Table 1
Taylor Colliery
Soil Sample Results
Volatile Organic Compounds
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-SB-1(0-1)	REC2-SB-2(1-2)	REC2-SB-3(1-2)	REC2-SB-4(0.5-1.5)
Sample Depth (feet bgs)				0 - 2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	0-1	1-2	1-2	0.5-1.5
Lab Sample Number	Residential [1]	Non-Residential [1]	Non-Residential [1]	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07	Z3664-08	Z3664-09	Z3664-10	Z3664-11	Z3664-12
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1	1	1	1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOLATILE ORGANIC COMPOUNDS															
Dichlorodifluoromethane	100000	100000	100000	2.4 U	3.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.7 U	3.1 U	2 U	2.1 U	2 U	2 U
Chloromethane	300	300	300	1.7 U	2.2 U	1.6 U	1.6 U	1.6 U	1.6 U	1.9 U	2.2 U	1.4 U	1.4 U	1.4 U	1.4 U
Vinyl Chloride	200	200	200	1.7 U	2.3 U	1.6 U	1.7 U	1.6 U	1.6 U	1.9 U	2.2 U	1.4 U	1.5 U	1.5 U	1.5 U
Bromomethane	1000	1000	1000	2.6 U	3.3 U	2.4 U	2.5 U	2.4 U	2.4 U	2.9 U	3.3 U	2.1 U	2.2 U	2.1 U	2.1 U
Chloroethane	23000	90000	90000	2.3 U	3.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.6 U	3 U	1.9 U	2 U	2 U	1.9 U
Trichlorofluoromethane	200000	200000	200000	1.5 U	2 U	1.4 U	1.4 U	1.4 U	1.4 U	1.7 U	1.9 U	1.2 U	1.3 U	1.3 U	1.3 U
1,1,2-Trichlorotrifluoroethane	26000000	53000000	53000000	2.1 U	2.8 U	2 U	2 U	2 U	2 U	2.4 U	2.7 U	1.8 U	1.8 U	1.8 U	1.8 U
1,1-Dichloroethene	700	700	700	1.3 U	1.6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U	1.6 U	1 U	1.1 U	1.1 U	1.1 U
Acetone	370000	1000000	1000000	63	180	20 U	53	46	42	97	140	18 U	70	27	160
Carbon Disulfide	190000	410000	410000	1.4 U	1.8 U	1.3 U	1.3 U	1.3 U	1.3 U	1.5 U	1.7 U	1.1 U	1.2 U	1.1 U	1.1 U
Methyl tert-butyl Ether	2000	2000	2000	1.1 U	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	0.93 U	0.96 U	0.94 U	0.94 U
Methyl Acetate	3700000	10000000	10000000	2.1 U	2.8 U	2 U	2 U	2 U	2 U	2.4 U	2.7 U	1.8 U	1.8 U	29	130
Methylene Chloride	500	500	500	3.1 U	4 U	2.9 U	2.9 U	2.9 U	2.9 U	3.4 U	3.9 U	2.9 J	2.6 U	2.6 J	2.6 U
trans-1,2-Dichloroethene	10000	10000	10000	1.6 U	2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U	2 U	1.3 U	1.3 U	1.3 U	1.3 U
1,1-Dichloroethane	2700	11000	11000	1.4 U	1.8 U	1.3 U	1.4 U	1.3 U	1.3 U	1.6 U	1.8 U	1.2 U	1.2 U	1.2 U	1.2 U
Cyclohexane	NS	NS	NS	1.3 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U	1.7 U	1.1 U	1.1 U	1.1 U	1.1 U
2-Butanone	280000	580000	580000	6.4 U	8.3 U	6 U	6.1 U	5.9 U	6 U	7.1 U	9.7 J	5.3 U	5.4 U	5.3 U	5.3 U
Carbon Tetrachloride	500	500	500	0.75 U	0.97 U	0.71 U	0.71 U	0.7 U	0.7 U	0.83 U	0.96 U	0.62 U	0.64 U	0.62 U	0.62 U
cis-1,2-Dichloroethene	7000	7000	7000	1.6 U	2.1 U	1.5 U	1.6 U	1.5 U	1.5 U	1.8 U	2.1 U	1.4 U	1.4 U	1.4 U	1.4 U
Chloroform	6000	10000	10000	1.1 U	1.5 U	4.2 J	1.1 U	10	3 J	1.3 U	1.4 U	0.93 U	0.96 U	0.94 U	0.94 U
1,1,1-Trichloroethane	20000	20000	20000	1.2 U	1.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.5 U	1 U	1 U	1 U	1 U
Methylcyclohexane	NS	NS	NS	1.1 U	1.4 U	0.99 U	1 U	0.98 U	0.99 U	1.2 U	1.3 U	0.87 U	0.9 U	0.88 U	0.87 U
Benzene	500	500	500	0.91 U	1.2 U	0.86 U	0.87 U	0.85 U	0.86 U	12	42	0.75 U	0.78 U	0.76 U	0.76 U
1,2-Dichloroethane	500	500	500	1 U	1.4 U	0.98 U	0.99 U	0.97 U	0.98 U	1.2 U	1.3 U	0.86 U	0.88 U	0.87 U	0.86 U
Trichloroethene	500	500	500	0.92 U	1.2 U	0.87 U	0.88 U	0.86 U	0.87 U	1 U	1.2 U	0.77 U	0.79 U	0.77 U	0.77 U
1,2-Dichloropropane	500	500	500	1.2 U	1.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.5 U	0.99 U	1 U	0.99 U	0.99 U
Bromodichloromethane	8600	10000	10000	0.89 U	1.2 U	0.84 U	0.85 U	0.83 U	0.83 U	0.99 U	1.1 U	0.73 U	0.75 U	0.74 U	0.74 U
4-Methyl-2-Pentanone	19000	41000	41000	4.8 U	6.3 U	4.6 U	4.6 U	4.5 U	4.5 U	5.4 U	6.2 U	4 U	4.1 U	4 U	4 U
Toluene	100000	100000	100000	1.1 U	8.2 J	1.1 U	1.1 U	1 U	1 U	5.9 J	11	100	0.95 U	0.93 U	0.93 U
t-1,3-Dichloropropene	NS	NS	NS	1.1 U	1.4 U	1 U	1 U	0.99 U	1 U	1.2 U	1.4 U	0.88 U	0.91 U	0.89 U	0.88 U
cis-1,3-Dichloropropene	NS	NS	NS	0.85 U	1.1 U	0.8 U	0.81 U	0.79 U	0.8 U	0.94 U	1.1 U	0.7 U	0.72 U	0.71 U	0.7 U
1,1,2-Trichloroethane	500	500	500	0.77 U	1 U	0.73 U	0.74 U	0.72 U	0.73 U	0.86 U	0.99 U	0.64 U	0.66 U	0.64 U	0.64 U
2-Hexanone	NS	NS	NS	5.5 U	7.2 U	5.2 U	5.3 U	5.2 U	5.2 U	6.2 U	7.1 U	4.6 U	4.7 U	4.6 U	4.6 U
Dibromochloromethane	10000	10000	10000	0.84 U	1.1 U	0.79 U	0.8 U	0.78 U	0.79 U	0.93 U	1.1 U	0.69 U	0.71 U	0.7 U	0.69 U
1,2-Dibromoethane	5	5	5	1 U	1.4 U	0.98 U	0.99 U	0.97 U	0.98 U	1.2 U	1.3 U	0.86 U	0.88 U	0.87 U	0.86 U
Tetrachloroethene	500	500	500	1.6 U	2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U	2 U	1.3 U	1.3 U	1.3 U	1.3 U
Chlorobenzene	10000	10000	10000	0.96 U	1.3 U	0.91 U	0.92 U	0.9 U	0.9 U	1.1 U	1.2 U	0.8 U	0.82 U	0.8 U	0.8 U
Ethyl Benzene	70000	70000	70000	1 U	1.3 U	0.96 U	0.97 U	0.94 U	0.95 U	1.7 J	3.5 J	7.2	0.86 U	0.84 U	0.84 U
m/p-Xylenes	NS	NS	NS	2.4 U	3.1 U	2.2 U	2.2 U	2.2 U	2.2 U	4.9 J	9.4 J	54	2 U	2 U	2 U
o-Xylene	NS	NS	NS	0.96 U	1.3 U	0.91 U	0.92 U	0.9 U	0.9 U	2.6 J	4.6 J	20	0.82 U	0.8 U	0.8 U
Styrene	24000	24000	24000	0.78 U	1 U	0.74 U	0.75 U	0.73 U	0.74 U	0.87 U	1 U	0.65 U	0.67 U	0.65 U	0.65 U
Bromoform	10000	10000	10000	1 U	1.3 U	0.97 U	0.98 U	0.96 U	0.96 U	1.1 U	1.3 U	0.85 U	0.87 U	0.85 U	0.85 U
Isopropylbenzene	780000	1600000	1600000	1 U	1.4 U	0.98 U	0.99 U	0.97 U	0.98 U	1.2 U	3.3 J	0.86 U	0.88 U	0.87 U	0.86 U
1,1,2,2-Tetrachloroethane	30	30	30	1.1 U	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	0.93 U	0.96 U	0.94 U	0.94 U
1,3-Dichlorobenzene	61000	61000	61000	0.85 U	1.1 U	0.8 U	0.81 U	0.79 U	0.8 U	0.94 U	1.1 U	0.7 U	0.72 U	0.71 U	0.7 U
1,4-Dichlorobenzene	10000	10000	10000	0.97 U	1.3 U	0.92 U	0.93 U	0.91 U	0.92 U	1.1 U	1.2 U	0.81 U	0.83 U	0.81 U	0.81 U
1,2-Dichlorobenzene	60000	60000	60000	1.1 U	1.4 U	1 U	1 U	1 U	1 U	1.2 U	1.4 U	0.9 U	0.93 U	0.91 U	0.9 U
1,2-Dibromo-3-Chloropropane	20	20	20	1.3 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U	1.7 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trichlorobenzene	27000	27000	27000	0.84 U	1.1 U	0.79 U	0.8 U	0.78 U	0.79 U	0.93 U	1.1 U	0.69 U	0.71 U	0.7 U	0.69 U
Total Confident Conc.				63	188.2	4.2	53	56	45	124.1	223.5	184.1	70	58.6	290

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

Table 1
Taylor Colliery
Soil Sample Results
Volatile Organic Compounds
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-SB-5(2-3)	REC5-SB-1(3-3.5)	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(3-4)
Sample Depth (feet bgs)				2-3	3-3.5	5.5-6.5	5.5-6.5	3-4
Lab Sample Number	Residential [1]	Non-Residential [1]	Non-Residential [1]	Z3664-13	Z3664-14	Z3664-15	Z3664-24	Z3664-16
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOLATILE ORGANIC COMPOUNDS								
Dichlorodifluoromethane	100000	100000	100000	2.1 U	2 U	2.4 U	2.4 U	2.4 U
Chloromethane	300	300	300	1.4 U	1.4 U	1.7 U	1.7 U	1.6 U
Vinyl Chloride	200	200	200	1.5 U	1.4 U	1.7 U	1.7 U	1.7 U
Bromomethane	1000	1000	1000	2.2 U	2.1 U	2.6 U	2.6 U	2.5 U
Chloroethane	23000	90000	90000	2 U	1.9 U	2.3 U	2.3 U	2.3 U
Trichlorofluoromethane	200000	200000	200000	1.3 U	1.2 U	1.5 U	1.5 U	1.5 U
1,1,2-Trichlorotrifluoroethane	26000000	53000000	53000000	1.8 U	1.8 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethene	700	700	700	1.1 U	1 U	1.3 U	1.3 U	1.2 U
Acetone	370000	1000000	1000000	19 U	18 U	22 U	21 U	21 U
Carbon Disulfide	190000	410000	410000	1.2 U	1.1 U	1.4 U	1.4 U	1.3 U
Methyl tert-butyl Ether	2000	2000	2000	0.97 U	0.93 U	1.1 U	1.1 U	1.1 U
Methyl Acetate	3700000	10000000	10000000	1.8 U	1.8 U	2.1 U	2.1 U	2.1 U
Methylene Chloride	500	500	500	2.6 U	2.5 U	3.1 U	3.1 U	3 U
trans-1,2-Dichloroethene	10000	10000	10000	1.3 U	1.3 U	1.6 U	1.6 U	1.5 U
1,1-Dichloroethane	2700	11000	11000	1.2 U	1.2 U	1.4 U	1.4 U	1.4 U
Cyclohexane	NS	NS	NS	1.1 U	1.1 U	1.3 U	1.3 U	1.2 U
2-Butanone	280000	580000	580000	5.5 U	5.3 U	6.4 U	6.3 U	6.1 U
Carbon Tetrachloride	500	500	500	0.64 U	0.62 U	0.75 U	0.74 U	0.72 U
cis-1,2-Dichloroethene	7000	7000	7000	1.4 U	1.4 U	1.6 U	1.6 U	1.6 U
Chloroform	6000	10000	10000	0.97 U	0.93 U	1.1 U	1.1 U	1.1 U
1,1,1-Trichloroethane	20000	20000	20000	1 U	0.99 U	1.2 U	1.2 U	1.2 U
Methylcyclohexane	NS	NS	NS	0.9 U	0.87 U	1.1 U	1 U	1 U
Benzene	500	500	500	0.78 U	0.75 U	0.91 U	0.91 U	0.88 U
1,2-Dichloroethane	500	500	500	0.89 U	0.86 U	1 U	1 U	1 U
Trichloroethene	500	500	500	0.79 U	0.76 U	0.92 U	0.92 U	0.89 U
1,2-Dichloropropane	500	500	500	1 U	0.98 U	1.2 U	1.2 U	1.2 U
Bromodichloromethane	8600	10000	10000	0.76 U	0.73 U	0.89 U	0.88 U	0.86 U
4-Methyl-2-Pentanone	19000	41000	41000	4.2 U	4 U	4.8 U	4.8 U	4.7 U
Toluene	100000	100000	100000	0.96 U	0.92 U	1.1 U	1.1 U	1.1 U
t-1,3-Dichloropropene	NS	NS	NS	0.91 U	0.88 U	1.1 U	1.1 U	1 U
cis-1,3-Dichloropropene	NS	NS	NS	0.73 U	0.7 U	0.85 U	0.84 U	0.82 U
1,1,2-Trichloroethane	500	500	500	0.66 U	0.64 U	0.77 U	0.77 U	0.75 U
2-Hexanone	NS	NS	NS	4.8 U	4.6 U	5.5 U	5.5 U	5.4 U
Dibromochloromethane	10000	10000	10000	0.72 U	0.69 U	0.84 U	0.83 U	0.81 U
1,2-Dibromoethane	5	5	5	0.89 U	0.86 U	1 U	1 U	1 U
Tetrachloroethene	500	500	500	1.3 U	1.3 U	1.6 U	1.6 U	1.5 U
Chlorobenzene	10000	10000	10000	0.83 U	0.8 U	0.96 U	0.96 U	0.93 U
Ethyl Benzene	70000	70000	70000	0.87 U	0.84 U	1 U	1 U	0.98 U
m/p-Xylenes	NS	NS	NS	2 U	1.9 U	2.4 U	2.3 U	2.3 U
o-Xylene	NS	NS	NS	0.83 U	0.8 U	0.96 U	0.96 U	0.93 U
Styrene	24000	24000	24000	0.67 U	0.65 U	0.78 U	0.78 U	0.76 U
Bromoform	10000	10000	10000	0.88 U	0.85 U	1 U	1 U	0.99 U
Isopropylbenzene	780000	1600000	1600000	0.89 U	0.86 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	30	30	30	0.97 U	0.93 U	1.1 U	1.1 U	1.1 U
1,3-Dichlorobenzene	61000	61000	61000	0.73 U	0.7 U	0.85 U	0.84 U	0.82 U
1,4-Dichlorobenzene	10000	10000	10000	0.84 U	0.81 U	0.97 U	0.97 U	0.94 U
1,2-Dichlorobenzene	60000	60000	60000	0.94 U	0.9 U	1.1 U	1.1 U	1.1 U
1,2-Dibromo-3-Chloropropane	20	20	20	1.1 U	1.1 U	1.3 U	1.3 U	1.2 U
1,2,4-Trichlorobenzene	27000	27000	27000	0.72 U	0.69 U	0.84 U	0.83 U	0.81 U
Total Confident Conc.				0	0	0	0	0

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

Table 2
Taylor Colliery
Soil Sample Results
Semivolatile Organic Compounds
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-TRENCH2DL	REC2-SB-1(0-1)	REC2-SB-2(1-2)	REC2-SB-3(1-2)	REC2-SB-4(0.5-1.5)	REC2-SB-5(2-3)	REC5-SB-1(3-3.5)	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(6-7)
Sample Depth						0-2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	3-4	0-1	1-2	1-2	0.5-1.5	2-3	3-3.5	5.5-6.5	5.5-6.5	6-7
Lab Sample Number	Residential Soil to Groundwater Used Aquifer (TDS ≤ 2500)	Non-Residential Soil to Groundwater Used Aquifer (TDS ≤ 2500)	Residential Direct Contact 0-15 feet bgs	Non-Residential Direct Contact 0-2 feet bgs	Non-Residential Direct Contact 2-15 feet bgs	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07	Z3664-08	Z3664-08DL	Z3664-09	Z3664-10	Z3664-11	Z3664-12	Z3664-13	Z3664-14	Z3664-15	Z3664-24	Z3664-17
Sampling Date						7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor						1	1	1	2	1	1	20	2	4	1	1	1	1	1	1	1	1	1
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
SEMIVOLATILE ORGANIC COMPOUNDS																							
Benzaldehyde	NS	NS	NS	NS	NS	14 U	18 U	13 U	27 U	13 U	13 U	3000 U	340 U	680 UD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
Phenol	400	400	130000	190000	190000	12 U	15 U	11 U	22 U	11 U	11 U	2500 U	280 U	560 UD	9.7 U	10 U	9.7 U	9.8 U	10 U	9.8 U	12 U	12 U	11 U
bis(2-Chloroethyl)ether	0.013	0.055	0.96	5	5.7	5.5 U	7.1 U	5.1 U	10 U	5.1 U	5.1 U	1200 U	130 U	270 UD	4.5 U	4.7 U	4.6 U	4.6 U	4.7 U	4.6 U	5.5 U	5.5 U	5 U
2-Chlorophenol	4.4	4.4	330	920	1100	11 U	15 U	11 U	22 U	11 U	11 U	2500 U	280 U	550 UD	9.4 U	9.7 U	9.5 U	9.5 U	9.8 U	9.5 U	11 U	11 U	10 U
2-Methylphenol	180	510	10000	10000	10000	11 U	14 U	10 U	21 U	10 U	10 U	2400 U	270 U	540 UD	9.3 U	9.5 U	9.3 U	9.3 U	9.6 U	9.3 U	11 U	11 U	10 U
2,2-oxybis(1-Chloropropane)	30	30	32	160	190	17 U	22 U	16 U	33 U	16 U	16 U	3700 U	420 U	840 UD	14 U	15 U	14 U	14 U	15 U	14 U	17 U	17 U	16 U
Acetophenone	370	1000	10000	10000	10000	12 U	16 U	12 U	24 U	12 U	12 U	2700 U	300 U	610 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
3+4-Methylphenols	18	51	1100	14000	190000	13 U	16 U	12 U	24 U	12 U	12 U	2700 U	310 U	620 UD	11 U	11 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
N-Nitroso-di-n-propylamine	0.0094	0.037	2.6	13	10000	15 U	20 U	14 U	29 U	14 U	14 U	3300 U	370 U	740 UD	13 U	13 U	13 U	13 U	13 U	13 U	15 U	15 U	14 U
Hexachloroethane	0.56	0.56	220	2800	190000	14 U	18 U	13 U	26 U	13 U	13 U	3000 U	330 U	660 UD	11 U	12 U	11 U	12 U	12 U	11 U	14 U	14 U	13 U
Nitrobenzene	1.8	5.1	110	1400	10000	9.8 U	13 U	9.2 U	19 U	9.1 U	9.2 U	2100 U	240 U	480 UD	8.2 U	8.4 U	8.2 U	8.2 U	8.5 U	8.2 U	9.8 U	9.8 U	9 U
Isophorone	10	10	10000	10000	10000	14 U	18 U	13 U	26 U	13 U	13 U	3000 U	330 U	670 UD	11 U	12 U	11 U	12 U	12 U	11 U	14 U	14 U	13 U
2-Nitrophenol	29	82	1800	22000	190000	15 U	20 U	14 U	29 U	14 U	14 U	3300 U	370 U	740 UD	13 U	13 U	13 U	13 U	13 U	13 U	15 U	15 U	14 U
2,4-Dimethylphenol	73	200	4400	10000	10000	12 U	16 U	12 U	24 U	12 U	12 U	2700 U	300 U	610 UD	10 U	11 U	10 U	11 U	11 U	10 U	12 U	12 U	11 U
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	9.6 U	12 U	9 U	18 U	8.9 U	9 U	2100 U	230 U	470 UD	8 U	8.3 U	8.1 U	8.1 U	8.3 U	8.1 U	9.6 U	9.6 U	8.8 U
2,4-Dichlorophenol	2	2	660	8400	190000	9.9 U	13 U	9.3 U	19 U	9.2 U	9.3 U	2100 U	240 U	480 UD	8.3 U	8.5 U	8.3 U	8.3 U	8.6 U	8.3 U	9.9 U	9.9 U	9.1 U
Naphthalene	25	25	4400	56000	190000	10 U	13 U	9.5 U	19 U	9.4 U	9.5 U	2200 U	250 U	490 UD	8.4 U	8.7 U	8.5 U	8.5 U	8.7 U	8.5 U	10 U	10 U	9.2 U
4-Chloroaniline	19	52	880	11000	190000	28 U	36 U	26 U	52 U	26 U	26 U	6000 U	670 U	1300 UD	23 U	24 U	23 U	23 U	24 U	23 U	28 U	27 U	25 U
Hexachlorobutadiene	1.2	1.2	44	560	10000	17 U	22 U	16 U	32 U	16 U	16 U	3700 U	410 U	820 UD	14 U	15 U	14 U	14 U	15 U	14 U	17 U	17 U	16 U
Caprolactam	NS	NS	NS	NS	NS	50 U	65 U	200 J	95 U	47 U	47 U	11000 U	1200 U	2400 UD	42 U	43 U	42 U	42 U	43 U	42 U	50 U	50 U	46 U
4-Chloro-3-methylphenol	37	110	1100	14000	190000	12 U	16 U	12 U	23 U	11 U	12 U	2700 U	300 U	600 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
2-Methylnaphthalene	2900	8000	4400	10000	10000	12 U	15 U	11 U	22 U	11 U	11 U	2600 U	290 U	570 UD	9.8 U	10 U	9.9 U	9.9 U	10 U	9.9 U	12 U	12 U	11 U
Hexachlorocyclopentadiene	91	91	1300	10000	10000	21 U	28 U	20 U	41 U	20 U	20 U	4600 U	520 U	1000 UD	18 U	18 U	18 U	18 U	19 U	18 U	21 U	21 U	20 U
2,4,6-Trichlorophenol	3.1	8.9	66	840	190000	9.7 U	13 U	9.1 U	18 U	9 U	9.1 U	2100 U	240 U	470 UD	8.1 U	8.4 U	8.2 U	8.2 U	8.4 U	8.2 U	9.7 U	9.7 U	8.9 U
2,4,5-Trichlorophenol	2300	6100	22000	190000	190000	12 U	16 U	12 U	24 U	11 U	12 U	2700 U	300 U	600 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
1,1-Biphenyl	790	2200	11000	140000	190000	12 U	16 U	12 U	24 U	11 U	12 U	2700 U	300 U	600 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
2-Chloronaphthalene	6200	18000	18000	190000	190000	10 U	13 U	9.5 U	19 U	9.4 U	9.5 U	2200 U	250 U	490 UD	8.4 U	8.7 U	8.5 U	8.5 U	8.8 U	8.5 U	10 U	10 U	9.3 U
2-Nitroaniline	0.21	0.58	13	160	190000	20 U	25 U	18 U	37 U	18 U	18 U	4200 U	480 U	950 UD	16 U	17 U	16 U	16 U	17 U	16 U	20 U	20 U	18 U
Dimethylphthalate	NS	NS	NS	NS	NS	12 U	16 U	11 U	23 U	11 U	11 U	2600 U	300 U	590 UD	10 U	10 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
Acenaphthylene	2500	6900	13000	170000	190000	6.1 U	7.9 U	5.8 U	12 U	5.7 U	5.7 U	19000 J	2800 J	2100 JD	5.1 U	5.3 U	5.1 U	5.1 U	5.3 U	5.1 U	6.1 U	6.1 U	5.6 U
2,6-Dinitrotoluene	3.7	10	220	2800	190000	15 U	19 U	14 U	28 U	14 U	14 U	3200 U	360 U	730 UD	12 U	13 U	13 U	13 U	13 U	13 U	15 U	15 U	14 U
3-Nitroaniline	0.21	0.58	13	160	190000	28 U	36 U	26 U	53 U	26 U	26 U	6000 U	670 U	1300 UD	23 U	24 U	23 U	23 U	24 U	23 U	28 U	28 U	25 U
Acenaphthene	2700	4700	13000	170000	190000	9 U	12 U	8.5 U	17 U	8.4 U	8.5 U	11000 J	220 U	440 UD	7.5 U	7.8 U	7.6 U	7.6 U	7.8 U	7.6 U	9 U	9 U	8.3 U
2,4-Dinitrophenol	1.9	4.1	440	5600	190000	22 U	29 U	21 U	42 U	21 U	21 U	4800 U	540 U	1100 UD	19 U	19 U	19 U	19 U	19 U	19 U	22 U	22 U	20 U
4-Nitrophenol	6	6	1800	22000	190000	25 U	32 U	23 U	47 U	23 U	23 U	5400 U	600 U	1200 UD	21 U	21 U	21 U	21 U	21 U	21 U	25 U	25 U	23 U
Dibenzofuran	NS	NS	NS	NS	NS	13 U	17 U	12 U	25 U	12 U	12 U	2800 U	310 U	630 UD	11 U	11 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
2,4-Dinitrotoluene	0.21	0.84	58	260	190000	14 U	18 U	13 U	26 U	13 U	13 U	3000 U	340 U	670 UD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
Diethylphthalate	500	500	10000	10000	10000	14 U	18 U	13 U	27 U	13 U	13 U	3100 U	350 U	690 UD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
4-Chlorophenyl-phenylether	NS	NS	NS	NS	NS	16 U	21 U	15 U	30 U	15 U	15 U	3400 U	390 U	770 UD	13 U	14 U	13 U	13 U	14 U	13 U	16 U	16 U	15 U
Fluorene	3000	3800	8800	110000	190000	11 U	15 U	11 U	21 U	10 U	11 U	14000 J	1200 J	550 UD	9.4 U	9.7 U	9.4 U	9.5 U	9.7 U	9.4 U	11 U	11 U	10 U
4-Nitroaniline	0.21	0.58	13	160	190000	33 U	43 U	31 U	63 U	31 U	31 U	7100 U	800 U	1600 UD	27 U	28 U	28 U	28 U	28 U	28 U	33 U	33 U	30 U
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	57 U	73 U	53 U	110 U	52 U	53 U	12000 U	1400 U	2700 UD	47 U	49 U	47 U	48 U	49 U	47 U	56 U	56 U	52 U
N-Nitrosodiphenylamine	20	83	3700	16000	190000	31 U	41 U	30 U	60 U	29 U	29 U	6800 U	760 U	1500 UD	26 U	27 U	26 U	26 U	27 U	26 U	31 U	31 U	29 U
4-Bromophenyl-phenylether	NS	NS	NS	NS	NS	19 U	25 U	18 U	36 U	18 U	18 U	4100 U	460 U	930 UD	16 U	16 U	16 U	16 U	16 U	16 U	19 U	19 U	17 U
Hexachlorobenzene	0.96	0.96	11	50	190000	13 U	16 U	12 U	24 U	12 U	12 U	2700 U	310 U	610 UD	11 U	11 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Atrazine	0.3	0.3	81	360	190000	30 U	38 U	28 U	56 U	27 U	28 U	6400 U	720 U	1400 UD	25 U	25 U	25 U	25 U	26 U	25 U	30 U	29 U	27 U
Pentachlorophenol	5	5	150	660	190000	47 U	61 U	45 U	90 U	44 U	44 U	10000 U	1200 U	2300 UD	39 U	41 U	40 U	40 U	41 U	40 U	47 U	47 U	43 U
Phenanthrene	10000	10000	66000	190000	190000	13 U	17 U	12 U	25 U	12 U	12 U	230000	24000	23000 D	79 J	75 J	11 U	11 U	11 U	52 J	13 U	13 U	12 U
Anthracene	350	350	66000	190000	190000	14 U	18 U	13 U	27 U	13 U	13 U	59000 J	6100 J	4900 JD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
Carbazole	21	83	900	4000	190000	32 U	41 U	30 U	61 U	30 U	30 U	38000 J	3500 J	3100 JD	27 U	27 U	27 U	27 U	28 U	27 U	32 U	32 U	29 U
Di-n-butylphthalate	1500	4100	10000	10000	10000	20 U	25 U	18 U	37 U	18 U	18 U	4200 U	480 U	950 UD	16 U	17 U	16 U	17 U	17 U	16 U	20 U	20 U	18 U
Fluoranthene	3200	3200	8800	110000	190000	10 U	13 U	9.5 U	19 U	9.4 U	9.5 U	540000	71000 E	68000 D	280 J	190 J	8.5 U	8.5 U	8.8 U	64 J	10 U	10 U	9.3 U
Pyrene	2200	2200	6600	84000	190000	9.1 U	12 U	8.6 U	17 U	8.5 U	8.6 U	430000	56000	55000 D	210 J	150 J	7.6 U	7.7 U	7.9 U	50 J	9.1 U	9.1 U	8.4 U
Butylbenzylphthalate	10000	10000	10000	10000	10000	26 U	34 U	25 U	50 U	25 U	25 U	5700 U	640 U	1300 UD	22 U	23 U	22 U	22 U	23 U	22 U	26 U	26 U	24 U
3,3-Dichlorobenzidine	8.3	32	40	180	190000	32 U	41 U	30 U	60 U	29 U	30 U	6800 U	770 U	1500 UD	26 U	27 U	26 U	27 U	27 U	26 U	32 U	31 U	29 U
Benzo(a)anthracene	79	320	25	110	190000	10 U	13 U	9.5 U	19 U	9.3 U	9.4 U	280000	36000	34000 D	130 J	88 J	8.4 U	8.5 U	8.7 U	8.5 U	10 U	10 U	9.2 U
Chrysene	230	230	2500	11000	190000	7.8 U	10 U	7.3 U	15 U	7.2 U	7.3 U	270000	36000	34000 D	140 J	92 J	6.5 U	6.5 U	6.7 U	6.5 U	7.8 U	7.8 U	7.1 U
bis(2-Ethylhexyl)phthalate	130	130	1300	5700	10000	16 U	21 U	15 U	30 U	15 U	15 U	3500 U	390 U	780 UD	13 U	14 U	13 U	13 U	14 U	13 U	16 U	16 U	15 U
Di-n-octyl phthalate	10000	10000	4400	10000	10000	15 U	19 U	14 U	28 U	14 U	14 U	3200 U	360 U	710 UD	12 U	13 U	12 U	12 U	13 U	12 U	15 U	15 U	13 U
Benzo(b)fluoranthene	120	170	25	110	190000	30 U	39 U	28 U	57 U	28 U	28 U	330000	43000	43000 D	160 J	100 J	25 U	25 U	26 U	25 U	30 U	30 U	28 U
Benzo(k)fluoranthene	610	610	250	1100	190000	19 U	25 U	18 U	36 U	18 U	18 U	120000	16000	13000 JD	62 J	16 U	16 U	16 U	17 U	16 U	19 U	19 U	18 U
Benzo(a)pyrene	46	46	2.5	11	190000	12 U	16 U	12 U	23 U	11 U	12 U	230000	29000	27000 D	100 J	65 J	10 U	10 U	11 U	10 U	12 U	12 U	11 U
Indeno(1,2,3-cd)pyrene	7000	28000	25	110	190000	11 U	14 U	10 U	20 U	9.8 U	9.9 U	160000	22000	19000 JD	69 J	39 J	8.9 U	8.9 U	9.2 U	8.9 U	11 U	11 U	9.7 U
Dibenz(a,h)anthracene	41	160	2.5	11	190000	31 U	40 U	29 U	58 U	29 U	29 U	43000 J	5900 J	4600 JD	26 U	26 U	26 U	26 U	27 U	26 U	31 U	31 U	28 U
Benzo(g,h,i)perylene	180	180	13000	170000	190000	30 U	39 U	28 U	58 U	28 U	28 U	150000	19000	17000 JD	63 J	40 J	25 U	25 U	26 U	25 U	30 U	30 U	28 U
Total Confident Conc						0	0	200	0	0	0	2924000	371500	347700	1293	839	0	0	0	166	0	0	0

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The result exceeds the residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)
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Table 3
Taylor Colliery
Soil Sample Results
Metals
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-SB-1(0-1)	REC2-SB-3(1-2)	REC2-SB-4(0.5-1.5)
Depth (feet bgs)						0-2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	0-1	1-2	0.5-1.5
Lab Sample Number	Residential	Non-Residential	Residential	Non-Residential	Non-Residential	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07DL	Z3664-08	Z3664-09	Z3664-11	Z3664-12
Sampling Date	Soil to Groundwater	Soil to Groundwater	Direct Contact	Direct Contact	Direct Contact	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	Used Aquifer (TDS ≤ 2500)	Used Aquifer (TDS ≤ 2500)	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor						1	1	1	1	1	1	10	1	1	1	1
Units						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg											
Arsenic	150	150	12	53	190000	66.9	250	16.1	58.1	55	8.74	19.8	21.1	6.73	5.35	9.78
Barium	8200	8200	15000	190000	190000	31.3	125	28.4	72.1	37.2	26	2870	1950	50	25.8	37.5
Cadmium	38	38	47	210	190000	0.517	0.869	0.135 J	1.57	0.338 J	0.106 J	6.67	139	0.453	0.233 J	0.43
Chromium	NS	NS	NS	NS	NS	29.8	37.6	5.31	19.6	7.58	4.47	57.1	68.6	5.63	6.16	6.69
Lead	450	450	500	1000	190000	94.7	1270	28.3	197	97.1	17.9	30900	9100	30.7	11.3	12.7
Mercury	10	10	66	840	190000	0.257	0.334	0.063	0.048	0.019	0.008 U	0.298	0.424	0.042	0.038	0.137
Selenium	26	26	1100	14000	190000	21	645	6.57	10.9	9.62	2.49	7.7 U	0.885 U	0.577 U	0.58 U	0.58 U
Silver	84	84	1100	14000	190000	0.176 U	3.1	0.167 U	0.167 U	0.163 U	0.167 U	1.97 U	0.227 U	0.148 U	0.148 U	0.148 U

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Table 3
Taylor Colliery
Soil Sample Results
Metals
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-SB-5(2-3)	REC5-SB-1(3-3.5)
Depth (feet bgs)						2-3	3-3.5
Lab Sample Number	Residential	Non-Residential	Residential	Non-Residential	Non-Residential	Z3664-13	Z3664-14
Sampling Date	Soil to Groundwater	Soil to Groundwater	Direct Contact	Direct Contact	Direct Contact	7/11/2008	7/11/2008
Matrix	Used Aquifer (TDS ≤ 2500)	Used Aquifer (TDS ≤ 2500)	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL
Dilution Factor						1	1
Units						mg/kg	mg/kg
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Arsenic	150	150	12	53	190000	5.26	12.5
Barium	8200	8200	15000	190000	190000	42.4	31.1
Cadmium	38	38	47	210	190000	0.13 J	0.154 J
Chromium	NS	NS	NS	NS	NS	7.08	6.82
Lead	450	450	500	1000	190000	23.4	9.04
Mercury	10	10	66	840	190000	0.027	0.038
Selenium	26	26	1100	14000	190000	0.593 U	0.58 U
Silver	84	84	1100	14000	190000	0.152 U	0.149 U

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Table 3
Taylor Colliery
Soil Sample Results
Metals
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(6-7)
Depth (feet bgs)						5.5-6.5	5.5-6.5	6-7
Lab Sample Number	Residential	Non-Residential	Residential	Non-Residential	Non-Residential	Z3664-15	Z3664-24	Z3664-17
Sampling Date	Soil to Groundwater	Soil to Groundwater	Direct Contact	Direct Contact	Direct Contact	7/11/2008	7/11/2008	7/11/2008
Matrix	Used Aquifer (TDS ≤ 2500)	Used Aquifer (TDS ≤ 2500)	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL
Dilution Factor						1	1	1
Units						mg/kg	mg/kg	mg/kg
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
Arsenic	150	150	12	53	190000	16	17	4.98
Barium	8200	8200	15000	190000	190000	254	259	47.6
Cadmium	38	38	47	210	190000	0.084 U	0.083 U	0.207 J
Chromium	NS	NS	NS	NS	NS	8.18	11.7	6.63
Lead	450	450	500	1000	190000	27.5	30.5	8.23
Mercury	10	10	66	840	190000	0.009 U	0.009 U	0.019
Selenium	26	26	1100	14000	190000	3.09	1.73	0.634 U
Silver	84	84	1100	14000	190000	0.177 U	0.174 U	0.162 U

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Table 4
Taylor Colliery
Soil Sample Results
Polychlorinated Biphenyls (PCBs)
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-SB-1(0-1)	REC2-SB-2(1-2)	REC2-SB-3(1-2)
Sample Depth (feet bgs)				0-2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	0-1	1-2	1-2
Lab Sample Number	Residential (1)	Non-Residential (1)	Non-Residential (1)	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07	Z3664-08	Z3664-09	Z3664-10	Z3664-11
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1	1	1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCBs														
Aroclor-1016	15000	200000	200000	4.7 U	6.1 U	4.4 U	4.5 U	4.4 U	4.5 U	5.3 U	6 U	3.9 U	4 U	4 U
Aroclor-1221	630	2500	2500	5.8 U	7.5 U	5.4 U	5.5 U	5.4 U	5.4 U	6.4 U	7.3 U	4.8 U	4.9 U	4.9 U
Aroclor-1232	500	2000	2000	6 U	7.8 U	5.7 U	5.7 U	5.6 U	5.7 U	6.7 U	7.7 U	5 U	5.2 U	5.1 U
Aroclor-1242	16000	62000	62000	2.7 U	3.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.9 U	3.4 U	2.2 U	2.3 U	2.2 U
Aroclor-1248	9900	44000	67000	5.8 U	7.6 U	5.5 U	5.5 U	5.4 U	5.5 U	6.5 U	7.4 U	4.8 U	5 U	4.9 U
Aroclor-1254	4400	44000	280000	5.9 U	7.7 U	5.5 U	5.6 U	5.5 U	5.6 U	6.6 U	7.5 U	4.9 U	5.1 U	5 U
Aroclor-1260	30000	130000	1900000	4.7 U	6.1 U	4.4 U	4.5 U	4.4 U	4.4 U	5.2 U	6 U	3.9 U	4 U	4 U

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard
(1) The standard shown is the lower of the "Soil to Groundwater" and "Direct Contact" standards
The result exceeds the residential standard
The result exceeds the non-residential standard

Table 4
Taylor Colliery
Soil Sample Results
Polychlorinated Biphenyls (PCBs)
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-SB-4(0.5-1.5)	REC2-SB-5(2-3)	REC4S1	REC4S2	REC4S3	REC5-SB-1(3-3.5)	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(6-7)	REC5-SB-4(0-2)
Sample Depth (feet bgs)				0.5-1.5	2-3	0-0.5	0-0.5	0-0.5	3-3.5	5.5-6.5	5.5-6.5	6-7	0-2
Lab Sample Number	Residential (1)	Non-Residential (1)	Non-Residential (1)	Z3664-12	Z3664-13	Z3664-19	Z3664-20	Z3664-21	Z3664-14	Z3664-15	Z3664-24	Z3664-17	Z3664-18
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1	1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCBs													
Aroclor-1016	15000	200000	200000	4 U	4.1 U	6.5 U	4.4 U	4.2 U	4 U	4.7 U	4.7 U	4.3 U	4.3 U
Aroclor-1221	630	2500	2500	4.9 U	5 U	8 U	5.4 U	5.1 U	4.8 U	5.8 U	5.8 U	5.3 U	5.2 U
Aroclor-1232	500	2000	2000	5.1 U	5.2 U	8.3 U	5.7 U	5.3 U	5.1 U	6 U	6 U	5.6 U	5.5 U
Aroclor-1242	16000	62000	62000	2.2 U	2.3 U	3.7 U	2.5 U	2.3 U	2.2 U	2.6 U	2.6 U	2.4 U	2.4 U
Aroclor-1248	9900	44000	67000	4.9 U	5 U	8 U	5.5 U	5.1 U	4.9 U	5.8 U	5.8 U	5.4 U	5.3 U
Aroclor-1254	4400	44000	280000	5 U	5.1 U	8.2 U	5.5 U	5.2 U	5 U	5.9 U	5.9 U	5.4 U	5.3 U
Aroclor-1260	30000	130000	1900000	4 U	4.1 U	6.5 U	4.4 U	4.2 U	3.9 U	4.7 U	4.7 U	4.3 U	4.3 U

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The result exceeds the residential standard
The result exceeds the non-residential standard