

SUMMARIZED DATA FOR ELKEM CARBON (IAD 005 267 588) USGS SOIL, SEDIMENT, GROUNDWATER AND SURFACE WATER SAMPLING EVENT CONDUCTED

SOIL and SEDIMENT results -->		Units	Site 002 0-2'	Site 002 2-4'	Site 010 0-2'	Site 010 2-4'	Site 011 0-2'	Site 011 2-4'
Latitude			40.4213	40.4213	40.419967	40.419667	40.4198	40.4198
Longitude			-91.421417	-91.421417	-91.420683	-91.420683	-91.4205	-91.4205
Mercury	mg/kg		0.0461	0.130	0.430	0.367	0.201	0.0377
Aluminum	mg/kg		9280	9320	4390	4580	16100	12900
Antimony	mg/kg		2.7 J	2.5	2.4	4.4	3.4	3.7
Arsenic	mg/kg		7.4	5.9 U	5.5 U	5.9 U	5.7 U	5.9 U
Barium	mg/kg		166 J	107	111	366	325	144
Beryllium	mg/kg		1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U
Cadmium	mg/kg		2.2	1.9	1.2	1.2 U	1.1 U	1.2 U
Calcium	mg/kg		36200	10400	52600	121000	4280	2690
Chromium	mg/kg		14.3	13.5	16.8	11.4	20.4	15.0
Cobalt	mg/kg		12.0	5.4	3.6	3.1	3.6	4.8
Copper	mg/kg		13.3	7.6	54.8	27.3	14.6	6.5
Iron	mg/kg		14800	11900	16600	9000	21200	15900
Lead	mg/kg		70.4 J	32.7	146	247	10.5	5.9 U
Magnesium	mg/kg		3040	1890	2720	4190	4020	2600
Manganese	mg/kg		1040	197	238	443	195	219
Molybdenum	mg/kg		2.2 U	2.4 U	2.4	2.4 U	2.3 U	2.4 U
Nickel	mg/kg		14.6	11.1	14.6	9.8	18.6	12.1
Potassium	mg/kg		857	549	435	478	1080	630
Selenium	mg/kg		10.9 UJ	11.8 U	10.9 U	11.8 U	11.4 U	11.8 U
Silver	mg/kg		2.2 U	2.4 U	2.2 U	2.4 U	2.3 U	2.4 U
Sodium	mg/kg		94.9	101	140	189	214	224
Thallium	mg/kg		10.9 U	11.8 U	10.9 U	11.8 U	11.4 U	11.8 U
Vanadium	mg/kg		30.3	22.7	11.2	15.4	31.8	29.4
Zinc	mg/kg		151 J	158	217	114	42.0	17.5
Solids, percent	%		90.9	83.6	91.1	84.3	86.7	84.5
Acenaphthene	ug/kg		680 U	130 U	2800	2600	620	140 U
Acenaphthylene	ug/kg		680 U	130 U	260 U	270 U	130 U	140 U
Anthracene	ug/kg		680 U	200	4300	4200	1500	140 U

Benzo(a)anthracene	ug/kg	2000	590	13000	8300	3400	140	U
Benzo(a)pyrene	mg/kg	2.5	1.3 U	13	9.2	4	1.4	U
Benzo(b)fluoranthene	ug/kg	2400	1300 U	17000	10000	4500	1400	U
Benzo(g,h,i)perylene	ug/kg	1700	1300 U	7500	4500	2100	1400	U
Benzo(k)fluoranthene	ug/kg	1400 U	1300 U	6300	3700	1800	1400	U
Benzoic acid	ug/kg	3400 U	640 U	1300 U	1300 U	660 U	680	U
Benzyl alcohol	ug/kg	3400 U	640 U	1300 U	1300 U	660 U	680	U
bis(2-Chloroethoxy)methane	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
bis(2-Chloroethyl)ether	ug/kg	1700 UJ	320 UJ	640 UJ	670 UJ	330 UJ	340	UJ
bis(2-Chloroisopropyl)ether	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
bis(2-Ethylhexyl)phthalate	ug/kg	1700 UJ	320 UJ	650 J	670 UJ	330 UJ	340	UJ
4-Bromophenyl-phenylether	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
Butylbenzylphthalate	ug/kg	1700 U	320 U	640 U	670 U	330 U	340	U
Carbazole	ug/kg	1700 U	320 U	2400	2500	630	340	U
4-Chloro-3-methylphenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340	U
4-Chloroaniline	ug/kg	3400 UJ	640 UJ	1300 UJ	1300 UJ	660 UJ	680	UJ
2-Chloronaphthalene	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
2-Chlorophenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340	U
4-Chlorophenyl-phenylether	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
Chrysene	ug/kg	3000	850	12000 J	9900	3400	140	U
Di-n-butylphthalate	ug/kg	1700 U	320 U	640 U	670 U	330 U	340	U
Di-n-octylphthalate	ug/kg	3400 UJ	3200 UJ	6400 UJ	6700 UJ	3300 UJ	3400	UJ
Dibenz(a,h)anthracene	ug/kg	1400 U	1300 U	2600 U	2700 U	1300 U	1400	U
Dibenzofuran	ug/kg	680 U	130 U	2500	1900	550	140	U
1,2-Dichlorobenzene	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
1,3-Dichlorobenzene	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
1,4-Dichlorobenzene	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
3,3'-Dichlorobenzidine	ug/kg	3400 UJ	640 UJ	1300 UJ	1300 UJ	660 UJ	680	UJ
2,4-Dichlorophenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340	U
Diethylphthalate	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
2,4-Dimethylphenol	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U
Dimethylphthalate	ug/kg	680 U	130 U	260 U	270 U	130 U	140	U

4,6-Dinitro-2-methylphenol	ug/kg	3400 UJ	640 UJ	1300 UJ	1300 UJ	660 UJ	680 UJ
2,4-Dinitrophenol	ug/kg	3400 UJ	640 UJ	1300 UJ	1300 UJ	660 UJ	680 UJ
2,4-Dinitrotoluene	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
2,6-Dinitrotoluene	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
Fluoranthene	ug/kg	3000	1100	30000	21000	9900	240
Fluorene	ug/kg	680 U	130 U	1700	2200	500	140 U
Hexachlorobenzene	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
Hexachlorobutadiene	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
Hexachlorocyclopentadiene	ug/kg	680 UJ	130 UJ	260 UJ	270 UJ	130 UJ	140 UJ
Hexachloroethane	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
Indeno(1,2,3-cd)pyrene	ug/kg	1400 U	1300 U	8500	4700	2300	1400 U
Isophorone	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
2-Methylnaphthalene	ug/kg	680 U	130 U	1600	1700	190	140 U
2-Methylphenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U
4-Methylphenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U
Naphthalene	ug/kg	680 U	130	1000	1400	450	140 U
2-Nitroaniline	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U
3-Nitroaniline	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U
4-Nitroaniline	ug/kg	3400 U	640 U	1300 U	1300 U	660 U	680 U
Nitrobenzene	ug/kg	680 UJ	130 UJ	260 UJ	270 UJ	130 UJ	140 UJ
2-Nitrophenol	ug/kg	1700 UJ	320 UJ	640 UJ	670 UJ	330 UJ	340 UJ
4-Nitrophenol	ug/kg	3400 U	640 U	1300 U	1300 U	660 U	680 U
N-nitroso-di-n-propylamine	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U
N-nitrosodiphenylamine	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
Pentachlorophenol	ug/kg	3400 U	640 U	1300 U	1300 U	660 U	680 U
Phenanthrene	ug/kg	3400	1200	22000	24000	4800	170
Phenol	ug/kg	680 UJ	130 UJ	260 UJ	270 UJ	130 UJ	140 UJ
Pyrene	ug/kg	3400	1100	24000	18000	6600 J	200
1,2,4-Trichlorobenzene	ug/kg	680 U	130 U	260 U	270 U	130 U	140 U
2,4,5-Trichlorophenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U
2,4,6-Trichlorophenol	ug/kg	1700 U	320 U	640 U	670 U	330 U	340 U

WATER results (unfiltered)-->	Units	Site 005		Site 005 FD		Site 015 FD		Site 015		Equip Blank		Site 16 FD	
Latitude		40.42		40.42		40.418133		40.418133		NA		40.419167	
Longitude		-91.421717		-91.421717		-91.417383		-91.417383		NA		-91.41635	
Cyanide	mg/L	0.0100	U	NA		0.0100	U	0.0100	U	0.0100	U	0.0100	U
Mercury	ug/L	0.500	U	NA		0.500	U	0.500	U	0.500	U	0.500	U
Aluminum	ug/L	1140		NA		8090		6730		50	U	50	U
Antimony	ug/L	50	U	NA		50	U	50	U	50	U	50	U
Arsenic	ug/L	25	U	NA		25	U	25	U	25	U	25	U
Barium	ug/L	144		NA		469		413		10	U	194	
Beryllium	ug/L	3	U	NA		3	U	3	U	3	U	3	U
Cadmium	ug/L	9		NA		23		20		3	U	3	U
Calcium	mg/L	132		NA		222		197		2	U	81.6	
Chromium	ug/L	15	U	NA		37		31		15	U	15	U
Cobalt	ug/L	11.6		NA		18		15		10	U	10	U
Copper	ug/L	12		NA		16		12		8		5	U
Iron	ug/L	3650		NA		9960		7960		50	U	104	
Lead	ug/L	50	U	NA		50	U	50	U	50	U	50	U
Magnesium	mg/L	49.8		NA		58.0		57.1		2	U	17.8	
Manganese	ug/L	937		NA		1140		908		5	U	26	
Molybdenum	ug/L	26		NA		15	U	15	U	15	U	15	U
Nickel	ug/L	37		NA		27		23		20	U	20	U
Potassium	mg/L	2.49		NA		2.99		2.72		2	U	15.0	
Selenium	ug/L	50	U	NA		50	U	50	U	50	U	50	U
Silver	ug/L	25	U	NA		25	U	25	U	25	U	25	U
Sodium	mg/L	91.6		NA		65.1		63.0		5	U	50.7	
Thallium	ug/L	50	U	NA		50	U	50	U	50	U	50	U
Titanium	ug/L	20	U	NA		32		30		20	U	20	U
Vanadium	ug/L	10		NA		36		30		10	U	10	U
Zinc	ug/L	245		NA		161		134		25	U	25	U
Acenaphthene	ug/L	2	U	NA		2	U	2	U	2	U	2	U
Acenaphthylene	ug/L	2	U	NA		2	U	2	U	2	U	2	U

Anthracene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Benzo(a)anthracene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Benzo(a)pyrene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Benzo(b)fluoranthene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Benzo(g,h,i)perylene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Benzoic acid	ug/L	10 U	NA	10 U	10 U	10 U	10 UJ
Benzyl alcohol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
bis(2-Chloroethoxy)methane	ug/L	2 U	NA	2 U	2 U	2 U	2 U
bis(2-Chloroethyl)ether	ug/L	2 U	NA	2 U	2 U	2 U	2 U
bis(2-Chloroisopropyl)ether	ug/L	2 U	NA	2 U	2 U	2 U	2 U
bis(2-Ethylhexyl)phthalate	ug/L	5 U	NA	5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Butylbenzylphthalate	ug/L	5 U	NA	5 U	5 U	5 U	5 U
Carbazole	ug/L	5 UJ	NA	5 UJ	5 UJ	5 UJ	5 U
4-Chloro-3-methylphenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
4-Chloroaniline	ug/L	10 UJ	NA	10 UJ	10 UJ	10 UJ	10 U
2-Chloronaphthalene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2-Chlorophenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
4-Chlorophenyl-phenylether	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Chrysene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Di-n-butylphthalate	ug/L	5 U	NA	5 U	5 U	5 U	5 U
Di-n-octylphthalate	ug/L	5 U	NA	5 U	5 U	5 U	5 U
Dibenz(a,h)anthracene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Dibenzofuran	ug/L	2 U	NA	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	ug/L	10 U	NA	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
Diethylphthalate	ug/L	12	NA	5.7	5.9	8.6	2 U
2,4-Dimethylphenol	ug/L	2 U	NA	2 U	2 U	2 U	2 UJ

Dimethylphthalate	ug/L	2.1	NA	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	ug/L	10 U	NA	10 U	10 U	10 U	10 UJ
2,4-Dinitrophenol	ug/L	10 UJ	NA	10 UJ	10 UJ	10 UJ	10 UJ
2,4-Dinitrotoluene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Fluoranthene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Fluorene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Hexachlorobenzene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Hexachlorobutadiene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	ug/L	2 UJ	NA	2 UJ	2 UJ	2 UJ	2 UJ
Hexachloroethane	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Indeno(1,2,3-cd)pyrene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Isophorone	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2-Methylnaphthalene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2-Methylphenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
4-Methylphenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
Naphthalene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2-Nitroaniline	ug/L	5 U	NA	5 U	5 U	5 U	5 U
3-Nitroaniline	ug/L	5 UJ	NA	5 UJ	5 UJ	5 UJ	5 UJ
4-Nitroaniline	ug/L	10 UJ	NA	10 UJ	10 UJ	10 UJ	10 U
Nitrobenzene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2-Nitrophenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
4-Nitrophenol	ug/L	10 U	NA	10 U	10 U	10 U	10 UJ
N-nitroso-di-n-propylamine	ug/L	5 U	NA	5 U	5 U	5 U	5 U
N-nitrosodiphenylamine	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Pentachlorophenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
Phenanthrene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
Phenol	ug/L	2 U	NA	2 U	2 U	2 U	2 UJ
Pyrene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	ug/L	2 U	NA	2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ
2,4,6-Trichlorophenol	ug/L	5 U	NA	5 U	5 U	5 U	5 UJ

Acetone	ug/L	5.0 UJ	8.1 J	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Benzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Bromoform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	2.0 U
Bromomethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
2-Butanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
Carbon Disulfide	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Chloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Chloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 UJ	1.3 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,2-Dibromoethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
1,1-Dichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	3.9 J	4.3 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	210 J	210 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.9 J	4.0 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
Isopropylbenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U

Methyl tert-butyl ether	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
4-Methyl-2-Pentanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U
Naphthalene	ug/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	4.0 UJ
Styrene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 UJ	1.6 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Toluene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	4.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	2.0 U
1,1,1-Trichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Trichloroethene	ug/L	2.7 J	4.5 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 UJ	1.3 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 U
o-Xylene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U

SEDIMENT SAMPLES COLLECTED IN JULY-SEPTEMBER 2012, REGION 7 LAB ASR 5789. SAMPLE NAMES CORRESPOND TO LOCATIONS ON FIGURE 2 AND TABLE 1 OF THE USGS REPORT

Site 012 0-2' FD	Site 012 0-2'	Site 012 2-4' FD	Site 012 2-4'	Site 007 0-2'	Site 007 2-4'	Site 008 0-2'	Site 008 2-4'
40.419617	40.419617	40.419617	40.419617	40.419667	40.419667	40.419367	40.419367
-91.420733	-91.420733	-91.420733	-91.420733	-91.421867	-91.421867	-91.421917	-91.421917
0.105	0.102	0.0325	0.0354	0.254	0.0388	0.571	0.0464
14000	13800	18400	14900	6440	16700	6510	18800
8.3	3.1	4.0	3.2	11.4	4.5	6.6	4.2
5.8 U	5.6 U	6.0 U	5.9 U	5.8 U	11.3	5.4 U	6.2
168	135	84.5	213	296	243	126	196
1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2
1.2 U	1.1 U	1.2 U	1.2 U	5.1	1.2 U	1.1 U	1.2
3460	3790	3190	2890	81300	4040	47800	3900
19.2	21.8	19.2	16.8	13.9	21.3	9.8	22.7
1.9	6.2	7.2	1.6	4.0	18.3	3.8	3.4
680	11.2	12.0	7.3	61.2	17.5	22.1	16.6
16500	16700	19400	15300	14900	23000	13100	21200
234	5.6 U	13.3	5.9 U	505	12.7	350	6.2
3360	3130	2680	2430	12300	4130	5060	4900
80.2	257	271	72.5	347	807	485	143
2.3 U	2.2 U	2.4 U	2.3 U	2.3 U	2.5 U	2.2 U	2.5
15.0	14.2	7.3	7.4	16.0	21.3	10.4	20.8
871	844	524	524	762	1370	753	1410
11.7 U	11.2 U	12.0 U	11.7 U	11.7 U	12.5 U	10.9 U	12.4
2.3 U	2.2 U	2.4 U	2.3 U	2.3 U	2.5 U	2.2 U	2.5
208	217	259	225	449	107	148	192
11.7 U	11.2 U	12.0 U	11.7 U	11.7 U	12.5 U	10.9 U	12.4
28.6	28.6	40.2	30.6	18.1	41.1	23.0	35.4
36.0	30.9	11.3	14.7	251	348	172	57.4
85.0	88.9	81.8	83.2	85.6	79.8	91.7	80.2
130 U	130 U	130 U	120 U	140000	1300 U	2900	150
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
700	130 U	130 U	120 U	300000	2800	7600	150

1100		330		130 U		120 U		430000		6000		26000		150
1.3 U		.34 J		.13 U		.12 U		410		6		26		.15
1300 U		460 J		130 U		120 U		560000		8000		33000		160
1300 U		160		130 U		120 U		83000		1400		8700		150
1300 U		170		130 U		120 U		200000		3200		12000		150
640 U		640 U		650 U		620 U		14000 U		6600 U		13000 U		750
640 U		650 U		650 U		620 U		14000 U		6600 U		13000 U		750
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
320 UJ		320 UJ		320 UJ		310 UJ		6900 UJ		3300 UJ		6700 UJ		370
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
320 UJ		320 UJ		320 UJ		310 UJ		6900 UJ		3300 UJ		6700 UJ		370
130 U		130 U		130 U		120 U		5600 U		1300 U		2700 U		150
320 U		320 U		320 U		310 U		6900 U		3300 U		6700 U		370
320 U		320 U		320 U		310 U		150000		3300 U		6700 U		370
320 U		320 U		320 U		310 U		6900 U		3300 U		6700 U		370
640 UJ		640 UJ		650 UJ		620 UJ		14000 UJ		6600 UJ		13000 UJ		750
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
320 U		320 U		320 U		310 U		6900 U		3300 U		6700 U		370
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
1100		410		130 U		120 U		91000		6400		30000		180
320 U		320 U		320 U		310 U		14000 U		3300 U		6700 U		370
3200 UJ		320 UJ		320 UJ		310 UJ		69000 UJ		3300 UJ		6700 UJ		370
1300 U		130 U		130 U		120 U		28000		1300 U		3200		150
170		130 U		130 U		120 U		96000		1300 U		2700 U		150
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
640 UJ		640 UJ		650 UJ		620 UJ		14000 UJ		6600 UJ		13000 UJ		750
320 U		320 U		320 U		310 U		6900 U		3300 U		6700 U		370
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150
130 U		130 U		130 U		120 U		2800 U		1300 U		2700 U		150

640 UJ	640 UJ	650 UJ	620 UJ	28000 UJ	6600 UJ	13000 UJ	750
640 UJ	640 UJ	650 UJ	620 UJ	14000 UJ	6600 UJ	13000 UJ	750
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
3000	800 J	130 U	120 U	1000000	15000	52000	320
220	130 U	130 U	120 U	150000	1300 U	2700	150
130 U	130 U	130 U	120 U	5600 U	1300 U	2700 U	150
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
130 UJ	130 UJ	130 UJ	120 UJ	2800 UJ	1300 UJ	2700 UJ	150
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
1300 U	170	130 U	120 U	120000	1800	11000	150
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
130 U	130 U	130 U	120 U	31000	1300 U	2700 U	150
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370
130 U	130 U	130 U	120 U	100000	1300 U	2700 U	150
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370
640 U	640 U	650 U	620 U	14000 U	6600 U	13000 U	750
130 UJ	130 UJ	130 UJ	120 UJ	2800 UJ	1300 UJ	2700 UJ	150
320 UJ	320 UJ	320 UJ	310 UJ	6900 UJ	3300 UJ	6700 UJ	370
640 U	640 U	650 U	620 U	14000 U	6600 U	13000 U	750
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370
130 U	130 U	130 U	120 U	6600 U	1300 U	2700 U	150
650 U	640 U	650 U	620 U	28000 U	6500 U	13000 U	750
2700	590 J	130 U	120 U	950000	11000	35000	250
130 UJ	130 UJ	130 UJ	120 UJ	2800 UJ	1300 UJ	2700 UJ	150
2500	600 J	130 U	120 U	800000	11000	42000	260
130 U	130 U	130 U	120 U	2800 U	1300 U	2700 U	150
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370
320 U	320 U	320 U	310 U	6900 U	3300 U	6700 U	370

Site 16		Site 19		Site 18		Soil Equip		Rinsate SW Equip		Rinsate Field Blank		Trip Blank				
40.419167		40.419817		40.420783		NA		NA		NA		NA				
-91.41635		-91.41555		-91.415983		NA		NA		NA		NA				
0.0100		U	0.0100		U	0.0100		U	NA		U	NA				
0.500		U	0.500		U	0.500		U	0.500		U	0.500		U	NA	
50		U	116			115			50		U	50		U	NA	
50		U	50		U	50		U	50		U	50		U	NA	
25		U	25		U	25		U	25		U	25		U	NA	
200			40			35			10		U	10		U	NA	
3		U	3		U	3		U	3		U	3		U	NA	
3		U	3		U	3		U	3		U	3		U	NA	
83.1			40.2			35.8			2		U	2		U	NA	
15		U	15		U	15		U	15		U	15		U	NA	
10		U	10		U	10		U	10		U	10		U	NA	
5		U	5			5		U	5		U	17			NA	
118			324			273			50		U	50		U	142	NA
50		U	50		U	50		U	50		U	50		U	50	NA
18.2			4.29			3.55			2		U	2		U	2	NA
27			88			98			5		U	5		U	5	NA
15		U	43			20			15		U	15		U	15	NA
20		U	20		U	20		U	20		U	20		U	20	NA
15.1			3.54			3.06			2		U	2		U	2	NA
50		U	50		U	50		U	50		U	50		U	50	NA
25		U	25		U	25		U	25		U	25		U	25	NA
51.0			19.1			16.5			5		U	5		U	5	NA
50		U	50		U	50		U	50		U	50		U	50	NA
20		U	20		U	20		U	20		U	20		U	20	NA
10		U	10		U	10		U	10		U	10		U	10	NA
25		U	25		U	25		U	25		U	25		U	25	NA
2		U	2		U	2		U	2		U	2		U	2	NA
2		U	2		U	2		U	2		U	2		U	2	NA

2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
10 UJ	10 U	10 U	10 U	10 U	10 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 U	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 U	5 U	5 U	5 U	5 U	5 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 UJ	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
10 UJ	10 U	10 U	10 U	10 U	10 UJ	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 U	5 U	5 U	5 U	5 U	5 U	NA
5 U	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
10 U	10 U	10 U	10 U	10 U	10 UJ	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 UJ	2 U	2 U	2 U	2 U	2 U	NA

2 U	2 U	2 U	2 U	2 U	2 U	NA
10 UJ	10 U	10 U	10 U	10 U	10 U	NA
10 UJ	10 U	10 U	10 U	10 U	10 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 U	5 U	5 U	5 UJ	5 U	5 U	NA
5 UJ	5 UJ	5 UJ	5 U	5 UJ	5 UJ	NA
10 UJ	10 U	10 U	10 U	10 U	10 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
10 UJ	10 U	10 U	10 U	10 U	10 U	NA
5 U	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 UJ	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
2 U	2 U	2 U	2 U	2 U	2 U	NA
5 UJ	5 U	5 U	5 U	5 U	5 U	NA
5 UJ	5 U	5 U	5	5 U	5 U	NA

[illegible]

1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U
4.0 UJ	4.0 UJ	4.0 UJ	NA	4.0 UJ	NA	4.0 UJ
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
4.0 U	4.0 U	4.0 U	NA	4.0 U	NA	4.0 U
2.0 U	2.0 U	2.0 U	NA	2.0 U	NA	2.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U
2.0 U	2.0 U	2.0 U	NA	2.0 U	NA	2.0 U
1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U

ORT. FD = FIELD DUPLICATE. NA = NOT ANALYZED.

	Site 006 0-2'		Site 006 2-4'		Site 004 0-2'		Site 004 2-4'		Site 003 0-2'		Site 003 2-4'		Site 005 0-2'		Site 005 2-4'	
	40.4199		40.4199		40.419883		40.419883		40.420333		40.420333		40.42		40.42	
	-91.421883		-91.421883		-91.42255		-91.42255		-91.422067		-91.422067		-91.421717		-91.421717	
	3.21		18.3		0.0578		0.0361		0.150		0.0493		0.161		0.412	
	12000		15000		14500		14000		23900		19200		3330		7150	
	28.6		4.1		3.6		3.8		4.8		4.7		3.7 J		8.3	
U	7.9		6.1		8.7		6.0		6.3 U		10.6		6.9 J		8.3	
	948		183		165		177		168		253		59.7 J		457	
U	1.0	U	1.2	U	1.1	U	1.2	U	1.3	U	1.2	U	1.1	U	1.1	U
U	5.3		1.2	U	1.1	U	1.7		1.3	U	1.2	U	3.7		5.6	
	4010		4220		17000		49500		11300		4100		103000		94000	
	15.3		18.0		18.7		19.6		25.6		22.2		19.5		18.1	
	15.6		5.8		8.7		4.5		4.6		9.1		4.3		6.1	
	38.4		21.0		17.1		22.6		14.6		19.6		104 J		45.2	
	20100		18300		20600		18300		22400		28500		11400		11200	
U	1680		180		12.6		41.4		26.5		6.0		241		1370	
	2130		2430		4510		4800		3800		4760		13100 J		3510	
	1410		281		650		404		386		542		305		702	
U	2.1	U	2.3	U	2.2	U	2.4	U	2.5	U	2.4	U	2.1	U	2.2	U
	16.5		10.8		21.2		17.1		17.5		25.6		24.6		19.8	
	890		867		1140		1180		1200		1370		426		639	
U	10.4	U	11.7	U	10.8	U	11.8	U	12.5	U	12.0	U	10.5	UJ	11.0	U
U	2.1	U	2.3	U	2.2	U	2.4	U	2.5	U	2.4	U	2.1	U	2.2	U
	155		257		219		187		215		298		142		268	
U	10.4	U	11.7	U	10.8	U	11.8	U	12.5	U	12.0	U	10.5	UJ	11.0	U
	36.7		42.6		35.7		34.8		35.5		42.7		9.5		25.6	
	1460		379		157		323		132		71.8		176 J		422	
	92.1		83.8		90.5		80.8		79.1		83.1		95.0		90.6	
U	1300	U	140	U	7400		150		1400	U	140	U	2100		3600	J
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	150	
U	1300	U	140	U	15000		470		1900		140	U	4800		14000	J

	3000		140 U	31000		1700		8700		140 U	19000		36000 J
U	2.8		.14 U	27		1.7		7.7		.14 U	20		30 J
	2800		140 U	38000		2500		8800		140 U	30000		38000 J
U	1600		140 U	6900		670		2600		140 U	5300		8300 J
U	1300 U		140 U	13000		910		2300		140 U	10000		15000 J
U	6400 U		690 U	6800 U		690 U		7200 U		680 U	6100 U		680 U
U	6500 U		690 U	6800 U		690 U		7200 U		680 U	6100 U		680 U
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
UJ	3200 UJ		340 UJ	3400 UJ		350 UJ		3600 UJ		340 UJ	3100 UJ		340 UJ
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
UJ	3200 UJ		340 U	3400 U		350 U		3600 U		340 U	3100 U		1700 UJ
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
U	3200 U		340 U	3400 U		350 U		3600 U		340 U	3100 U		1700 UJ
U	3200 U		340 U	10000		350 U		3600 U		340 U	3100 U		4400 J
U	3200 U		340 U	3400 U		350 U		3600 U		340 U	3100 U		340 U
UJ	6400 UJ		690 U	6800 U		690 U		7200 U		680 U	6100 U		680 UJ
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
U	3200 U		340 U	3400 U		350 U		3600 U		340 U	3100 U		340 U
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
	6000		140 U	31000		2000		16000		170	21000		38000 J
U	3200 U		340 U	3400 U		350 U		3600 U		340 U	3100 U		340 UJ
UJ	3200 UJ		340 UJ	3400 UJ		350 UJ		3600 UJ		340 UJ	3100 UJ		17000 UJ
U	1300 U		140 U	2700		140 U		1600		140 U	2000		6700 U
U	1300 U		140 U	3600		140 U		1400 U		140 U	1200 U		2700 J
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
UJ	6400 UJ		690 UJ	6800 UJ		690 UJ		7200 UJ		680 UJ	6100 UJ		3400 UJ
U	3200 U		340 U	3400 U		350 U		3600 U		340 U	3100 U		340 U
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 UJ
U	1300 U		140 U	1400 U		140 U		1400 U		140 U	1200 U		140 U

UJ	6400	UJ	690	UJ	6800	UJ	690	UJ	7200	UJ	680	UJ	6100	UJ	680	UJ
UJ	6400	UJ	690	UJ	6800	UJ	690	UJ	7200	UJ	680	UJ	6100	UJ	680	UJ
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
	1600		140	U	65000	J	4000		7500		140	U	38000		71000	J
U	1300	U	140	U	7200		170		1400	U	140	U	1800		4500	J
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
UJ	1300	UJ	140	UJ	1400	UJ	140	UJ	1400	UJ	140	UJ	1200	UJ	140	UJ
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
U	1300	U	140	U	9600		800		2300		140	U	6700		8800	J
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
U	1300	U	140	U	1400	U	140	U	5500		140	U	1200	U	1800	J
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	UJ
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	U
U	1300	U	140	U	2600		140	U	2900		140	U	1200	U	2000	J
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	U
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	UJ
U	6400	U	690	U	6800	U	690	U	7200	U	680	U	6100	U	680	U
UJ	1300	UJ	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
UJ	3200	UJ	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	U
U	6400	U	690	U	6800	U	690	U	7200	U	680	U	6100	U	680	U
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	U
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
U	6500	U	690	U	6800	U	690	U	7200	U	680	U	6100	U	680	U
	6500		140	U	51000		2000		27000		230		22000		61000	J
UJ	1300	UJ	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
	4100		140	U	55000		3400		14000		160		31000		57000	J
U	1300	U	140	U	1400	U	140	U	1400	U	140	U	1200	U	140	U
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	U
U	3200	U	340	U	3400	U	350	U	3600	U	340	U	3100	U	340	U





Site 009 0-2' FD	Site 009 0-2'	Site 009 2-4' FD	Site 009 2-4'	Site 014 0-2'	Site 014 2-4'	Site 013 0-2'	Site 013 2-4'
40.420217	40.420217	40.420217	40.420217	40.419883	40.419883	40.418633	40.418633
-91.420917	-91.420917	-91.420917	-91.420917	-91.4199	-91.4199	-91.420533	-91.420533
0.132	0.101	0.465	0.441	0.434	0.0657	0.0479	0.0925
3700	2990	14800	15600	7540	5020	18400	20800
2.1 U	3.5	7.7	4.9	24.7	3.4	4.8	3.6
6.0	5.2 U	8.5	13.6	5.5 U	5.7 U	14.8	5.7
51.8	41.8	194	215	324	51.3	246	347
1.1 U	1.0 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1
6.1	3.6	17.5	28.9	5.2	1.5	4.4	3.5
73700	65700	14700	17000	142000	84100	4200	7390
10.0	10.3	18.8	18.3	97.7	21.0	24.2	23.9
2.9	3.0	7.3	11.1	3.7	2.1	6.0	4.8
23.7	23.1	31.5	31.6	55.9	26.9	20.6	15.7
9560	8800	16700	20100	15300	6620	24300	20300
414	278	1260	1060	1150	173	6.9	28.2
15000	16500	5200	6280	6310	911	4460	4280
250	221	533	1200	195	80.4	317	212
81.5	36.3	2.4 U	2.3 U	7.5	2.3 U	2.3 U	2.2
9.8	9.4	14.8	20.6	20.8	8.9	22.8	18.1
306	299	815	821	717	342	981	1070
10.5 U	10.5 U	11.8 U	11.3 U	11.0 U	11.4 U	11.5 U	11.1
2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	2.3 U	2.2
104	106	114	119	146	146	305	267
10.5 U	10.5 U	11.8 U	11.3 U	11.0 U	11.4 U	11.5 U	11.1
9.7	10.8	28.7	26.4	288	106	34.9	25.4
298	181	1520	2140	257	111	60.9	56.8
94.7	95.1	83.0	85.5	90.8	87.3	85.1	82.0
2100	5200	1500 U	2100	4300	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3600	11000	1500 U	4200	12000	2600	530	150

11000	25000	1500 U	6800	28000	12000	2000	150
12	24	1.5	6.9	28	19	2.3	.15
18000	35000	1600	8800	37000	16000	2400	150
3400	6800	1400	1900	7200	12000	810	150
6800	13000	1500 U	3300	14000	3800	840	150
6400 U	6500 U	7400 U	1300 U	6600 U	7100 U	1400 U	730
6400 U	6500 U	7400 U	1300 U	6600 U	7100 U	1500 U	730
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3200 UJ	3300 UJ	3700 UJ	640 UJ	3300 UJ	3500 UJ	720 UJ	370
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 U	720 U	370
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 U	720 U	370
3200 U	5400	3700 U	1300	4800	3500 U	720 U	370
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
6400 UJ	6500 UJ	7400 UJ	1300 UJ	6600 UJ	7100 UJ	1400 UJ	730
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
13000	27000	1500	6400	30000	22000	2700	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 U	720 U	370
3200 UJ	3300 UJ	3700 UJ	640 UJ	3300 UJ	7100 UJ	720 UJ	370
1300 U	2500	1500 U	580	2900	5000	360	150
1900	3400	1500 U	1100	4600	1900	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
6400 UJ	6500 UJ	7400 UJ	1300 UJ	6600 UJ	7100 UJ	1400 UJ	730
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 UJ	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150

6400 UJ	6500 UJ	7400 UJ	1300 UJ	6600 UJ	7100 UJ	1400 UJ	730
6400 UJ	6500 UJ	7400 UJ	1300 UJ	6600 UJ	7100 UJ	1400 UJ	730
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
22000	28000	2200	21000	47000	7300	2900	150
1300 U	4800	1500 U	2100	4200	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
1300 UJ	1300 UJ	1500 UJ	260 UJ	1300 UJ	1400 UJ	290 UJ	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
4400	9100	1500 U	2200	7700	4200	710	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
4700	1600	1500 U	510	3800	2800	350	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
1300 U	2100	1500 U	350	4900	4100	510	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 U	720 U	370
3200 U	3300 U	3700 U	640 U	3300 U	3500 U	720 U	370
6400 U	6500 U	7400 U	1300 U	13000	8700	1400 U	730
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
6400 U	6500 U	7400 U	1300 U	6600 U	7100 UJ	1400 U	730
3200 U	3300 U	3700 U	640 U	3300 U	3500 U	720 U	370
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
6400 U	6500 U	7400 U	1300 U	6600 U	7100 UJ	1500 U	730
17000	21000	1700	19000	44000	13000	2800	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 UJ	290 U	150
19000	42000	2000	17000	44000	12000	3000	150
1300 U	1300 U	1500 U	260 U	1300 U	1400 U	290 U	150
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370
3200 U	3300 U	3700 U	640 U	3300 U	3500 UJ	720 U	370





	Site 16 FD		Site 16		Site 19		Site 18		Site 17	
	40.419167		40.419167		40.419817		40.420783		40.420767	
	-91.41635		-91.41635		-91.41555		-91.415983		-91.416	
	0.0394		0.0395		0.0109		0.0212		0.0198	
	9730		10200		3550		7370		5920	
	2.4 U		2.4 U		2.4 U		2.8 U		2.1 U	
	6.1		6.0		12.5		7.1 U		7.1	
	85.2		86.3		96.7		102		72.9	
U	1.2 U		1.2 U		1.2 U		1.4 U		1.1 U	
	2.4		2.6		3.7		2.6		2.4	
	8540		8940		28600		18800		16900	
	14.0		14.8		14.3		18.5		17.4	
	6.9		7.5		12.7		6.8		6.6	
	9.3		8.8		10.7		11.9		9.9	
	12700		12100		18900		16100		14100	
	14.6		17.7		31.4		24.9		18.5	
	1620		1630		2210		2890		1600	
	523		511		1160		603		636	
U	2.4 U		2.4 U		2.4 U		2.8 U		2.1 U	
	8.8		8.6		9.6		9.4		7.8	
	1260		1260		309		550		423	
U	11.9 U		11.8 U		11.9 U		14.2 U		10.7 U	
U	2.4 U		2.4 U		2.4 U		2.8 U		2.1 U	
	59.4 U		59.1 U		59.5 U		70.9 U		53.4 U	
U	11.9 U		11.8 U		11.9 U		14.2 U		10.7 U	
	20.7		21.0		28.5		24.1		20.3	
	64.4		62.8		56.4		58.9		35.8	
	83.7		83.7		79.2		66.5		91.6	
U	260 U		280 U		400		320 U		260 U	
U	260 U		280 UJ		270 U		320 U		260 U	
U	260 U		280 UJ		720		320 U		260 U	

U	370	540 J	1900	320 U	260 U
U	.39	.53	1.9	.32 U	.26 U
U	300	430	1700	320 U	260 U
U	310	370	1200	320 U	260 U
U	260 U	320	1200	320 U	260 U
U	1300 UJ	1400 UJ	1300 UJ	1600 UJ	1300 UJ
U	660 U	690 U	670 U	810 U	650 U
U	260 U	280 UJ	270 U	320 U	260 U
UJ	260 U	280 UJ	270 U	320 U	260 U
U	260 U	280 UJ	270 U	320 U	260 U
U	660 U	690 UJ	670 U	810 U	650 U
U	260 U	280 UJ	270 U	320 U	260 U
U	660 U	690 UJ	670 U	810 U	650 U
U	660 U	690 U	670 U	810 U	650 U
U	660 U	690 UJ	670 U	810 U	650 U
UJ	1300 U	1400 UJ	1300 U	1600 U	1300 U
U	260 U	280 UJ	270 U	320 U	260 U
U	660 U	690 UJ	670 U	810 U	650 U
U	260 U	280 UJ	270 U	320 U	260 U
U	560	730	2200	320 U	260 U
U	660 U	690 UJ	670 U	810 U	650 U
UJ	660 U	690 UJ	670 U	810 U	650 U
U	660 U	690 UJ	690 U	810 U	650 U
U	260 U	280 UJ	270 U	320 U	260 U
U	260 U	280 UJ	270 U	320 U	260 U
U	260 U	280 UJ	270 U	320 U	260 U
U	260 U	280 UJ	270 U	320 U	260 U
UJ	1300 U	1400 UJ	1300 U	1600 U	1300 U
U	660 U	690 U	670 U	810 U	650 U
U	260 U	280 UJ	270 U	320 U	260 U
U	260 U	280 UJ	270 U	320 U	260 U
U	260 U	280 UJ	270 U	320 U	260 U

UJ	1300	U	1400	UJ	1300	U	1600	U	1300	U
UJ	1300	UJ	1400	UJ	1300	UJ	1600	UJ	1300	UJ
U	260	U	280	UJ	270	U	320	U	260	U
U	260	U	280	UJ	270	U	320	U	260	U
U	390		710	J	3600		370		260	U
U	260	U	280	U	340		320	U	260	U
U	260	U	280	UJ	270	U	320	U	260	U
U	260	U	280	UJ	270	U	320	U	260	U
UJ	260	U	280	UJ	270	U	320	U	260	U
U	260	U	280	UJ	270	U	320	U	260	U
U	700		790		1600		810	U	650	U
U	260	U	280	UJ	270	U	320	U	260	U
U	260	U	280	UJ	270	U	320	U	260	U
U	660	U	690	UJ	670	U	810	U	650	U
U	660	U	690	UJ	670	U	810	U	650	U
U	260	U	280	UJ	270	U	320	U	260	U
U	660	U	690	UJ	670	U	810	U	650	U
U	660	U	690	UJ	670	U	810	U	650	U
U	1300	U	1400	UJ	1300	U	1600	U	1300	U
U	260	U	280	UJ	270	U	320	U	260	U
U	660	U	690	UJ	670	U	810	U	650	U
U	1300	U	1400	U	1300	U	1600	U	1300	U
U	660	U	690	U	670	U	810	U	650	U
U	260	U	280	UJ	270	U	320	U	260	U
U	660	U	690	UJ	670	U	810	U	650	U
U	580		730	J	3000		390		260	U
U	260	U	280	UJ	270	U	320	U	260	U
U	610		920	J	3600		380		260	U
U	260	U	280	UJ	270	U	320	U	260	U
U	660	U	690	UJ	670	U	810	U	650	U
U	660	U	690	UJ	670	U	810	U	650	U





