND@1100	ND@1000	ND@1000	ND@1100
BENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
BROMOBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
BROMOCHLOROMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
BROMODICHLOROMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
BROMOMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CARBON DISULFIDE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CARBON TETRACHLORIDE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CHLOROBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CHLORODIBROMOMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CHLOROMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CHLOROPRENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
CIS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@280	ND@250	ND@250	210 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
DIBROMOMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
ETHYLBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
HEXACHLOROBUTADIENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
IODOMETHANE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
ISOPROPYLBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
ISOPROPYLTOLUENE	ug/kg	ND@230 J	ND@280 J	ND@250 J	ND@250 J	ND@260 J
M,P-XYLENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@460	ND@560	ND@500	ND@510	ND@520
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@460	ND@560	ND@500	ND@510	ND@520
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@460	ND@560	ND@500	ND@510	ND@520
N-BUTYLBENZENE	ug/kg	ND@230 J	ND@280 J	ND@250 J	ND@250 J	ND@260 J
N-PROPYLBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
O-XYLENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
PROPIONITRILE	ug/kg	ND@4600	ND@5600	ND@5000	ND@5100	ND@5200
SEC-BUTYLBENZENE	ug/kg	ND@230 J	ND@280 J	ND@250 J	ND@250 J	ND@260 J
STYRENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TERT-BUTYLBENZENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TETRACHLOROETHENE	ug/kg	600	530	910	2,000.00	110 J
TETRAHYDROFURAN	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TOLUENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
TRICHLOROETHENE	ug/kg	46 J	ND@280	62 J	140 J	390
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@230 J	ND@280 J	ND@250 J	ND@250 J	ND@260 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260
XYLENES, TOTAL	ug/kg	ND@230	ND@280	ND@250	ND@250	ND@260

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location Sample Description Sample Date Laboratory Sample I.D.	GP06 6'	GP06 8'	GP06 10'	GP06 12'	GP06 14'	GP07 2'
	11/09/2006 4912228	11/09/2006 4912229	11/09/2006 4912230	11/09/2006 4912231	11/09/2006 4912232	11/09/2006 4912233
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	% 4.4	5	6.5	5.1	4.2	10.7
PERCENT SOLIDS	% NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
ISOBUTYL ALCOHOL	ug/kg NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg ND@2400	ND@2500	ND@2600	ND@2300	ND@2200	ND@2200
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg ND@480	ND@500	ND@510	ND@460	ND@430	ND@440
3-CHLOROPROPENE	ug/kg ND@240 J	ND@250 J	ND@260 J	ND@230 J	ND@220 J	ND@220 J
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,1,1-TRICHLOROETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg ND@480	ND@500	ND@510	ND@460	ND@430	ND@440
1,1,2-TRICHLOROETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,1-DICHLOROETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,1-DICHLOROETHENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,1-DICHLOROPROPENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2-DIBROMOETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2-DICHLOROBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2-DICHLOROETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg ND@240	ND@250	70 J	ND@230	ND@220	ND@220
1,2-DICHLOROPROPANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,3-DICHLOROBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,3-DICHLOROPROPANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,4-DICHLOROBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
1,4-DIOXANE	ug/kg NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
2-CHLOROTOLUENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
4-CHLOROTOLUENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
ACETONE	ug/kg NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg ND@4800	ND@5000	ND@5100	ND@4600	ND@4300	ND@4400
ACRYLONITRILE	ug/kg ND@960	ND@1000	ND@1000	ND@910	ND@870	ND@870
BENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
BROMOBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
BROMOCHLOROMETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
BROMODICHLOROMETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
BROMOMETHANE	ug/kg ND@240	ND@250	ND@260 J	ND@230 J	ND@220 J	ND@220 J
CARBON DISULFIDE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CARBON TETRACHLORIDE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CHLOROBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CHLORODIBROMOMETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CHLOROETHANE	ug/kg NA R	NA R	ND@260 R	NA R	ND@220 R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CHLOROMETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CHLOROPRENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg ND@240	ND@250	70 J	ND@230	ND@220	ND@220
CIS-1,3-DICHLOROPROPENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
DIBROMOMETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
ETHYLBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
HEXACHLOROBUTADIENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
IODOMETHANE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
ISOPROPYLBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
ISOPROPYLTOLUENE	ug/kg ND@240 J	ND@250 J	ND@260	ND@230	ND@220	ND@220
M,P-XYLENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
METHACRYLONITRILE	ug/kg NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg ND@480	ND@500	ND@510	ND@460	ND@430	ND@440
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg ND@480	ND@500	ND@510	ND@460	ND@430	ND@440
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg ND@480	ND@500	ND@510	ND@460	ND@430	ND@440
N-BUTYLBENZENE	ug/kg ND@240 J	ND@250 J	ND@260	ND@230	ND@220	ND@220
N-PROPYLBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
O-XYLENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
PROPIONITRILE	ug/kg ND@4800	ND@5000	ND@5100	ND@4600	ND@4300	ND@4400
SEC-BUTYLBENZENE	ug/kg ND@240 J	ND@250 J	ND@260	ND@230	ND@220	ND@220
STYRENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TERT-BUTYLBENZENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TETRACHLOROETHENE	ug/kg 270	360	1,100.00	96 J	170 J	91 J
TETRAHYDROFURAN	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TOLUENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
TRICHLOROETHENE	ug/kg ND@240	ND@250	110 J	ND@230	ND@220	ND@220
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
VINYL ACETATE	ug/kg NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220
XYLENES, TOTAL	ug/kg ND@240	ND@250	ND@260	ND@230	ND@220	ND@220



OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	GP08	GP08	GP08	GP08	GP08	GP08
Sample Description	2'	4'	7.5'	10'	12'	14'
Sample Date	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006
Laboratory Sample I.D.	4912208	4912209	4912210	4912211	4912212	4912213

Parameter Units

Indicator Parameters

MOISTURE	%	14.8	11.4	9.4	8.5	8.1	7.1
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA

Alcohols, Acetates, Aldehydes, Ketones

ETHYL METHACRYLATE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2400	ND@2100	ND@2000	ND@2300	ND@2200	ND@2500

Base/Neutral Extractables

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@480	ND@420	ND@400	ND@460	ND@430	ND@490
3-CHLOROPROPENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220 J	ND@250 J

Volatile Organics

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,1,1-TRICHLOROETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@480	ND@420	ND@400	ND@460	ND@430	ND@490
1,1,2-TRICHLOROETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,1-DICHLOROETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,1-DICHLOROETHENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,1-DICHLOROPROPENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2,3-TRICHLOROBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2,3-TRICHLOROPROPANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2,4-TRICHLOROBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2-DIBROMOETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2-DICHLOROBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2-DICHLOROETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@240	ND@210	ND@200	79 J	140 J	190 J
1,2-DICHLOROPROPANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,3-DICHLOROBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,3-DICHLOROPROPANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,4-DICHLOROBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
2-CHLOROTOLUENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
4-CHLOROTOLUENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4800	ND@4200	ND@4000	ND@4600	ND@4300	ND@4900
ACRYLONITRILE	ug/kg	ND@960	ND@830	ND@800	ND@920	ND@860	ND@990
BENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
BROMOBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
BROMOCHLOROMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
BROMODICHLOROMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
BROMOMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CARBON DISULFIDE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CARBON TETRACHLORIDE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CHLOROBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CHLORODIBROMOMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CHLOROMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CHLOROPRENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
CIS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@210	ND@200	79 J	140 J	190 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
DIBROMOMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
ETHYLBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
HEXACHLOROBUTADIENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
IODOMETHANE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
ISOPROPYLBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
ISOPROPYLTOLUENE	ug/kg	ND@240 J	ND@210 J	ND@200 J	ND@230 J	ND@220 J	ND@250 J
M,P-XYLENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@480	ND@420	ND@400	ND@460	ND@430	ND@490
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@480	ND@420	ND@400	ND@460	ND@430	ND@490
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@480	ND@420	ND@400	ND@460	ND@430	ND@490
N-BUTYLBENZENE	ug/kg	ND@240 J	ND@210 J	ND@200 J	ND@230 J	ND@220 J	ND@250 J
N-PROPYLBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
O-XYLENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
PROPIONITRILE	ug/kg	ND@4800	ND@4200	ND@4000	ND@4600	ND@4300	ND@4900
SEC-BUTYLBENZENE	ug/kg	ND@240 J	ND@210 J	ND@200 J	ND@230 J	ND@220 J	ND@250 J
STYRENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TERT-BUTYLBENZENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TETRACHLOROETHENE	ug/kg	3,700.00	4,200.00	1,600.00	13,000.00	4,100.00	2,900.00
TETRAHYDROFURAN	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TOLUENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TRICHLOROETHENE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@240 J	ND@210 J	ND@200 J	ND@230 J	ND@220	ND@250
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250
XYLENES, TOTAL	ug/kg	ND@240	ND@210	ND@200	ND@230	ND@220	ND@250

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	GP09	GP09	GP09	GP09	GP09	GP09
Sample Description	2'	4'	6'	8'	10'	12'
Sample Date	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006
Laboratory Sample I.D.	4912214	4912215	4912216	4912217	4912218	4912219
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	11	5.8	6.1	5.3	6.7
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2400	ND@2200	ND@2200	ND@2000	ND@2200
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@480	ND@440	ND@430	ND@410	ND@430
3-CHLOROPROPENE	ug/kg	ND@240 J	ND@220 J	ND@220 J	ND@200 J	ND@220 J
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@480	ND@440	ND@430	ND@410	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@240	ND@220	ND@220	50 J	48 J
1,2-DICHLOROPROPANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
2-CHLOROTOLUENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
4-CHLOROTOLUENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4800	ND@4400	ND@4300	ND@4100	ND@4300
ACRYLONITRILE	ug/kg	ND@960	ND@880	ND@860	ND@810	ND@860
BENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
BROMOBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
BROMOMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CARBON DISULFIDE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CHLOROBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CHLOROMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	NA R
CHLOROPRENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@220	ND@220	50 J	48 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
DIBROMOMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
ETHYLBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
IODOMETHANE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
ISOPROPYLBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@240 J	ND@220 J	ND@220 J	ND@200 J	ND@220 J
M,P-XYLENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@480	ND@440	ND@430	ND@410	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@480	ND@440	ND@430	ND@410	ND@430
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@480	ND@440	ND@430	ND@410	ND@430
N-BUTYLBENZENE	ug/kg	ND@240 J	ND@220 J	ND@220 J	ND@200 J	ND@220 J
N-PROPYLBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
O-XYLENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
PROPIONITRILE	ug/kg	ND@4800	ND@4400	ND@4300	ND@4100	ND@4300
SEC-BUTYLBENZENE	ug/kg	ND@240 J	ND@220 J	ND@220 J	ND@200 J	ND@220 J
STYRENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TETRACHLOROETHENE	ug/kg	400	380	240	4,300.00	2,800.00
TETRAHYDROFURAN	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TOLUENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
TRICHLOROETHENE	ug/kg	ND@240	ND@220	ND@220	57 J	ND@220
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220
XYLENES, TOTAL	ug/kg	ND@240	ND@220	ND@220	ND@200	ND@220











OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	GP13	GP13	GP13	GP13	GP13	GP14	
Sample Description	6'	8'	10'	12'	14'	6'	
Sample Date	11/10/2006	11/10/2006	11/10/2006	11/10/2006	11/10/2006	11/10/2006	
Laboratory Sample I.D.	4913766	4913767	4913768	4913769	4913770	4913771	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	5.1	9.5	8.9	11.3	7.4	8.4
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2000	ND@2100 J	ND@2000 J	ND@2600 J	ND@2600	ND@2400 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@400	ND@410 J	ND@400 J	ND@520 J	ND@510	ND@480 J
3-CHLOROPROPENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@400	ND@410 J	ND@400 J	ND@520 J	ND@510	ND@480 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,1-DICHLOROETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,1-DICHLOROETHENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,1-DICHLOROPROPENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2-DIBROMOETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2-DICHLOROBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2-DICHLOROETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	110 J	100 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,2-DICHLOROPROPANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,3-DICHLOROBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,3-DICHLOROPROPANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,4-DICHLOROBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
2-CHLOROTOLUENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
4-CHLOROTOLUENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4000	ND@4100 J	ND@4000 J	ND@5200 J	ND@5100	ND@4800 J
ACRYLONITRILE	ug/kg	ND@790	ND@820 J	ND@800 J	ND@1000 J	ND@1000	ND@960 J
BENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
BROMOBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
BROMOCHLOROMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
BROMODICHLOROMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
BROMOMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CARBON DISULFIDE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CARBON TETRACHLORIDE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CHLOROBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CHLORODIBROMOMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CHLOROMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CHLOROPRENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CIS-1,2-DICHLOROETHENE	ug/kg	110 J	100 J	ND@200 J	ND@260 J	ND@260	ND@240 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
DIBROMOMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
ETHYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
HEXACHLOROBUTADIENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
IODOMETHANE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
ISOPROPYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
ISOPROPYLTOLUENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
M,P-XYLENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@400	ND@410 J	ND@400 J	ND@520 J	ND@510	ND@480 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@400	ND@410 J	ND@400 J	ND@520 J	ND@510	ND@480 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@400	ND@410 J	ND@400 J	ND@520 J	ND@510	ND@480 J
N-BUTYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
N-PROPYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
O-XYLENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
PROPIONITRILE	ug/kg	ND@4000	ND@4100 J	ND@4000 J	ND@5200 J	ND@5100	ND@4800 J
SEC-BUTYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
STYRENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TERT-BUTYLBENZENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TETRACHLOROETHENE	ug/kg	240	370 J	240 J	280 J	300	230 J
TETRAHYDROFURAN	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TOLUENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
TRICHLOROETHENE	ug/kg	120 J	97 J	ND@200 J	ND@260 J	ND@260	73 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J
XYLENES, TOTAL	ug/kg	ND@200	ND@210 J	ND@200 J	ND@260 J	ND@260	ND@240 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location Sample Description Sample Date Laboratory Sample I.D.	GP14 8'	GP14 10'	GP14 12'	GP14 14'	GP15 2'	GP15 4'
	11/10/2006 4913772	11/10/2006 4913773	11/10/2006 4913774	11/10/2006 4913775	11/09/2006 4913729	11/09/2006 4913730
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	9.1	6.8	11.3	7.9	4.6
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2400 J	ND@1900 J	ND@2200 J	ND@2300 J	ND@1900 J
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@480 J	ND@380 J	ND@450 J	ND@460 J	ND@390 J
3-CHLOROPROPENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@480 J	ND@380 J	ND@450 J	ND@460 J	ND@390 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,1-DICHLOROETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,1-DICHLOROETHENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,1-DICHLOROPROPENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2-DIBROMOETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2-DICHLOROBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2-DICHLOROETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,2-DICHLOROPROPANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,3-DICHLOROBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,3-DICHLOROPROPANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,4-DICHLOROBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
2-CHLOROTOLUENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
4-CHLOROTOLUENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4800 J	ND@3800 J	ND@4500 J	ND@4600 J	ND@3900 J
ACRYLONITRILE	ug/kg	ND@960 J	ND@770 J	ND@900 J	ND@910 J	ND@780 J
BENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
BROMOBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
BROMOCHLOROMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
BROMODICHLOROMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
BROMOMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CARBON DISULFIDE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CARBON TETRACHLORIDE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CHLOROBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CHLORODIBROMOMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CHLOROMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CHLOROPRENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
DIBROMOMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
ETHYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
HEXACHLOROBUTADIENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
IODOMETHANE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
ISOPROPYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
ISOPROPYLTOLUENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
M,P-XYLENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@480 J	ND@380 J	ND@450 J	ND@460 J	ND@390 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@480 J	ND@380 J	ND@450 J	ND@460 J	ND@390 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@480 J	ND@380 J	ND@450 J	ND@460 J	ND@390 J
N-BUTYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
N-PROPYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
O-XYLENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
PROPIONITRILE	ug/kg	ND@4800 J	ND@3800 J	ND@4500 J	ND@4600 J	NA R
SEC-BUTYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
STYRENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TERT-BUTYLBENZENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TETRACHLOROETHENE	ug/kg	170 J	72 J	250 J	210 J	150 J
TETRAHYDROFURAN	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TOLUENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TRICHLOROETHENE	ug/kg	50 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J
XYLENES, TOTAL	ug/kg	ND@240 J	ND@190 J	ND@220 J	ND@230 J	ND@190 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	GP15	GP15	GP15	GP15	GP15	GP16
Sample Description	6'	8'	10'	12'	14'	6'
Sample Date	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006
Laboratory Sample I.D.	4913731	4913732	4913733	4913734	4913735	4913744
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	5.5	5	5.8	4.9	5.9
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2200	ND@2300	ND@2100	ND@2300	ND@2000
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@430	ND@460	ND@420	ND@460	ND@400
3-CHLOROPROPENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,1,1-TRICHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@430	ND@460	ND@420	ND@460	ND@400
1,1,2-TRICHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,1-DICHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,1-DICHLOROETHENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,1-DICHLOROPROPENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2,3-TRICHLOROBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2,3-TRICHLOROPROPANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2,4-TRICHLOROBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@220 J	ND@230 J	ND@210 J	ND@230	ND@200
1,2-DIBROMOETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2-DICHLOROBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2-DICHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@220	1,200.00	ND@210	180 J	88 J
1,2-DICHLOROPROPANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,3-DICHLOROBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,3-DICHLOROPROPANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,4-DICHLOROBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
2-CHLOROTOLUENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
4-CHLOROTOLUENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4300	ND@4600	ND@4200	ND@4600	ND@4000
ACRYLONITRILE	ug/kg	ND@860	ND@920	ND@830	ND@920	ND@800
BENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
BROMOBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
BROMOCHLOROMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
BROMODICHLOROMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
BROMOMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CARBON DISULFIDE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CARBON TETRACHLORIDE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CHLOROBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CHLORODIBROMOMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CHLOROETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230 J	ND@200 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CHLOROMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CHLOROPRENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
CIS-1,2-DICHLOROETHENE	ug/kg	ND@220	1,200.00	ND@210	180 J	88 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
DIBROMOMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
ETHYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
HEXACHLOROBUTADIENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
IODOMETHANE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
ISOPROPYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
ISOPROPYLTOLUENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
M,P-XYLENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@430	ND@460	ND@420	ND@460	ND@400
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@430	ND@460	ND@420	ND@460	ND@400
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@430	ND@460	ND@420	ND@460	ND@400
N-BUTYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
N-PROPYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
O-XYLENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
STYRENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TERT-BUTYLBENZENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TETRACHLOROETHENE	ug/kg	130 J	2,200.00	120 J	520	680
TETRAHYDROFURAN	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TOLUENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
TRICHLOROETHENE	ug/kg	ND@220	880	ND@210	130 J	95 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200
XYLENES, TOTAL	ug/kg	ND@220	ND@230	ND@210	ND@230	ND@200



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	GP17	GP17	GP17	GP17	GP17	GP18
Sample Description	6'	8'	10'	12'	14'	2'
Sample Date	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006	11/09/2006
Laboratory Sample I.D.	4913724	4913725	4913726	4913727	4913728	4913749
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	5.3	4.2	10.3	9.2	13.9
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@2300	ND@2100	ND@2600	ND@2300
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@500	ND@460	ND@420	ND@510	ND@460
3-CHLOROPROPENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@500	ND@460	ND@420	ND@510	ND@460
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250 J	ND@230 J	ND@210 J	ND@260	ND@230 J
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
2-CHLOROTOLUENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
4-CHLOROTOLUENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5000	ND@4600	ND@4200	ND@5100	ND@4600
ACRYLONITRILE	ug/kg	ND@1000	ND@920	ND@830	ND@1000	ND@930
BENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
BROMOBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
BROMOMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CARBON DISULFIDE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CHLOROBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CHLOROETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260 J	ND@230
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CHLOROMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CHLOROPRENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
DIBROMOMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
ETHYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
HEXACHLOROBUTADIENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
IODOMETHANE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
ISOPROPYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
M,P-XYLENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@500	ND@460	ND@420	ND@510	ND@460
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@500	ND@460	ND@420	ND@510	ND@460
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@500	ND@460	ND@420	ND@510	ND@460
N-BUTYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
N-PROPYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
O-XYLENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
STYRENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TETRACHLOROETHENE	ug/kg	83 J	270	94 J	250 J	380
TETRAHYDROFURAN	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TOLUENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TRICHLOROETHENE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230
XYLENES, TOTAL	ug/kg	ND@250	ND@230	ND@210	ND@260	ND@230



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	GP19	GP19	GP19	GP19	GP19	GP19
Sample Description	2'	4'	6'	8'	10'	12'
Sample Date	11/10/2006	11/10/2006	11/10/2006	11/10/2006	11/10/2006	11/10/2006
Laboratory Sample I.D.	4913776	4913777	4913778	4913779	4913780	4913781
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	17.8	8	8	10.7	8.4
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@3700 J	ND@2000	ND@2300	ND@2300 J	ND@2100
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@730 J	ND@400	ND@460	ND@470 J	ND@430
3-CHLOROPROPENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,1,1-TRICHLOROETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@370 J	ND@400	ND@460	ND@470 J	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,1-DICHLOROETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,1-DICHLOROETHENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,1-DICHLOROPROPENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2,3-TRICHLOROBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2,3-TRICHLOROPROPANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2,4-TRICHLOROBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2-DIBROMOETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2-DICHLOROBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2-DICHLOROETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,2-DICHLOROETHENE, TOTAL	ug/kg	470 J	ND@200	ND@230	57 J	66 J
1,2-DICHLOROPROPANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,3-DICHLOROBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,3-DICHLOROPROPANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,4-DICHLOROBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
2-CHLOROTOLUENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
4-CHLOROTOLUENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@7300 J	ND@4000	ND@4600	ND@4700 J	ND@4300
ACRYLONITRILE	ug/kg	ND@1500 J	ND@810	ND@930	ND@940 J	ND@860
BENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
BROMOBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
BROMOCHLOROMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
BROMODICHLOROMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
BROMOMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CARBON DISULFIDE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CARBON TETRACHLORIDE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CHLOROBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CHLORODIBROMOMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CHLOROMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CHLOROPRENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
CIS-1,2-DICHLOROETHENE	ug/kg	470 J	ND@200	ND@230	57 J	66 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
DIBROMOMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
ETHYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
HEXACHLOROBUTADIENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
IODOMETHANE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
ISOPROPYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
ISOPROPYLTOLUENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
M,P-XYLENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@730 J	ND@400	ND@460	ND@470 J	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@730 J	ND@400	ND@460	ND@470 J	ND@430
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@730 J	ND@400	ND@460	ND@470 J	ND@430
N-BUTYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
N-PROPYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
O-XYLENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
PROPIONITRILE	ug/kg	ND@7300 J	ND@4000	ND@4600	ND@4700 J	ND@4300
SEC-BUTYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
STYRENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TERT-BUTYLBENZENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TETRACHLOROETHENE	ug/kg	40,000.00	4,800.00	2,200.00	4,500.00 J	6,300.00
TETRAHYDROFURAN	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TOLUENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
TRICHLOROETHENE	ug/kg	1,000.00 J	41 J	ND@230	ND@230 J	53 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210
XYLENES, TOTAL	ug/kg	ND@370 J	ND@200	ND@230	ND@230 J	ND@210



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	GP19	MIP 419	MIP 419	MIP 419	MIP 419	MIP 419	MIP 419
Sample Description	14'	5-6'	6-7'	7-8'	8-9'	9.5-10'	
Sample Date	11/10/2006	09/28/2006	09/28/2006	09/28/2006	09/28/2006	09/28/2006	09/28/2006
Laboratory Sample I.D.	4913782	213862-003	213862-004	213862-005	213862-006	213862-007	213862-007

Parameter Units

**Indicator Parameters**

MOISTURE	%	5	13.4	9.9	8.5	10	9.5
PERCENT SOLIDS	%	NA	86.6	90.1	91.5	90	90.5

**Alcohols, Acetates, Aldehydes, Ketones**

ETHYL METHACRYLATE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2400	ND@980	ND@1800	ND@4400	ND@810	ND@470

**Base/Neutral Extractables**

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@480	ND@980 J	ND@1800 J	ND@4400 J	ND@810 J	ND@470 J
3-CHLOROPROPENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470

**Volatile Organics**

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1,1-TRICHLOROETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@480	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1,2-TRICHLOROETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1-DICHLOROETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1-DICHLOROETHENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,1-DICHLOROPROPENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2,3-TRICHLOROBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2,3-TRICHLOROPROPANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2,4-TRICHLOROBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2-DIBROMOETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2-DICHLOROBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2-DICHLOROETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2-DICHLOROETHENE, TOTAL	ug/kg	310	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,2-DICHLOROPROPANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,3-DICHLOROBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,3-DICHLOROPROPANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,4-DICHLOROBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
2-CHLOROTOLUENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
4-CHLOROTOLUENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
ACETONE	ug/kg	NA R	ND@2400 J	830 J	ND@11000 J	ND@2000 J	ND@1200 J
ACROLEIN	ug/kg	ND@4800	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@950	ND@980 J	ND@1800 J	ND@4400 J	ND@810 J	ND@470 J
BENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	46 J
BROMOBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
BROMOCHLOROMETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
BROMODICHLOROMETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
BROMOMETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CARBON DISULFIDE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CARBON TETRACHLORIDE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CHLOROBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CHLORODIBROMOMETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CHLOROETHANE	ug/kg	NA R	ND@980	ND@1800	ND@4400	ND@810	ND@470
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CHLOROMETHANE	ug/kg	ND@240	ND@980	ND@1800 J	ND@4400 J	ND@810	ND@470
CHLOROPRENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
CIS-1,2-DICHLOROETHENE	ug/kg	310	ND@980	ND@1800	ND@4400	ND@810	59 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
DIBROMOMETHANE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@240	ND@980 J	ND@1800 J	ND@4400 J	ND@810 J	ND@470 J
ETHYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
HEXACHLOROBUTADIENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
IODOMETHANE	ug/kg	ND@240	ND@980 J	ND@1800	ND@4400	ND@810 J	ND@470 J
ISOPROPYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
ISOPROPYLTOLUENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
M,P-XYLENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
METHACRYLONITRILE	ug/kg	NA	ND@980	ND@1800	ND@4400	ND@810	ND@470
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@480	ND@980	ND@1800	ND@4400	ND@810	ND@470
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@480	ND@980	ND@1800 J	ND@4400 J	ND@810	ND@470
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@240	98 J	ND@1800	ND@4400	ND@810	ND@470
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@480	ND@980	ND@1800	ND@4400	ND@810	ND@470
N-BUTYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
N-PROPYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
O-XYLENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
PROPIONITRILE	ug/kg	ND@4800	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
STYRENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
TERT-BUTYLBENZENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
TETRACHLOROETHENE	ug/kg	1,800.00	3000	47000	160000	22000	6500
TETRAHYDROFURAN	ug/kg	ND@240	ND@980	ND@1800 J	ND@4400 J	ND@810	ND@470
TOLUENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	32 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
TRICHLOROETHENE	ug/kg	160 J	170 J	600 J	640 J	150 J	84 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
VINYL ACETATE	ug/kg	NA	ND@980	ND@1800	ND@4400	ND@810	ND@470
VINYL CHLORIDE	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470
XYLENES, TOTAL	ug/kg	ND@240	ND@980	ND@1800	ND@4400	ND@810	ND@470

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	MIP 419	MIP 419	MIP 419	MIP 419	MIP 419	MIP 419
Sample Description	10.3-11'	11-12'	12-13'	13.4-14'	2'	4'
Sample Date	09/28/2006	09/28/2006	09/28/2006	09/28/2006	11/07/2006	11/07/2006
Laboratory Sample I.D.	213862-008	213862-009	213862-010	213862-011	4910043	4910044

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	7.2	6.9	9.2	6.5	11.3	7.7
PERCENT SOLIDS	%	92.8	93.1	90.8	93.5	NA	NA

<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@2100 J

<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@490 J	ND@500 J	ND@580 J	ND@510 J	ND@720 J	ND@430 J
3-CHLOROPROPENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J

<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@720 J	ND@430 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,1-DICHLOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,1-DICHLOROETHENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,1-DICHLOROPROPENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2-DIBROMOETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2-DICHLOROBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2-DICHLOROETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@490	ND@500	ND@580	250 J	ND@360 J	ND@210 J
1,2-DICHLOROPROPANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,3-DICHLOROBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,3-DICHLOROPROPANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,4-DICHLOROBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
2-CHLOROTOLUENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
4-CHLOROTOLUENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
ACETONE	ug/kg	ND@1200 J	ND@1300 J	ND@1500 J	ND@1300 J	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	ND@7200 J	ND@4300 J
ACRYLONITRILE	ug/kg	ND@490 J	ND@500 J	ND@580 J	ND@510 J	ND@1400 J	ND@860 J
BENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
BROMOBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
BROMOCHLOROMETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
BROMODICHLOROMETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
BROMOMETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CARBON DISULFIDE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CARBON TETRACHLORIDE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CHLOROBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CHLORODIBROMOMETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CHLOROETHANE	ug/kg	ND@490	ND@500 J	ND@580	ND@510	NA R	ND@210 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CHLOROMETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CHLOROPRENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@490	ND@500	110 J	250 J	ND@360 J	ND@210 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
DIBROMOMETHANE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@490 J	ND@500 J	ND@580 J	ND@510 J	ND@360 J	ND@210 J
ETHYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
HEXACHLOROBUTADIENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
IODOMETHANE	ug/kg	ND@490 J	ND@500 J	ND@580 J	ND@510 J	ND@360 J	ND@210 J
ISOPROPYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
ISOPROPYLTOLUENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
M,P-XYLENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
METHACRYLONITRILE	ug/kg	ND@490	ND@500	ND@580	ND@510	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@720 J	ND@430 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@720 J	ND@430 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	58 J	47 J	ND@580	ND@510	ND@360 J	ND@210 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@720 J	ND@430 J
N-BUTYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
N-PROPYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
O-XYLENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	ND@7200 J	NA R
SEC-BUTYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
STYRENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TERT-BUTYLBENZENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TETRACHLOROETHENE	ug/kg	2900	3400	2900	2900	35,000.00	5,000.00 J
TETRAHYDROFURAN	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TOLUENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
TRICHLOROETHENE	ug/kg	86 J	81 J	91 J	130 J	260 J	ND@210 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
VINYL ACETATE	ug/kg	ND@490	ND@500	ND@580	ND@510	NA	NA
VINYL CHLORIDE	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J
XYLENES, TOTAL	ug/kg	ND@490	ND@500	ND@580	ND@510	ND@360 J	ND@210 J

**OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006**

<b>Sample Location</b>	<b>MIP 421</b>	<b>MIP 421</b>	<b>MIP 421</b>	<b>MIP 421</b>	<b>MIP 421</b>	<b>MIP 421</b>
<b>Sample Description</b>	10-11'	11-12'	12-13'	13-14'	2'	4'
<b>Sample Date</b>	09/29/2006	09/29/2006	09/29/2006	09/29/2006	11/07/2006	11/07/2006
<b>Laboratory Sample I.D.</b>	213869-001	213869-002	213869-003	213869-004	4910039	4910040

<b>Parameter</b>	<b>Units</b>						
<b>Indicator Parameters</b>							
MOISTURE	%	7	8.3	11.1	7.6	16.9	7.8
PERCENT SOLIDS	%	93	91.7	88.9	92.4	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
ISOBUTYL ALCOHOL	ug/kg	ND@8800	ND@8300	ND@7600	ND@7900	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@1900
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@720 J	ND@380
3-CHLOROPROPENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,1,1-TRICHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@720 J	ND@380
1,1,2-TRICHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,1-DICHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,1-DICHLOROETHENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,1-DICHLOROPROPENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2,3-TRICHLOROBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2,3-TRICHLOROPROPANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2,4-TRICHLOROBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2-DIBROMOETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2-DICHLOROBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2-DICHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@550	ND@520	ND@480	ND@490	220 J	ND@190
1,2-DICHLOROPROPANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,3-DICHLOROBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,3-DICHLOROPROPANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,4-DICHLOROBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
1,4-DIOXANE	ug/kg	ND@28000	ND@26000	ND@24000	ND@25000	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
2-CHLOROTOLUENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
4-CHLOROTOLUENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
ACETONE	ug/kg	220 J	ND@1300	ND@1200	ND@1200	NA R	NA R
ACROLEIN	ug/kg	ND@1100	ND@1000	ND@950	ND@980	ND@720 J	ND@3800
ACRYLONITRILE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@1400 J	ND@760
BENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
BROMOBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
BROMOCHLOROMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
BROMODICHLOROMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
BROMOMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CARBON DISULFIDE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CARBON TETRACHLORIDE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CHLOROBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CHLORODIBROMOMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CHLOROETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CHLOROMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CHLOROPRENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
CIS-1,2-DICHLOROETHENE	ug/kg	ND@550	ND@520	ND@480	ND@490	220 J	ND@190
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
DIBROMOMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
ETHYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
HEXACHLOROBUTADIENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
IODOMETHANE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
ISOPROPYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
ISOPROPYLTOLUENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
M,P-XYLENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
METHACRYLONITRILE	ug/kg	ND@550	ND@520	ND@480	ND@490	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@720 J	ND@380
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@720 J	ND@380
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@720 J	ND@380
N-BUTYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
N-PROPYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
O-XYLENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
PROPIONITRILE	ug/kg	ND@1100	ND@1000	ND@950	ND@980	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
STYRENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TERT-BUTYLBENZENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TETRACHLOROETHENE	ug/kg	890	1200	2000	2000	15,000.00 J	240
TETRAHYDROFURAN	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TOLUENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TRICHLOROETHENE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
VINYL ACETATE	ug/kg	ND@550	ND@520	ND@480	ND@490	NA	NA
VINYL CHLORIDE	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190
XYLENES, TOTAL	ug/kg	ND@550	ND@520	ND@480	ND@490	ND@360 J	ND@190

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 421	MIP 421	MIP 423	MIP 423	MIP 423	MIP 423
Sample Description	6'	8'	10-11'	11.6-12'	12-13'	13-14'
Sample Date	11/07/2006	11/07/2006	09/29/2006	09/29/2006	09/29/2006	09/29/2006
Laboratory Sample I.D.	4910041	4910042	213869-005	213869-006	213869-007	213869-008
Parameter	Units					
<b>Indicator Parameters</b>						
MOISTURE	%	8.3	7	9.7	4.7	5.6
PERCENT SOLIDS	%	NA	NA	90.3	95.3	94.4
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@210	ND@230	ND@9.2	ND@600	ND@540
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	ND@18	ND@9700	ND@8600
METHYL METHACRYLATE	ug/kg	ND@210	ND@230	ND@9.2	ND@600	ND@540
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2100	ND@2300	ND@9.2	ND@600	ND@540
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@420	ND@450	ND@4.6	ND@600	ND@540
3-CHLOROPROPENE	ug/kg	ND@210	ND@230	ND@9.2	ND@600	ND@540
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,1,1-TRICHLOROETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@420	ND@450	ND@4.6	ND@600	ND@540
1,1,2-TRICHLOROETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,1-DICHLOROETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,1-DICHLOROETHENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,1-DICHLOROPROPENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2,3-TRICHLOROBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2,3-TRICHLOROPROPANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2,4-TRICHLOROBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2-DIBROMOETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2-DICHLOROBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2-DICHLOROETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@210	ND@230	2.8 J	ND@600	150 J
1,2-DICHLOROPROPANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,3-DICHLOROBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,3-DICHLOROPROPANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,4-DICHLOROBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
1,4-DIOXANE	ug/kg	NA R	NA R	ND@230	ND@30000	ND@27000
2,2-DICHLOROPROPANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
2-CHLOROTOLUENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
4-CHLOROTOLUENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
ACETONE	ug/kg	NA R	NA R	ND@18	ND@1500	ND@1300
ACROLEIN	ug/kg	ND@4200	ND@4500	ND@9.2	ND@1200	ND@1100
ACRYLONITRILE	ug/kg	ND@840	ND@900	ND@9.2	ND@600	ND@540
BENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
BROMOBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
BROMOCHLOROMETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
BROMODICHLOROMETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
BROMOMETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CARBON DISULFIDE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CARBON TETRACHLORIDE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CHLOROBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CHLORODIBROMOMETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CHLOROETHANE	ug/kg	ND@210 J	ND@230 J	ND@4.6	ND@600	ND@540
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CHLOROMETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CHLOROPRENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
CIS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@230	2.8 J	ND@600	150 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
DIBROMOMETHANE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
ETHYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
HEXACHLOROBUTADIENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
IODOMETHANE	ug/kg	ND@210	ND@230	ND@9.2	100 J	ND@540
ISOPROPYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
ISOPROPYLTOLUENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
M,P-XYLENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
METHACRYLONITRILE	ug/kg	NA	NA	ND@9.2	ND@600	ND@540
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@420	ND@450	ND@9.2	ND@600	ND@540
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@420	ND@450	ND@9.2	ND@600	ND@540
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@210	ND@230	ND@18	ND@600	ND@540
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@420	ND@450	ND@9.2	ND@600	ND@540
N-BUTYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
N-PROPYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
O-XYLENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
PROPIONITRILE	ug/kg	NA R	NA R	ND@18	ND@1200	ND@1100
SEC-BUTYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
STYRENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TERT-BUTYLBENZENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TETRACHLOROETHENE	ug/kg	1,300.00	140 J	83	2500	3100
TETRAHYDROFURAN	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TOLUENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TRICHLOROETHENE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
VINYL ACETATE	ug/kg	NA	NA	ND@4.6	ND@600	ND@540
VINYL CHLORIDE	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540
XYLENES, TOTAL	ug/kg	ND@210	ND@230	ND@4.6	ND@600	ND@540

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
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Sample Location	MIP 423	MIP 423	MIP 423	MIP 423	MIP 425	MIP 425	
Sample Description	2'	4'	6'	8'	10-11'	11-12'	
Sample Date	11/07/2006	11/07/2006	11/07/2006	11/07/2006	09/29/2006	09/29/2006	
Laboratory Sample I.D.	4910035	4910036	4910037	4910038	213869-009	213869-010	
<b>Parameter Units</b>							
<b>Indicator Parameters</b>							
MOISTURE	%	16.6	11.4	10.8	9	4.3	3.3
PERCENT SOLIDS	%	NA	NA	NA	NA	95.7	96.7
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@9.4	ND@600
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	ND@19	ND@9600
METHYL METHACRYLATE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@9.4	ND@600
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2300	ND@2400	ND@2300	ND@2200	ND@9.4	ND@600
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@450	ND@480	ND@450	ND@430	ND@4.7	ND@600
3-CHLOROPROPENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@9.4	ND@600
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,1,1-TRICHLOROETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@450	ND@480	ND@450	ND@430	ND@4.7	ND@600
1,1,2-TRICHLOROETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,1-DICHLOROETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,1-DICHLOROETHENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,1-DICHLOROPROPENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2,3-TRICHLOROBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2,3-TRICHLOROPROPANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2,4-TRICHLOROBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2-DIBROMOETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2-DICHLOROBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2-DICHLOROETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,2-DICHLOROETHENE, TOTAL	ug/kg	160 J	ND@240	ND@230	ND@220	4.1 J	ND@600
1,2-DICHLOROPROPANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,3-DICHLOROBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,3-DICHLOROPROPANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,4-DICHLOROBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	ND@230	ND@3000
2,2-DICHLOROPROPANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
2-CHLOROTOLUENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
4-CHLOROTOLUENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
ACETONE	ug/kg	NA R	NA R	NA R	NA R	ND@19	ND@1500
ACROLEIN	ug/kg	ND@4500	ND@4800	ND@4500	ND@4300	ND@9.4	ND@1200
ACRYLONITRILE	ug/kg	ND@910	ND@960	ND@910	ND@870	ND@9.4	ND@600
BENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
BROMOBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
BROMOCHLOROMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
BROMODICHLOROMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
BROMOMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CARBON DISULFIDE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CARBON TETRACHLORIDE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CHLOROBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CHLORODIBROMOMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CHLOROETHANE	ug/kg	ND@230 J	ND@240 J	ND@230 J	ND@220 J	ND@4.7	ND@600
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CHLOROMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CHLOROPRENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
CIS-1,2-DICHLOROETHENE	ug/kg	160 J	ND@240	ND@230	ND@220	4.1 J	ND@600
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
DIBROMOMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
ETHYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
HEXACHLOROBUTADIENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
IODOMETHANE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@9.4	ND@600
ISOPROPYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
ISOPROPYLTOLUENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
M,P-XYLENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	ND@9.4	ND@600
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@450	ND@480	ND@450	ND@430	ND@9.4	ND@600
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@450	ND@480	ND@450	ND@430	ND@9.4	ND@600
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@19	ND@600
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@450	ND@480	ND@450	ND@430	ND@9.4	ND@600
N-BUTYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
N-PROPYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
O-XYLENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	ND@19	ND@1200
SEC-BUTYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
STYRENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
TERT-BUTYLBENZENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
TETRACHLOROETHENE	ug/kg	3,200.00	480	640	99 J	54	1600
TETRAHYDROFURAN	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
TOLUENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
TRICHLOROETHENE	ug/kg	220 J	ND@240	ND@230	ND@220	3 J	ND@600
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
VINYL ACETATE	ug/kg	NA	NA	NA	NA	ND@4.7	ND@600
VINYL CHLORIDE	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600
XYLENES, TOTAL	ug/kg	ND@230	ND@240	ND@230	ND@220	ND@4.7	ND@600

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

<b>Sample Location</b>	MIP 425	MIP 425	MIP 425	MIP 425	MIP 425	MIP 425
<b>Sample Description</b>	12-13'	13-14'	2'	4'	6'	8'
<b>Sample Date</b>	09/29/2006	09/29/2006	11/07/2006	11/07/2006	11/07/2006	11/07/2006
<b>Laboratory Sample I.D.</b>	213869-011	213869-012	4910003	4910004	4910005	4910006

**Parameter** **Units**

**Indicator Parameters**

MOISTURE	%	4.1	12.6	8.7	9.1	8	4.1
PERCENT SOLIDS	%	95.9	87.4	NA	NA	NA	NA

**Alcohols, Acetates, Aldehydes, Ketones**

ETHYL METHACRYLATE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
ISOBUTYL ALCOHOL	ug/kg	ND@8300	ND@8200	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@520	ND@510	ND@2000	ND@2100	ND@2200	ND@2200

**Base/Neutral Extractables**

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@520	ND@510	ND@400	ND@420	ND@450	ND@450
3-CHLOROPROPENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220

**Volatile Organics**

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@520	ND@510	ND@400	ND@420	ND@450	ND@450
1,1,2-TRICHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,2-DICHLOROPROPANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
1,4-DIOXANE	ug/kg	ND@26000	ND@26000	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
2-CHLOROTOLUENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
4-CHLOROTOLUENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
ACETONE	ug/kg	ND@1300	200 J	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@1000	ND@1000	ND@4000	ND@4200	ND@4500	ND@4500
ACRYLONITRILE	ug/kg	ND@520	ND@510	ND@810	ND@840	ND@890	ND@900
BENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
BROMOBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
BROMOMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CARBON DISULFIDE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CHLOROBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CHLOROETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CHLOROMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CHLOROPRENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
DIBROMOMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
ETHYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
IODOMETHANE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
ISOPROPYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
M,P-XYLENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
METHACRYLONITRILE	ug/kg	ND@520	ND@510	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@520	ND@510	ND@400	ND@420	ND@450	ND@450
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@520	ND@510	ND@400	ND@420	ND@450	ND@450
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@520	ND@510	ND@400	ND@420	ND@450	ND@450
N-BUTYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
N-PROPYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
O-XYLENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
PROPIONITRILE	ug/kg	ND@1000	ND@1000	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
STYRENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
TETRACHLOROETHENE	ug/kg	1400	1100	ND@200	140 J	350	460
Tetrahydrofuran	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
Toluene	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
TRICHLOROETHENE	ug/kg	110 J	ND@510	ND@200	ND@210	ND@220	ND@220
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
VINYL ACETATE	ug/kg	ND@520	ND@510	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220
Xylenes, Total	ug/kg	ND@520	ND@510	ND@200	ND@210	ND@220	ND@220

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location	MIP 427	MIP 427	MIP 427	MIP 427	MIP 427	MIP 427	
Sample Description	2'	4'	6'	8'	10'	12'	
Sample Date	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006	
Laboratory Sample I.D.	4911072	4911073	4911074	4911075	4911076	4911092	
<b>Parameter</b>	<b>Units</b>						
<b>Indicator Parameters</b>							
MOISTURE	%	8.3	5.8	6.7	2.6	4.2	3.1
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2000	ND@2300	ND@2300	ND@2700	ND@2600	ND@2800
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@410	ND@460	ND@460	ND@530	ND@530	ND@550
3-CHLOROPROPENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,1,1-TRICHLOROETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@410	ND@460	ND@460	ND@530	ND@530	ND@550
1,1,2-TRICHLOROETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,1-DICHLOROETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,1-DICHLOROETHENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,1-DICHLOROPROPENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2,3-TRICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2,3-TRICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2,4-TRICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2-DIBROMOETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2-DICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2-DICHLOROETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,2-DICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,3-DICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,3-DICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,4-DICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
2-CHLOROTOLUENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
4-CHLOROTOLUENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4100	ND@4600	ND@4600	ND@5300	ND@5300	ND@5500
ACRYLONITRILE	ug/kg	ND@820	ND@920	ND@920	ND@1100	ND@1100	ND@1100
BENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
BROMOBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
BROMOCHLOROMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
BROMODICHLOROMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
BROMOMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CARBON DISULFIDE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CARBON TETRACHLORIDE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CHLOROBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CHLORODIBROMOMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CHLOROMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CHLOROPRENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CIS-1,2-DICHLOROETHENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
DIBROMOMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
ETHYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
HEXACHLOROBUTADIENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
IODOMETHANE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
ISOPROPYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
ISOPROPYLTOLUENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
M,P-XYLENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@410	ND@460	ND@460	ND@530	ND@530	ND@550
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@410	ND@460	ND@460	ND@530	ND@530	ND@550
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@410	ND@460	ND@460	ND@530	ND@530	ND@550
N-BUTYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
N-PROPYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
O-XYLENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280 J
PROPIONITRILE	ug/kg	ND@4100	ND@4600	ND@4600	ND@5300	ND@5300	NA R
SEC-BUTYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
STYRENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TERT-BUTYLBENZENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TETRACHLOROETHENE	ug/kg	49 J	ND@230	ND@230	210 J	260 J	310
TETRAHYDROFURAN	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TOLUENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TRICHLOROETHENE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@200 J	ND@230 J	ND@230 J	ND@270 J	ND@260 J	ND@280
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280
XYLENES, TOTAL	ug/kg	ND@200	ND@230	ND@230	ND@270	ND@260	ND@280

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	MIP 427	MIP 433	MIP 433	MIP 433	MIP 433	MIP 433
Sample Description	14'	10-11'	11-12'	12-13'	13-14'	2'
Sample Date	11/08/2006	10/04/2006	10/04/2006	10/04/2006	10/04/2006	11/07/2006
Laboratory Sample I.D.	4911093	213895-010	213895-011	213895-012	213895-013	4910007

Parameter Units

Indicator Parameters

MOISTURE	%	4	23.3	4.4	4.9	5.4	8.2
PERCENT SOLIDS	%	NA	76.7	95.6	95.1	94.6	NA

Alcohols, Acetates, Aldehydes, Ketones

ETHYL METHACRYLATE	ug/kg	ND@250	ND@13	ND@11	ND@10 J	ND@11 J	ND@230
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@13	ND@11	ND@10 J	ND@11 J	ND@230
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@13	ND@11	ND@10 J	ND@11 J	ND@2300

Base/Neutral Extractables

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@500	NA R	NA R	NA R	NA R	ND@450
3-CHLOROPROPENE	ug/kg	ND@250	ND@13	ND@11	ND@10	ND@11	ND@230

Volatile Organics

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@500	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@450
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2 J	ND@5.5 J	ND@230
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250	33	15	14	20	46 J
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
2-CHLOROTOLUENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
4-CHLOROTOLUENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
ACETONE	ug/kg	NA R	ND@25	ND@22	ND@21	ND@22	NA R
ACROLEIN	ug/kg	ND@5000	NA R	NA R	NA R	NA R	ND@4500
ACRYLONITRILE	ug/kg	ND@1000	ND@13 J	ND@11 J	ND@10 J	ND@11 J	ND@900
BENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
BROMOBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2 J	ND@5.5 J	ND@230
BROMOMETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CARBON DISULFIDE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CHLOROBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
CHLOROETHANE	ug/kg	NA R	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CHLOROMETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CHLOROPRENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250	33	15	14	20	46 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
DIBROMOMETHANE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
ETHYLBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
HEXACHLOROBUTADIENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
IODOMETHANE	ug/kg	ND@250	ND@13	ND@11	ND@10 J	ND@11 J	ND@230
ISOPROPYLBENZENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
M,P-XYLENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
METHACRYLONITRILE	ug/kg	NA	ND@13	ND@11	ND@10	ND@11	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@500	ND@13	ND@11	ND@10 J	ND@11 J	ND@450
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@500	ND@13	ND@11	ND@10 J	ND@11 J	ND@450
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@25	ND@22	21	ND@22	ND@230
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@500	ND@13	ND@11	ND@10 J	ND@11 J	ND@450
N-BUTYLBENZENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
N-PROPYLBENZENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
O-XYLENE	ug/kg	ND@250 J	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
STYRENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
TETRACHLOROETHENE	ug/kg	190 J	180	160	150	180	710
TETRAHYDROFURAN	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
TOLUENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	ND@230
TRICHLOROETHENE	ug/kg	ND@250	9.5	6.3	6.8	9	ND@230
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@6.3 J	ND@5.4 J	ND@5.2	ND@5.5	ND@230
VINYL ACETATE	ug/kg	NA	ND@6.3	ND@5.4	ND@5.2 J	ND@5.5 J	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230
XYLENES, TOTAL	ug/kg	ND@250	ND@6.3	ND@5.4	ND@5.2	ND@5.5	ND@230



OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	MIP 433	MIP 433	MIP 433	MIP 442	MIP 442	MIP 442
Sample Description	4'	6'	8'	10-11'	11-12'	12-13'
Sample Date	11/07/2006	11/07/2006	11/07/2006	10/04/2006	10/04/2006	10/04/2006
Laboratory Sample I.D.	4910008	4910009	4910010	213895-006	213895-007	213895-008

Parameter Units

Indicator Parameters

MOISTURE	%	9.9	10.5	4.4	8.6	3.7	25.3
PERCENT SOLIDS	%	NA	NA	NA	91.4	96.3	74.7

Alcohols, Acetates, Aldehydes, Ketones

ETHYL METHACRYLATE	ug/kg	ND@240	ND@240	ND@240	ND@8.4	ND@11 J	ND@13 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@240	ND@240	ND@240	ND@8.4	ND@11 J	ND@13 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2400	ND@2400	ND@2400	ND@8.4	ND@11 J	ND@13 J

Base/Neutral Extractables

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@490	ND@480	ND@480	NA R	NA R	NA R
3-CHLOROPROPENE	ug/kg	ND@240	ND@240	ND@240	ND@8.4	ND@11	ND@13

Volatile Organics

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,1,1-TRICHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@490	ND@480	ND@480	ND@4.2 J	ND@5.6	ND@6.4
1,1,2-TRICHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
1,1-DICHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,1-DICHLOROETHENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,1-DICHLOROPROPENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,2,3-TRICHLOROBENZENE	ug/kg	ND@240 J	ND@240 J	ND@240 J	ND@4.2	ND@5.6 J	ND@6.4 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@240 J	ND@240 J	ND@240 J	ND@4.2	ND@5.6 J	ND@6.4 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6 J	ND@6.4 J
1,2-DIBROMOETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
1,2-DICHLOROBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
1,2-DICHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@240	62 J	ND@240	1.1 J	3.1 J	3.5 J
1,2-DICHLOROPROPANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
1,3-DICHLOROBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,3-DICHLOROPROPANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4
1,4-DICHLOROBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
2-CHLOROTOLUENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
4-CHLOROTOLUENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
ACETONE	ug/kg	NA R	NA R	NA R	ND@17	ND@22	ND@26
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@980	ND@960	ND@960	ND@8.4 J	ND@11 J	ND@13 J
BENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
BROMOBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
BROMOCHLOROMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
BROMODICHLOROMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6 J	ND@6.4 J
BROMOMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CARBON DISULFIDE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
CARBON TETRACHLORIDE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CHLOROBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CHLORODIBROMOMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
CHLOROETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CHLOROMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CHLOROPRENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
CIS-1,2-DICHLOROETHENE	ug/kg	ND@240	62 J	ND@240	1.1 J	3.1 J	3.5 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
DIBROMOMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
ETHYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
HEXACHLOROBUTADIENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
IODOMETHANE	ug/kg	ND@240	ND@240	ND@240	ND@8.4	ND@11 J	ND@13 J
ISOPROPYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
ISOPROPYLTOLUENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
M.P.XYLENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
METHACRYLONITRILE	ug/kg	NA	NA	NA	ND@8.4	ND@11	ND@13
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@490 J	ND@480 J	ND@480 J	ND@8.4	ND@11 J	ND@13 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@490 J	ND@480 J	ND@480 J	ND@8.4	ND@11 J	ND@13 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@240	ND@240	ND@240	ND@17	ND@22	ND@26
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@490 J	ND@480 J	ND@480 J	ND@8.4	ND@11 J	ND@13 J
N-BUTYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
N-PROPYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
O-XYLENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
STYRENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
TERT-BUTYLBENZENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
TETRACHLOROETHENE	ug/kg	740	880	550	55	68	68
TETRAHYDROFURAN	ug/kg	ND@240 J	ND@240 J	ND@240 J	ND@4.2	ND@5.6 J	ND@6.4 J
TOLUENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6 J	ND@6.4 J
TRICHLOROETHENE	ug/kg	ND@240	53 J	ND@240	2 J	3.2 J	3.3 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@240	ND@240	ND@240	ND@4.2 J	ND@5.6	ND@6.4
VINYL ACETATE	ug/kg	NA	NA	NA	ND@4.2	ND@5.6 J	ND@6.4 J
VINYL CHLORIDE	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4
XYLENES, TOTAL	ug/kg	ND@240	ND@240	ND@240	ND@4.2	ND@5.6	ND@6.4

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

<b>Sample Location</b>	MIP 442	MIP 442	MIP 442	MIP 442	MIP 442	MIP 441
<b>Sample Description</b>	13-14'	2'	4'	6'	8'	2'
<b>Sample Date</b>	10/04/2006	11/07/2006	11/07/2006	11/07/2006	11/07/2006	11/07/2006
<b>Laboratory Sample I.D.</b>	213895-009	4910011	4910012	4910013	4910014	4910045

<b>Parameter</b>	<b>Units</b>	MIP 442	MIP 442	MIP 442	MIP 442	MIP 442	MIP 441
<b>Indicator Parameters</b>							
MOISTURE	%	23.1	11.4	10	9.1	10.7	9.2
PERCENT SOLIDS	%	76.9	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@13 J	ND@230	ND@210	ND@210	ND@200	ND@200
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@13 J	ND@230	ND@210	ND@210	ND@200	ND@200
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@13 J	ND@2300	ND@2100	ND@2100	ND@2000	ND@2000
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	ND@460	ND@420	ND@410	ND@400	ND@410
3-CHLOROPROPENE	ug/kg	ND@13	ND@230	ND@210	ND@210	ND@200	ND@200
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,1,1-TRICHLOROETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@6.3	ND@460	ND@420	ND@410	ND@400	ND@410
1,1,2-TRICHLOROETHANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,1-DICHLOROETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,1-DICHLOROETHENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,1-DICHLOROPROPENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,2,3-TRICHLOROBENZENE	ug/kg	ND@6.3 J	ND@230 J	ND@210 J	ND@210 J	ND@200 J	ND@200
1,2,3-TRICHLOROPROPANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,2,4-TRICHLOROBENZENE	ug/kg	ND@6.3 J	ND@230 J	ND@210 J	ND@210 J	ND@200 J	ND@200
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,2-DIBROMOETHANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,2-DICHLOROBENZENE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,2-DICHLOROETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,2-DICHLOROETHENE, TOTAL	ug/kg	5.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
1,2-DICHLOROPROPANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,3-DICHLOROBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,3-DICHLOROPROPANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,4-DICHLOROBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
2-CHLOROTOLUENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
4-CHLOROTOLUENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
ACETONE	ug/kg	ND@25	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	NA R	ND@4100
ACRYLONITRILE	ug/kg	ND@13 J	ND@930	ND@850	ND@820	ND@800	ND@810
BENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
BROMOBENZENE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
BROMOCHLOROMETHANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
BROMODICHLOROMETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
BROMOMETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
CARBON DISULFIDE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
CARBON TETRACHLORIDE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
CHLOROBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
CHLORODIBROMOMETHANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
CHLOROETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
CHLOROMETHANE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
CHLOROPRENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
CIS-1,2-DICHLOROETHENE	ug/kg	5.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
DIBROMOMETHANE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
ETHYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
HEXACHLOROBUTADIENE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
IODOMETHANE	ug/kg	ND@13 J	ND@230	ND@210	ND@210	ND@200	ND@200
ISOPROPYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
ISOPROPYLTOLUENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
M,P-XYLENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
METHACRYLONITRILE	ug/kg	ND@13	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@13 J	ND@460 J	ND@420 J	ND@410 J	ND@400 J	ND@410
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@13 J	ND@460 J	ND@420 J	ND@410 J	ND@400 J	ND@410
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@25	ND@230	ND@210	ND@210	ND@200	ND@200
MIK (4-METHYL-2-PENTANONE)	ug/kg	ND@13 J	ND@460 J	ND@420 J	ND@410 J	ND@400 J	ND@410
N-BUTYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
N-PROPYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
O-XYLENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
STYRENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
TERT-BUTYLBENZENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
TETRACHLOROETHENE	ug/kg	85	1,500.00	430	210	370	720
TETRAHYDROFURAN	ug/kg	ND@6.3 J	ND@230 J	ND@210 J	ND@210 J	ND@200 J	ND@200
TOLUENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@6.3 J	ND@230	ND@210	ND@210	ND@200	ND@200
TRICHLOROETHENE	ug/kg	4.7 J	ND@230	ND@210	ND@210	ND@200	ND@200
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
VINYL ACETATE	ug/kg	ND@6.3 J	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200
XYLENES, TOTAL	ug/kg	ND@6.3	ND@230	ND@210	ND@210	ND@200	ND@200

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location	MIP 451	MIP 451	MIP 451	MIP 451	MIP 451	MIP 451
Sample Description	4'	6'	8'	10'	12'	14'
Sample Date	11/07/2006	11/07/2006	11/07/2006	11/07/2006	11/07/2006	11/07/2006
Laboratory Sample I.D.	4910046	4910047	4910048	4910049	4910050	4910051

**Parameter** **Units**

**Indicator Parameters**

MOISTURE	%	8.1	8.5	7.8	8.1	5.9	3.9
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA

**Alcohols, Acetates, Aldehydes, Ketones**

ETHYL METHACRYLATE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2100	ND@2000	ND@2300	ND@2400	ND@2300	ND@2100

**Base/Neutral Extractables**

2-CHLOROETHYL VINYL ETHER	ug/kg	ND@430	ND@400	ND@460	ND@480	ND@460	ND@410
3-CHLOROPROPENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210

**Volatile Organics**

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,1,1-TRICHLOROETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@430	ND@400	ND@460	ND@480	ND@460	ND@410
1,1,2-TRICHLOROETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,1-DICHLOROETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,1-DICHLOROETHENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,1-DICHLOROPROPENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2,3-TRICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2,3-TRICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2,4-TRICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2-DIBROMOETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2-DICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2-DICHLOROETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,2-DICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,3-DICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,3-DICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,4-DICHLOROBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
2-CHLOROTOLUENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
4-CHLOROTOLUENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4300	ND@4000	ND@4600	ND@4800	ND@4600	ND@4100
ACRYLONITRILE	ug/kg	ND@850	ND@810	ND@920	ND@970	ND@930	ND@820
BENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
BROMOBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
BROMOCHLOROMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
BROMODICHLOROMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
BROMOMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CARBON DISULFIDE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CARBON TETRACHLORIDE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CHLOROBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CHLORODIBROMOMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@230	ND@240	ND@230	ND@210
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CHLOROMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CHLOROPRENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CIS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
DIBROMOMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
ETHYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
HEXACHLOROBUTADIENE	ug/kg	ND@210	ND@200	ND@230 J	ND@240 J	ND@230 J	ND@210 J
IODOMETHANE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
ISOPROPYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
ISOPROPYLTOLUENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
M,P-XYLENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@430	ND@400	ND@460	ND@480	ND@460	ND@410
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@430	ND@400	ND@460	ND@480	ND@460	ND@410
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@430	ND@400	ND@460	ND@480	ND@460	ND@410
N-BUTYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
N-PROPYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
O-XYLENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
STYRENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TERT-BUTYLBENZENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TETRACHLOROETHENE	ug/kg	340	420	230	450	310	220
TETRAHYDROFURAN	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TOLUENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TRICHLOROETHENE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210
XYLENES, TOTAL	ug/kg	ND@210	ND@200	ND@230	ND@240	ND@230	ND@210

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	MIP 453	MIP 453	MIP 453	MIP 453	MIP 453	MIP 453	
Sample Description	6-7'	10-11'	11-12'	2'	4'	8'	
Sample Date	10/04/2006	10/04/2006	10/04/2006	11/07/2006	11/07/2006	11/07/2006	
Laboratory Sample I.D.	213895-001	213895-002	213895-003	4910015	4910016	4910017	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	16.3	13.4	12.2	8.2	20.1	11.9
PERCENT SOLIDS	%	83.7	86.6	87.8	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@2400	ND@2700 J	ND@2200
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	NA R	ND@480	ND@550 J	ND@440
3-CHLOROPROPENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@480	ND@550 J	ND@440
1,1,2-TRICHLOROETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240 J	ND@270 J	ND@220 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240 J	ND@270 J	ND@220 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	1300 J	350 J	100 J	1,700.00	360 J	200 J
1,2-DICHLOROPROPANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
2-CHLOROTOLUENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
4-CHLOROTOLUENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
ACETONE	ug/kg	ND@5000 J	ND@1300 J	ND@1300 J	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@960	ND@1100 J	ND@880
BENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
BROMOBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
BROMOMETHANE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
CARBON DISULFIDE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
CHLOROBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
CHLOROETHANE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
CHLOROMETHANE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
CHLOROPRENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	1300 J	350 J	100 J	1,700.00	360 J	200 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
DIBROMOMETHANE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
ETHYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
IODOMETHANE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
ISOPROPYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
M,P-XYLENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
METHACRYLONITRILE	ug/kg	ND@2000	ND@510	ND@510	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@480 J	ND@550 J	ND@440 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@480 J	ND@550 J	ND@440 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@480 J	ND@550 J	ND@440 J
N-BUTYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
N-PROPYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
O-XYLENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
PROPIONITRILE	ug/kg	ND@4000 J	ND@1000 J	ND@1000 J	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
STYRENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
TETRACHLOROETHENE	ug/kg	25000	6900	6300	3,700.00	13,000.00 J	3,500.00
TETRAHYDROFURAN	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240 J	ND@270 J	ND@220 J
TOLUENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
TRICHLOROETHENE	ug/kg	860 J	190 J	130 J	300	370 J	130 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@2000 J	ND@510 J	ND@510 J	ND@240	ND@270 J	ND@220
VINYL ACETATE	ug/kg	ND@2000 J	ND@510 J	ND@510 J	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220
XYLENES, TOTAL	ug/kg	ND@2000	ND@510	ND@510	ND@240	ND@270 J	ND@220

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

<b>Sample Location</b>	MIP 453A	MIP 453A	MIP 457	MIP 457	MIP 457	MIP 457
<b>Sample Description</b>	12-13'	13-14'	2'	4'	6'	8'
<b>Sample Date</b>	10/04/2006	10/04/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006
<b>Laboratory Sample I.D.</b>	213895-004	213895-005	4911095	4911096	4911097	4911098

**Parameter** **Units**

**Indicator Parameters**

Parameter	Units	MIP 453A	MIP 453A	MIP 457	MIP 457	MIP 457	MIP 457
MOISTURE	%	9.5	7.8	10.4	10.5	6.8	11.1
PERCENT SOLIDS	%	90.5	92.2	NA	NA	NA	NA

**Alcohols, Acetates, Aldehydes, Ketones**

Parameter	Units	MIP 453A	MIP 453A	MIP 457	MIP 457	MIP 457	MIP 457
ETHYL METHACRYLATE	ug/kg	ND@9.2	ND@9.5 J	ND@210	ND@230	ND@240	ND@210
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@9.2	ND@9.5 J	ND@210	ND@230	ND@240	ND@210
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@9.2	ND@9.5 J	ND@2100	ND@2300	ND@2400	ND@2100

**Base/Neutral Extractables**

Parameter	Units	MIP 453A	MIP 453A	MIP 457	MIP 457	MIP 457	MIP 457
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	ND@420	ND@450	ND@490	ND@430
3-CHLOROPROPENE	ug/kg	ND@9.2	ND@9.5	ND@210	ND@230	ND@240	ND@210

**Volatile Organics**

Parameter	Units	MIP 453A	MIP 453A	MIP 457	MIP 457	MIP 457	MIP 457
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,1,1-TRICHLOROETHANE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@4.6 J	ND@4.7	ND@420	ND@450	ND@490	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,1-DICHLOROETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,1-DICHLOROETHENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,1-DICHLOROPROPENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,2,3-TRICHLOROBENZENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,2,3-TRICHLOROPROPANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,2,4-TRICHLOROBENZENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@4.6 J	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,2-DIBROMOETHANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,2-DICHLOROBENZENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,2-DICHLOROETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,2-DICHLOROETHENE, TOTAL	ug/kg	37	6.6	1,500.00	ND@230	220 J	52 J
1,2-DICHLOROPROPANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,3-DICHLOROBENZENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,3-DICHLOROPROPANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
1,4-DICHLOROBENZENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
2-CHLOROTOLUENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
4-CHLOROTOLUENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
ACETONE	ug/kg	ND@18	ND@19	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	ND@4200	ND@4500	ND@4900	ND@4300
ACRYLONITRILE	ug/kg	ND@9.2 J	ND@9.5 J	ND@830	ND@900	ND@980	ND@860
BENZENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
BROMOBENZENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
BROMOCHLOROMETHANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
BROMODICHLOROMETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@4.6 J	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
BROMOMETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
CARBON DISULFIDE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
CARBON TETRACHLORIDE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
CHLOROBENZENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
CHLORODIBROMOMETHANE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
CHLOROETHANE	ug/kg	ND@4.6	ND@4.7	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
CHLOROMETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
CHLOROPRENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
CIS-1,2-DICHLOROETHENE	ug/kg	37	6.6	1,400.00	ND@230	220 J	52 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
DIBROMOMETHANE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
ETHYLBENZENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
HEXACHLOROBUTADIENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
IODOMETHANE	ug/kg	ND@9.2	ND@9.5 J	ND@210	ND@230	ND@240	ND@210
ISOPROPYLBENZENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
ISOPROPYLTOLUENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
M,P-XYLENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
METHACRYLONITRILE	ug/kg	ND@9.2	ND@9.5	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@9.2	ND@9.5 J	ND@420	ND@450	ND@490	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@9.2	ND@9.5 J	ND@420	ND@450	ND@490	ND@430
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@18	ND@19	ND@210	ND@230	ND@240	ND@210
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@9.2	ND@9.5 J	ND@420	ND@450	ND@490	ND@430
N-BUTYLBENZENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
N-PROPYLBENZENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
O-XYLENE	ug/kg	ND@4.6	ND@4.7	ND@210 J	ND@230 J	ND@240 J	ND@210 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
STYRENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
TERT-BUTYLBENZENE	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
TETRACHLOROETHENE	ug/kg	130	64	2,000.00	770	650	2,200.00
TETRAHYDROFURAN	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
TOLUENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@4.6	ND@4.7 J	ND@210	ND@230	ND@240	ND@210
TRICHLOROETHENE	ug/kg	12	4.3 J	180 J	ND@230	ND@240	69 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@4.6 J	ND@4.7	ND@210	ND@230	ND@240	ND@210
VINYL ACETATE	ug/kg	ND@4.6	ND@4.7 J	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210
XYLENES, TOTAL	ug/kg	ND@4.6	ND@4.7	ND@210	ND@230	ND@240	ND@210

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 457	MIP 457	MIP 457	MIP 467	MIP 467	MIP 467
Sample Description	10'	12'	14'	9-10'	10-11'	11-12'
Sample Date	11/08/2006	11/08/2006	11/08/2006	10/03/2006	10/03/2006	10/03/2006
Laboratory Sample I.D.	4911099	4911100	4911101	213885-017	213885-018	213885-019

Parameter	Units	MIP 457	MIP 457	MIP 457	MIP 467	MIP 467	MIP 467
<b>Indicator Parameters</b>							
MOISTURE	%	10.3	5	4.3	6.2	8.5	6.3
PERCENT SOLIDS	%	NA	NA	NA	93.8	91.5	93.7
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@11 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@11 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2900	ND@2300	ND@2300	ND@440 J	ND@410 J	ND@11 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@580	ND@460	ND@470	NA R	NA R	NA R
3-CHLOROPROPENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@11
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,1,1-TRICHLOROETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@580	ND@460	ND@470	ND@440	ND@410	ND@5.5
1,1,2-TRICHLOROETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,1-DICHLOROETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,1-DICHLOROETHENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,1-DICHLOROPROPENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,2,3-TRICHLOROBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5 J
1,2-DIBROMOETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,2-DICHLOROBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,2-DICHLOROETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5
1,2-DICHLOROETHENE, TOTAL	ug/kg	90 J	ND@230	ND@230	ND@440	ND@410	2.4 J
1,2-DICHLOROPROPANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,3-DICHLOROBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,3-DICHLOROPROPANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
1,4-DICHLOROBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
2-CHLOROTOLUENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
4-CHLOROTOLUENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
ACETONE	ug/kg	NA R	NA R	NA R	ND@1100 J	ND@1000 J	ND@22
ACROLEIN	ug/kg	ND@5800	ND@4600	ND@4700	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@1200	ND@920	ND@930	ND@440 J	ND@410 J	ND@11 J
BENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
BROMOBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
BROMOCHLOROMETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
BROMODICHLOROMETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
BROMOMETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5
CARBON DISULFIDE	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5 J
CARBON TETRACHLORIDE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
CHLOROBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
CHLORODIBROMOMETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
CHLOROETHANE	ug/kg	ND@290	NA R	NA R	ND@440 J	ND@410 J	ND@5.5
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
CHLOROMETHANE	ug/kg	NA R	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5
CHLOROPRENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
CIS-1,2-DICHLOROETHENE	ug/kg	90 J	ND@230	ND@230	ND@440	ND@410	2.2 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
DIBROMOMETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
ETHYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
HEXACHLOROBUTADIENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
IODOMETHANE	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@11 J
ISOPROPYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
ISOPROPYLTOLUENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
M,P-XYLENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
METHACRYLONITRILE	ug/kg	NA	NA	NA	ND@440	ND@410	ND@11
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@580	ND@460	ND@470	ND@440 J	ND@410 J	ND@11 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@580	ND@460	ND@470	ND@440 J	ND@410 J	ND@11 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@22
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@580	ND@460	ND@470	ND@440 J	ND@410 J	ND@11 J
N-BUTYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
N-PROPYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
O-XYLENE	ug/kg	ND@290 J	ND@230 J	ND@230 J	ND@440	ND@410	ND@5.5
PROPIONITRILE	ug/kg	NA R	NA R	NA R	ND@880 J	ND@830 J	NA R
SEC-BUTYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
STYRENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
TERT-BUTYLBENZENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
TETRACHLOROETHENE	ug/kg	3,400.00	200 J	ND@230	1300	2000	210
Tetrahydrofuran	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5 J
TOLUENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5 J
TRICHLOROETHENE	ug/kg	82 J	ND@230	ND@230	ND@440	ND@410	4.2 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@290	ND@230	ND@230	ND@440 J	ND@410 J	ND@5.5
VINYL ACETATE	ug/kg	NA	NA	NA	ND@440 J	ND@410 J	ND@5.5 J
VINYL CHLORIDE	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5
XYLENES, TOTAL	ug/kg	ND@290	ND@230	ND@230	ND@440	ND@410	ND@5.5

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	MIP 467	MIP 467	MIP 467	MIP 467	MIP 467	MIP 467	
Sample Description	12-13'	13-14'	2'	4'	6'	8'	
Sample Date	10/03/2006	10/03/2006	11/07/2006	11/07/2006	11/07/2006	11/07/2006	
Laboratory Sample I.D.	213885-020	213885-021	4910019	4910020	4910021	4910022	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	14.3	3.7	27	8.7	5.4	6.6
PERCENT SOLIDS	%	85.7	96.3	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@530	ND@11 J	ND@1700	ND@210 J	ND@200	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@530	ND@11 J	ND@1700	ND@210 J	ND@200	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@530 J	ND@11 J	ND@1700	ND@2100 J	ND@2000	ND@2200
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	ND@3500	ND@420 J	ND@400	ND@450
3-CHLOROPROPENE	ug/kg	ND@530	ND@11	ND@1700	ND@210 J	ND@200	ND@220
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@530	ND@5.4	ND@3500	ND@420 J	ND@400	ND@450
1,1,2-TRICHLOROETHANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@530	ND@5.4 J	ND@1700 J	ND@210 J	ND@200	ND@220 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@530	ND@5.4 J	ND@1700 J	ND@210 J	ND@200	ND@220 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@530 J	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@530 J	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@530	6.5	1,800.00	ND@210 J	ND@200	ND@220
1,2-DICHLOROPROPANE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
2-CHLOROTOLUENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
4-CHLOROTOLUENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
ACETONE	ug/kg	ND@1300 J	ND@21	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	ND@4000	NA R
ACRYLONITRILE	ug/kg	ND@530 J	ND@11 J	ND@6900	ND@840 J	ND@810	ND@900
BENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
BROMOBENZENE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
BROMOMETHANE	ug/kg	ND@530 J	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
CARBON DISULFIDE	ug/kg	ND@530 J	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
CHLOROBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
CHLOROETHANE	ug/kg	ND@530 J	ND@5.4	ND@1700	ND@210 J	ND@200 J	ND@220
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
CHLOROMETHANE	ug/kg	ND@530 J	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
CHLOROPRENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@530	5.1 J	1,800.00	ND@210 J	ND@200	ND@220
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
DIBROMOMETHANE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
ETHYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
IODOMETHANE	ug/kg	ND@530 J	ND@11 J	ND@1700	ND@210 J	ND@200	ND@220
ISOPROPYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
M,P-XYLENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
METHACRYLONITRILE	ug/kg	ND@530	ND@11	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@530 J	ND@11 J	ND@3500 J	ND@420 J	ND@400	ND@450 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@530 J	ND@11 J	ND@3500 J	ND@420 J	ND@400	ND@450 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@530 J	ND@21	ND@1700	ND@210 J	ND@200	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@530 J	ND@11 J	ND@3500 J	ND@420 J	ND@400	ND@450 J
N-BUTYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
N-PROPYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
O-XYLENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
PROPIONITRILE	ug/kg	ND@1100 J	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
STYRENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
TETRACHLOROETHENE	ug/kg	1600	6	130,000.00	1,500.00 J	670	540
TETRAHYDROFURAN	ug/kg	ND@530 J	ND@5.4 J	ND@1700 J	ND@210 J	ND@200	ND@220 J
TOLUENE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@530	1.3 J	ND@1700	ND@210 J	ND@200	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@530	ND@5.4 J	ND@1700	ND@210 J	ND@200	ND@220
TRICHLOROETHENE	ug/kg	ND@530	1.8 J	2,200.00	ND@210 J	ND@200	ND@220
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@530 J	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
VINYL ACETATE	ug/kg	ND@530 J	ND@5.4 J	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220
XYLENES, TOTAL	ug/kg	ND@530	ND@5.4	ND@1700	ND@210 J	ND@200	ND@220

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 469	MIP 469	MIP 469	MIP 469	MIP 469	MIP 469
Sample Description	10-11'	11-12'	12-13'	13-14'	2'	4'
Sample Date	10/03/2006	10/03/2006	10/03/2006	10/03/2006	11/07/2006	11/07/2006
Laboratory Sample I.D.	213885-013	213885-014	213885-015	213885-016	4910023	4910024

Parameter	Units					
<b>Indicator Parameters</b>						
MOISTURE	%	13	11.5	13.8	7	4.9
PERCENT SOLIDS	%	87	88.5	86.2	93	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@160 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@160 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@1600 J
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	NA R	NA R	ND@330 J
3-CHLOROPROPENE	ug/kg	ND@10	ND@11	ND@11	ND@11	ND@160 J
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@460 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,1-DICHLOROETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,1-DICHLOROETHENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,1-DICHLOROPROPENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@5 J	ND@5.3 J	ND@5.3 J	ND@5.4 J	ND@230 J
1,2-DIBROMOETHANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,2-DICHLOROBENZENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,2-DICHLOROETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@5	ND@5.3	17	3.7 J	ND@230 J
1,2-DICHLOROPROPANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
1,3-DICHLOROBENZENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,3-DICHLOROPROPANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
1,4-DICHLOROBENZENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
2-CHLOROTOLUENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
4-CHLOROTOLUENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
ACETONE	ug/kg	ND@20	ND@21	ND@21	ND@22	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	ND@460 J
ACRYLONITRILE	ug/kg	ND@10 J	ND@11 J	ND@11 J	ND@11 J	ND@920 J
BENZENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
BROMOBENZENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
BROMOCHLOROMETHANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
BROMODICHLOROMETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@5 J	ND@5.3 J	ND@5.3 J	ND@5.4 J	ND@230 J
BROMOMETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CARBON DISULFIDE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	0.83 J	ND@230 J
CARBON TETRACHLORIDE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CHLOROBENZENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CHLORODIBROMOMETHANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
CHLOROETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CHLOROMETHANE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CHLOROPRENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@5	ND@5.3	ND@5.3	10	2 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
DIBROMOMETHANE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
ETHYLBENZENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
HEXACHLOROBUTADIENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
IODOMETHANE	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@230 J
ISOPROPYLBENZENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
ISOPROPYLTOLUENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
M,P-XYLENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
METHACRYLONITRILE	ug/kg	ND@10	ND@11	ND@11	ND@11	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@460 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@460 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@20	ND@21	ND@21	ND@22	ND@230 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@10 J	ND@11	ND@11 J	ND@11 J	ND@460 J
N-BUTYLBENZENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
N-PROPYLBENZENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
O-XYLENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
STYRENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
TERT-BUTYLBENZENE	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
TETRACHLOROETHENE	ug/kg	180	150	48	7.1	520 J
Tetrahydrofuran	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
TOLUENE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@5	ND@5.3	ND@5.3	7.4	1.8 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	ND@230 J
TRICHLOROETHENE	ug/kg	2.2 J	2.1 J	6.1	1.7 J	120 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@5	ND@5.3 J	ND@5.3	ND@5.4	ND@230 J
VINYL ACETATE	ug/kg	ND@5 J	ND@5.3	ND@5.3 J	ND@5.4 J	NA
VINYL CHLORIDE	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J
XYLENES, TOTAL	ug/kg	ND@5	ND@5.3	ND@5.3	ND@5.4	ND@230 J



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location		MIP 469	MIP 469	MIP 471	MIP 471	MIP 471	MIP 471
Sample Description		6'	8'	2'	4'	6'	8'
Sample Date		11/07/2006	11/07/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006
Laboratory Sample I.D.		4910025	4910026	4911078	4911079	4911080	4911081
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	10.1	9.8	9.5	6.1	13.1	8.3
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2100 J	ND@2000 J	ND@2000	ND@1600	ND@2400 J	ND@2100
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@420 J	ND@400 J	ND@400	ND@320	ND@480 J	ND@430
3-CHLOROPROPENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,1,1-TRICHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@420 J	ND@400 J	ND@400	ND@320	ND@480 J	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,1-DICHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,1-DICHLOROETHENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,1-DICHLOROPROPENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2,3-TRICHLOROBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2,3-TRICHLOROPROPANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2,4-TRICHLOROBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2-DIBROMOETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2-DICHLOROBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2-DICHLOROETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,2-DICHLOROPROPANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,3-DICHLOROBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,3-DICHLOROPROPANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,4-DICHLOROBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
2-CHLOROTOLUENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
4-CHLOROTOLUENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
ACETONE	ug/kg	NA R	ND@810 R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4200 J	ND@4000 J	ND@4000	ND@3200	ND@4800 J	ND@4300
ACRYLONITRILE	ug/kg	ND@840 J	ND@810 J	ND@810	ND@650	ND@960 J	ND@850
BENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
BROMOBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
BROMOCHLOROMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
BROMODICHLOROMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
BROMOMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CARBON DISULFIDE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CARBON TETRACHLORIDE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CHLOROBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CHLORODIBROMOMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CHLOROETHANE	ug/kg	ND@210 J	ND@200 J	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CHLOROMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CHLOROPRENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CIS-1,2-DICHLOROETHENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
DIBROMOMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
ETHYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
HEXACHLOROBUTADIENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
IODOMETHANE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
ISOPROPYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
ISOPROPYLTOLUENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
M,P-XYLENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@420 J	ND@400 J	ND@400	ND@320	ND@480 J	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@420 J	ND@400 J	ND@400	ND@320	ND@480 J	ND@430
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@420 J	ND@400 J	ND@400	ND@320	ND@480 J	ND@430
N-BUTYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
N-PROPYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
O-XYLENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210 J
PROPIONITRILE	ug/kg	NA R	NA R	ND@4000	ND@3200	ND@4800 J	NA R
SEC-BUTYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
STYRENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TERT-BUTYLBENZENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TETRACHLOROETHENE	ug/kg	550 J	1,800.00 J	120 J	3,100.00	110 J	210 J
TETRAHYDROFURAN	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TOLUENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TRICHLOROETHENE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@210 J	ND@200 J	ND@200 J	ND@160 J	ND@240 J	ND@210
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210
XYLENES, TOTAL	ug/kg	ND@210 J	ND@200 J	ND@200	ND@160	ND@240 J	ND@210

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 471	MIP 471	MIP 471	MIP 473	MIP 473	MIP 473
Sample Description	10'	12'	14'	2-3'	3-4'	4-5'
Sample Date	11/08/2006	11/08/2006	11/08/2006	10/03/2006	10/03/2006	10/03/2006
Laboratory Sample I.D.	4911082	4911083	4911084	213885-001	213885-002	213885-003

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	9.5	12.1	6.8	3.5	9.9	4.6
PERCENT SOLIDS	%	NA	NA	NA	96.5	90.1	95.4
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2000	ND@2300	ND@2100	ND@430 J	ND@450 J	ND@420 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@410	ND@470	ND@430	NA R	NA R	NA R
3-CHLOROPROPENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,1,1-TRICHLOROETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@410	ND@470	ND@430	ND@430	ND@450	ND@420
1,1,2-TRICHLOROETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,1-DICHLOROETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,1-DICHLOROETHENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,1-DICHLOROPROPENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2,3-TRICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2,3-TRICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2,4-TRICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
1,2-DIBROMOETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2-DICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2-DICHLOROETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,2-DICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,3-DICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,3-DICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,4-DICHLOROBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
2-CHLOROTOLUENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
4-CHLOROTOLUENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
ACETONE	ug/kg	NA R	NA R	NA R	ND@1100 J	ND@1100 J	1000 J
ACROLEIN	ug/kg	ND@4100	ND@4700	ND@4300	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@820	ND@940	ND@850	ND@430 J	ND@450 J	ND@420 J
BENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
BROMOBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
BROMOCHLOROMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
BROMODICHLOROMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
BROMOMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
CARBON DISULFIDE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
CARBON TETRACHLORIDE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
CHLOROBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
CHLORODIBROMOMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
CHLOROETHANE	ug/kg	NA R	NA R	NA R	ND@430 J	ND@450 J	ND@420 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
CHLOROMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
CHLOROPRENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
CIS-1,2-DICHLOROETHENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
DIBROMOMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
ETHYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
HEXACHLOROBUTADIENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
IODOMETHANE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
ISOPROPYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
ISOPROPYLTOLUENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
M,P-XYLENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
METHACRYLONITRILE	ug/kg	NA	NA	NA	ND@430	ND@450	ND@420
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@410	ND@470	ND@430	ND@430 J	ND@450 J	ND@420 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@410	ND@470	ND@430	ND@430 J	ND@450 J	ND@420 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	420 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@410	ND@470	ND@430	ND@430 J	ND@450 J	ND@420 J
N-BUTYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
N-PROPYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
O-XYLENE	ug/kg	ND@200 J	ND@230 J	ND@210 J	ND@430	ND@450	ND@420
PROPIONITRILE	ug/kg	NA R	NA R	NA R	ND@860 J	ND@910 J	ND@830 J
SEC-BUTYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
STYRENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
TERT-BUTYLBENZENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
TETRACHLOROETHENE	ug/kg	480	290	ND@210	4600	8700	4000
TETRAHYDROFURAN	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450 J	ND@420 J
TOLUENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@200	ND@230	ND@210	ND@430 J	ND@450	ND@420
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
TRICHLOROETHENE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@200	ND@230	ND@210	83 J	98 J	74 J
VINYL ACETATE	ug/kg	NA	NA	NA	ND@430 J	ND@450 J	ND@420 J
VINYL CHLORIDE	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420
XYLENES, TOTAL	ug/kg	ND@200	ND@230	ND@210	ND@430	ND@450	ND@420

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location	MIP 473	MIP 473	MIP 473	MIP 473	MIP 473	MIP 473
Sample Description	5-6'	6-7'	7-8'	8-9'	9-10'	10-11'
Sample Date	10/03/2006	10/03/2006	10/03/2006	10/03/2006	10/03/2006	10/03/2006
Laboratory Sample I.D.	213885-004	213885-005	213885-006	213885-007	213885-008	213885-009

Parameter	Units	MIP 473	MIP 473	MIP 473	MIP 473	MIP 473	MIP 473
<b>Indicator Parameters</b>							
MOISTURE	%	5	7.2	11.3	11.2	10	9.3
PERCENT SOLIDS	%	95	92.8	88.7	88.8	90	90.7
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
3-CHLOROPROPENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1,1-TRICHLOROETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1,2-TRICHLOROETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1-DICHLOROETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1-DICHLOROETHENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,1-DICHLOROPROPENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2,3-TRICHLOROBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2,3-TRICHLOROPROPANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2,4-TRICHLOROBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
1,2-DIBROMOETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2-DICHLOROBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2-DICHLOROETHANE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,2-DICHLOROPROPANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,3-DICHLOROBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,3-DICHLOROPROPANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,4-DICHLOROBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
2-CHLOROTOLUENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
4-CHLOROTOLUENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
ACETONE	ug/kg	ND@1200 J	ND@1300 J	ND@1100 J	ND@1000 J	ND@1100 J	ND@1000 J
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
BENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
BROMOBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
BROMOCHLOROMETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
BROMODICHLOROMETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
BROMOMETHANE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
CARBON DISULFIDE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
CARBON TETRACHLORIDE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
CHLOROBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
CHLORODIBROMOMETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
CHLOROETHANE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
CHLOROMETHANE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
CHLOROPRENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
CIS-1,2-DICHLOROETHENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
DIBROMOMETHANE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
ETHYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
HEXACHLOROBUTADIENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
IODOMETHANE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
ISOPROPYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
ISOPROPYLTOLUENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
M,P-XYLENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
METHACRYLONITRILE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
N-BUTYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
N-PROPYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
O-XYLENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
PROPIONITRILE	ug/kg	ND@960 J	ND@1000 J	ND@920 J	ND@840 J	ND@890 J	ND@830 J
SEC-BUTYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
STYRENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TERT-BUTYLBENZENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TETRACHLOROETHENE	ug/kg	1800	1400	1500	3500	2100	2600
TETRAHYDROFURAN	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
TOLUENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TRICHLOROETHENE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
VINYL ACETATE	ug/kg	ND@480 J	ND@510 J	ND@460 J	ND@420 J	ND@440 J	ND@410 J
VINYL CHLORIDE	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410
XYLENES, TOTAL	ug/kg	ND@480	ND@510	ND@460	ND@420	ND@440	ND@410

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 473	MIP 473	MIP 473	MIP 475	MIP 475	MIP 475
Sample Description	11-12'	12-13'	13-14'	2'	4'	6'
Sample Date	10/03/2006	10/03/2006	10/03/2006	11/08/2006	11/08/2006	11/08/2006
Laboratory Sample I.D.	213885-010	213885-011	213885-012	4911085	4911086	4911087

Parameter	Units	MIP 473	MIP 473	MIP 473	MIP 475	MIP 475	MIP 475
<b>Indicator Parameters</b>							
MOISTURE	%	7.8	12.2	10.2	10.8	9.6	10.6
PERCENT SOLIDS	%	92.2	87.8	89.8	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@9.1	ND@460	ND@9.1	ND@240	ND@230	ND@210
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@9.1	ND@460	ND@9.1	ND@240	ND@230	ND@210
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@9.1	ND@460 J	ND@9.1	ND@2400	ND@2300	ND@2100
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	NA R	ND@480	ND@450	ND@430
3-CHLOROPROPENE	ug/kg	ND@9.1	ND@460	ND@9.1	ND@240	ND@230	ND@210
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,1,1-TRICHLOROETHANE	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@240	ND@230	ND@210
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@480	ND@450	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,1-DICHLOROETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,1-DICHLOROETHENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,1-DICHLOROPROPENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,2,3-TRICHLOROBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,2,3-TRICHLOROPROPANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,2,4-TRICHLOROBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@4.5 J	ND@460	85 J	ND@240	ND@230	ND@210
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@4.5 J	ND@460 J	ND@4.5 J	ND@240	ND@230	ND@210
1,2-DIBROMOETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,2-DICHLOROBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,2-DICHLOROETHANE	ug/kg	ND@4.5	ND@460 J	ND@4.5	ND@240	ND@230	ND@210
1,2-DICHLOROETHENE, TOTAL	ug/kg	1.8 J	ND@460	20	ND@240	ND@230	ND@210
1,2-DICHLOROPROPANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@4.5 J	ND@460	35 J	ND@240	ND@230	ND@210
1,3-DICHLOROBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,3-DICHLOROPROPANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,4-DICHLOROBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@240	ND@230	ND@210
2-CHLOROTOLUENE	ug/kg	ND@4.5 J	ND@460	ND@4.5	ND@240	ND@230	ND@210
4-CHLOROTOLUENE	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@240	ND@230	ND@210
ACETONE	ug/kg	ND@18	ND@1100 J	ND@18	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	ND@4800	ND@4500	ND@4300
ACRYLONITRILE	ug/kg	ND@9.1 J	ND@460 J	ND@9.1 J	ND@960	ND@900	ND@860
BENZENE	ug/kg	ND@4.5	ND@460	1.7 J	ND@240	ND@230	ND@210
BROMOBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
BROMOCHLOROMETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
BROMODICHLOROMETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@240	ND@230	ND@210
BROMOMETHANE	ug/kg	ND@4.5	ND@460 J	ND@4.5	ND@240	ND@230	ND@210
CARBON DISULFIDE	ug/kg	ND@4.5	ND@460 J	1.4 J	ND@240	ND@230	ND@210
CARBON TETRACHLORIDE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
CHLOROBENZENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
CHLORODIBROMOMETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
CHLOROETHANE	ug/kg	ND@4.5	ND@460 J	ND@4.5	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
CHLOROMETHANE	ug/kg	ND@4.5	ND@460 J	ND@4.5	ND@240	ND@230	ND@210
CHLOROPRENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
CIS-1,2-DICHLOROETHENE	ug/kg	1.8 J	ND@460	20	ND@240	ND@230	ND@210
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
DIBROMOMETHANE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@240	ND@230	ND@210
ETHYLBENZENE	ug/kg	ND@4.5	ND@460	38	ND@240	ND@230	ND@210
HEXACHLOROBUTADIENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
IODOMETHANE	ug/kg	ND@9.1	ND@460 J	ND@9.1	ND@240	ND@230	ND@210
ISOPROPYLBENZENE	ug/kg	ND@4.5 J	ND@460	4.6 J	ND@240	ND@230	ND@210
ISOPROPYLTOLUENE	ug/kg	ND@4.5 J	ND@460	2.5 J	ND@240	ND@230	ND@210
M,P-XYLENE	ug/kg	ND@4.5	140 J	120	ND@240	ND@230	ND@210
METHACRYLONITRILE	ug/kg	ND@9.1	ND@460	ND@9.1	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@9.1	ND@460 J	ND@9.1	ND@480	ND@450	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@9.1	ND@460 J	ND@9.1	ND@480	ND@450	ND@430
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@18	ND@460 J	ND@18	ND@240	ND@230	ND@210
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@9.1	ND@460 J	ND@9.1	ND@480	ND@450	ND@430
N-BUTYLBENZENE	ug/kg	ND@4.5	ND@460	2.1 J	ND@240	ND@230	ND@210
N-PROPYLBENZENE	ug/kg	ND@4.5 J	ND@460	18 J	ND@240	ND@230	ND@210
O-XYLENE	ug/kg	ND@4.5	ND@460	2 J	ND@240 J	ND@230 J	ND@210 J
PROPIONITRILE	ug/kg	NA R	ND@910 J	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@4.5 J	ND@460	2.4 J	ND@240	ND@230	ND@210
STYRENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
TERT-BUTYLBENZENE	ug/kg	ND@4.5 J	ND@460	ND@4.5 J	ND@240	ND@230	ND@210
TETRACHLOROETHENE	ug/kg	150	1300	50	2,700.00	410	320
TETRAHYDROFURAN	ug/kg	ND@4.5	ND@460 J	5.1	ND@240	ND@230	ND@210
TOLUENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
TRICHLOROETHENE	ug/kg	3.1 J	ND@460	2.2 J	74 J	ND@230	ND@210
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@4.5 J	ND@460 J	ND@4.5 J	ND@240	ND@230	ND@210
VINYL ACETATE	ug/kg	ND@4.5	ND@460 J	ND@4.5	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@4.5	ND@460	ND@4.5	ND@240	ND@230	ND@210
XYLENES, TOTAL	ug/kg	ND@4.5	140 J	120	ND@240	ND@230	ND@210

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 475	MIP 475	MIP 475	MIP 475	MIP 477	MIP 477
Sample Description	8'	10'	12'	14'	2'	4'
Sample Date	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006
Laboratory Sample I.D.	4911088	4911089	4911090	4911091	4911058	4911059

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	8.3	9.9	10.3	12.1	10.5	7.2
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210 J	NA J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2200	ND@2200	ND@2400	ND@2300	ND@2100	ND@2400
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@440	ND@450	ND@490	ND@460	ND@420	ND@480
3-CHLOROPROPENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,1,1-TRICHLOROETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@440	ND@450	ND@490	ND@460	ND@420	ND@480
1,1,2-TRICHLOROETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,1-DICHLOROETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,1-DICHLOROETHENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,1-DICHLOROPROPENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2,3-TRICHLOROBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2,3-TRICHLOROPROPANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2,4-TRICHLOROBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210 J	ND@240 J
1,2-DIBROMOETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2-DICHLOROBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2-DICHLOROETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,2-DICHLOROPROPANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,3-DICHLOROBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,3-DICHLOROPROPANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,4-DICHLOROBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
2-CHLOROTOLUENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
4-CHLOROTOLUENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4400	ND@4500	ND@4900	ND@4600	ND@4200	ND@4800
ACRYLONITRILE	ug/kg	ND@890	ND@890	ND@970	ND@920	ND@850	ND@960
BENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
BROMOBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
BROMOCHLOROMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
BROMODICHLOROMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
BROMOMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CARBON DISULFIDE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CARBON TETRACHLORIDE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CHLOROBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CHLORODIBROMOMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CHLOROMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CHLOROPRENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CIS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
DIBROMOMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
ETHYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
HEXACHLOROBUTADIENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
IODOMETHANE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
ISOPROPYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
ISOPROPYLTOLUENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
M,P-XYLENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@440	ND@450	ND@490	ND@460	ND@420	ND@480
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@440	ND@450	ND@490	ND@460	ND@420	ND@480
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@440	ND@450	ND@490	ND@460	ND@420	ND@480
N-BUTYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
N-PROPYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
O-XYLENE	ug/kg	ND@220 J	ND@220 J	ND@240 J	ND@230 J	ND@210	ND@240
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
STYRENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TERT-BUTYLBENZENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TETRACHLOROETHENE	ug/kg	990	400	360	54 J	8,900.00	300
TETRAHYDROFURAN	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TOLUENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
TRICHLOROETHENE	ug/kg	ND@220	ND@220	ND@240	ND@230	450	ND@240
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240
XYLENES, TOTAL	ug/kg	ND@220	ND@220	ND@240	ND@230	ND@210	ND@240

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 477	MIP 477	MIP 477	MIP 477	MIP 477	MIP 479
Sample Description	6'	8'	10'	12'	14'	2'
Sample Date	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006
Laboratory Sample I.D.	4911060	4911061	4911062	4911063	4911064	4911065

Parameter	Units	MIP 477	MIP 477	MIP 477	MIP 477	MIP 477	MIP 479
<b>Indicator Parameters</b>							
MOISTURE	%	8.8	8.2	8.7	9.2	9.4	18.2
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@220 J	ND@240 J	ND@230 J	ND@220 J	ND@240 J	ND@290 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2200	ND@2400	ND@2300	ND@2200	ND@2400 J	ND@2900 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@440	ND@490	ND@460	ND@430	ND@470 J	ND@580 J
3-CHLOROPROPENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@440	ND@490	ND@460	ND@430	ND@470 J	ND@580 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,1-DICHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,1-DICHLOROETHENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,1-DICHLOROPROPENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@220 J	ND@240 J	ND@230 J	ND@220 J	ND@240 J	ND@290 J
1,2-DIBROMOETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2-DICHLOROBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2-DICHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,2-DICHLOROPROPANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,3-DICHLOROBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,3-DICHLOROPROPANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,4-DICHLOROBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
2-CHLOROTOLUENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
4-CHLOROTOLUENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4400	ND@4900	ND@4600	ND@4300	ND@4700 J	ND@5800 J
ACRYLONITRILE	ug/kg	ND@880	ND@980	ND@920	ND@860	ND@940 J	ND@1200 J
BENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
BROMOBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
BROMOCHLOROMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
BROMODICHLOROMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
BROMOMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CARBON DISULFIDE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CARBON TETRACHLORIDE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CHLOROBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CHLORODIBROMOMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CHLOROETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	NA R	ND@290 R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CHLOROMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CHLOROPRENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
DIBROMOMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
ETHYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
HEXACHLOROBUTADIENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
IODOMETHANE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
ISOPROPYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
ISOPROPYLTOLUENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
M,P-XYLENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@440	ND@490	ND@460	ND@430	ND@470 J	ND@580 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@440	ND@490	ND@460	ND@430	ND@470 J	ND@580 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@440	ND@490	ND@460	ND@430	ND@470 J	ND@580 J
N-BUTYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
N-PROPYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
O-XYLENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	ND@4700 J	ND@5800 J
SEC-BUTYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
STYRENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TERT-BUTYLBENZENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TETRACHLOROETHENE	ug/kg	370	300	390	470	650 J	3,200.00 J
TETRAHYDROFURAN	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TOLUENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
TRICHLOROETHENE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	240 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J
XYLENES, TOTAL	ug/kg	ND@220	ND@240	ND@230	ND@220	ND@240 J	ND@290 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 479	MIP 479	MIP 479	MIP 479	MIP 479	MIP 479
Sample Description	4'	6'	8'	10'	12'	14'
Sample Date	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006
Laboratory Sample I.D.	4911066	4911067	4911068	4911069	4911070	4911071
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	8.3	16.5	11.2	4.6	16.3
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@2300 J	ND@2100	ND@2700	ND@2500 J
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@500	ND@460 J	ND@420	ND@540	ND@500 J
3-CHLOROPROPENE	ug/kg	ND@250 J	ND@230 J	ND@210 J	ND@270	ND@250 J
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@500	ND@460 J	ND@420	ND@540	ND@500 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
2-CHLOROTOLUENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
4-CHLOROTOLUENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5000	ND@4600 J	ND@4200	ND@5400	ND@5000 J
ACRYLONITRILE	ug/kg	ND@1000	ND@920 J	ND@830	ND@1100	ND@990 J
BENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
BROMOBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
BROMOMETHANE	ug/kg	ND@250 J	ND@230 J	ND@210 J	ND@270	ND@250 J
CARBON DISULFIDE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CHLOROBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CHLOROMETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CHLOROPRENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
DIBROMOMETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
ETHYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
HEXACHLOROBUTADIENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
IODOMETHANE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
ISOPROPYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
M,P-XYLENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@500	ND@460 J	ND@420	ND@540	ND@500 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@500	ND@460 J	ND@420	ND@540	ND@500 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@500	ND@460 J	ND@420	ND@540	ND@500 J
N-BUTYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
N-PROPYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
O-XYLENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
PROPIONITRILE	ug/kg	ND@5000	ND@4600 J	ND@4200	ND@5400	ND@5000 J
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
STYRENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TETRACHLOROETHENE	ug/kg	120 J	120 J	130 J	610	710 J
TETRAHYDROFURAN	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TOLUENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TRICHLOROETHENE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@230 J	ND@210	NA J	ND@250 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J
XYLENES, TOTAL	ug/kg	ND@250	ND@230 J	ND@210	ND@270	ND@250 J

OU#4 Focused Feasibility Study  
Soil Analytical Chemistry Data  
September-November 2006

Sample Location	MIP 482	MIP 482	MIP 482	MIP 482	MIP 482	MIP 482
Sample Description	10-11'	11-12'	12-13'	13-14'	2'	4'
Sample Date	10/02/2006	10/02/2006	10/02/2006	10/02/2006	11/07/2006	11/07/2006
Laboratory Sample I.D.	213878-010	213878-011	213878-012	213878-013	4910029	4910030

Parameter Units

Indicator Parameters

MOISTURE	%	3.8	15.6	4.3	4.5	11.7	8.1
PERCENT SOLIDS	%	96.2	84.4	95.7	95.5	NA	NA

Alcohols, Acetates, Aldehydes, Ketones

ETHYL METHACRYLATE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8 J	ND@220 J	ND@190 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8 J	ND@220 J	ND@190 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8 J	ND@2200 J	ND@1900 J

Base/Neutral Extractables

2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	NA R	NA R	ND@430 J	ND@390 J
3-CHLOROPROPENE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8	ND@220 J	ND@190 J

Volatile Organics

1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@430 J	ND@390 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,1-DICHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,1-DICHLOROETHENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,1-DICHLOROPROPENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	18 J	ND@220 J	ND@190 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9 J	ND@220 J	ND@190 J
1,2-DIBROMOETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2-DICHLOROBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2-DICHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@540	ND@520	16 J	20	ND@220 J	ND@190 J
1,2-DICHLOROPROPANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@540	ND@520	5.7 J	8.2 J	ND@220 J	ND@190 J
1,3-DICHLOROBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,3-DICHLOROPROPANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,4-DICHLOROBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
2-CHLOROTOLUENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
4-CHLOROTOLUENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
ACETONE	ug/kg	ND@1300	ND@1300	ND@20 J	ND@20	NA R	NA R
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	ND@4300 J	ND@3900 J
ACRYLONITRILE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8	ND@860 J	ND@780 J
BENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
BROMOBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
BROMOCHLOROMETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
BROMODICHLOROMETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9 J	ND@220 J	ND@190 J
BROMOMETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CARBON DISULFIDE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CARBON TETRACHLORIDE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CHLOROBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CHLORODIBROMOMETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CHLOROETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CHLOROMETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CHLOROPRENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@540	ND@520	16 J	20	ND@220 J	ND@190 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
DIBROMOMETHANE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@540 J	ND@520 J	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
ETHYLBENZENE	ug/kg	ND@540	ND@520	9.9 J	12	ND@220 J	ND@190 J
HEXACHLOROBUTADIENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
IODOMETHANE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8	ND@220 J	ND@190 J
ISOPROPYLBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	1.1 J	ND@220 J	ND@190 J
ISOPROPYLTOLUENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
M,P-XYLENE	ug/kg	ND@540	ND@520	9.5 J	15 J	ND@220 J	ND@190 J
METHACRYLONITRILE	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8 J	ND@430 J	ND@390 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@540 J	ND@520 J	ND@10 J	ND@9.8 J	ND@430 J	ND@390 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@540	ND@520	ND@20 J	ND@20	ND@220 J	ND@190 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@540	ND@520	ND@10 J	ND@9.8 J	ND@430 J	ND@390 J
N-BUTYLBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	0.9 J	ND@220 J	ND@190 J
N-PROPYLBENZENE	ug/kg	ND@540	ND@520	4.9 J	6.7 J	ND@220 J	ND@190 J
O-XYLENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9 J	ND@220 J	ND@190 J
STYRENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
TERT-BUTYLBENZENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9 J	ND@220 J	ND@190 J
TETRACHLOROETHENE	ug/kg	3000	1200	3.8 J	2.4 J	12,000.00 J	810 J
TETRAHYDROFURAN	ug/kg	ND@540 J	ND@520 J	ND@5.1 J	ND@4.9 J	ND@220 J	ND@190 J
TOLUENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
TRICHLOROETHENE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	1,300.00 J	43 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
VINYL ACETATE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	NA	NA
VINYL CHLORIDE	ug/kg	ND@540	ND@520	ND@5.1 J	ND@4.9	ND@220 J	ND@190 J
XYLENES, TOTAL	ug/kg	ND@540	ND@520	9.5 J	15 J	ND@220 J	ND@190 J



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location	MIP 482	MIP 482	MIP 486	MIP 486	MIP 486	MIP 486	
Sample Description	6'	8'	2'	4'	6'	8'	
Sample Date	11/07/2006	11/07/2006	11/08/2006	11/08/2006	11/08/2006	11/08/2006	
Laboratory Sample I.D.	4910031	4910032	4911102	4911103	4911104	4911105	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	5.7	7	8.9	10.3	11.6	12.6
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2000 J	ND@2100 J	ND@2200	ND@2200	ND@2300 J	ND@2100
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@400 J	ND@420 J	ND@430	ND@440	ND@460 J	ND@420
3-CHLOROPROPENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,1,1-TRICHLOROETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@400 J	ND@420 J	ND@430	ND@440	ND@460 J	ND@420
1,1,2-TRICHLOROETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,1-DICHLOROETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,1-DICHLOROETHENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,1-DICHLOROPROPENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2,3-TRICHLOROBENZENE	ug/kg	51 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2,3-TRICHLOROPROPANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2,4-TRICHLOROBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2-DIBROMOETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2-DICHLOROBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2-DICHLOROETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,2-DICHLOROPROPANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,3-DICHLOROBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,3-DICHLOROPROPANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,4-DICHLOROBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
2-CHLOROTOLUENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
4-CHLOROTOLUENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4000 J	ND@4200 J	ND@4300	ND@4400	ND@4600 J	ND@4200
ACRYLONITRILE	ug/kg	ND@810 J	ND@840 J	ND@860	ND@890	ND@930 J	ND@850
BENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
BROMOBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
BROMOCHLOROMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
BROMODICHLOROMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
BROMOMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CARBON DISULFIDE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CARBON TETRACHLORIDE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CHLOROBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CHLORODIBROMOMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CHLOROETHANE	ug/kg	ND@200 J	ND@210 J	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CHLOROMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CHLOROPRENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CIS-1,2-DICHLOROETHENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
DIBROMOMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
ETHYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
HEXACHLOROBUTADIENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
IODOMETHANE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
ISOPROPYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
ISOPROPYLTOLUENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220 J	ND@230 J	ND@210 J
M,P-XYLENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@400 J	ND@420 J	ND@430	ND@440	ND@460 J	ND@420
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@400 J	ND@420 J	ND@430	ND@440	ND@460 J	ND@420
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@400 J	ND@420 J	ND@430	ND@440	ND@460 J	ND@420
N-BUTYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210 J
N-PROPYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
O-XYLENE	ug/kg	ND@200 J	ND@210 J	ND@220 J	ND@220	ND@230 J	ND@210
PROPIONITRILE	ug/kg	NA R	NA R	NA R	ND@4400	ND@4600 J	ND@4200
SEC-BUTYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220 J	ND@230 J	ND@210 J
STYRENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TERT-BUTYLBENZENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TETRACHLOROETHENE	ug/kg	1,000.0 J	960 J	150 J	420	1,100.0 J	1,100.00
TETRAHYDROFURAN	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TOLUENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TRICHLOROETHENE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220 J	ND@230 J	ND@210 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210
XYLENES, TOTAL	ug/kg	ND@200 J	ND@210 J	ND@220	ND@220	ND@230 J	ND@210

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 486	MIP 486	MIP 486	MIP 492	MIP 492	MIP 492	
Sample Description	10'	12'	14'	5.7-6'	6-7'	7-8'	
Sample Date	11/08/2006	11/08/2006	11/08/2006	10/02/2006	10/02/2006	10/02/2006	
Laboratory Sample I.D.	4911106	4911107	4911108	213878-009	213878-001	213878-002	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	9.4	14.1	6.1	6.3	9.3	11.9
PERCENT SOLIDS	%	NA	NA	NA	93.7	90.7	88.1
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2100	ND@2400 J	ND@2400	ND@3200	ND@1000	ND@410
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@410	ND@480 J	ND@480	NA R	NA R	NA R
3-CHLOROPROPENE	ug/kg	ND@210 J	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,1,1-TRICHLOROETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@410	ND@480 J	ND@480	ND@3200	ND@1000	ND@410
1,1,2-TRICHLOROETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,1-DICHLOROETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,1-DICHLOROETHENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,1-DICHLOROPROPENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2,3-TRICHLOROBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2,3-TRICHLOROPROPANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2,4-TRICHLOROBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2-DIBROMOETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2-DICHLOROBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2-DICHLOROETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,2-DICHLOROPROPANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,3-DICHLOROBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,3-DICHLOROPROPANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,4-DICHLOROBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
2-CHLOROTOLUENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
4-CHLOROTOLUENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
ACETONE	ug/kg	NA R	NA R	NA R	990 J	ND@2500	ND@1000
ACROLEIN	ug/kg	ND@4100	ND@4800 J	ND@4800	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@820	ND@970 J	ND@950	ND@3200	ND@1000	ND@410
BENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
BROMOBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
BROMOCHLOROMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
BROMODICHLOROMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
BROMOMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CARBON DISULFIDE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CARBON TETRACHLORIDE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CHLOROBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CHLORODIBROMOMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CHLOROETHANE	ug/kg	NA R	NA R	NA R	ND@3200	ND@1000	ND@410
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CHLOROMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CHLOROPRENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CIS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
DIBROMOMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@210	ND@240 J	ND@240	ND@3200 J	ND@1000	ND@410 J
ETHYLBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
HEXACHLOROBUTADIENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
IODOMETHANE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
ISOPROPYLBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
ISOPROPYLTOLUENE	ug/kg	ND@210 J	ND@240 J	ND@240 J	ND@3200	ND@1000	ND@410
M.P.XYLENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
METHACRYLONITRILE	ug/kg	NA	NA	NA	ND@3200	ND@1000	ND@410
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@410	ND@480 J	ND@480	ND@3200	ND@1000	ND@410
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@410	ND@480 J	ND@480	ND@3200 J	ND@1000 J	ND@410 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@410	ND@480 J	ND@480	ND@3200	ND@1000	ND@410
N-BUTYLBENZENE	ug/kg	ND@210 J	ND@240 J	ND@240 J	ND@3200	ND@1000	ND@410
N-PROPYLBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
O-XYLENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
PROPIONITRILE	ug/kg	ND@4100	ND@4800 J	ND@4800	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@210 J	ND@240 J	ND@240 J	ND@3200	ND@1000	ND@410
STYRENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TERT-BUTYLBENZENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TETRACHLOROETHENE	ug/kg	390	360 J	140 J	85000	31000	3600
TETRAHYDROFURAN	ug/kg	ND@210	ND@240 J	ND@240	ND@3200 J	ND@1000 J	ND@410 J
TOLUENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TRICHLOROETHENE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@210	ND@240 J	ND@240 J	900 J	450 J	ND@410
VINYL ACETATE	ug/kg	NA	NA	NA	ND@3200	ND@1000	ND@410
VINYL CHLORIDE	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410
XYLENES, TOTAL	ug/kg	ND@210	ND@240 J	ND@240	ND@3200	ND@1000	ND@410

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 492	MIP 492	MIP 492	MIP 492	MIP 492	MIP 492
Sample Description	8-9'	9-10'	10-11'	11-12'	12-13'	13-14'
Sample Date	10/02/2006	10/02/2006	10/02/2006	10/02/2006	10/02/2006	10/02/2006
Laboratory Sample I.D.	213878-003	213878-004	213878-005	213878-006	213878-007	213878-008

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	8.3	7	9.1	11.5	6.8	4
PERCENT SOLIDS	%	91.7	93	90.9	88.5	93.2	96
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
3-CHLOROPROPENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1,1-TRICHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1,2-TRICHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1-DICHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1-DICHLOROETHENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,1-DICHLOROPROPENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2,3-TRICHLOROBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2,3-TRICHLOROPROPANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2,4-TRICHLOROBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2-DIBROMOETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2-DICHLOROBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2-DICHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	110 J
1,2-DICHLOROPROPANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,3-DICHLOROBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,3-DICHLOROPROPANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,4-DICHLOROBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
2-CHLOROTOLUENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
4-CHLOROTOLUENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
ACETONE	ug/kg	ND@8100	180 J	ND@1200	ND@1200	ND@1200	210 J
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
BENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
BROMOBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
BROMOCHLOROMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
BROMODICHLOROMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
BROMOMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CARBON DISULFIDE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CARBON TETRACHLORIDE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CHLOROBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CHLORODIBROMOMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CHLOROETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CHLOROMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CHLOROPRENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
CIS-1,2-DICHLOROETHENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	60 J	110 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
DIBROMOMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@3200 J	ND@390 J	ND@460 J	ND@480 J	ND@490 J	ND@500 J
ETHYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
HEXACHLOROBUTADIENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
IODOMETHANE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
ISOPROPYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
ISOPROPYLTOLUENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
M,P-XYLENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
METHACRYLONITRILE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@3200 J	ND@390 J	ND@460 J	ND@480 J	ND@490 J	ND@500 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
N-BUTYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
N-PROPYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
O-XYLENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
STYRENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
TERT-BUTYLBENZENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
TETRACHLOROETHENE	ug/kg	110000	4200	5800	2700	1700	1200
TETRAHYDROFURAN	ug/kg	ND@3200 J	ND@390 J	ND@460 J	ND@480 J	ND@490 J	ND@500 J
TOLUENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
TRICHLOROETHENE	ug/kg	1400 J	57 J	100 J	ND@480	ND@490	ND@500
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
VINYL ACETATE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
VINYL CHLORIDE	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500
XYLENES, TOTAL	ug/kg	ND@3200	ND@390	ND@460	ND@480	ND@490	ND@500

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 492	MIP 492	MIP 494	MIP 494	MIP 494	MIP 494
Sample Description	2'	4'	3-4'	4-5'	5-6'	6-7'
Sample Date	11/07/2006	11/07/2006	09/27/2006	09/27/2006	09/27/2006	09/27/2006
Laboratory Sample I.D.	4910027	4910028	213851-003	213851-004	213851-005	213851-006

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	10.9	12.6	6.9	13.1	12.7	10.9
PERCENT SOLIDS	%	NA	NA	93.1	86.9	87.3	89.1
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@4800	ND@1700 J	ND@1600	ND@4700	ND@52000	ND@4400
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@970	ND@340 J	ND@1600 J	ND@4700 J	ND@52000 J	ND@4400 J
3-CHLOROPROPENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1,1-TRICHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@970	ND@340 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1,2-TRICHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1-DICHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1-DICHLOROETHENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,1-DICHLOROPROPENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2,3-TRICHLOROBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2,3-TRICHLOROPROPANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2,4-TRICHLOROBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2-DIBROMOETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2-DICHLOROBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2-DICHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	17000 J	1100 J
1,2-DICHLOROPROPANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,3-DICHLOROBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,3-DICHLOROPROPANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,4-DICHLOROBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
2-CHLOROTOLUENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
4-CHLOROTOLUENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
ACETONE	ug/kg	NA R	NA R	ND@4100 J	ND@12000 J	ND@130000	ND@11000 J
ACROLEIN	ug/kg	ND@9700	ND@3400 J	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@1900	ND@690 J	ND@1600	ND@4700	ND@52000	ND@4400
BENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
BROMOBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
BROMOCHLOROMETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
BROMODICHLOROMETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
BROMOMETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000 J	ND@4400
CARBON DISULFIDE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CARBON TETRACHLORIDE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CHLOROBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CHLORODIBROMOMETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CHLOROETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CHLOROMETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CHLOROPRENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
CIS-1,2-DICHLOROETHENE	ug/kg	ND@480	ND@170 J	310 J	870 J	17000 J	1100 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
DIBROMOMETHANE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@480	ND@170 J	ND@1600 J	ND@4700 J	ND@52000	ND@4400 J
ETHYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	22000 J	ND@4400
HEXACHLOROBUTADIENE	ug/kg	ND@480 J	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
IODOMETHANE	ug/kg	ND@480	ND@170 J	ND@1600 J	ND@4700 J	ND@52000 J	ND@4400 J
ISOPROPYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
ISOPROPYLTOLUENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	65000	ND@4400
M,P-XYLENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	120000	ND@4400
METHACRYLONITRILE	ug/kg	NA	NA	ND@1600	ND@4700	ND@52000	ND@4400
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@970	ND@340 J	ND@1600	ND@4700	ND@52000	ND@4400
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@970	ND@340 J	ND@1600 J	ND@4700 J	ND@52000	ND@4400 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@970	ND@340 J	ND@1600	ND@4700	ND@52000	ND@4400
N-BUTYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
N-PROPYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
O-XYLENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	27000 J	ND@4400
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
STYRENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
TERT-BUTYLBENZENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
TETRACHLOROETHENE	ug/kg	59,000.00	13,000.00	40000	99000	1600000	120000
TETRAHYDROFURAN	ug/kg	ND@480	ND@170 J	ND@1600 J	ND@4700 J	ND@52000	ND@4400 J
TOLUENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
TRICHLOROETHENE	ug/kg	900	150 J	720 J	1900 J	25000 J	2100 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
VINYL ACETATE	ug/kg	NA	NA	ND@1600	ND@4700	ND@52000	ND@4400
VINYL CHLORIDE	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	ND@52000	ND@4400
XYLENES, TOTAL	ug/kg	ND@480	ND@170 J	ND@1600	ND@4700	150000	ND@4400

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 494	MIP 494	MIP 494	MIP 494	MIP 494	MIP 494	
Sample Description	7-8'	8-9'	9-9.8'	10-11'	11-12'	12-12.3'	
Sample Date	09/27/2006	09/27/2006	09/27/2006	09/27/2006	09/27/2006	09/27/2006	
Laboratory Sample I.D.	213851-007	213851-008	213851-009	213851-010	213851-011	213851-012	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	10.2	9.3	10.2	7.2	6.4	8.2
PERCENT SOLIDS	%	89.8	90.7	89.8	92.8	93.6	91.8
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@470 J	ND@840 J	ND@430 J	ND@520 J	ND@490 J	ND@430 J
3-CHLOROPROPENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1,1-TRICHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1-DICHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1-DICHLOROETHENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,1-DICHLOROPROPENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2,3-TRICHLOROBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2,3-TRICHLOROPROPANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2,4-TRICHLOROBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2-DIBROMOETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2-DICHLOROBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2-DICHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@470	460 J	270 J	ND@520	240 J	120 J
1,2-DICHLOROPROPANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,3-DICHLOROBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,3-DICHLOROPROPANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,4-DICHLOROBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
2-CHLOROTOLUENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
4-CHLOROTOLUENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
ACETONE	ug/kg	ND@1200	ND@2100	ND@1100 J	ND@1300 J	ND@1200 J	ND@1100 J
ACROLEIN	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
BENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
BROMOBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
BROMOCHLOROMETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
BROMODICHLOROMETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
BROMOMETHANE	ug/kg	ND@470	ND@840 J	ND@430	ND@520	ND@490	ND@430
CARBON DISULFIDE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CARBON TETRACHLORIDE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CHLOROBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CHLORODIBROMOMETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CHLOROETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CHLOROMETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CHLOROPRENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
CIS-1,2-DICHLOROETHENE	ug/kg	82 J	460 J	270 J	97 J	240 J	120 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
DIBROMOMETHANE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@470 J	ND@840	ND@430 J	ND@520 J	ND@490 J	ND@430 J
ETHYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
HEXACHLOROBUTADIENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
IODOMETHANE	ug/kg	ND@470 J	ND@840 J	ND@430 J	ND@520 J	ND@490 J	ND@430 J
ISOPROPYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
ISOPROPYLTOLUENE	ug/kg	ND@470	300 J	ND@430	ND@520	ND@490	ND@430
M,P-XYLENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
METHACRYLONITRILE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@470 J	ND@840	ND@430 J	ND@520 J	ND@490 J	ND@430 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@470 J	ND@840	ND@430	ND@520	ND@490	ND@430
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
N-BUTYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
N-PROPYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
O-XYLENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
STYRENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
TERT-BUTYLBENZENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
TETRACHLOROETHENE	ug/kg	16000	28000	11000	5100	3300	5900
TETRAHYDROFURAN	ug/kg	ND@470 J	ND@840	ND@430 J	ND@520 J	ND@490 J	ND@430 J
TOLUENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
TRICHLOROETHENE	ug/kg	230 J	620 J	160 J	ND@520	ND@490	120 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
VINYL ACETATE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
VINYL CHLORIDE	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430
XYLENES, TOTAL	ug/kg	ND@470	ND@840	ND@430	ND@520	ND@490	ND@430

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 494	MIP 494	MIP 698	MIP 698	MIP 698	MIP 698	
Sample Description	13-14'	2'	3'	5'	6'	8'	
Sample Date	09/27/2006	11/07/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006	
Laboratory Sample I.D.	213851-013	4910033	4905294	4905295	4905296	4905297	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	7	12.9	10.4	10.4	12	4.6
PERCENT SOLIDS	%	93	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@510	ND@4300	ND@2,400.	ND@2,200. J	ND@2,300.	ND@2,300.
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@510 J	ND@860	ND@480.	ND@440. J	ND@450.	ND@470.
3-CHLOROPROPENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,1,1-TRICHLOROETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@510	ND@860	ND@480.	ND@440. J	ND@450.	ND@470.
1,1,2-TRICHLOROETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,1-DICHLOROETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,1-DICHLOROETHENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,1-DICHLOROPROPENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2,3-TRICHLOROBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2,3-TRICHLOROPROPANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2,4-TRICHLOROBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2-DIBROMOETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2-DICHLOROBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2-DICHLOROETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,2-DICHLOROETHENE, TOTAL	ug/kg	170 J	350 J	ND@240.	ND@220. J	ND@230.	ND@230.
1,2-DICHLOROPROPANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,3-DICHLOROBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,3-DICHLOROPROPANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,4-DICHLOROBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
2-CHLOROTOLUENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
4-CHLOROTOLUENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
ACETONE	ug/kg	ND@1300 J	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	NA R	ND@8600	ND@4,800.	ND@4,400. J	ND@4,500.	ND@4,700.
ACRYLONITRILE	ug/kg	ND@510	ND@1700	ND@970.	ND@870. J	ND@900.	ND@940.
BENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
BROMOBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
BROMOCHLOROMETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
BROMODICHLOROMETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
BROMOMETHANE	ug/kg	ND@510	ND@430	NA R	NA R	ND@230.	NA R
CARBON DISULFIDE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CARBON TETRACHLORIDE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CHLOROBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CHLORODIBROMOMETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CHLOROETHANE	ug/kg	ND@510	ND@430	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CHLOROMETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CHLOROPRENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
CIS-1,2-DICHLOROETHENE	ug/kg	170 J	350 J	ND@240.	ND@220. J	ND@230.	ND@230.
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
DIBROMOMETHANE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@510 J	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
ETHYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
HEXACHLOROBUTADIENE	ug/kg	ND@510	ND@430 J	ND@240.	ND@220. J	ND@230.	ND@230.
IODOMETHANE	ug/kg	ND@510 J	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
ISOPROPYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
ISOPROPYLTOLUENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
M.P.XYLENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
METHACRYLONITRILE	ug/kg	ND@510	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@510	ND@860	ND@480.	ND@440. J	ND@450.	ND@470.
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@510 J	ND@860	ND@480.	ND@440. J	ND@450.	ND@470.
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@510	ND@860	ND@480.	ND@440. J	ND@450.	ND@470.
N-BUTYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
N-PROPYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
O-XYLENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
PROPIONITRILE	ug/kg	NA R	NA R	ND@4,800.	ND@4,400. J	ND@4,500.	ND@4,700.
SEC-BUTYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
STYRENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TERT-BUTYLBENZENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TETRACHLOROETHENE	ug/kg	3100	60,000.00	ND@240.	ND@220. J	59 J	160 J
TETRAHYDROFURAN	ug/kg	ND@510 J	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TOLUENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
TRICHLOROETHENE	ug/kg	110 J	620	ND@240.	ND@220. J	ND@230.	ND@230.
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
VINYL ACETATE	ug/kg	ND@510	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.
XYLENES, TOTAL	ug/kg	ND@510	ND@430	ND@240.	ND@220. J	ND@230.	ND@230.

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 698	MIP 698	MIP 698	MIP 700	MIP 700	MIP 700	
Sample Description	10'	12'	14'	2'	4'	6'	
Sample Date	11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006	
Laboratory Sample I.D.	4905298	4905299	4905300	4905279	4905280	4905281	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	9.5	6.4	4.9	9.5	15.7	4
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2,500. J	ND@2700	ND@2700	ND@2,000.	ND@2,200. J	ND@2,300.
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@500. J	ND@540	ND@550	ND@410.	ND@430. J	ND@460.
3-CHLOROPROPENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,1,1-TRICHLOROETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@500. J	ND@540	ND@550	ND@410.	ND@430. J	ND@460.
1,1,2-TRICHLOROETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,1-DICHLOROETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,1-DICHLOROETHENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,1-DICHLOROPROPENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2-DIBROMOETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2-DICHLOROBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2-DICHLOROETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,2-DICHLOROPROPANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,3-DICHLOROBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,3-DICHLOROPROPANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,4-DICHLOROBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
2-CHLOROTOLUENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
4-CHLOROTOLUENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5,000. J	ND@5400	ND@5500	ND@4,100.	ND@4,300. J	ND@4,600.
ACRYLONITRILE	ug/kg	ND@990. J	ND@1100	ND@1100	ND@820.	ND@870. J	ND@910.
BENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
BROMOBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
BROMOCHLOROMETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
BROMODICHLOROMETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
BROMOMETHANE	ug/kg	NA R	ND@270	ND@270	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CARBON TETRACHLORIDE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CHLOROBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CHLORODIBROMOMETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CHLOROMETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CHLOROPRENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
DIBROMOMETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
ETHYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
HEXACHLOROBUTADIENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
IODOMETHANE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
ISOPROPYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
ISOPROPYLTOLUENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
M,P-XYLENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@500. J	ND@540	ND@550	ND@410.	ND@430. J	ND@460.
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@500. J	ND@540	ND@550	ND@410.	ND@430. J	ND@460.
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@500. J	ND@540	ND@550	ND@410.	ND@430. J	ND@460.
N-BUTYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
N-PROPYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
O-XYLENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
PROPIONITRILE	ug/kg	ND@5,000. J	ND@5400	ND@5500	ND@4,100.	ND@4,300. J	ND@4,600.
SEC-BUTYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
STYRENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TERT-BUTYLBENZENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TETRACHLOROETHENE	ug/kg	130 J	220 J	340	130 J	63 J	280
TETRAHYDROFURAN	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TOLUENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TRICHLOROETHENE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.
XYLENES, TOTAL	ug/kg	ND@250. J	ND@270	ND@270	ND@200.	ND@220. J	ND@230.

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 700	MIP 700	MIP 700	MIP 700	MIP 702	MIP 702	
Sample Description	8'	10'	12'	14'	2'	4'	
Sample Date	11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/02/2006	11/02/2006	
Laboratory Sample I.D.	4905282	4905283	4905284	4905285	4906481	4906482	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	3.2	4.1	4.6	3.8	5.8	5.6
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2,300.	ND@2,300.	ND@2,700.	ND@2,600.	ND@2800	ND@2300
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@460.	ND@470.	ND@550.	ND@530.	ND@560.	ND@460.
3-CHLOROPROPENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,1,1-TRICHLOROETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@460.	ND@470.	ND@550.	ND@530.	ND@560.	ND@460.
1,1,2-TRICHLOROETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,1-DICHLOROETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,1-DICHLOROETHENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,1-DICHLOROPROPENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2,3-TRICHLOROBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2,3-TRICHLOROPROPANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2,4-TRICHLOROBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2-DIBROMOETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2-DICHLOROBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2-DICHLOROETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,2-DICHLOROPROPANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,3-DICHLOROBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,3-DICHLOROPROPANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,4-DICHLOROBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
2-CHLOROTOLUENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
4-CHLOROTOLUENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4,600.	ND@4,700.	ND@5,500.	ND@5,300.	ND@5600	ND@4600
ACRYLONITRILE	ug/kg	ND@920.	ND@930.	ND@1,100.	ND@1,100.	ND@1100	ND@930.
BENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
BROMOBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
BROMOCHLOROMETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
BROMODICHLOROMETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
BROMOMETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CARBON TETRACHLORIDE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CHLOROBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CHLORODIBROMOMETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CHLOROMETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CHLOROPRENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CIS-1,2-DICHLOROETHENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
DIBROMOMETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
ETHYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
HEXACHLOROBUTADIENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
IODOMETHANE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
ISOPROPYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
ISOPROPYLTOLUENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
M,P-XYLENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@460.	ND@470.	ND@550.	ND@530.	ND@560.	ND@460.
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@460.	ND@470.	ND@550.	ND@530.	ND@560.	ND@460.
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@460.	ND@470.	ND@550.	ND@530.	ND@560.	ND@460.
N-BUTYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
N-PROPYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
O-XYLENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
PROPIONITRILE	ug/kg	ND@4,600.	ND@4,700.	ND@5,500.	ND@5,300.	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
STYRENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TERT-BUTYLBENZENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TETRACHLOROETHENE	ug/kg	220 J	230 J	310	450	720	86 J
TETRAHYDROFURAN	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TOLUENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TRICHLOROETHENE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.
XYLENES, TOTAL	ug/kg	ND@230.	ND@230.	ND@270.	ND@260.	ND@280.	ND@230.



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 702	MIP 702	MIP 702	MIP 702	MIP 702	MIP 704	
Sample Description	6'	8'	10'	12'	14'	3'	
Sample Date	11/02/2006	11/02/2006	11/02/2006	11/02/2006	11/02/2006	11/02/2006	
Laboratory Sample I.D.	4906483	4906484	4906485	4906486	4906487	4906488	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	7.1	12.1	5.4	5.2	6.6	11.9
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2300	ND@2500	ND@2400	ND@2300	ND@2600	ND@2200
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@460	ND@490	ND@480	ND@470	ND@520	ND@450
3-CHLOROPROPENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@460	ND@490	ND@480	ND@470	ND@520	ND@450
1,1,2-TRICHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,2-DICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
2-CHLOROTOLUENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
4-CHLOROTOLUENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4600	ND@4900	ND@4800	ND@4700	ND@5200	ND@4500
ACRYLONITRILE	ug/kg	ND@920	ND@980	ND@950	ND@930	ND@1000	ND@900
BENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
BROMOBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
BROMOMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CARBON DISULFIDE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CHLOROBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CHLOROETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CHLOROMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CHLOROPRENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
DIBROMOMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
ETHYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
IODOMETHANE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
ISOPROPYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
M,P-XYLENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@460	ND@490	ND@480	ND@470	ND@520	ND@450
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@460	ND@490	ND@480	ND@470	ND@520	ND@450
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@460	ND@490	ND@480	ND@470	ND@520	ND@450
N-BUTYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
N-PROPYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
O-XYLENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
STYRENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TETRACHLOROETHENE	ug/kg	100 J	ND@250	190 J	83 J	360	ND@220
TETRAHYDROFURAN	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TOLUENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TRICHLOROETHENE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220
XYLENES, TOTAL	ug/kg	ND@230	ND@250	ND@240	ND@230	ND@260	ND@220

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 704	MIP 704	MIP 704	MIP 704	MIP 704	MIP 704
Sample Description	6'	8'	10'	12'	14'	2'
Sample Date	11/02/2006	11/02/2006	11/02/2006	11/02/2006	11/02/2006	11/06/2006
Laboratory Sample I.D.	4906489	4906490	4906491	4906492	4906493	4908618

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	10.8	5.2	4.3	4.7	4.6	10.1
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2700	ND@2400	ND@2500	ND@2600	ND@2500	ND@2000
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@550	ND@480	ND@510	ND@510	ND@500	ND@400
3-CHLOROPROPENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,1,1-TRICHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@550	ND@480	ND@510	ND@510	ND@500	ND@400
1,1,2-TRICHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,1-DICHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,1-DICHLOROETHENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,1-DICHLOROPROPENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2,3-TRICHLOROBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2,3-TRICHLOROPROPANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2,4-TRICHLOROBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2-DIBROMOETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2-DICHLOROBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2-DICHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,2-DICHLOROPROPANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,3-DICHLOROBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,3-DICHLOROPROPANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,4-DICHLOROBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
2-CHLOROTOLUENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
4-CHLOROTOLUENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5500	ND@4800	ND@5100	ND@5100	ND@5000	ND@4000
ACRYLONITRILE	ug/kg	ND@1100	ND@970	ND@1000	ND@1000	ND@1000	ND@800
BENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
BROMOBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
BROMOCHLOROMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
BROMODICHLOROMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
BROMOMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	NA R
CARBON DISULFIDE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CARBON TETRACHLORIDE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CHLOROBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CHLORODIBROMOMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CHLOROETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CHLOROMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CHLOROPRENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CIS-1,2-DICHLOROETHENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
DIBROMOMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
ETHYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
HEXACHLOROBUTADIENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
IODOMETHANE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
ISOPROPYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
ISOPROPYLTOLUENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
M,P-XYLENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@550	ND@480	ND@510	ND@510	ND@500	ND@400
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@550	ND@480	ND@510	ND@510	ND@500	ND@400
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@550	ND@480	ND@510	ND@510	ND@500	ND@400
N-BUTYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
N-PROPYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
O-XYLENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	ND@4000
SEC-BUTYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
STYRENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TERT-BUTYLBENZENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TETRACHLOROETHENE	ug/kg	72 J	140 J	390	440	590	180 J
TETRAHYDROFURAN	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TOLUENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TRICHLOROETHENE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200
XYLENES, TOTAL	ug/kg	ND@270	ND@240	ND@250	ND@260	ND@250	ND@200

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 706	MIP 706	MIP 706	MIP 706	MIP 706	MIP 712
Sample Description	4'	8'	10'	12'	14'	2'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006
Laboratory Sample I.D.	4908619	4908620	4908621	4908622	4908623	4908610

Parameter	Units	MIP 706	MIP 706	MIP 706	MIP 706	MIP 706	MIP 712
<b>Indicator Parameters</b>							
MOISTURE	%	9.1	9.3	10.5	3.7	4.7	10
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	ND@11000 R	NA R
METHYL METHACRYLATE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@1900 J	ND@2200 J	ND@2000 J	ND@2600	ND@2200	ND@2200 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@390 J	ND@440 J	ND@400 J	ND@530	ND@440	ND@440 J
3-CHLOROPROPENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@390 J	ND@440 J	ND@400 J	ND@530	ND@440	ND@440 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,1-DICHLOROETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,1-DICHLOROETHENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,1-DICHLOROPROPENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2-DIBROMOETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2-DICHLOROBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2-DICHLOROETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,2-DICHLOROPROPANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,3-DICHLOROBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,3-DICHLOROPROPANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,4-DICHLOROBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	ND@11000 R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
2-CHLOROTOLUENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
4-CHLOROTOLUENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@3900 J	ND@4400 J	ND@4000 J	ND@5300	ND@4400	ND@4400 J
ACRYLONITRILE	ug/kg	ND@780 J	ND@880 J	ND@800 J	ND@1100	ND@890	ND@870 J
BENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
BROMOBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
BROMOCHLOROMETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
BROMODICHLOROMETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
BROMOMETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CARBON TETRACHLORIDE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CHLOROBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CHLORODIBROMOMETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CHLOROMETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CHLOROPRENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
DIBROMOMETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
ETHYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
HEXACHLOROBUTADIENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
IODOMETHANE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
ISOPROPYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
ISOPROPYLTOLUENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
M,P-XYLENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@390 J	ND@440 J	ND@400 J	ND@530	ND@440	ND@440 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@390 J	ND@440 J	ND@400 J	ND@530	ND@440	ND@440 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@390 J	ND@440 J	ND@400 J	ND@530	ND@440	ND@440 J
N-BUTYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
N-PROPYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
O-XYLENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
PROPIONITRILE	ug/kg	ND@3900 J	ND@4400 J	NA R	NA R	ND@4400 R	ND@4400 J
SEC-BUTYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
STYRENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TERT-BUTYLBENZENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TETRACHLOROETHENE	ug/kg	300 J	160 J	330 J	280	340	ND@220 J
TETRAHYDROFURAN	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TOLUENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TRICHLOROETHENE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J
XYLENES, TOTAL	ug/kg	ND@190 J	ND@220 J	ND@200 J	ND@260	ND@220	ND@220 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 712	MIP 712	MIP 712	MIP 712	MIP 712	MIP 712
Sample Description	4'	6'	8'	10'	12'	14'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006
Laboratory Sample I.D.	4908611	4908612	4908613	4908614	4908615	4908616
<b>Parameter</b>	<b>Units</b>					
<b>Indicator Parameters</b>						
MOISTURE	%	9.6	8.6	9.6	7.5	9.2
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2400	ND@2100 J	ND@2000 J	ND@1900 J	ND@2300 J
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@480	ND@410 J	ND@410 J	ND@380 J	ND@460 J
3-CHLOROPROPENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@480	ND@410 J	ND@410 J	ND@380 J	ND@460 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,1-DICHLOROETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,1-DICHLOROETHENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,1-DICHLOROPROPENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2-DIBROMOETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2-DICHLOROBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2-DICHLOROETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,2-DICHLOROPROPANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,3-DICHLOROBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,3-DICHLOROPROPANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,4-DICHLOROBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
2-CHLOROTOLUENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
4-CHLOROTOLUENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4800	ND@4100 J	ND@4100 J	ND@3800 J	ND@4600 J
ACRYLONITRILE	ug/kg	ND@960	ND@820 J	ND@810 J	ND@760 J	ND@920 J
BENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
BROMOBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
BROMOCHLOROMETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
BROMODICHLOROMETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
BROMOMETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CARBON TETRACHLORIDE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CHLOROBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CHLORODIBROMOMETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CHLOROMETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CHLOROPRENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
DIBROMOMETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
ETHYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
HEXACHLOROBUTADIENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
IODOMETHANE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
ISOPROPYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
ISOPROPYLTOLUENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
M,P-XYLENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@480	ND@410 J	ND@410 J	ND@380 J	ND@460 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@480	ND@410 J	ND@410 J	ND@380 J	ND@460 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@480	ND@410 J	ND@410 J	ND@380 J	ND@460 J
N-BUTYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
N-PROPYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
O-XYLENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
PROPIONITRILE	ug/kg	ND@4800	ND@4100 J	ND@4100 J	ND@3800 J	NA R
SEC-BUTYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
STYRENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TERT-BUTYLBENZENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TETRACHLOROETHENE	ug/kg	ND@240	62 J	110 J	61 J	220 J
TETRAHYDROFURAN	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TOLUENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TRICHLOROETHENE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J
XYLENES, TOTAL	ug/kg	ND@240	ND@210 J	ND@200 J	ND@190 J	ND@230 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 716	MIP 716	MIP 716	MIP 716	MIP 716	MIP 716
Sample Description	2'	4'	6'	8'	10'	12'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006
Laboratory Sample I.D.	4908596	4908597	4908598	4908599	4908600	4908601
Parameter	Units					
<b>Indicator Parameters</b>						
MOISTURE	%	5.1	4.5	4.3	4.1	3.8
PERCENT SOLIDS	%	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>						
ETHYL METHACRYLATE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@2200	ND@2300 J	ND@2200	ND@2200
<b>Base/Neutral Extractables</b>						
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@490	ND@440	ND@460 J	ND@450	ND@430
3-CHLOROPROPENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
<b>Volatile Organics</b>						
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@490	ND@440	ND@460 J	ND@450	ND@430
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250	ND@220	ND@230 J	160 J	ND@220
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
2-CHLOROTOLUENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
4-CHLOROTOLUENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4900	ND@4400	ND@4600 J	ND@4500	ND@4300
ACRYLONITRILE	ug/kg	ND@980	ND@890	ND@920 J	ND@900	ND@860
BENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
BROMOBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
BROMOMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CARBON DISULFIDE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CHLOROBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CHLOROMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CHLOROPRENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
DIBROMOMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
ETHYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
IODOMETHANE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
ISOPROPYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
M,P-XYLENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@490	ND@440	ND@460 J	ND@450	ND@430
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@490	ND@440	ND@460 J	ND@450	ND@430
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@490	ND@440	ND@460 J	ND@450	ND@430
N-BUTYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
N-PROPYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
O-XYLENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
PROPIONITRILE	ug/kg	ND@4900	ND@4400	ND@4600 J	ND@4500	ND@4300
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
STYRENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TETRACHLOROETHENE	ug/kg	230 J	100 J	100 J	4,100.00	260
TETRAHYDROFURAN	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TOLUENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TRICHLOROETHENE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220
XYLENES, TOTAL	ug/kg	ND@250	ND@220	ND@230 J	ND@220	ND@220

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 716	MIP 718	MIP 718	MIP 718	MIP 718	MIP 718
Sample Description	14'	2'	4'	6'	8'	10'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006
Laboratory Sample I.D.	4908602	4908603	4908604	4908605	4908606	4908607

Parameter	Units	MIP 716	MIP 718	MIP 718	MIP 718	MIP 718	MIP 718
<b>Indicator Parameters</b>							
MOISTURE	%	6	6.3	3.5	5.9	5.2	6.5
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2100	ND@2500	ND@2500	ND@2400 J	ND@2500	ND@2400 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@410	ND@500	ND@500	ND@480 J	ND@510	ND@480 J
3-CHLOROPROPENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@410	ND@500	ND@500	ND@480 J	ND@510	ND@480 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,1-DICHLOROETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,1-DICHLOROETHENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,1-DICHLOROPROPENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2-DIBROMOETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2-DICHLOROBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2-DICHLOROETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	55 J	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,2-DICHLOROPROPANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,3-DICHLOROBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,3-DICHLOROPROPANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,4-DICHLOROBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
2-CHLOROTOLUENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
4-CHLOROTOLUENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4100	ND@5000	ND@5000	ND@4800 J	ND@5100	ND@4800 J
ACRYLONITRILE	ug/kg	ND@830	ND@1000	ND@1000	ND@970 J	ND@1000	ND@970 J
BENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
BROMOBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
BROMOCHLOROMETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
BROMODICHLOROMETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
BROMOMETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CARBON TETRACHLORIDE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CHLOROBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CHLORODIBROMOMETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CHLOROMETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CHLOROPRENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CIS-1,2-DICHLOROETHENE	ug/kg	55 J	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
DIBROMOMETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
ETHYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
HEXACHLOROBUTADIENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
IODOMETHANE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
ISOPROPYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
ISOPROPYLTOLUENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
M,P-XYLENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@410	ND@500	ND@500	ND@480 J	ND@510	ND@480 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@410	ND@500	ND@500	ND@480 J	ND@510	ND@480 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@410	ND@500	ND@500	ND@480 J	ND@510	ND@480 J
N-BUTYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
N-PROPYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
O-XYLENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
PROPIONITRILE	ug/kg	ND@4100	ND@5000	ND@5000	ND@4800 J	ND@5100	ND@4800 J
SEC-BUTYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
STYRENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TERT-BUTYLBENZENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TETRACHLOROETHENE	ug/kg	1,400.00	290	280	280 J	1,100.00	540 J
TETRAHYDROFURAN	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TOLUENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TRICHLOROETHENE	ug/kg	87 J	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J
XYLENES, TOTAL	ug/kg	ND@210	ND@250	ND@250	ND@240 J	ND@250	ND@240 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 718	MIP 718	MIP 720	MIP 720	MIP 720	MIP 720
Sample Description	12'	14'	2'	4'	6'	8'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006
Laboratory Sample I.D.	4908608	4908609	4908624	4908625	4908626	4908627

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	5.2	5.5	7	11.6	8.9	10.4
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2200	ND@2100 J	ND@1900 J	ND@2300	ND@2100	ND@2100 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@440	ND@430 J	ND@380 J	ND@460	ND@420	ND@420 J
3-CHLOROPROPENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@440	ND@430 J	ND@380 J	ND@460	ND@420	ND@420 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,1-DICHLOROETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,1-DICHLOROETHENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,1-DICHLOROPROPENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2-DIBROMOETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2-DICHLOROBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2-DICHLOROETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@220	ND@210 J	ND@190 J	100 J	ND@210	ND@210 J
1,2-DICHLOROPROPANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,3-DICHLOROBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,3-DICHLOROPROPANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,4-DICHLOROBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
2-CHLOROTOLUENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
4-CHLOROTOLUENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4400	ND@4300 J	ND@3800 J	ND@4600 J	ND@4200 J	ND@4200 J
ACRYLONITRILE	ug/kg	ND@880	ND@860 J	ND@770 J	ND@920	ND@840	ND@850 J
BENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
BROMOBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
BROMOCHLOROMETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
BROMODICHLOROMETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
BROMOMETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CARBON DISULFIDE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CARBON TETRACHLORIDE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CHLOROBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CHLORODIBROMOMETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CHLOROETHANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CHLOROMETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CHLOROPRENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
DIBROMOMETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
ETHYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
HEXACHLOROBUTADIENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
IODOMETHANE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
ISOPROPYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
ISOPROPYLTOLUENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
M,P-XYLENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@440	ND@430 J	ND@380 J	ND@460	ND@420	ND@420 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@440	ND@430 J	ND@380 J	ND@460	ND@420	ND@420 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@440	ND@430 J	ND@380 J	ND@460	ND@420	ND@420 J
N-BUTYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
N-PROPYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
O-XYLENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
STYRENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TERT-BUTYLBENZENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TETRACHLOROETHENE	ug/kg	880	1,000.00 J	300 J	1,900.00	660	510 J
TETRAHYDROFURAN	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TOLUENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
TRICHLOROETHENE	ug/kg	ND@220	48 J	ND@190 J	290	ND@210	ND@210 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J
XYLENES, TOTAL	ug/kg	ND@220	ND@210 J	ND@190 J	ND@230	ND@210	ND@210 J

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
 September-November 2006

Sample Location	MIP 720	MIP 720	MIP 720	MIP 722	MIP 722	MIP 722	
Sample Description	10'	12'	14'	2'	4'	6'	
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/06/2006	
Laboratory Sample I.D.	4908628	4908629	4908630	4908631	4908632	4908633	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	11.9	11.9	3.7	10.5	9.8	10.7
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2300 J	ND@2500 J	ND@2400	ND@2600	ND@2000	ND@2300
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@460 J	ND@490 J	ND@480	ND@530	ND@400	ND@470
3-CHLOROPROPENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,1,1-TRICHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@460	ND@490 J	ND@480	ND@530	ND@400	ND@470
1,1,2-TRICHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,1-DICHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,1-DICHLOROETHENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,1-DICHLOROPROPENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2,3-TRICHLOROBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2,3-TRICHLOROPROPANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2,4-TRICHLOROBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2-DIBROMOETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2-DICHLOROBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2-DICHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@230 J	59 J	ND@240	ND@260	ND@200	ND@230
1,2-DICHLOROPROPANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,3-DICHLOROBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,3-DICHLOROPROPANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,4-DICHLOROBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
2-CHLOROTOLUENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
4-CHLOROTOLUENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4600 J	ND@4900 J	ND@4800	ND@5300 J	ND@4000 J	ND@4700 J
ACRYLONITRILE	ug/kg	ND@920 J	ND@980 J	ND@950	ND@1100	ND@800	ND@930
BENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
BROMOBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
BROMOCHLOROMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
BROMODICHLOROMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
BROMOMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CARBON DISULFIDE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CARBON TETRACHLORIDE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CHLOROBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CHLORODIBROMOMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CHLOROETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CHLOROMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CHLOROPRENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
CIS-1,2-DICHLOROETHENE	ug/kg	ND@230 J	59 J	ND@240	ND@260	ND@200	ND@230
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
DIBROMOMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
ETHYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
HEXACHLOROBUTADIENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
IODOMETHANE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
ISOPROPYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
ISOPROPYLTOLUENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
M,P-XYLENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@460 J	ND@490 J	ND@480	ND@530	ND@400	ND@470
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@460 J	ND@490 J	ND@480	ND@530	ND@400	ND@470
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@460 J	ND@490 J	ND@480	ND@530	ND@400	ND@470
N-BUTYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
N-PROPYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
O-XYLENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
STYRENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TERT-BUTYLBENZENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TETRACHLOROETHENE	ug/kg	300 J	780 J	740	ND@260	ND@200	ND@230
TETRAHYDROFURAN	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TOLUENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TRICHLOROETHENE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230
XYLENES, TOTAL	ug/kg	ND@230 J	ND@250 J	ND@240	ND@260	ND@200	ND@230



**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 722	MIP 722	MIP 722	MIP 722	MIP 724	MIP 724
Sample Description	8'	10'	12'	14'	2'	4'
Sample Date	11/06/2006	11/06/2006	11/06/2006	11/06/2006	11/03/2006	11/03/2006
Laboratory Sample I.D.	4908634	4908635	4908636	4908637	4907731	4907732

Parameter	Units	MIP 722	MIP 722	MIP 722	MIP 722	MIP 724	MIP 724
<b>Indicator Parameters</b>							
MOISTURE	%	7.9	11.9	10.4	6.2	7.3	5.5
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@1900	ND@2000 J	ND@2000 J	ND@2400 J	ND@2400	ND@2200
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@380	ND@400 J	ND@410 J	ND@480 J	ND@480	ND@440
3-CHLOROPROPENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,1,1-TRICHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@380	ND@400 J	ND@410 J	ND@480 J	ND@480	ND@440
1,1,2-TRICHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,1-DICHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,1-DICHLOROETHENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,1-DICHLOROPROPENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2,3-TRICHLOROBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2,3-TRICHLOROPROPANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2,4-TRICHLOROBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2-DIBROMOETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2-DICHLOROBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2-DICHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,2-DICHLOROPROPANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,3-DICHLOROBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,3-DICHLOROPROPANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,4-DICHLOROBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
2-CHLOROTOLUENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
4-CHLOROTOLUENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@3800	ND@4000 J	ND@4100 J	ND@4800 J	ND@4800 J	ND@4400
ACRYLONITRILE	ug/kg	ND@760	ND@800 J	ND@820 J	ND@950 J	ND@960	ND@870
BENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
BROMOBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
BROMOCHLOROMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
BROMODICHLOROMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
BROMOMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220 J
CARBON DISULFIDE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CARBON TETRACHLORIDE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CHLOROBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CHLORODIBROMOMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CHLOROETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CHLOROMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CHLOROPRENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CIS-1,2-DICHLOROETHENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
DIBROMOMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
ETHYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
HEXACHLOROBUTADIENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220 J
IODOMETHANE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
ISOPROPYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
ISOPROPYLTOLUENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
M,P-XYLENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@380	ND@400 J	ND@410 J	ND@480 J	ND@480	ND@440
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@380	ND@400 J	ND@410 J	ND@480 J	ND@480	ND@440
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@380	ND@400 J	ND@410 J	ND@480 J	ND@480	ND@440
N-BUTYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
N-PROPYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
O-XYLENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
STYRENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TERT-BUTYLBENZENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TETRACHLOROETHENE	ug/kg	86 J	150 J	44 J	590 J	110 J	160 J
TETRAHYDROFURAN	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TOLUENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TRICHLOROETHENE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220
XYLENES, TOTAL	ug/kg	ND@190	ND@200 J	ND@200 J	ND@240 J	ND@240	ND@220

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 724	MIP 724	MIP 724	MIP 724	MIP 724	MIP 724	
Sample Description	6'	8'	10'	12'	14'	MIP 726	
Sample Date	11/03/2006	11/03/2006	11/03/2006	11/03/2006	11/03/2006	11/03/2006	
Laboratory Sample I.D.	4907733	4907734	4907735	4907736	4907737	4907745	
<b>Parameter</b>	<b>Units</b>						
<b>Indicator Parameters</b>							
MOISTURE	%	6.8	11.8	6.4	4.5	7.9	9.2
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@2500	ND@2500	ND@2400	ND@2500	ND@2400
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@490	ND@500	ND@500	ND@480	ND@500	ND@490
3-CHLOROPROPENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@490	ND@500	ND@500	ND@480	ND@500	ND@490
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,2-DICHLOROETHENE, TOTAL	ug/kg	100 J	520	240 J	4,700.00	ND@250	ND@240
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
2-CHLOROTOLUENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
4-CHLOROTOLUENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4900	ND@5000	ND@5000	ND@4800	ND@5000	ND@4900 J
ACRYLONITRILE	ug/kg	ND@980	ND@1000	ND@1000	ND@970	ND@990	ND@980
BENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
BROMOBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
BROMOMETHANE	ug/kg	ND@250 J	ND@250 J	ND@250 J	ND@240 J	ND@250 J	ND@240
CARBON DISULFIDE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
CHLOROBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
CHLOROETHANE	ug/kg	ND@250 J	ND@250 J	ND@250 J	ND@240 J	ND@250 J	ND@240
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@250	ND@250	65 J	ND@250	ND@240
CHLOROMETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
CHLOROPRENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
CIS-1,2-DICHLOROETHENE	ug/kg	100 J	520	240 J	4,700.00	ND@250	ND@240
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
DIBROMOMETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
ETHYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
HEXACHLOROBUTADIENE	ug/kg	ND@250 J	ND@250 J	ND@250 J	ND@240 J	ND@250 J	ND@240
IODOMETHANE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
ISOPROPYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
M,P-XYLENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@490	ND@500	ND@500	ND@480	ND@500	ND@490
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@490	ND@500	ND@500	ND@480	ND@500	ND@490
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@490	ND@500	ND@500	ND@480	ND@500	ND@490
N-BUTYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
N-PROPYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
O-XYLENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
STYRENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TETRACHLOROETHENE	ug/kg	230 J	1,900.00	600	3,800.00	530	98 J
TETRAHYDROFURAN	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TOLUENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
TRICHLOROETHENE	ug/kg	120 J	470	160 J	2,100.00	ND@250	ND@240
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240
XYLENES, TOTAL	ug/kg	ND@250	ND@250	ND@250	ND@240	ND@250	ND@240

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 726	MIP 726	MIP 726	MIP 726	MIP 726	MIP 726	
Sample Description	4'	6'	8'	10'	12'	14'	
Sample Date	11/03/2006	11/03/2006	11/03/2006	11/03/2006	11/03/2006	11/03/2006	
Laboratory Sample I.D.	4907746	4907747	4907748	4907749	4907750	4907751	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	9.7	9.9	10.4	9.5	14.8	5.4
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2500	ND@2100	ND@2200	ND@2900	ND@2600	ND@2400
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@510	ND@420	ND@440	ND@590	ND@510	ND@480
3-CHLOROPROPENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,1,1-TRICHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@510	ND@420	ND@440	ND@590	ND@510	ND@480
1,1,2-TRICHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,1-DICHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,1-DICHLOROETHENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,1-DICHLOROPROPENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2,3-TRICHLOROBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2,3-TRICHLOROPROPANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2,4-TRICHLOROBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2-DIBROMOETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2-DICHLOROBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2-DICHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@250	92 J	ND@220	60 J	95 J	100 J
1,2-DICHLOROPROPANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,3-DICHLOROBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,3-DICHLOROPROPANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,4-DICHLOROBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
2-CHLOROTOLUENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
4-CHLOROTOLUENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@5100 J	ND@4200 J	ND@4400 J	ND@5900 J	ND@5100	ND@4800
ACRYLONITRILE	ug/kg	ND@1000	ND@840	ND@880	ND@1200	ND@1000	ND@950
BENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
BROMOBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
BROMOCHLOROMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
BROMODICHLOROMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
BROMOMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260 J	ND@240 J
CARBON DISULFIDE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CARBON TETRACHLORIDE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CHLOROBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CHLORODIBROMOMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CHLOROETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260 J	ND@240 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CHLOROMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CHLOROPRENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
CIS-1,2-DICHLOROETHENE	ug/kg	ND@250	92 J	ND@220	60 J	95 J	100 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
DIBROMOMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
ETHYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
HEXACHLOROBUTADIENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260 J	ND@240 J
IODOMETHANE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
ISOPROPYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
ISOPROPYLTOLUENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
M,P-XYLENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@510	ND@420	ND@440	ND@590	ND@510	ND@480
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@510	ND@420	ND@440	ND@590	ND@510	ND@480
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@510	ND@420	ND@440	ND@590	ND@510	ND@480
N-BUTYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
N-PROPYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
O-XYLENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
STYRENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TERT-BUTYLBENZENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TETRACHLOROETHENE	ug/kg	620	12,000.00	1,100.00	6000	2,100.00	1,200.00
TETRAHYDROFURAN	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TOLUENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
TRICHLOROETHENE	ug/kg	ND@250	160 J	ND@220	100 J	ND@260	ND@240
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240
XYLENES, TOTAL	ug/kg	ND@250	ND@210	ND@220	ND@290	ND@260	ND@240

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 730	MIP 730	MIP 730	MIP 730	MIP 730	MIP 730
Sample Description	2'	4'	6'	8'	10'	12'
Sample Date	11/03/2006	11/03/2006	11/03/2006	11/03/2006	11/03/2006	11/03/2006
Laboratory Sample I.D.	4907738	4907739	4907740	4907741	4907742	4907743

Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	7.1	2.9	2.6	7	5.9	5.7
PERCENT SOLIDS	%	NA	NA	NA	NA	NA	NA
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	ND@14000	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2300	ND@2500	ND@2300	ND@2900	ND@2500	ND@2500
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@450	ND@500	ND@470	ND@570	ND@500	ND@500
3-CHLOROPROPENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,1,1-TRICHLOROETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@450	ND@500	ND@470	ND@570	ND@500	ND@500
1,1,2-TRICHLOROETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,1-DICHLOROETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,1-DICHLOROETHENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,1-DICHLOROPROPENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2,3-TRICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2,3-TRICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2,4-TRICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2-DIBROMOETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2-DICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2-DICHLOROETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@230	ND@250	ND@230	280 J	ND@250	53 J
1,2-DICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,3-DICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,3-DICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,4-DICHLOROBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
2-CHLOROTOLUENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
4-CHLOROTOLUENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
ACETONE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
ACROLEIN	ug/kg	ND@4500 J	ND@5000	ND@4700	ND@5700 J	ND@5000 J	ND@5000 J
ACRYLONITRILE	ug/kg	ND@910	ND@990	ND@930	ND@1100	ND@1000	ND@1000
BENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
BROMOBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
BROMOCHLOROMETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
BROMODICHLOROMETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
BROMOMETHANE	ug/kg	ND@230	ND@250 J	ND@230 J	ND@290	ND@250	ND@250
CARBON DISULFIDE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CARBON TETRACHLORIDE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CHLOROBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CHLORODIBROMOMETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CHLOROETHANE	ug/kg	ND@230	ND@250 J	ND@230 J	ND@290	ND@250	ND@250
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CHLOROMETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CHLOROPRENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
CIS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	53 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
DIBROMOMETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
ETHYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
HEXACHLOROBUTADIENE	ug/kg	ND@230	ND@250 J	ND@230 J	NA R	ND@250	ND@250
IODOMETHANE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
ISOPROPYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
ISOPROPYLTOLUENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
M,P-XYLENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
METHACRYLONITRILE	ug/kg	NA	NA	NA	NA	NA	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@450	ND@500	ND@470	ND@570	ND@500	ND@500
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@450	ND@500	ND@470	ND@570	ND@500	ND@500
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@450	ND@500	ND@470	ND@570	ND@500	ND@500
N-BUTYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
N-PROPYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
O-XYLENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
PROPIONITRILE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
SEC-BUTYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
STYRENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TERT-BUTYLBENZENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TETRACHLOROETHENE	ug/kg	320	460	600	9,000.00	850	780
TETRAHYDROFURAN	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TOLUENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
TRICHLOROETHENE	ug/kg	ND@230	ND@250	ND@230	270 J	ND@250	ND@250
TRICHLOROFUOROMETHANE (FREON 11)	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
VINYL ACETATE	ug/kg	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250
XYLENES, TOTAL	ug/kg	ND@230	ND@250	ND@230	ND@290	ND@250	ND@250

**OU#4 Focused Feasibility Study**  
**Soil Analytical Chemistry Data**  
September-November 2006

Sample Location	MIP 730	SB 312	SB 312	SB 313	SB 313	SB 314	
Sample Description	14'	4-8.5'	10.5-14'	6.5-8'	9.3-12.7'	3.5-5.5'	
Sample Date	11/03/2006	09/28/2006	09/28/2006	09/26/2006	09/26/2006	09/27/2006	
Laboratory Sample I.D.	4907744	213862-001	213862-002	213842-001	213842-002	213851-001	
Parameter	Units						
<b>Indicator Parameters</b>							
MOISTURE	%	6.2	12.1	3.8	4	11.5	10.6
PERCENT SOLIDS	%	NA	87.9	96.2	96	88.5	89.4
<b>Alcohols, Acetates, Aldehydes, Ketones</b>							
ETHYL METHACRYLATE	ug/kg	ND@290	ND@12	ND@9.8	ND@9.6 J	ND@11 J	ND@10 J
ISOBUTYL ALCOHOL	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
METHYL METHACRYLATE	ug/kg	ND@290	ND@12 J	ND@9.8 J	ND@9.6 J	ND@11 J	ND@10 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@2900	ND@12	ND@9.8	ND@9.6	ND@11 J	ND@10 J
<b>Base/Neutral Extractables</b>							
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@590	NA R	NA R	ND@4.8 J	NA R	ND@5 J
3-CHLOROPROPENE	ug/kg	ND@290	ND@12	ND@9.8	ND@9.6	ND@11 J	ND@10 J
<b>Volatile Organics</b>							
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1,1-TRICHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@590	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1,2-TRICHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1-DICHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1-DICHLOROETHENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,1-DICHLOROPROPENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2,3-TRICHLOROBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	0.77 J	ND@5.3 J	ND@5 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2,4-TRICHLOROBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@290	ND@6.2 J	ND@4.9 J	ND@4.8 J	ND@5.3 J	ND@5 J
1,2-DIBROMOETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2-DICHLOROBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2-DICHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,2-DICHLOROPROPANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,3-DICHLOROBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,3-DICHLOROPROPANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,4-DICHLOROBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
1,4-DIOXANE	ug/kg	NA R	NA R	NA R	NA R	NA R	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
2-CHLOROTOLUENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
4-CHLOROTOLUENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
ACETONE	ug/kg	NA R	ND@25	ND@20	ND@19 J	ND@21 J	ND@28 J
ACROLEIN	ug/kg	ND@5900 J	NA R	NA R	NA R	NA R	NA R
ACRYLONITRILE	ug/kg	ND@1200	ND@12	ND@9.8	ND@9.6 J	ND@11 J	ND@10 J
BENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
BROMOBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
BROMOCHLOROMETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
BROMODICHLOROMETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@290	ND@6.2 J	ND@4.9 J	ND@4.8	ND@5.3 J	ND@5 J
BROMOMETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CARBON DISULFIDE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CARBON TETRACHLORIDE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CHLOROBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CHLORODIBROMOMETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CHLOROETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CHLOROMETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CHLOROPRENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CIS-1,2-DICHLOROETHENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
DIBROMOMETHANE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
ETHYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
HEXACHLOROBUTADIENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
IODOMETHANE	ug/kg	ND@290	ND@12	ND@9.8	ND@9.6	ND@11 J	ND@10 J
ISOPROPYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
ISOPROPYLTOLUENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
M,P-XYLENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
METHACRYLONITRILE	ug/kg	NA	ND@12	ND@9.8	ND@9.6	ND@11 J	ND@10 J
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@590	ND@12	ND@9.8	ND@9.6 J	ND@11 J	ND@10 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@590	ND@12	ND@9.8	ND@9.6 J	ND@11 J	ND@10 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@290	ND@25	ND@20	ND@19	ND@21 J	ND@20 J
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@590	ND@12	ND@9.8	ND@9.6 J	ND@11 J	ND@10 J
N-BUTYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
N-PROPYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
O-XYLENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
PROPIONITRILE	ug/kg	NA R	NA R	NA R	ND@19 J	ND@21 J	NA R
SEC-BUTYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
STYRENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
TERT-BUTYLBENZENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
TETRACHLOROETHENE	ug/kg	310	1.4 J	ND@4.9	ND@4.8	2.2 J	ND@5 J
TETRAHYDROFURAN	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8 J	ND@5.3 J	ND@5 J
TOLUENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
TRICHLOROETHENE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
VINYL ACETATE	ug/kg	NA	ND@6.2	ND@4.9	ND@4.8 J	ND@5.3 J	ND@5 J
VINYL CHLORIDE	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J
XYLENES, TOTAL	ug/kg	ND@290	ND@6.2	ND@4.9	ND@4.8	ND@5.3 J	ND@5 J

OU#4 Focused Feasibility Study  
 Soil Analytical Chemistry Data  
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Sample Location SB 314  
 Sample Description 7-9.7'  
 Sample Date 09/27/2006  
 Laboratory Sample I.D. 213851-002

Parameter	Units	
<b>Indicator Parameters</b>		
MOISTURE	%	4.3
PERCENT SOLIDS	%	95.7
<b>Alcohols, Acetates, Aldehydes, Ketones</b>		
ETHYL METHACRYLATE	ug/kg	ND@10 J
ISOBUTYL ALCOHOL	ug/kg	NA R
METHYL METHACRYLATE	ug/kg	ND@10 J
TRANS-1,4-DICHLORO-2-BUTENE	ug/kg	ND@10 J
<b>Base/Neutral Extractables</b>		
2-CHLOROETHYL VINYL ETHER	ug/kg	ND@5.1 J
3-CHLOROPROPENE	ug/kg	ND@10
<b>Volatile Organics</b>		
1,1,1,2-TETRACHLOROETHANE	ug/kg	ND@5.1
1,1,1-TRICHLOROETHANE	ug/kg	ND@5.1
1,1,2,2-TETRACHLOROETHANE	ug/kg	ND@5.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/kg	ND@5.1
1,1,2-TRICHLOROETHANE	ug/kg	ND@5.1 J
1,1-DICHLOROETHANE	ug/kg	ND@5.1
1,1-DICHLOROETHENE	ug/kg	ND@5.1
1,1-DICHLOROPROPENE	ug/kg	ND@5.1
1,2,3-TRICHLOROBENZENE	ug/kg	ND@5.1 J
1,2,3-TRICHLOROPROPANE	ug/kg	ND@5.1
1,2,4-TRICHLOROBENZENE	ug/kg	ND@5.1 J
1,2,4-TRIMETHYLBENZENE	ug/kg	ND@5.1 J
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	ND@5.1 J
1,2-DIBROMOETHANE	ug/kg	ND@5.1 J
1,2-DICHLOROBENZENE	ug/kg	ND@5.1
1,2-DICHLOROETHANE	ug/kg	ND@5.1
1,2-DICHLOROETHENE, TOTAL	ug/kg	ND@5.1
1,2-DICHLOROPROPANE	ug/kg	ND@5.1
1,3,5-TRIMETHYLBENZENE	ug/kg	ND@5.1 J
1,3-DICHLOROBENZENE	ug/kg	ND@5.1
1,3-DICHLOROPROPANE	ug/kg	ND@5.1
1,4-DICHLOROBENZENE	ug/kg	ND@5.1
1,4-DIOXANE	ug/kg	NA R
2,2-DICHLOROPROPANE	ug/kg	ND@5.1
2-CHLOROTOLUENE	ug/kg	ND@5.1 J
4-CHLOROTOLUENE	ug/kg	ND@5.1 J
ACETONE	ug/kg	ND@20
ACROLEIN	ug/kg	NA R
ACRYLONITRILE	ug/kg	ND@10 J
BENZENE	ug/kg	ND@5.1
BROMOBENZENE	ug/kg	ND@5.1
BROMOCHLOROMETHANE	ug/kg	ND@5.1
BROMODICHLOROMETHANE	ug/kg	ND@5.1
BROMOFORM (TRIBROMOMETHANE)	ug/kg	ND@5.1 J
BROMOMETHANE	ug/kg	ND@5.1 J
CARBON DISULFIDE	ug/kg	ND@5.1
CARBON TETRACHLORIDE	ug/kg	ND@5.1
CHLOROBENZENE	ug/kg	ND@5.1 J
CHLORODIBROMOMETHANE	ug/kg	ND@5.1
CHLOROETHANE	ug/kg	ND@5.1
CHLOROFORM (TRICHLOROMETHANE)	ug/kg	ND@5.1
CHLOROMETHANE	ug/kg	ND@5.1
CHLOROPRENE	ug/kg	ND@5.1
CIS-1,2-DICHLOROETHENE	ug/kg	ND@5.1
CIS-1,3-DICHLOROPROPENE	ug/kg	ND@5.1
DIBROMOMETHANE	ug/kg	ND@5.1 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/kg	ND@5.1
ETHYLBENZENE	ug/kg	ND@5.1
HEXACHLOROBUTADIENE	ug/kg	ND@5.1
IODOMETHANE	ug/kg	ND@10
ISOPROPYLBENZENE	ug/kg	ND@5.1 J
ISOPROPYLTOLUENE	ug/kg	ND@5.1 J
M,P-XYLENE	ug/kg	ND@5.1
METHACRYLONITRILE	ug/kg	ND@10
METHYL BUTYL KETONE (2-HEXANONE)	ug/kg	ND@10 J
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/kg	ND@10 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/kg	ND@5.1
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/kg	ND@20
MIBK (4-METHYL-2-PENTANONE)	ug/kg	ND@10 J
N-BUTYLBENZENE	ug/kg	ND@5.1
N-PROPYLBENZENE	ug/kg	ND@5.1 J
O-XYLENE	ug/kg	ND@5.1
PROPIONITRILE	ug/kg	NA R
SEC-BUTYLBENZENE	ug/kg	ND@5.1 J
STYRENE	ug/kg	ND@5.1
TERT-BUTYLBENZENE	ug/kg	ND@5.1 J
TETRACHLOROETHENE	ug/kg	ND@5.1 J
TETRAHYDROFURAN	ug/kg	ND@5.1 J
TOLUENE	ug/kg	ND@5.1
TRANS-1,2-DICHLOROETHENE	ug/kg	ND@5.1
TRANS-1,3-DICHLOROPROPENE	ug/kg	ND@5.1 J
TRICHLOROETHENE	ug/kg	ND@5.1
TRICHLOROFLUOROMETHANE (FREON 11)	ug/kg	ND@5.1
VINYL ACETATE	ug/kg	ND@5.1 J
VINYL CHLORIDE	ug/kg	ND@5.1
XYLENES, TOTAL	ug/kg	ND@5.1

OU#4 Focused Feasibility Study  
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**Explanation of Reporting Conventions and Key to Comment Codes**

**Reporting Conventions**

NA Not Analyzed  
ND@X Not Detected at Detection Limit X

**Code Explanation**

J Estimated value - compound meets identification criteria, but result is less than the reporting limit.  
R Result rejected due to analytical and quality control deficiencies. The presence or absence of the analyte cannot be verified.