ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1
Parameter	Trigger		Jun-91		Sep-93		May-94		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97
Conductivity	1225		1000		310		44		170		980		475		522		511		459		437		410		564		632
Eh	582				181		-194		-153		-183		272		290		203		313		244		157		219		249
Field pH	6.1 to 9.1				7.66		7.05		6.36		8.5		7.6		7.6		7.6		7.6		7.7		7.7		7.6		7.7
Temperature																											
Turbidity	41		465		3		2.61				8		13		25		13		11		12		7		18		14
Water Level																											
Bromide	1.5						0.66	<	0.1	<	0.1	<	1	<	1	<	0.1	<	1	<	0.1	<	1	<	1	<	1
Aluminum	116		4640			<	100	<	57		26.5						255	<	80.9								
Antimony	39	<	60			<	5	<	38	<	38					<	29	<	29								
Arsenic	8	<	10				9	<	5	<	5						5.6	<	5.5								
Barium	133		212				67		69.2		79.7						72		78								
Beryllium	2	<	5			<	3	<	2	<	1					<	0.9	<	0.9								
Cadmium	5	<	5	<	5	<	5	<	2	<	2	<	2.9	<	2.1		4.5	<	2.1	<	3.1		3.5		4.2	<	2.3
Calcium	110000		67000		48000		35800		40300		46800		48800		57700		56400		44000		43300		41700		49400		49700
Chromium	51		67			<	20	<	5		6.5						5.7	<	5.3								
Cobalt	18					<	25	<	6	<	7					<	11.4	<	11.4								
Copper	19	<	25			<	25	<	5	<	4						155		16.4								
Hardness, Total (mg/l CaCO3)	mg/l		340		224		192		189		227		183		283		283		NA		NA				256		546
Iron	1200		9820	<	25		295		198		183		573		2450		605		343		117		374		802		802
Lead	4		18	<	3	<	3	<	3	<	3	<	2.5		2.6	<	1.3	<	0.6	<	2.3	<	2.3	<	2.4	<	1
Magnesium	52000		42000		25300		24900		28000		30900		31700		33800		34500		29700		31400		29900		32300		31900
Manganese	348		707	<	25		203		232		228		300		180		184		80.5		24.1		53.2		155		33.2
Mercury	0	<	0.2			<	0.2	<	0.2	<	0.2					<	0.2	<	0.2								
Nickel	24	<	40			<	25	<	26	<	27					<	14.4		56.3								
Potassium	10000		6000		1800		5400		5230		6130		3470		1740		4090	<	640		3000		2570		3640		3920
Selenium	4	<	5			<	5	<	5	<	5					<	2.8	<	2.8								
Silver	7	<	10			<	10	<	5	<	6					<	5.7	<	5.7								
Sodium	26000		8400		4600		11400		12900		13400		13400		12400		13900		13000		14000		17400		13600		13100
Thallium	5	<	10			<	5	<	5	<	5					<	4	<	4								
Vanadium	148					<	25	<	17	<	15					<	8.3	<	8.3								
Zinc	49		44			<	25	<	5	<	5						94.2		188								
Boron	276	<	100				103		145		126						169		119								
Alkalinity, Total (As CaCO3)	380		204		214		196		175		236		225		235		230		216		220		215		235		230
Biochemical Oxygen Demand	7.9	<	3					<	3		10	<	2	<	2	<	2		2	<	2	<	2	<	2	<	2
Chemical Oxygen Demand	42.6	<	5	<	5		13.3		5		7		19.5		8.4	<	5	<	5	<	5	<	5	<	5		7.5
Chloride	19	<	5		2.25		2.52		2	<	1		3.5		7.71		6.1		3.5		3.02		3.3		4.9		5.5
Color	78	>	70			<	8		20	<	10					<	5		10								
Cyanide	0.009					<	0.002	<	0.01	<	0.01					<	0.01	<	0.01								
Hexavalent chromium	0.027	<	0.025			<	0.015		0.01		0.03					<	0.02	<	0.02								
Nitrogen, Ammonia (As N)	0.9	<	1	<	1	<	1		0.09		0.07	<	0.1	<	0.1		0.111	<	0.1		0.163	<	0.1		0.14		0.13
Nitrogen, Kjeldahl, Total	2.2	<	1			<	1		0.4		0.3		1.68	<	1	<	1	<	1	<	1		1.4	<	1	<	1
Nitrogen, Nitrate (As N)	0.4	<	0.2		0.42	<	0.2		0.05		0.09		0.062		0.272		0.118		0.17		0.14		0.1		0.09		0.21
Organic Carbon, Total	30.2	<	1		16		23		2		4.6		2.8	<	1		2.6	<	1	<	1		1.5		3.7	<	1
Phenolics, Total Recoverable	0.062		0.004		0.00409	<	0.002	<	0.00001	<	0.00001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
Residue, Dissolved (TDS)	568		248		312		448		240		274		288		290		253		245		240		242		262		272
Sulfate	119		30		23.6		23.2		28		29		29.5		34.6		35		32		33.7		35		36		34

ENVIRONMENTAL MONITORING
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FRANKLIN COUNTY LANDFILL

	Bedrock		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1		MW - 1
Parameter	Trigger		Jun-91		Sep-93		May-94		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97
1,1,1,2-Tetrachloroethane	5																										
1,1,1-Trichloroethane	5																										
1,1,2,2-Tetrachloroethane	5																										
1,1,2-Trichloroethane	1							29		160																	
1,1-Dichloroethane	5																										
1,1-Dichloroethene	5																										
1,2,3-Trichloropropane	0.04																										
1,2-Dibromo-3-chloropropane	0.4																										
1,2-Dibromoethane	5																										
1,2-Dichlorobenzene	3																										
1,2-Dichloroethane	0.6																										
1,2-Dichloropropane	1																										
1,3-Dichlorobenzene	3																										
1,4-Dichlorobenzene	3																										
2-Butanone	NA						1340		9500		6300																
2-Hexanone	NA																										
4-Methyl-2-pentanone	NA																										
Acetone	NA																										
Acrylonitrile	5																										
Benzene	1																										
Bromochloromethane	5																										
Bromodichloromethane	5																										
Bromoform	NA																										
Bromomethane	5																										
Carbon disulfide	NA																										
Carbon tetrachloride	5																										
Chlorobenzene	5																										
Chloroethane	5																										
Chloroform	7																										
Chloromethane	5																										
Dibromochloromethane	5																										
Dibromomethane	5																										
Ethylbenzene	5																										
Iodomethane	5																										
Methylene chloride	5																										
Styrene	NA																										
Tetrachloroethene	2																										
Toluene	5																										
Trichloroethene	5																										
Trichlorofluoromethane	0.4																										
Vinyl acetate	5																										
Vinyl chloride	2																										
cis-1,2-Dichloroethene	NA																										
cis-1,3-Dichloropropene	5																										
m,p-Xylene	5																										
o-Xylene	5																										
trans-1,2-Dichloroethene	0.4																										
trans-1,3-Dichloropropene	5																										
trans-1,4-Dichloro-2-butene	5																										

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock	MW - 1	MW - 1	MW - 1	MW - 1	MW - 1	MW - 1	MW - 1	MW-1D	MW-1D	MW-1D		MW-1D		MW-1D		MW-1D		MW-1D			MW-1D
Parameter	Trigger	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99		Nov-99		Feb-00		May-00		Aug-00		Nov-00			Feb-01
Conductivity	1225	464	533	605	638	644	621	571	666	633	617		620		642		606		613		591			6.04
Eh	582	229.1	221.5	196.5	201.3	293	272.4	256.6	251	226.3	288.1		230.6		311.1		228.3		126.7		166			210.7
Field pH	6.1 to 9.1	7.78	7.73	8.04	7.92	7.24	7.68	7.78	7.86	8.23	7.82		7.88		7.77		7.79		7.7		7.71			7.76
Temperature						8	10.6	9.7	7.5		11.5		10.2		7.9		8		11.3		8.4			6.7
Turbidity	41	4.3	12.2	31	9.25	7.1	4.5	6.2	12	15.85	8.65		13.5		8.25		3.25		7.5		13.5			7.75
Water Level						7.92	10.9	9.95			8.8		10.45		11.93		9.9		10.75		7.56			10.62
Bromide	1.5	u	u	u	U	U	U	U	U	U	1	U	1	U	1	U	1	U	1	U	1.67		U	1
Aluminum	116	83					U						87		75	U								
Antimony	39	u					U						50	U	50	U								
Arsenic	8	u					U						2	U	2	U								
Barium	133	73					69						79		76									
Beryllium	2	u					U						2	U	2	U								
Cadmium	5	u	u	u	U	U	U	5	U	U	5	U	5	U	5	U	5	U	5	U	5	U	U	5
Calcium	110000	40600	45300	40200	48700	51200	47100	48200	50500	57900	55200		49600		62300		58400		56600		55300			59100
Chromium	51	u					U						10	U	10	U								
Cobalt	18	u					U						10	U	10	U								
Copper	19	u					U						17	U	17	U								
Hardness, Total (mg/l CaCO3)	mg/l	219	234	205	247	253	238	243	274	265	272		248		296		276		270		266			278
Iron	1200	209	123	373	109	118	59	85	127	89	27	U	125		70		40	U	756		378			101
Lead	4	2	9	4	1	1	4	2	5	2	2		4		2		2		2		2		U	1
Magnesium	52000	28600	29300	25400	30500	30400	29300	29800	29300	32900	32500		30100		34100		31500		31300		31000			31600
Manganese	348	29	49	273	17	19	10	U	12	6	5	U	14		5	U	5	U	342		320			51
Mercury	0	u					U						0.2	U	0.2	U								
Nickel	24	u					U						12	U	12	U								
Potassium	10000	7020	5930	4650	5480	4950	5330	5040	4590	5140	5940		6320		4960		3940		5270		5140			4110
Selenium	4	u					U						2	U	2	U								
Silver	7	u					U						10	U	10	U								
Sodium	26000	13000	11300	10400	13400	13300	13100	13600	13000	14800	15100		14800		13600		12700		13600		13600			12700
Thallium	5	u					U						1	U	1	U								
Vanadium	148	u					U						10	U	10	U								
Zinc	49	24					U						31		20	U								
Boron	276	107					111						148		98									
Alkalinity, Total (As CaCO3)	380	224	218	231	238	227	231	237	228	227	237		246		253		242		229		235			244
Biochemical Oxygen Demand	7.9	u	u	u	U	U	U	U	U	U	3		3	U	3	U	3	U	3	U	3	U		3
Chemical Oxygen Demand	42.6	u	u	u	U	U	U	U	U	U	5	U	10	U	10	U	10	U	15.5		10	U	U	10
Chloride	19	4.12	7.18	10.8	19	29.9	21.8	23	28.7	33.5	29.4		27.4		31.7		30.4		23.7		20.5			23
Color	78	10					U						5	U	10									
Cyanide	0.009	u					U						0.01	U	0.01	U								
Hexavalent chromium	0.027	u					U						0.01	U	0.01	U								
Nitrogen, Ammonia (As N)	0.9	u	u	u	U	U	U	U	U	0.129	0.068		0.1	U	0.1	U	0.1	U	0.619		0.409		U	0.1
Nitrogen, Kjeldahl, Total	2.2	u	u	1.52	2.21	U	U	U	U	U	1.3		2.26		1.23		1	U	1.9		2.91		U	1
Nitrogen, Nitrate (As N)	0.4	0.131	0.094	0.217	0.216	0.206	0.177	0.126	0.119	0.171	0.197		0.05	U	0.114		0.372		0.05	U	0.05	U		0.419
Organic Carbon, Total	30.2	0.9	0.8	1.2	1.5	U	2.9	U	U	1.8	1	U	1.6		1		1.6		2.3		1.5			1.1
Phenolics, Total Recoverable	0.062	0.004	u	u	U	U	0.03	U	U	U	0.001	U	0.005	U	0.004	U	0.004	U	0.0258		0.004		U	0.004
Residue, Dissolved (TDS)	568	277	257	270	201	330	318	336	328	377	336		330		355		363		326		291			328
Sulfate	119	34	32	67	40	52	44	44	43	52	49		58		62		54		43		44			48

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock	MW - 1	MW - 1	MW - 1	MW - 1	MW - 1	MW - 1	MW - 1	MW-1D	MW-1D	MW-1D		MW-1D		MW-1D		MW-1D		MW-1D				MW-1D
Parameter	Trigger	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99		Nov-99		Feb-00		May-00		Aug-00		Nov-00				Feb-01
1,1,1,2-Tetrachloroethane	5														5	U								
1,1,1-Trichloroethane	5														5	U								
1,1,2,2-Tetrachloroethane	5														5	U								
1,1,2-Trichloroethane	1														5	U								
1,1-Dichloroethane	5														5	U								
1,1-Dichloroethene	5														5	U								
1,2,3-Trichloropropane	0.04														5	U								
1,2-Dibromo-3-chloropropane	0.4														5	U								
1,2-Dibromoethane	5														5	U								
1,2-Dichlorobenzene	3														2	U								
1,2-Dichloroethane	0.6														5	U								
1,2-Dichloropropane	1														5	U								
1,3-Dichlorobenzene	3																							
1,4-Dichlorobenzene	3														2	U								
2-Butanone	NA																							
2-Hexanone	NA														10	U								
4-Methyl-2-pentanone	NA																							
Acetone	NA														25	U								
Acrylonitrile	5														20	U								
Benzene	1												NA		0.7	U								
Bromochloromethane	5												NA		5	U								
Bromodichloromethane	5												NA		5	U								
Bromoform	NA												NA		5	U								
Bromomethane	5														5	U								
Carbon disulfide	NA														5	U								
Carbon tetrachloride	5														5	U								
Chlorobenzene	5														5	U								
Chloroethane	5														5	U								
Chloroform	7														5	U								
Chloromethane	5														5	U								
Dibromochloromethane	5														5	U								
Dibromomethane	5														5	U								
Ethylbenzene	5														5	U								
Iodomethane	5														5	U								
Methylene chloride	5														5	U								
Styrene	NA														5	U								
Tetrachloroethene	2														5	U								
Toluene	5														5	U								
Trichloroethene	5														5	U								
Trichlorofluoromethane	0.4														5	U								
Vinyl acetate	5														5	U								
Vinyl chloride	2														2	U								
cis-1,2-Dichloroethene	NA														5	U								
cis-1,3-Dichloropropene	5														5	U								
m,p-Xylene	5														5	U								
o-Xylene	5														5	U								
trans-1,2-Dichloroethene	0.4														5	U								
trans-1,3-Dichloropropene	5														5	U								
trans-1,4-Dichloro-2-butene	5														5	U								

ENVIRONMENTAL MONITORING
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FRANKLIN COUNTY LANDFILL

	Bedrock		MW-1D		MW-1D		MW-1D		MW - 1D		MW - 1D		MW - 1D		MW - 1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03		Feb-04		May-04
Conductivity	1225		602		578		439		299		409		743		449		630		670		571		598		582		409
Eh	582		150.6		81		80	-	98		78		84		40		45		76		45		40		30		30
Field pH	6.1 to 9.1		7.76		7.94		8.44		7.96		7.8		7.8		7.71	-	7.85		8.26		8.13		7.81		7.54		6.49
Temperature			8.1		21		12		7.4		8.7		14		11		5		9		14		10		6		9
Turbidity	41		7.5		2		2		3		2		1		3		10		1		7		1		3		5
Water Level			9.6		7.98		8.99		11.15		9.23		11.48		9.62		9.8		8.01		9.13		8.4		9.91		8.63
Bromide	1.5	U	1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	116	U	75									<	100			<						<	100		117		
Antimony	39	U	50									<	15									<	15		17.3		
Arsenic	8	U	2									<	10									<	10	<	10		
Barium	133		66										67.3										78		74.5		
Beryllium	2	U	2									<	3									<	3	<	3		
Cadmium	5	U	5	<	5	<	5	<	5	<	5	<	5	<	5		5	<	5	<	5	<	5	<	5	<	5
Calcium	110000		60700		53100		49700		53400		52600		52200		49000	<	62700		64400		52600		53500		46100		56900
Chromium	51	U	10									<	5									<	5	<	5		
Cobalt	18	U	10									<	20									<	20	<	20		
Copper	19	U	17									<	10									<	10		10.9		
Hardness, Total (mg/l CaCO3)	mg/l		281		252		241		258		246		250		240		290		465		260		270		240		290
Iron	1200		41		108		162		152		160	<	60		145		114		128		77.7		133		71.9		179
Lead	4		4	<	3	<	3	<	3		3.11		3.11	<	3		3	<	3	<	3		3.74		6.84	<	3
Magnesium	52000		31500		29000		28300		30300		27900		29000		27400		33000		33000		30500		32400		30500		36000
Manganese	348		6		10.3		39.8		29.3	<	10	<	10.0		14.6		34	<	10	<	10			<	10	<	10
Mercury	0	U	0.2									<	0.20									<	0.2	<	0.2		
Nickel	24	U	12									<	30									<	30	<	30		
Potassium	10000		3570		4460		3380		4040		3120		3990		3250		4300		4300		4960		5010		5670		5410
Selenium	4	U	2									<	5									<	5	<	5		
Silver	7	UJ	10									<	10									<	10	<	10		
Sodium	26000		10600		12500		10300		10800		9270		10300		9290		11300		10900		11400		13100		11600		13300
Thallium	5	U	1									<	10									<	10		19.8		
Vanadium	148	U	10									<	30									<	30	<	30		
Zinc	49	U	20										40.1										101		42.8		
Boron	276		93									<	0.5									<	0.5	<	0.5		
Alkalinity, Total (As CaCO3)	380		239		230		240		230		110		230		170		260		250		230		230		240		230
Biochemical Oxygen Demand	7.9	U	3	<	4	<	4	<	4	<	4	<	4	<	4		4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6	U	10	<	20	<	20	<	20	<	20	<	20	<	20		20		19		15		20		17		19.5
Chloride	19		21.3		23		19		16		16		12		18		20	<	20	<	20		26	<	20		24
Color	78	U	5										8			<							11		6		
Cyanide	0.009	U	0.01									<	0.01									<	0.01	<	0.01		
Hexavalent chromium	0.027	U	0.01									<	0.01									<	0.01	<	0.01		
Nitrogen, Ammonia (As N)	0.9	U	0.1	<	0.5		0.8	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2	U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.79
Nitrogen, Nitrate (As N)	0.4		0.92		0.6		0.3		0.4		0.9		0.4		0.5		1.2		0.9		0.6	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	30.2	J	1.5		2	<	3	<	3	<	3	<	3	<	3	<	3	<	3		3	<	3	<	3		7
Phenolics, Total Recoverable	0.062	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		344		320		350		330		320		380		340		340		420		370		370		340		385
Sulfate	119		47.2		48		43		49		43		44		47	<	83		93		68		74		61		88

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	Bedrock		MW-1D		MW-1D		MW-1D		MW - 1D		MW - 1D		MW - 1D		MW - 1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03		Feb-04		May-04
1,1,1,2-Tetrachloroethane	5	U	5									<	5									<	5	<	5		
1,1,1-Trichloroethane	5	U	5									<	5									<	5	<	5		
1,1,2,2-Tetrachloroethane	5	U	5									<	5									<	5	<	5		
1,1,2-Trichloroethane	1	U	5									<	5									<	5	<	5		
1,1-Dichloroethane	5	U	5									<	5									<	5	<	5		
1,1-Dichloroethene	5	U	5									<	5									<	5	<	5		
1,2,3-Trichloropropane	0.04	U	5									<	5									<	5	<	5		
1,2-Dibromo-3-chloropropane	0.4	U	5									<	10									<	10	<	10		
1,2-Dibromoethane	5	U	5									<	5									<	5	<	5		
1,2-Dichlorobenzene	3	U	2									<	5									<	5	<	5		
1,2-Dichloroethane	0.6	U	5									<	5									<	5	<	5		
1,2-Dichloropropane	1	U	5									<	5									<	5	<	5		
1,3-Dichlorobenzene	3																										
1,4-Dichlorobenzene	3	U	2									<	5									<	5	<	5		
2-Butanone	NA																					<	10	<	10		
2-Hexanone	NA	U	10									<	10									<	10	<	10		
4-Methyl-2-pentanone	NA																					<	10	<	10		
Acetone	NA	D	25									<	10									<	10	<	10		
Acrylonitrile	5	U	20									<	100									<	100	<	100		
Benzene	1	U	0.7									<	5									<	5	<	5		
Bromochloromethane	5	U	5									<	5									<	5	<	5		
Bromodichloromethane	5	U	5									<	5									<	5	<	5		
Bromoform	NA	U	5									<	5									<	5	<	5		
Bromomethane	5	U	5									<	5									<	5	<	5		
Carbon disulfide	NA	U	5									<	5									<	5	<	5		
Carbon tetrachloride	5	U	5									<	5									<	5	<	5		
Chlorobenzene	5	U	5									<	5									<	5	<	5		
Chloroethane	5	U	5									<	5									<	5	<	5		
Chloroform	7	U	5									<	5									<	5	<	5		
Chloromethane	5	U	5									<	5									<	5	<	5		
Dibromochloromethane	5	U	5									<	5									<	5	<	5		
Dibromomethane	5	U	5									<	5									<	5	<	5		
Ethylbenzene	5	U	5									<	5									<	5	<	5		
Iodomethane	5	U	5									<	5									<	5	<	5		
Methylene chloride	5	U	5									<	5									<	5	<	5		
Styrene	NA	U	5									<	5									<	5	<	5		
Tetrachloroethene	2	U	5									<	5									<	5	<	5		
Toluene	5	U	5									<	5									<	5	<	5		
Trichloroethene	5	U	5									<	5									<	5	<	5		
Trichlorofluoromethane	0.4	U	5									<	5									<	5	<	5		
Vinyl acetate	5	U	5									<	50									<	50	<	50		
Vinyl chloride	2	U	2									<	5									<	5	<	5		
cis-1,2-Dichloroethene	NA	U	5									<	5									<	5	<	5		
cis-1,3-Dichloropropene	5	U	5									<	5									<	5	<	5		
m,p-Xylene	5	U	5									<	5									<	5	<	5		
o-Xylene	5	U	5									<	5									<	5	<	5		
trans-1,2-Dichloroethene	0.4	U	5									<	5									<	5	<	5		
trans-1,3-Dichloropropene	5	U	5									<	5									<	5	<	5		
trans-1,4-Dichloro-2-butene	5	U	5									<	10									<	10	<	10		

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	Bedrock		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07
Conductivity	1225		517		453		474		525		715		704		529		5.91		606		605		567		344		391
Eh	582		45		105		30		20		40		-10		-10		-80		-80		75		34		-118		-170
Field pH	6.1 to 9.1		7.64		8.2		7.75		7.89		8.07		7.75		8.05		8.09		8.42		8.24		8.03		8.11		9.58
Temperature			13		9		5		10		16		6.5		1.7		13.2		17		11.9		11.9		9.8		16.7
Turbidity	41		3		6		3		2		1		4.27		0.44		2.86		2.12		0.68		0.59		6.04		3.94
Water Level			9.85		9.19		8.3		7.93		11.3		7		7.15		7.6		9.36		6.92		8.04		8.02		9.61
Bromide	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		3.9	<	0.2	<	0.2
Aluminum	116								137			<	100					<	100								
Antimony	39							<	15			<	15					<	15								
Arsenic	8							<	10			<	10					<	10								
Barium	133								111				78.2						64.5								
Beryllium	2							<	3			<	3					<	3								
Cadmium	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	110000		56700		70200		70500		79200		69200		72200		66400		58800		62400		69700		68700		52800		58300
Chromium	51								6.48			<	5					<	5								
Cobalt	18							<	20			<	20					<	20								
Copper	19								13.5				11.5					<	10								
Hardness, Total (mg/l CaCO3)	mg/l		291		328		330		362		491		329		300		267		281		312		305		235		268
Iron	1200		66.4		207		264		139		141		68.7		80.9	<	60		263		101		123		94.7		99.7
Lead	4	<	3	<	3		6.08		4.23	<	3	<	3		16.2	<	3	<	3		3.35	<	3		3.43		3.02
Magnesium	52000		36300		37000		37300		39900		36200		36000		32600		29200		30500		33500		32400		25100		29700
Manganese	348		10.5		20.7		22.6	<	10		13.7	<	10	<	10	<	10		12.3	<	10	<	10	<	10	<	10
Mercury	0							<	0.2			<	0.2					<	0.2								
Nickel	24							<	30			<	30					<	30								
Potassium	10000		4740		4260		4140		4960		2930		3610		2110		1960		2100		2440		2590		2530		2180
Selenium	4							<	5			<	5						12.1				8080				
Silver	7							<	10			<	10					<	10								
Sodium	26000		10800		10000		9310		10300		9520		8630		8080		7030		7110		8360				5530		5980
Thallium	5							<	10			<	10						15.1								
Vanadium	148							<	30			<	30					<	30								
Zinc	49								48.1				16.8						34.6								
Boron	276							<	500			<	500					<	500								
Alkalinity, Total (As CaCO3)	380		230		380		340		310		300		250		260		270		230		260		200		250		260
Biochemical Oxygen Demand	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6		38.8		25		20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	19	<	20	<	20		19.1		16.6		13.4		12.6		10.6		12.1		9.25		10.4		16.1		38.3		36.1
Color	78								5			<	5						7								
Cyanide	0.009							<	10			<	10					<	10								
Hexavalent chromium	0.027							<	0.01			<	0.01					<	0.01								
Nitrogen, Ammonia (As N)	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.572	<	0.5
Nitrogen, Kjeldahl, Total	2.2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		10.3	<	0.5
Nitrogen, Nitrate (As N)	0.4	<	0.2	<	0.2		0.4	<	0.2		0.24		0.51		0.55		0.59		0.83		0.531		1.08		1.01		0.784
Organic Carbon, Total	30.2	<	3	<	3	<	3		3	<	3	<	3	<	3		3	<	3		14	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.009	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		402		382		385		402		453		520		397		375		392		320		342		268		310
Sulfate	119		102		124		99.8		88.5		101		112		72.3		67.3		54.1		64		83.1		66.9		71.9

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	Bedrock		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07
1,1,1,2-Tetrachloroethane	5							<	5			<	5					<	5								
1,1,1-Trichloroethane	5							<	5			<	5					<	5								
1,1,2,2-Tetrachloroethane	5							<	5			<	5					<	5								
1,1,2-Trichloroethane	1							<	5			<	5					<	5								
1,1-Dichloroethane	5							<	5			<	5					<	5								
1,1-Dichloroethene	5							<	5			<	5					<	5								
1,2,3-Trichloropropane	0.04							<	5			<	5					<	5								
1,2-Dibromo-3-chloropropane	0.4							<	10			<	10					<	10								
1,2-Dibromoethane	5							<	5			<	5					<	5								
1,2-Dichlorobenzene	3							<	5			<	5					<	5								
1,2-Dichloroethane	0.6							<	5			<	5					<	5								
1,2-Dichloropropane	1							<	5			<	5					<	5								
1,3-Dichlorobenzene	3							<	5			<	5					<	5								
1,4-Dichlorobenzene	3							<	5			<	5					<	5								
2-Butanone	NA							<	10			<	10					<	10								
2-Hexanone	NA							<	10			<	10					<	10								
4-Methyl-2-pentanone	NA							<	10			<	10					<	10								
Acetone	NA							<	10			<	10					<	10								
Acrylonitrile	5							<	100			<	100					<	100								
Benzene	1							<	5			<	5					<	5								
Bromochloromethane	5							<	5			<	5					<	5								
Bromodichloromethane	5							<	5			<	5					<	5								
Bromoform	NA							<	5			<	5					<	5								
Bromomethane	5							<	5			<	5					<	5								
Carbon disulfide	NA							<	5			<	5					<	5								
Carbon tetrachloride	5							<	5			<	5					<	5								
Chlorobenzene	5							<	5			<	5					<	5								
Chloroethane	5							<	5			<	5					<	5								
Chloroform	7							<	5			<	5					<	5								
Chloromethane	5							<	5			<	5					<	5								
Dibromochloromethane	5							<	5			<	5					<	5								
Dibromomethane	5							<	5			<	5					<	5								
Ethylbenzene	5							<	5			<	5					<	5								
Iodomethane	5							<	5			<	5					<	5								
Methylene chloride	5							<	5			<	5					<	5								
Styrene	NA							<	5			<	5					<	5								
Tetrachloroethene	2							<	5			<	5					<	5								
Toluene	5							<	5			<	5					<	5								
Trichloroethene	5							<	5			<	5					<	5								
Trichlorofluoromethane	0.4							<	5			<	5					<	5								
Vinyl acetate	5							<	50			<	50					<	5								
Vinyl chloride	2							<	5			<	5					<	5								
cis-1,2-Dichloroethene	NA							<	5			<	5					<	5								
cis-1,3-Dichloropropene	5							<	5			<	5					<	5								
m,p-Xylene	5							<	5			<	5					<	10								
o-Xylene	5							<	5			<	5					<	5								
trans-1,2-Dichloroethene	0.4							<	5			<	5					<	5								
trans-1,3-Dichloropropene	5							<	5			<	5					<	50								
trans-1,4-Dichloro-2-butene	5							<	10			<	10					<	5								

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	Bedrock		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10
Conductivity	1225		585		590		367		549		518		585		296		240		1692		362		273		182		520
Eh	582		-99		-81		-142		-62		-58		-46		175		172		192		156		266		150		-71
Field pH	6.1 to 9.1		8.23		8.41		9.09		8.82		8.01		7.83		7.42		7.5		7.03		7.66		7.39		7.87		8.04
Temperature			13.4		7.1		11.6		17.8		11.7		6.2		15.3		15.9		10		10.8		11.1		19.9		13.2
Turbidity	41		3.09		11.3		2.24		3.73		4.03		2.76		3.36		2.69		4.49		3.24		2.46		5.19		6.69
Water Level			10.13		7.84		10.69		8.16		7.98		7.77		8.32		8.49		7.9		7.81		8.42		9.11		7.08
Bromide	1.5	<	0.2	R<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	0.4	<	0.8	<	0.8	<	0.8
Aluminum	116	<	100	<	100									<	100									<	100		
Antimony	39	<	15	<	15									<	30									<	5 uj		
Arsenic	8	<	10	<	10									<	10									<	5		
Barium	133		63.2		76.3										66.2										70.1		
Beryllium	2	<	3	UJ<	3									<	3									<	3		
Cadmium	5	<	5	UJ<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		19.1
Calcium	110000		62500		72700		68400		67600		70400		67200		65700		69900		72600		70100		74800		75000		64900
Chromium	51	<	5	<	5									<	5									<	10		
Cobalt	18	<	20	<	20									<	20									<	20		
Copper	19	<	10	<	10									<	10									<	10		
Hardness, Total (mg/l CaCO3)	mg/l		282		324		310000		307000		319000		308000		303000		308000		331000		318000		332000		326		299000
Iron	1200		61.4	UJ	60	<	60		225	<	60	<	60		104	<	60		96.5		170	<	60	<	60		74.6
Lead	4	<	3	UJ<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	52000		30600	J	34600		33700		33500		34900		33900		33700		32300		36400		34800		35300		33800		33300
Manganese	348	<	10	UJ<	10	<	10		13.3	<	10	<	10	<	10		13		153		151	<	10	<	10	<	10
Mercury	0	<	0.2	<	0.2									<	0.2									<	0.2		
Nickel	24	<	30	<	30									<	30									<	30		
Potassium	10000		2110		2890		2410		2260		2000		1570		2250		2840	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	4	<	5	UJ	5									<	5									<	3		
Silver	7	<	10	<	10									<	10									<	Reject		
Sodium	26000		6930		7720		7370		6800		7450		6780		6140		6620		6830		7310		6560		6950		7480
Thallium	5	<	10	UJ	10									<	10									<	3		
Vanadium	148	<	30	<	30									<	30									<	30		
Zinc	49		20.6		27.2									<	10										10.4		
Boron	276	<	500	<	500									<	500									<	500		
Alkalinity, Total (As CaCO3)	380		250		270		240		260		260		260		260	<	10		260		280		270		250		220
Biochemical Oxygen Demand	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6	<	20		31	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	19		10.4		11		8.27		7.44		7.03		6.96		5.81		5.63		6.38		6.82		6.28		6.66		3.46
Color	78	<	5	UJ	5									<	5										6		
Cyanide	0.009	<	10	<	10									<	10									<	10		
Hexavalent chromium	0.027	<	0.01	<	0.01									<	0.01									<	0.01		
Nitrogen, Ammonia (As N)	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.738	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	0.4		1.41		0.706		0.72		0.579		0.591		0.697		0.665		0.648		0.439		0.686		0.647		0.622		0.712
Organic Carbon, Total	30.2	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		3.3	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		348		340		342		315		398		255		350		420		140		330		450		430		320
Sulfate	119		74.8		76.1		77.4		55.9		53.3		59		50.2		43.5		57.9		53		57.7		61.5		54.9

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10
1,1,1,2-Tetrachloroethane	5	<	5	<	5									<	5									<	5		
1,1,1-Trichloroethane	5	<	5	<	5									<	5									<	5		
1,1,2,2-Tetrachloroethane	5	<	5	<	5									<	5									<	5		
1,1,2-Trichloroethane	1	<	5	<	5									<	5									<	5		
1,1-Dichloroethane	5	<	5	<	5									<	5									<	5		
1,1-Dichloroethene	5	<	5	<	5									<	5									<	5		
1,2,3-Trichloropropane	0.04	<	5	<	5									<	5									<	5		
1,2-Dibromo-3-chloropropane	0.4	<	10	<	10									<	10									<	10		
1,2-Dibromoethane	5	<	5	<	5									<	5									<	5		
1,2-Dichlorobenzene	3	<	5	<	5									<	5									<	5		
1,2-Dichloroethane	0.6	<	5	<	5									<	5									<	5		
1,2-Dichloropropane	1	<	5	<	5									<	5									<	5		
1,3-Dichlorobenzene	3	<	5	<	5									<	5									<	5		
1,4-Dichlorobenzene	3	<	5	<	5									<	5									<	5		
2-Butanone	NA	<	10	<	10									<	10									<	10		
2-Hexanone	NA	<	10	<	10									<	10									<	10		
4-Methyl-2-pentanone	NA	<	10	<	10									<	10									<	10		
Acetone	NA	<	10	<	10									<	10									<	10		
Acrylonitrile	5	<	100	<	100									<	100									<	100		
Benzene	1	<	5	<	5									<	5									<	5		
Bromochloromethane	5	<	5	<	5									<	5									<	5		
Bromodichloromethane	5	<	5	<	5									<	5									<	5		
Bromoform	NA	<	5	<	5									<	5									<	5		
Bromomethane	5	<	5	<	5									<	5									<	5		
Carbon disulfide	NA	<	5	<	5									<	5									<	5		
Carbon tetrachloride	5	<	5	<	5									<	5									<	5		
Chlorobenzene	5	<	5	<	5									<	5									<	5		
Chloroethane	5	<	5	<	5									<	5									<	5		
Chloroform	7	<	5	<	5									<	5									<	5		
Chloromethane	5	<	5	<	5									<	5									<	5		
Dibromochloromethane	5	<	5	<	5									<	5									<	5		
Dibromomethane	5	<	5	<	5									<	5									<	5		
Ethylbenzene	5	<	5	<	5									<	5									<	5		
Iodomethane	5	<	5	<	5									<	5									<	5		
Methylene chloride	5	<	5	<	5									<	5									<	5		
Styrene	NA	<	5	<	5									<	5									<	5		
Tetrachloroethene	2	<	5	<	5									<	5									<	5		
Toluene	5	<	5	<	5									<	5									<	5		
Trichloroethene	5	<	5	<	5									<	5									<	5		
Trichlorofluoromethane	0.4	<	5	<	5									<	5									<	5		
Vinyl acetate	5	<	50	<	50									<	50									<	Reject		
Vinyl chloride	2	<	5	<	5									<	5									<	5		
cis-1,2-Dichloroethene	NA	<	5	<	5									<	5									<	5		
cis-1,3-Dichloropropene	5	<	5	<	5									<	5									<	5		
m,p-Xylene	5	<	5	<	5									<	5									<	10		
o-Xylene	5	<	5	<	5									<	5									<	5		
trans-1,2-Dichloroethene	0.4	<	5	<	5									<	5									<	5		
trans-1,3-Dichloropropene	5	<	5	<	5									<	5									<	50		
trans-1,4-Dichloro-2-butene	5	<	10	<	10									<	10									<	5		

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	1225		521		578		504		590
Eh	582		-96		-26		-71		12
Field pH	6.1 to 9.1		8.03		7.59		7.55		7.69
Temperature			7.3		19.6		21.3		17.4
Turbidity	41		2.61		3.1		1.98		5.58
Water Level			8.02		6.89		9.98		8.55
Bromide	1.5	<	0.8	UJ	0.8	<	0.8	<	8
Aluminum	116			<	100				
Antimony	39			<	5				
Arsenic	8			<	5				
Barium	133				72.2				
Beryllium	2			<	3				
Cadmium	5	<	5	<	5	<	5	<	5
Calcium	110000		80600		64700		70900		67500
Chromium	51			<	10				
Cobalt	18			<	20				
Copper	19			<	10				
Hardness, Total (mg/l CaCO3)	mg/l		352000		283000		303000		302000
Iron	1200	<	60	UJ	60		178		119
Lead	4	<	3	<	3	<	3	<	3
Magnesium	52000		36700		29500		30600		32300
Manganese	348	<	10	UJ	10		12.7		32.5
Mercury	0			<	0.2				
Nickel	24			<	30				
Potassium	10000	<	5000	<	5000	<	5000	<	5000
Selenium	4			<	3				
Silver	7			<	10				
Sodium	26000		8710		7270		6220		8210
Thallium	5			UJ	3				
Vanadium	148			<	30				
Zinc	49			<	10				
Boron	276			<	500				
Alkalinity, Total (As CaCO3)	380		260	J	270		260		33
Biochemical Oxygen Demand	7.9	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6	<	20	<	20	<	20	<	20
Chloride	19		7.55		5.84		5.77		6.84
Color	78				5				
Cyanide	0.009			<	10				
Hexavalent chromium	0.027			<	0.01				
Nitrogen, Ammonia (As N)	0.9	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	0.4		0.764		0.5		0.568		0.368
Organic Carbon, Total	30.2	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	J	0.011	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		360		370		360		42
Sulfate	119		61.5	J	53.6		58		65.6

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-1D		MW-1D		MW-1D		MW-1D
Parameter	Trigger		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	5			<	5				
1,1,1-Trichloroethane	5			<	5				
1,1,2,2-Tetrachloroethane	5			<	5				
1,1,2-Trichloroethane	1			<	5				
1,1-Dichloroethane	5			<	5				
1,1-Dichloroethene	5			<	5				
1,2,3-Trichloropropane	0.04			<	5				
1,2-Dibromo-3-chloropropane	0.4			<	10				
1,2-Dibromoethane	5			<	5				
1,2-Dichlorobenzene	3			<	5				
1,2-Dichloroethane	0.6			<	5				
1,2-Dichloropropane	1			<	5				
1,3-Dichlorobenzene	3			<	5				
1,4-Dichlorobenzene	3			<	5				
2-Butanone	NA			<	10				
2-Hexanone	NA			<	10				
4-Methyl-2-pentanone	NA			<	10				
Acetone	NA			<	10				
Acrylonitrile	5			<	100				
Benzene	1			<	5				
Bromochloromethane	5			<	5				
Bromodichloromethane	5			<	5				
Bromoform	NA			<	5				
Bromomethane	5			<	5				
Carbon disulfide	NA			<	5				
Carbon tetrachloride	5			<	5				
Chlorobenzene	5			<	5				
Chloroethane	5			<	5				
Chloroform	7			<	5				
Chloromethane	5			<	5				
Dibromochloromethane	5			<	5				
Dibromomethane	5			<	5				
Ethylbenzene	5			<	5				
Iodomethane	5			<	5				
Methylene chloride	5			<	5				
Styrene	NA			<	5				
Tetrachloroethene	2			<	5				
Toluene	5			<	5				
Trichloroethene	5			<	5				
Trichlorofluoromethane	0.4			<	5				
Vinyl acetate	5			<	50				
Vinyl chloride	2			<	5				
cis-1,2-Dichloroethene	NA			<	5				
cis-1,3-Dichloropropene	5			<	5				
m,p-Xylene	5			<	5				
o-Xylene	5			<	5				
trans-1,2-Dichloroethene	0.4			<	5				
trans-1,3-Dichloropropene	5			<	5				
trans-1,4-Dichloro-2-butene	5			<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q	Feb-01	Q	May-01
Conductivity	1225	742	640	650	775	806	715	698		752		628		671		653		605		678		635
Eh	582	193.6	217.4	192.6	214.8	211.5	206.6	289.1		188		310.2		229.1		207.3		173.1		212.7		126.7
Field pH	6.1 to 9.1	7.37	7.44	7.88	7.49	7.38	7.94	7.68		7.65		7.69		7.52		7.63		7.89		7.67		7.68
Temperature		9.4	11	9.9	7.3	9.3		12		10.5		9.3		9.8		11.9		8.8		8.3		9.3
Turbidity	41	19.5	5	9.85	2.25	2.4	16.5	45.4		39.5		30.1		3		4.5		10.1		4		5.3
Water Level		13.05	14.43	14.31	12.85	13.7	16.9	17.38		18.22		16.8		14.91		16.68		16.28		15.26		15.9
Bromide	1.5	U	U	U	U	U	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aluminum	116	84	87	U	U	U				726		516									U	75
Antimony	39	U	U	U	U	U				50	U	50	U								U	50
Arsenic	8	U	U	U	U	U				2	U	2	U								U	2
Barium	133	86	68	64	50	74				83		75										63
Beryllium	2	U	U	U	U	U				2	U	2	U								U	2
Cadmium	5	U	U	U	U	U	U	5	U	5	U	5	U	5	U	5	U	5	U	0.005	U	5
Calcium	110000	78800	71900	63500	97100	83800	76100	75500		63700		67300		75600		65200		61200		70.9		66900
Chromium	51	U	U	22	U	U				10	U	20									U	10
Cobalt	18	U	U	U	U	U				10	U	10	U								U	10
Copper	19	U	U	U	U	U				17	U	17	U								U	17
Hardness, Total (mg/l CaCO3)	mg/l	375	335	296	424	385	358	354		306		321		358		311		295		339		315
Iron	1200	125	206	124	102	101	194	1610		732		813		199		44		147	U	40		97
Lead	4	2	2	1	U	1	1	1		2		3		2		2		4		2		1
Magnesium	52000	43300	37700	33500	44100	42700	40800	40100		35700		37100		41000		36000		34500		39300		35900
Manganese	348	211	201	185	167	85	276	1260		72		29		132		82		271		48		83
Mercury	0	U	U	U	U	U				0.2	U	0.2	U								U	0.2
Nickel	24	U	U	20	U	U				13		12	U								U	12
Potassium	10000	3010	2040	2090	1820	1690	2480	2610		3270		2610		2320		2510		2480		2470		2180
Selenium	4	U	U	U	U	U				2	U	2	U								U	2
Silver	7	U	U	U	U	U				10	U	10	U								UJ	10
Sodium	26000	8350	7060	8520	12500	8640	9010	8910		8820		8260		8660		8740		9210		9480		7930
Thallium	5	U	U	U	U	U				1	U	1	U								U	1
Vanadium	148	4	U	U	U	U				10	U	10	U								U	10
Zinc	49	U	U	21	25	22				51		20	U								U	20
Boron	276	U	U	U	U	U				61		48	U									72
Alkalinity, Total (As CaCO3)	380	303	275	250	265	322	286	282		265		265		272		253		238		260		326
Biochemical Oxygen Demand	7.9	U	U	U	U	U	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3
Chemical Oxygen Demand	42.6	U	U	U	U	U	U	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10
Chloride	19	12.6	6.17	8.82	20.2	13.6	12.6	14.3		148		9.58		10		9.19		8.6		10.9		9.21
Color	78	10	10	15	U	U				20		15										5
Cyanide	0.009	U	U	U	U	0.127				0.01	U	0.01	U								U	0.01
Hexavalent chromium	0.027	U	U	U	U	U				0.01	U	0.01	U								U	0.01
Nitrogen, Ammonia (As N)	0.9	U	U	U	U	U	0.17	0.01	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
Nitrogen, Kjeldahl, Total	2.2	U	U	2.2	1.55	U	1.09	1.24		2.85		1	U	1	U	1	U	1	U	1	U	1
Nitrogen, Nitrate (As N)	0.4	0.101	U	U	0.106	0.113	U	0.05	U	0.091		0.138		0.405		0.143		0.325		0.268		0.68
Organic Carbon, Total	30.2	0.4	1.2	1.3	U	U	1.5	1.2		3		1	U	1.4		1.4		1.4		1.4	J	1.1
Phenolics, Total Recoverable	0.062	U	0.032	U	U	U	U	0.001	U	0.005	U	0.004	U	0.004	U	0.0074		0.004	U	0.004		0.0139
Residue, Dissolved (TDS)	568	440	352	323	480	465	420	382		380		326		445		398		333		393		387
Sulfate	119	70	56	51	130	97	91	100		140		63		90		91		70		120		80

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	Bedrock	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q	Feb-01	Q	May-01
1,1,1,2-Tetrachloroethane												5	U								U	5
1,1,1-Trichloroethane												5	U								U	5
1,1,2,2-Tetrachloroethane												5	U								U	5
1,1,2-Trichloroethane												5	U								U	5
1,1-Dichloroethane												5	U								U	5
1,1-Dichloroethene												5	U								U	5
1,2,3-Trichloropropane												5	U								U	5
1,2-Dibromo-3-chloropropane												5	U								U	5
1,2-Dibromoethane												5	U								U	5
1,2-Dichlorobenzene												2	U								U	2
1,2-Dichloroethane												5	U								U	5
1,2-Dichloropropane												5	U								U	5
1,3-Dichlorobenzene																						
1,4-Dichlorobenzene												2	U								U	2
2-Butanone												25	U								U	25
2-Hexanone												10	U								U	10
4-Methyl-2-pentanone												10	U								U	10
Acetone												25	U								D	25
Acrylonitrile												20	U								U	20
Benzene												0.7	U								U	0.7
Bromochloromethane												5	U								U	5
Bromodichloromethane												5	U								U	5
Bromoform												5	U								U	5
Bromomethane												5	U								U	5
Carbon disulfide												5	U								U	5
Carbon tetrachloride												5	U								U	5
Chlorobenzene												5	U								U	5
Chloroethane												5	U								U	5
Chloroform												5	U								U	5
Chloromethane												5	U								U	5
Dibromochloromethane												5	U								U	5
Dibromomethane												5	U								U	5
Ethylbenzene												5	U								U	5
Iodomethane												5	U								U	5
Methylene chloride												5	U								U	5
Styrene												5	U								U	5
Tetrachloroethene												5	U								U	5
Toluene												5	U								U	5
Trichloroethene												5	U								U	5
Trichlorofluoromethane												5	U								U	5
Vinyl acetate												5	U								U	5
Vinyl chloride												2	U								U	2
cis-1,2-Dichloroethene												5	U								U	5
cis-1,3-Dichloropropene												5	U								U	5
m,p-Xylene												5	U								U	5
o-Xylene												5	U								U	5
trans-1,2-Dichloroethene												5	U								U	5
trans-1,3-Dichloropropene												5	U								U	5
trans-1,4-Dichloro-2-butene												5	U								U	5

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HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-8D		MW-8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D
Parameter	Trigger		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03		Feb-04
Conductivity	1225		710		497		457		532		653		667		743		755		819		714		953
Eh	582		60		73	-	96		59		63		15	-	26		77		35		10	-	15
Field pH	6.1 to 9.1		7.57		8.37		7.96		7.5		7.44		7.48		7.35		8.25		8.72		7.81		7.4
Temperature			21		13		7.7		10		17		12		5		11		14		11		7
Turbidity	41		15		18		2		20		2		8		7		2		2		4		7
Water Level			16.95		15.72		15.46		15		17.65		16.4		16.3		13.72		15.49		15.25		16.81
Bromide	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	116									<	100									<	100		119
Antimony	39									<	15									<	15		16.6
Arsenic	8									<	10									<	10	<	10
Barium	133										87.6										96.5		97.2
Beryllium	2									<	3									<	3	<	3
Cadmium	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	110000		67100		55800		60900		68300		75200		95600		70100		70300		84700		88900		95000
Chromium	51									<	5									<	5	<	5
Cobalt	18									<	20									<	20	<	20
Copper	19									<	10									<	10		11.1
Hardness, Total (mg/l CaCO3)	mg/l		329		546		298		325		360		440		350		340		410		430		450
Iron	1200		176		857	<	60		83.9		422		116		106		273		346		134		83.6
Lead	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	52000		39100		32300		35500		37500		43000		49500		41600		39900		48100		50700		51900
Manganese	348		401		1770		40.4		63.8		296		92		216		242		707				217
Mercury	0									<	0.20									<	0.2	<	0.2
Nickel	24									<	30									<	30	<	30
Potassium	10000		3200		1460		3110		2540		2780		2750		2700		3290		2900		3030		2600
Selenium	4									<	5									<	5	<	5
Silver	7									<	10									<	10	<	10
Sodium	26000		8780		8480		8400		8330		7590		9760		7950		8670		8380		8730		7290
Thallium	5									<	10									<	10		20.8
Vanadium	148									<	30									<	30	<	30
Zinc	49										16.2										47.2		60.1
Boron	276									<	0.5									<	0.5	<	0.5
Alkalinity, Total (As CaCO3)	380		250		260		250		250		260		150		270		250		290		280		290
Biochemical Oxygen Demand	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6	<	20	<	20	<	20	<	20	<	20		20	<	20	<	20		22		40	<	20
Chloride	19		2		13		12		10		2		21		7		9		14		9		7
Color	78										10										21		9
Cyanide	0.009									<	0.01									<	0.01	<	0.01
Hexavalent chromium	0.027									<	0.01									<	0.01	<	0.01
Nitrogen, Ammonia (As N)	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2		0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	0.4	<	0.2		0.2		0.6		0.5	<	0.2		0.8	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	30.2		2	<	3	<	3	<	3	<	3		3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	<	0.005	<	0.005	<	0.005		0.006	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		370		400		800		410		660		640		530		510		620		580		710
Sulfate	119		120		62		80		110		130		210		130		140		170		210		280

ENVIRONMENTAL MONITORING
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	Bedrock		MW-8D		MW-8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW - 8D
Parameter	Trigger		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03		Feb-04
1,1,1,2-Tetrachloroethane										<	5									<	5	<	5
1,1,1-Trichloroethane										<	5									<	5	<	5
1,1,2,2-Tetrachloroethane										<	5									<	5	<	5
1,1,2-Trichloroethane										<	5									<	5	<	5
1,1-Dichloroethane										<	5									<	5	<	5
1,1-Dichloroethene										<	5									<	5	<	5
1,2,3-Trichloropropane										<	5									<	5	<	5
1,2-Dibromo-3-chloropropane										<	10									<	10	<	10
1,2-Dibromoethane										<	5									<	5	<	5
1,2-Dichlorobenzene										<	5									<	5	<	5
1,2-Dichloroethane										<	5									<	5	<	5
1,2-Dichloropropane										<	5									<	5	<	5
1,3-Dichlorobenzene																							
1,4-Dichlorobenzene										<	5									<	5	<	5
2-Butanone										<	10									<	10	<	10
2-Hexanone										<	10									<	10	<	10
4-Methyl-2-pentanone										<	10									<	10	<	10
Acetone										<	10									<	10	<	10
Acrylonitrile										<	100									<	100	<	100
Benzene										<	5									<	5	<	5
Bromochloromethane										<	5									<	5	<	5
Bromodichloromethane										<	5									<	5	<	5
Bromoform										<	5									<	5	<	5
Bromomethane										<	5									<	5	<	5
Carbon disulfide										<	5									<	5	<	5
Carbon tetrachloride										<	5									<	5	<	5
Chlorobenzene										<	5									<	5	<	5
Chloroethane										<	5									<	5	<	5
Chloroform										<	5									<	5	<	5
Chloromethane										<	5									<	5	<	5
Dibromochloromethane										<	5									<	5	<	5
Dibromomethane										<	5									<	5	<	5
Ethylbenzene										<	5									<	5	<	5
Iodomethane										<	5									<	5	<	5
Methylene chloride										<	5										1	<	5
Styrene										<	5									<	5	<	5
Tetrachloroethene										<	5									<	5	<	5
Toluene										<	5									<	5	<	5
Trichloroethene										<	5									<	5	<	5
Trichlorofluoromethane										<	5									<	5	<	5
Vinyl acetate										<	50									<	50	<	50
Vinyl chloride										<	5									<	5	<	5
cis-1,2-Dichloroethene										<	5									<	5	<	5
cis-1,3-Dichloropropene										<	5									<	5	<	5
m,p-Xylene										<	5									<	5	<	5
o-Xylene										<	5									<	5	<	5
trans-1,2-Dichloroethene										<	5									<	5	<	5
trans-1,3-Dichloropropene										<	5									<	5	<	5
trans-1,4-Dichloro-2-butene										<	10									<	10	<	10

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	Bedrock		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger		May-04		Aug-04		Nov-04		Nov-04		Mar-05		May-05		Sep-05		Dec-05		Feb-06		Jun-06		Aug-06
Conductivity	1225		609		817		734				621		715		734		850		823		843		773
Eh	582		5		25		100				115		-45		70		-25		-30		-70		-80
Field pH	6.1 to 9.1		7.32		7.3		8.1				7.17		7.61		7.55		7.82		7.44		7.92		8.32
Temperature			10		14		10				9		12		13		6.2		5.4		14.9		17
Turbidity	41		4		3		7				5		3		10		8.72		0.87		9.2		4.42
Water Level			15.28		15.58		19.71				19.75		19.02		18.92		18.79		18.65		18.82		19.5
Bromide	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	116												168			<	100					<	100
Antimony	39											<	15			<	15					<	15
Arsenic	8											<	10			<	10					<	10
Barium	133												122				81.4						100
Beryllium	2											<	3			<	3					<	3
Cadmium	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	110000		90700		117000		107000		96500		104000		103000		86500		72100		89300		80200		69900
Chromium	51												9.53			<	5					<	5
Cobalt	18											<	20			<	20					<	20
Copper	19												10.8				11.9					<	10
Hardness, Total (mg/l CaCO3)	mg/l		420		546		523		470		490		499		416		357		436		391		348
Iron	1200		139		140		1270		1010		328		532		1080		157		354		330		2130
Lead	4		7.05		4.38	<	3	<	3	<	3		3.06		3.01	<	3		39.7	<	3	<	3
Magnesium	52000		47700		61900		62000		55500		56100		58600		48700		42900		51700		46400		42200
Manganese	348		203		174		1670		1430		468		317		711		171		160		538		485
Mercury	0											<	0.2			<	0.2					<	0.2
Nickel	24											<	30			<	30					<	30
Potassium	10000		2100		3520		3110		3510		3460		3670		3220		3700		3890		2890		3010
Selenium	4											<	5				6.72						5.04
Silver	7											<	10			<	10					<	10
Sodium	26000		8960		10300		8480		7730		8930		11300		9760		8570		10900		10100		8680
Thallium	5											<	10			<	10					<	10
Vanadium	148											<	30			<	30					<	30
Zinc	49												36.1				12.5						41
Boron	276											<	500			<	500					<	500
Alkalinity, Total (As CaCO3)	380		320		290		410		420		270		330		270		250		240		280		250
Biochemical Oxygen Demand	7.9	<	4	<	4		5	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6		26	<	20	<	20	<	20		25	<	20		23		38	<	20	<	20	<	500
Chloride	19		20.7		14.8		8.2		4.85		13.5		13.3		18		8.87		10.1		12.1		6.98
Color	78												10			<	5						12
Cyanide	0.009											<	10			<	10					<	10
Hexavalent chromium	0.027											<	0.01			<	0.01					<	0.01
Nitrogen, Ammonia (As N)	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		5.6	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	0.4	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	30.2		6	<	3	<	3	<	3	<	3	<	3		3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.005		0.007	<	0.005		0.006	<	0.005
Residue, Dissolved (TDS)	568		573		725		540		587		602		610		720		527		622		648		565
Sulfate	119		162		178		228		229		215		102		205		164		193		174		155

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	Bedrock		MW - 8D		MW - 8D		MW - 8D		MW - 8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger		May-04		Aug-04		Nov-04		Nov-04		Mar-05		May-05		Sep-05		Dec-05		Feb-06		Jun-06		Aug-06
1,1,1,2-Tetrachloroethane												<	5			<	5					<	5
1,1,1-Trichloroethane												<	5			<	5					<	5
1,1,2,2-Tetrachloroethane												<	5			<	5					<	5
1,1,2-Trichloroethane												<	5			<	5					<	5
1,1-Dichloroethane												<	5			<	5					<	5
1,1-Dichloroethene												<	5			<	5					<	5
1,2,3-Trichloropropane												<	5			<	5					<	5
1,2-Dibromo-3-chloropropane												<	10			<	10					<	10
1,2-Dibromoethane												<	5			<	5					<	5
1,2-Dichlorobenzene												<	5			<	5					<	5
1,2-Dichloroethane												<	5			<	5					<	5
1,2-Dichloropropane												<	5			<	5					<	5
1,3-Dichlorobenzene												<	5			<	5					<	5
1,4-Dichlorobenzene												<	5			<	5					<	5
2-Butanone												<	10			<	10					<	10
2-Hexanone												<	10			<	10					<	10
4-Methyl-2-pentanone												<	10			<	10					<	10
Acetone												<	10			<	10					<	10
Acrylonitrile												<	100			<	100					<	100
Benzene												<	5			<	5					<	5
Bromochloromethane												<	5			<	5					<	5
Bromodichloromethane												<	5			<	5					<	5
Bromoform												<	5			<	5					<	5
Bromomethane												<	5			<	5					<	5
Carbon disulfide												<	5			<	5					<	5
Carbon tetrachloride												<	5			<	5					<	5
Chlorobenzene												<	5			<	5					<	5
Chloroethane												<	5			<	5					<	5
Chloroform												<	5			<	5					<	5
Chloromethane												<	5			<	5					<	5
Dibromochloromethane												<	5			<	5					<	5
Dibromomethane												<	5			<	5					<	5
Ethylbenzene												<	5			<	5					<	5
Iodomethane												<	5			<	5					<	5
Methylene chloride												<	5			<	5					<	5
Styrene												<	5			<	5					<	5
Tetrachloroethene												<	5			<	5					<	5
Toluene												<	5			<	5					<	5
Trichloroethene												<	5			<	5					<	5
Trichlorofluoromethane												<	5			<	5					<	5
Vinyl acetate												<	50			<	50					<	5
Vinyl chloride												<	5			<	5					<	5
cis-1,2-Dichloroethene												<	5			<	5					<	5
cis-1,3-Dichloropropene												<	5			<	5					<	5
m,p-Xylene												<	5			<	5					<	10
o-Xylene												<	5			<	5					<	5
trans-1,2-Dichloroethene												<	5			<	5					<	5
trans-1,3-Dichloropropene												<	5			<	5					<	50
trans-1,4-Dichloro-2-butene												<	10			<	10					<	5

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	Bedrock		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger		Nov-06		Feb-07		May-07		Aug-07		Jan-08		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09
Conductivity	1225		784		762		436		486		668		713		652		750		630		615		446
Eh	582		-5		40		-114		-125		-105		-91		-160		-69		-60		-49		195
Field pH	6.1 to 9.1		8.09		7.63		8.05		9.01		8.35		8.22		8.79		9.03		8.1		7.9		7.89
Temperature			12.8		13.1		11.2		18.2		14.2		7.8		10.4		17.7		10.7		6.4		18.1
Turbidity	41		2.86		2.54		6.62		6.93		26.8		21.3		5.23		9.27		8.69		1.2		3.51
Water Level			19.67		19.13		19.4		19.98		16.31		19.11		19.17		19.93		19.42		19.45		18.97
Bromide	1.5	<	0.2	<	0.2	<	2	<	0.2	<	2	R<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	116										112	<	100									<	100
Antimony	39									<	15	<	15									<	30
Arsenic	8									<	10	<	10									<	10
Barium	133										121		116										112
Beryllium	2									<	3	UJ<	3									<	3
Cadmium	5	<	5	<	5	<	5	<	5	<	5	UJ<	5	<	5	<	5	<	5	<	5	<	5
Calcium	110000		77200		85200		68400		61300		69700		76300		82300		83600		78900		76300		87200
Chromium	51										9.14		7.1									<	5
Cobalt	18									<	20	<	20									<	20
Copper	19									<	10	<	10									<	10
Hardness, Total (mg/l CaCO3)	mg/l		321		413		333		312		348		382		408000		417000		398000		388000		421000
Iron	1200		313		186		645		629		1100	J	1520		896		1700		535		104		232
Lead	4	<	3	<	3	<	3		6.17	<	3	UJ<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	52000		45400		48500		39400		38600		42200	J	46500		49200		50500		48800		47900		49500
Manganese	348		380		169		475		643		1110	J	459		337		677		1180		99.4		476
Mercury	0									<	0.2	<	0.2									<	0.2
Nickel	24									<	30	<	30									<	30
Potassium	10000		3100		3830		4480		2940		3810		4250		4190		4100		3210		2780		4120
Selenium	4				9750					<	5	UJ	5									<	5
Silver	7									<	10	<	10									<	10
Sodium	26000		9160				8160		7870		9040		9020		9510		9600		9960		8670		9130
Thallium	5									<	10	UJ	10									<	10
Vanadium	148									<	30	<	30									<	30
Zinc	49										28.6		23.5									<	10
Boron	276									<	500	<	500									<	500
Alkalinity, Total (As CaCO3)	380		260		240		250		240		230		240		240		250		240		250		250
Biochemical Oxygen Demand	7.9		5	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6	<	20	<	20	<	20	<	20	<	20	<	20		22		29	<	20	<	20	<	20
Chloride	19		8.15		7.46		6.86		6.84		4.66		4.12		4.05		4.44		3.54		3.33		5.2
Color	78										75	UJ	5									<	5
Cyanide	0.009									<	10	<	10									<	10
Hexavalent chromium	0.027									<	0.01	<	0.01									<	0.01
Nitrogen, Ammonia (As N)	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2	<	0.5	<	0.5		1.03	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	0.4	<	0.2		0.282		0.239		0.2		0.308	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	30.2		3	<	3	<	3	<	3	<	3	<	3	<	3		3	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	<	0.005	<	0.005		0.007	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		538		535		462		455		452		449		490		443		478		410		650
Sulfate	119		183		181		108		180		122		163		221		174		197		264		190

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger		Nov-06		Feb-07		May-07		Aug-07		Jan-08		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09
1,1,1,2-Tetrachloroethane										<	5	<	5									<	5
1,1,1-Trichloroethane										<	5	<	5									<	5
1,1,2,2-Tetrachloroethane										<	5	<	5									<	5
1,1,2-Trichloroethane										<	5	<	5									<	5
1,1-Dichloroethane										<	5	<	5									<	5
1,1-Dichloroethene										<	5	<	5									<	5
1,2,3-Trichloropropane										<	5	<	5									<	5
1,2-Dibromo-3-chloropropane										<	10	<	10									<	10
1,2-Dibromoethane										<	5	<	5									<	5
1,2-Dichlorobenzene										<	5	<	5									<	5
1,2-Dichloroethane										<	5	<	5									<	5
1,2-Dichloropropane										<	5	<	5									<	5
1,3-Dichlorobenzene										<	5	<	5									<	5
1,4-Dichlorobenzene										<	5	<	5									<	5
2-Butanone										<	10	<	10									<	10
2-Hexanone										<	10	<	10									<	10
4-Methyl-2-pentanone										<	10	<	10									<	10
Acetone										<	10	<	10									<	10
Acrylonitrile										<	100	<	100									<	100
Benzene										<	5	<	5									<	5
Bromochloromethane										<	5	<	5									<	5
Bromodichloromethane										<	5	<	5									<	5
Bromoform										<	5	<	5									<	5
Bromomethane										<	5	<	5									<	5
Carbon disulfide										<	5	<	5									<	5
Carbon tetrachloride										<	5	<	5									<	5
Chlorobenzene										<	5	<	5									<	5
Chloroethane										<	5	<	5									<	5
Chloroform										<	5	<	5									<	5
Chloromethane										<	5	<	5									<	5
Dibromochloromethane										<	5	<	5									<	5
Dibromomethane										<	5	<	5									<	5
Ethylbenzene										<	5	<	5									<	5
Iodomethane										<	5	<	5									<	5
Methylene chloride										<	5	<	5									<	5
Styrene										<	5	<	5									<	5
Tetrachloroethene										<	5	<	5									<	5
Toluene										<	5	<	5									<	5
Trichloroethene										<	5	<	5									<	5
Trichlorofluoromethane										<	5	<	5									<	5
Vinyl acetate										<	50	<	50									<	50
Vinyl chloride										<	5	<	5									<	5
cis-1,2-Dichloroethene										<	5	<	5									<	5
cis-1,3-Dichloropropene										<	5	<	5									<	5
m,p-Xylene										<	5	<	5									<	5
o-Xylene										<	5	<	5									<	5
trans-1,2-Dichloroethene										<	5	<	5									<	5
trans-1,3-Dichloropropene										<	5	<	5									<	5
trans-1,4-Dichloro-2-butene										<	10	<	10									<	10

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	1225		465		206		296		412		712		619		623		791		751		910
Eh	582		211		178		186		281		173		-92		-112		-66		-81		7
Field pH	6.1 to 9.1		6.89		7.34		7.09		7.36		7.6		7.94		7.93		7.64		7.61		7.65
Temperature			16.9		12.6		9.5		13.6		19.8		13.4		5.5		24.9		26.3		17.5
Turbidity	41		3.47		7.02		2.76		3.61		5.96		3.15		1.8		2.41		1.49		6.9
Water Level			19.68		19.4		19.07		19.41		19.8		18.84		18.98		18.32		19.95		19.89
Bromide	1.5	<	2	<	0.2	<	0.4	<	0.8	<	1.6	<	1.6	<	0.8	UJ	0.8	<	0.8	<	0.8
Aluminum	116									<	100					<	100				
Antimony	39									<	5					<	5				
Arsenic	8									<	5					<	5				
Barium	133										104						106				
Beryllium	2									<	3					<	3				
Cadmium	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	110000		76600		75600		72200		81800		72600		70200		86100		76800		83200		102000
Chromium	51									<	10					<	10				
Cobalt	18									<	20					<	20				
Copper	19									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l		388000		386000		372000		405000		376		368000		432000		387000		414000		500000
Iron	1200		186		120		174	<	60		82.4		111	<	60	UJ	60		96.6		153
Lead	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	52000		47900		47900		46400		48800		47400		46700		52600		47300		50100		59600
Manganese	348		612		336		93.9		181		104		192		35.1	J	27		53.5		312
Mercury	0									<	0.2					<	0.2				
Nickel	24									<	30					<	30				
Potassium	10000		4480	<	5000	<	5000		5040	<	5000	<	5000		5530	<	5000		5280	<	5000
Selenium	4									<	3					<	3				
Silver	7									<	Reject					<	10				
Sodium	26000		10300		9420		9260		9700		10200		10900		12100		9840		10600		12600
Thallium	5									<	3					UJ	3				
Vanadium	148									<	30					<	30				
Zinc	49									<	10					<	10				
Boron	276									<	500					<	500				
Alkalinity, Total (As CaCO3)	380		220		230		240		240		220		230		230		250		250		310
Biochemical Oxygen Demand	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	42.6	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	19		3.24		3.21		2.87		2.99		2.69		3.08		3.43		2.97		2.96		9.33
Color	78										7						6				
Cyanide	0.009									<	10					<	10				
Hexavalent chromium	0.027									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	2.2	<	0.5	<	0.5	<	0.5	<	0.5		0.721	<	0.5		0.809	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	0.4	<	0.2	<	0.2		0.0874		0.124		0.085		0.13		0.118		0.353		0.111		0.135
Organic Carbon, Total	30.2	<	3	<	3		3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	568		600		300		380		540		530		360		460		520		560		150
Sulfate	119		121		178		93.1		215		174		146		220	J	172		188		320

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Bedrock		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D		MW-8D
Parameter	Trigger		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane										<	5uj					<	5				
1,1,1-Trichloroethane										<	5uj					<	5				
1,1,2,2-Tetrachloroethane										<	5uj					<	5				
1,1,2-Trichloroethane										<	5uj					<	5				
1,1-Dichloroethane										<	5uj					<	5				
1,1-Dichloroethene										<	5uj					<	5				
1,2,3-Trichloropropane										<	5uj					<	5				
1,2-Dibromo-3-chloropropane										<	10uj					<	10				
1,2-Dibromoethane										<	5uj					<	5				
1,2-Dichlorobenzene										<	5uj					<	5				
1,2-Dichloroethane										<	5uj					<	5				
1,2-Dichloropropane										<	5uj					<	5				
1,3-Dichlorobenzene										<	5uj					<	5				
1,4-Dichlorobenzene										<	5uj					<	5				
2-Butanone										<	10uj					<	10				
2-Hexanone										<	10uj					<	10				
4-Methyl-2-pentanone										<	10uj					<	10				
Acetone										<	10uj					<	10				
Acrylonitrile										<	100uj					<	100				
Benzene										<	5uj					<	5				
Bromochloromethane										<	5uj					<	5				
Bromodichloromethane										<	5uj					<	5				
Bromoform										<	5uj					<	5				
Bromomethane										<	5uj					<	5				
Carbon disulfide										<	5uj					<	5				
Carbon tetrachloride										<	5uj					<	5				
Chlorobenzene										<	5uj					<	5				
Chloroethane										<	5uj					<	5				
Chloroform										<	5uj					<	5				
Chloromethane										<	5uj					<	5				
Dibromochloromethane										<	5uj					<	5				
Dibromomethane										<	5uj					<	5				
Ethylbenzene										<	5uj					<	5				
Iodomethane										<	5uj					<	5				
Methylene chloride										<	5uj					<	5				
Styrene										<	5uj					<	5				
Tetrachloroethene										<	5uj					<	5				
Toluene										<	5uj					<	5				
Trichloroethene										<	5uj					<	5				
Trichlorofluoromethane										<	5uj					<	5				
Vinyl acetate										<	5uj					<	50				
Vinyl chloride										<	5uj					<	5				
cis-1,2-Dichloroethene										<	5uj					<	5				
cis-1,3-Dichloropropene										<	5uj					<	5				
m,p-Xylene										<	10uj					<	5				
o-Xylene										<	5uj					<	5				
trans-1,2-Dichloroethene										<	5uj					<	5				
trans-1,3-Dichloropropene										<	50uj					<	5				
trans-1,4-Dichloro-2-butene										<	5uj					<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW - 11 Jun-91		MW - 11 May-92		MW - 11 Sep-93		MW - 11 May-94		MW - 11 Nov-94		MW - 11 Jan-95		MW - 11 May-95		MW - 11 Aug-95		MW - 11 Nov-95		MW - 11 Feb-96
Conductivity	umhos/cm	NA	1153						135		21		11		10		297		312		324		282
Eh	mV	NA	426						49		-181		-60		107		233		290		187		291
Field pH	SU	6.5 - 8.5	5.0 - 10.4						8.83		8.82		6.99		6.41		8.5		8.3		8.2		9.5
Temperature	degC	NA	NA																				
Turbidity	NTU	5	15		500				13						7		8		10		4		22
Water Level	ft	NA	NA																				
Bromide	mg/L	NA	1.5								0.68	<	0.1	<	0.1	<	1	<	1	<	0.1	<	1
Aluminum	µg/L	NA	502		6400					<	100		172		7270					<	80.9	<	80.9
Antimony	µg/L	3	38	<	60					<	5	<	38	<	38					<	29	<	29
Arsenic	µg/L	25	6	<	10					<	5	<	5		7.4						10.4		6.6
Barium	µg/L	1000	229	<	200						56		67.8		175						71		62
Beryllium	µg/L	3	3	<	5					<	3	<	2	<	1					<	0.9	<	0.9
Cadmium	µg/L	10	6	<	5			<	5	<	5	<	2	<	2	<	2.9	<	2.1	<	2.1	<	2.1
Calcium	µg/L	NA	128000		38000				16800		12000		15000		47900		19700		20000		20000		26600
Chromium	µg/L	50	51		64					<	20	<	5		8.9					<	5.3		7.8
Cobalt	µg/L	NA	18							<	25	<	6	<	7					<	11.4	<	11.4
Copper	µg/L	200	28	<	25					<	25	<	5		28.2						92.4		8.7
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		181				96		82		97		93		122		126		120		NA
Iron	µg/L	300	900		7530	<	100		122		36		274		10900		201		1920		340		53
Lead	µg/L	25	4		6	<	3	<	3	<	3	<	3		5.3	<	2.5	<	1.3	<	7.6	<	0.6
Magnesium	µg/L	35000	58600		21000		16400		13100		12700		13200		25700		17700		18400		17100		18100
Manganese	µg/L	300	88		238			<	25	<	25		17		359		18.4		25.2		25.2		9.5
Mercury	µg/L	2	7	<	0.2					<	0.2	<	0.2	<	0.2					<	0.2	<	0.2
Nickel	µg/L	NA	50	<	40					<	25	<	26	<	27					<	14.4	<	14.4
Potassium	µg/L	NA	8000	<	5000	<	5000		2200		7900		6110		8050	<	638	<	456	<	456	<	64
Selenium	µg/L	10	4	<	5					<	5	<	5	<	5					<	2.8	<	2.8
Silver	µg/L	50	39	<	10					<	10	<	5	<	6					<	5.7	<	5.7
Sodium	µg/L	20000	39000		18000		22800		25000		29000		32100		32500		25600		28100		22600		25200
Thallium	µg/L	4	12	<	10					<	15	<	5	<	5					<	4	<	4
Vanadium	µg/L	NA	24							<	25	<	17		21.3					<	8.3	<	8.3
Zinc	µg/L	300	56		47					<	25	<	5		39.2						115		126
Boron	µg/L	1	131	<	100					<	100				130						50.2		49.3
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		188		144		146		132		142		169		150		155		155		136
Biochemical Oxygen Demand	mg/L	NA	19.8		10						12.4		4		4	<	2	<	2	<	2	<	2
Chemical Oxygen Demand	mg/L	NA	48.5	<	5	<	5	<	5		14.5		41		5		13.6		5.3	<	5	<	5
Chloride	mg/L	250	3.9	<	5	<	5	<	1	<	1	<	1	<	1	<	1		1.54	<	1	<	1
Color	UNITS	15	46	>	70					<	5		20	<	10					<	5		5
Cyanide	µg/L	100	9.2							<	0.002	<	0.01	<	0.01					<	0.01	<	0.01
Hexavalent chromium	mg/L	0.05	0.031	<	0.025					<	0.015		0.01		0.12					<	0.02	<	0.02
Nitrogen, Ammonia (As N)	mg/L	2	1	<	1	<	1	<	1	<	1		0.07		0.06	<	0.1	<	0.1		0.126	<	0.1
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	1					<	1		0.1		0.5		5.04		1.12	<	1	<	1
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.04		0.09	<	0.02	<	0.02	<	0.02	<	0.02
Organic Carbon, Total	mg/L	NA	26.1	<	1		1		13		15		13.6		4.8	<	1	<	1		1.9	<	1
Phenolics, Total Recoverable	mg/L	0.001	0.0088		0.003	<	0.002		0.00501	<	0.002	<	0.00001		0.00005	<	0.002	<	0.002	<	0.002	<	0.002
Residue, Dissolved (TDS)	mg/L	500	582		165		184		336		424		171		207		185		162		163		118
Sulfate	mg/L	250	66		23		15		21.1		13.7		13		11		16.5		13.6		16		15

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger	MW - 11 Jun-91	MW - 11 May-92	MW - 11 Sep-93	MW - 11 May-94	MW - 11 Nov-94	MW - 11 Jan-95	MW - 11 May-95	MW - 11 Aug-95	MW - 11 Nov-95	MW - 11 Feb-96
1,1,1,2-Tetrachloroethane	µg/L	5	5										
1,1,1-Trichloroethane	µg/L	5	5										
1,1,2,2-Tetrachloroethane	µg/L	5	5										
1,1,2-Trichloroethane	µg/L	5	1										
1,1-Dichloroethane	µg/L	5	5										
1,1-Dichloroethene	µg/L	5	5										
1,2,3-Trichloropropane	µg/L	5	0.04										
1,2-Dibromo-3-chloropropane	µg/L	5	0.4										
1,2-Dibromoethane	µg/L	5	5										
1,2-Dichlorobenzene	µg/L	4.7	3										
1,2-Dichloroethane	µg/L	5	0.6										
1,2-Dichloropropane	µg/L	5	1										
1,3-Dichlorobenzene	µg/L	5	3										
1,4-Dichlorobenzene	µg/L	4.7	3										
2-Butanone	µg/L	50	NA									24	
2-Hexanone	µg/L	50	NA										
4-Methyl-2-pentanone	µg/L	NA	NA										
Acetone	µg/L	50	NA					11					
Acrylonitrile	µg/L	NA	5										
Benzene	µg/L	0.7	1										
Bromochloromethane	µg/L	5	5										
Bromodichloromethane	µg/L	50	5										
Bromoform	µg/L	50	NA										
Bromomethane	µg/L	NA	5										
Carbon disulfide	µg/L	NA	NA										
Carbon tetrachloride	µg/L	5	5										
Chlorobenzene	µg/L	5	5										
Chloroethane	µg/L	5	5										
Chloroform	µg/L	7	7										
Chloromethane	µg/L	5	5										
Dibromochloromethane	µg/L	50	NA										
Dibromomethane	µg/L	NA	5										
Ethylbenzene	µg/L	5	5										
Iodomethane	µg/L	5	5										
Methylene chloride	µg/L	5	5										
Styrene	µg/L	5	5										
Tetrachloroethene	µg/L	5	5										
Toluene	µg/L	5	5										
Trichloroethene	µg/L	5	5										
Trichlorofluoromethane	µg/L	5	5										
Vinyl acetate	µg/L	NA	NA										
Vinyl chloride	µg/L	2	2										
cis-1,2-Dichloroethene	µg/L	5	5										
cis-1,3-Dichloropropene	µg/L	5	0.4										
m,p-Xylene	µg/L	NA	5										
o-Xylene	µg/L	5	5										
trans-1,2-Dichloroethene	µg/L	5	5										
trans-1,3-Dichloropropene	µg/L	5	0.4										
trans-1,4-Dichloro-2-butene	µg/L	5	5										

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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Parameter	Units	GW Std.	Grey Till Trigger		MW - 11 May-96		MW - 11 Aug-96		MW - 11 Nov-96		MW - 11 Feb-97	MW - 11 Jun-97	MW - 11 Aug-97	MW - 11 Nov-97	MW - 11 Feb-98	MW - 11 May-98	MW - 11 Aug-98	MW - 11 Nov-98	MW-11 Feb-99	MW-11 May-99	MW-11 Aug-99
Conductivity	umhos/cm	NA	1153		287		283		350		363	338	342	333	340	298	310	313	340	338	332
Eh	mV	NA	426		232		154		215		269	235.4	237.2	204.7	255.6	333	282.7	213.9	255.6	251.1	248.3
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.9		8.3		8.2		8.3	8.07	8.23	8.34	8.13	6.9	8.39	8.45	8.51	8.38	8.4
Temperature	degC	NA	NA													8	10	9.7	6		9.9
Turbidity	NTU	5	15		10		14		9		8	34.1	10.05	24	19.2	3.2	13.5	9.65	9.5	18.2	18
Water Level	ft	NA	NA													3.35	7	4.65	3.5	6.6	10.43
Bromide	mg/L	NA	1.5	<	0.1	<	1	<	1	<	1	u	u	u	U	U	U	U	U	U	1
Aluminum	µg/L	NA	502									234					U				
Antimony	µg/L	3	38									u					U				
Arsenic	µg/L	25	6									2					4				
Barium	µg/L	1000	229									64					66				
Beryllium	µg/L	3	3									u					U				
Cadmium	µg/L	10	6	<	3.1	<	2.4		2.6	<	2.3	u	u	u	5	U	U	U	U	U	5
Calcium	µg/L	NA	128000		19000		19600		20400		20700	22400	20200	21700	23300	18700	17700	17000	19000	22800	19700
Chromium	µg/L	50	51									15					U				
Cobalt	µg/L	NA	18									u					U				
Copper	µg/L	200	28									u					U				
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		NA				126		546	123	116	121	112	108	106	103	114	123	115
Iron	µg/L	300	900	<	20.7		0.146		126		81.7	359	201	207	193	75	59	130	49	184	42
Lead	µg/L	25	4		2.3	<	2.3	<	2.4	<	1	3	5	2	U	U	18	3	1	1	2
Magnesium	µg/L	35000	58600		17900		17700		18300		18000	16300	15900	16300	13100	14800	14900	14800	15200	16000	16000
Manganese	µg/L	300	88		7.6		14		13.8		13.6	23	21	18	8	5	5	10	U	6	5
Mercury	µg/L	2	7									u					U				
Nickel	µg/L	NA	50									u					U				
Potassium	µg/L	NA	8000	<	2020	<	1840	<	1840	<	838	3920	2780	2610	7460	2700	2380	1950	2890	2690	2130
Selenium	µg/L	10	4									u					U				
Silver	µg/L	50	39									u					U				
Sodium	µg/L	20000	39000		25100		28700		25500		24500	22600	22700	25900	20300	23400	24700	23000	21700	23300	24100
Thallium	µg/L	4	12									u					U				
Vanadium	µg/L	NA	24									4					U				
Zinc	µg/L	300	56									u					U				
Boron	µg/L	1	131									u					57				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		155		160		160		155	162	155	153	161	154	198	157	166	199	164
Biochemical Oxygen Demand	mg/L	NA	19.8	<	2	<	2	<	2	<	2	u	u	u	U	U	U	U	U	U	3
Chemical Oxygen Demand	mg/L	NA	48.5	<	5	<	5	<	5	<	5	30.7	u	u	U	U	U	U	U	U	5
Chloride	mg/L	250	3.9	<	1	<	1	<	1	<	1	u	u	1	2.32	U	U	U	U	U	1
Color	UNITS	15	46									15					U				
Cyanide	µg/L	100	9.2									u					U				
Hexavalent chromium	mg/L	0.05	0.031									u					U				
Nitrogen, Ammonia (As N)	mg/L	2	1		0.114	<	0.1		0.13		0.14	U	0.107	0.035	U	U	U	U	0.15	0.185	0.568
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	1	<	1	<	1		1.4	u	u	u	U	U	U	U	1.22	U	1.74
Nitrogen, Nitrate (As N)	mg/L	10	0.2		0.31		0.059		0.04		0.03	0.085	0.481	0.143	U	U	0.05	U	0.094	U	0.1
Organic Carbon, Total	mg/L	NA	26.1		1		1.1	<	1	<	1	1.4	1.7	1.1	U	U	1.5	1.1	U	1.5	1
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.002	<	0.002	<	0.002	<	0.002	0.002	u	u	U	U	U	U	U	U	0.001
Residue, Dissolved (TDS)	mg/L	500	582		168		175		165		170	184	182	165	199	169	202	185	163	216	191
Sulfate	mg/L	250	66		16		17		16		16	18	16	19	23	21	19	18	16	16	20

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Parameter	Units	GW Std.	Grey Till Trigger	MW - 11 May-96	MW - 11 Aug-96	MW - 11 Nov-96	MW - 11 Feb-97	MW - 11 Jun-97	MW - 11 Aug-97	MW - 11 Nov-97	MW - 11 Feb-98	MW - 11 May-98	MW - 11 Aug-98	MW - 11 Nov-98	MW-11 Feb-99	MW-11 May-99	MW-11 Aug-99
1,1,1,2-Tetrachloroethane	µg/L	5	5														
1,1,1-Trichloroethane	µg/L	5	5														
1,1,2,2-Tetrachloroethane	µg/L	5	5														
1,1,2-Trichloroethane	µg/L	5	1														
1,1-Dichloroethane	µg/L	5	5														
1,1-Dichloroethene	µg/L	5	5														
1,2,3-Trichloropropane	µg/L	5	0.04														
1,2-Dibromo-3-chloropropane	µg/L	5	0.4														
1,2-Dibromoethane	µg/L	5	5														
1,2-Dichlorobenzene	µg/L	4.7	3														
1,2-Dichloroethane	µg/L	5	0.6														
1,2-Dichloropropane	µg/L	5	1														
1,3-Dichlorobenzene	µg/L	5	3														
1,4-Dichlorobenzene	µg/L	4.7	3														
2-Butanone	µg/L	50	NA														
2-Hexanone	µg/L	50	NA														
4-Methyl-2-pentanone	µg/L	NA	NA														
Acetone	µg/L	50	NA														
Acrylonitrile	µg/L	NA	5														
Benzene	µg/L	0.7	1														
Bromochloromethane	µg/L	5	5														
Bromodichloromethane	µg/L	50	5														
Bromoform	µg/L	50	NA														
Bromomethane	µg/L	NA	5														
Carbon disulfide	µg/L	NA	NA														
Carbon tetrachloride	µg/L	5	5														
Chlorobenzene	µg/L	5	5														
Chloroethane	µg/L	5	5														
Chloroform	µg/L	7	7														
Chloromethane	µg/L	5	5														
Dibromochloromethane	µg/L	50	NA														
Dibromomethane	µg/L	NA	5														
Ethylbenzene	µg/L	5	5														
Iodomethane	µg/L	5	5														
Methylene chloride	µg/L	5	5														
Styrene	µg/L	5	5														
Tetrachloroethene	µg/L	5	5														
Toluene	µg/L	5	5														
Trichloroethene	µg/L	5	5														
Trichlorofluoromethane	µg/L	5	5														
Vinyl acetate	µg/L	NA	NA														
Vinyl chloride	µg/L	2	2														
cis-1,2-Dichloroethene	µg/L	5	5														
cis-1,3-Dichloropropene	µg/L	5	0.4														
m,p-Xylene	µg/L	NA	5														
o-Xylene	µg/L	5	5														
trans-1,2-Dichloroethene	µg/L	5	5														
trans-1,3-Dichloropropene	µg/L	5	0.4														
trans-1,4-Dichloro-2-butene	µg/L	5	5														

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.	Grey Till Trigger		MW-11 Nov-99		MW-11 Feb-00		MW-11 May-00		MW-11 Aug-00		MW-11 Nov-00		MW-11 Feb-01		MW-11 May-01		MW-11 Sep-01		MW-11 Nov-01		MW - 11 Feb-02		MW - 11 May-02		MW - 11 Aug-02		MW - 11 Nov-02	
Conductivity	umhos/cm	NA	1153		329		402		367		356		368		337		341		313		248		193		226		267		217	
Eh	mV	NA	426		264		299		190.1		240.2		223.9		183.4		156.7		122		101	-	161		113		111		30	
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.37		8.26		8.31		8.23		8.36		8.37		8.4		8.66		8.79		9.25		8.44		8.23		8.2	
Temperature	degC	NA	NA		9.2		6.8		7.2		10.6		9		5.8		10.2		17		12		4.6		9		15		9	
Turbidity	NTU	5	15		17.5		9.75		14		7.5		8.35		7.5		7		1.5		4		8		20		20		8	
Water Level	ft	NA	NA		5.55		6.85		3.26		7.96		4.71		3.6		4.23		9.92		8.15		4.32		4.71		9.9		7.75	
Bromide	mg/L	NA	1.5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<
Aluminum	µg/L	NA	502		254		75	U								U	75										580			
Antimony	µg/L	3	38		50	U	50	U								U	50									<	15			
Arsenic	µg/L	25	6		8		3										5									<	10			
Barium	µg/L	1000	229		74		53										57										83.5			
Beryllium	µg/L	3	3		2	U	2	U								U	2									<	3			
Cadmium	µg/L	10	6	U	5	U	5	U	5	U	5	U	5	U	5	U	5	<	5	<	5	<	5	<	5	<	5	<	5	<
Calcium	µg/L	NA	128000		17200		31600		27700		21900		24000		20800		18700		27800		16700		18100		18800		18800		33300	
Chromium	µg/L	50	51		10	U	10	U								U	10									<	5			
Cobalt	µg/L	NA	18		10	U	10	U								U	10									<	20			
Copper	µg/L	200	28		17	U	17	U								U	17									<	10			
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		106		146		136		123		124		117		110		139		105		112		116		120		170	
Iron	µg/L	300	900		286		130		212		119		149		73		121		3140		81.4		175		1100		761		5260	
Lead	µg/L	25	4		1	U	7		1	U	2		1	U	1		12	<	3	<	3	<	3		3.28	<	3		3.9	<
Magnesium	µg/L	35000	58600		15200		16200		16300		16600		15600		15700		15400		17000		15400		16200		16800		17200		20900	
Manganese	µg/L	300	88	U	16		5	U	9		5		7		5	U	5		230	<	10	<	10		28.5		21		187	<
Mercury	µg/L	2	7		0.2	U	0.2	U								U	0.2									<	0.20			
Nickel	µg/L	NA	50		16		12	U								U	12									<	30			
Potassium	µg/L	NA	8000		2540		7380		4610		3410		8980		3080		2120		2940	<	1000		1970		1660		1890		2960	
Selenium	µg/L	10	4		2	U	2	U	0							U	2									<	5			
Silver	µg/L	50	39		10	U	10	U								UJ	10									<	10			
Sodium	µg/L	20000	39000		22000		21800		22600		23800		26000		23100		19100		24100		19500		20900		18100		19500		21200	
Thallium	µg/L	4	12		1	U	1	U	0							U	1									<	10			
Vanadium	µg/L	NA	24		10	U	10	U								U	10									<	30			
Zinc	µg/L	300	56		20	U	20	U								U	20										67.3			
Boron	µg/L	1	131		70		54										84									<	0.5			
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		202		192		187		160		172		160		151		160		160		140		180		150		120	
Biochemical Oxygen Demand	mg/L	NA	19.8	U	3	U	3	U	3	U	3	U	3	U	3	U	3	<	4	<	4	<	4	<	4	<	4	<	4	<
Chemical Oxygen Demand	mg/L	NA	48.5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	<	20	<	20	<	20	<	20		20	<	20	<
Chloride	mg/L	250	3.9	U	1	U	1.38		1	U	1	U	1	U	1	U	1		1		2	<	1	<	1	<	1		1	
Color	UNITS	15	46		10		20									U	5										34			
Cyanide	µg/L	100	9.2		0.01	U	0.01	U								U	0.01									<	0.01			
Hexavalent chromium	mg/L	0.05	0.031		0.01	U	0.01	U								U	0.01									<	0.01			
Nitrogen, Ammonia (As N)	mg/L	2	1		0.116		0.1	U	0.13		0.1	U	0.1	U	0.1	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9		1	U	1	U	1	U	1	U	1	U	1	U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
Nitrogen, Nitrate (As N)	mg/L	10	0.2		0.05	U	0.05	U	0.05	U	0.076		0.148		0.071	U	0.1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<
Organic Carbon, Total	mg/L	NA	26.1	U	1.8		2		1.2		2		1.5		1.3	J	1.1		4	<	3	<	3	<	3	<	3	<	3	<
Phenolics, Total Recoverable	mg/L	0.001	0.0088		0.005	U	0.004		0.004	U	0.004	U	0.004		0.0056	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<
Residue, Dissolved (TDS)	mg/L	500	582		170		207		228		174		190		165		194		190		210		190		150		240		150	
Sulfate	mg/L	250	66		24		22		21		18		20		18		15.7		16		18		18		15		21		19	

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Parameter	Units	GW Std.	Grey Till Trigger		MW-11 Nov-99		MW-11 Feb-00		MW-11 May-00		MW-11 Aug-00		MW-11 Nov-00		MW-11 Feb-01		MW-11 May-01		MW-11 Sep-01		MW-11 Nov-01		MW - 11 Feb-02		MW - 11 May-02		MW - 11 Aug-02		MW - 11 Nov-02
1,1,1,2-Tetrachloroethane	µg/L	5	5				5	U								U	5									<	5		
1,1,1-Trichloroethane	µg/L	5	5				5	U								U	5									<	5		
1,1,2,2-Tetrachloroethane	µg/L	5	5				5	U								U	5									<	5		
1,1,2-Trichloroethane	µg/L	5	1				5	U								U	5									<	5		
1,1-Dichloroethane	µg/L	5	5				5	U								U	5									<	5		
1,1-Dichloroethene	µg/L	5	5				5	U								U	5									<	5		
1,2,3-Trichloropropane	µg/L	5	0.04				5	U								U	5									<	5		
1,2-Dibromo-3-chloropropane	µg/L	5	0.4				5	U								U	5									<	10		
1,2-Dibromoethane	µg/L	5	5				5	U								U	5									<	5		
1,2-Dichlorobenzene	µg/L	4.7	3				2	U								U	2									<	5		
1,2-Dichloroethane	µg/L	5	0.6				5	U								U	5									<	5		
1,2-Dichloropropane	µg/L	5	1				5	U								U	5									<	5		
1,3-Dichlorobenzene	µg/L	5	3																										
1,4-Dichlorobenzene	µg/L	4.7	3				2	U								U	2									<	5		
2-Butanone	µg/L	50	NA				25	U								U	25									<	10		
2-Hexanone	µg/L	50	NA				10	U								U	10									<	10		
4-Methyl-2-pentanone	µg/L	NA	NA				10	U								U	10									<	10		
Acetone	µg/L	50	NA				25	U								D	25									<	10		
Acrylonitrile	µg/L	NA	5				20	U								U	20									<	100		
Benzene	µg/L	0.7	1				0.7	U								U	0.7									<	5		
Bromochloromethane	µg/L	5	5				5	U								U	5									<	5		
Bromodichloromethane	µg/L	50	5				5	U								U	5									<	5		
Bromoform	µg/L	50	NA				5	U								U	5									<	5		
Bromomethane	µg/L	NA	5				5	U								U	5									<	5		
Carbon disulfide	µg/L	NA	NA				5	U								U	5									<	5		
Carbon tetrachloride	µg/L	5	5				5	U								U	5									<	5		
Chlorobenzene	µg/L	5	5				5	U								U	5									<	5		
Chloroethane	µg/L	5	5				5	U								U	5									<	5		
Chloroform	µg/L	7	7				5	U								U	5									<	5		
Chloromethane	µg/L	5	5				5	U								U	5									<	5		
Dibromochloromethane	µg/L	50	NA				5	U								U	5									<	5		
Dibromomethane	µg/L	NA	5				5	U								U	5									<	5		
Ethylbenzene	µg/L	5	5				5	U								U	5									<	5		
Iodomethane	µg/L	5	5				5	U								U	5									<	5		
Methylene chloride	µg/L	5	5				5	U								U	5									<	5		
Styrene	µg/L	5	5				5	U								U	5									<	5		
Tetrachloroethene	µg/L	5	5				5	U								U	5									<	5		
Toluene	µg/L	5	5				5	U								U	5									<	5		
Trichloroethene	µg/L	5	5				5	U								U	5									<	5		
Trichlorofluoromethane	µg/L	5	5				5	U								U	5									<	5		
Vinyl acetate	µg/L	NA	NA				5	U								U	5									<	50		
Vinyl chloride	µg/L	2	2				2	U								U	2									<	5		
cis-1,2-Dichloroethene	µg/L	5	5				5	U								U	5									<	5		
cis-1,3-Dichloropropene	µg/L	5	0.4				5	U								U	5									<	5		
m,p-Xylene	µg/L	NA	5				5	U								U	5									<	5		
o-Xylene	µg/L	5	5				5	U								U	5									<	5		
trans-1,2-Dichloroethene	µg/L	5	5				5	U								U	5									<	5		
trans-1,3-Dichloropropene	µg/L	5	0.4				5	U								U	5									<	5		
trans-1,4-Dichloro-2-butene	µg/L	5	5				5	U								U	5									<	10		

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HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger	MW - 11 Feb-03		MW - 11 May-03		MW - 11 Aug-03		MW - 11 Nov-03		MW - 11 Feb-04		MW - 11 May-04		MW - 11 Aug-04		MW - 11 Nov-04		MW-11 Feb-05		MW-11 May-05
Conductivity	umhos/cm	NA	1153	176		274		325		365		365		230		282		225		223		252
Eh	mV	NA	426	75		40		65		40		45		35		65		100		80		60
Field pH	SU	6.5 - 8.5	5.0 - 10.4	8.4		8.96		8.74		7.81		7.88		7.07		8.05		8.4		8.44		8.41
Temperature	degC	NA	NA	3		10		14		9		5		10		14		9		5		9
Turbidity	NTU	5	15	4		2		4		2		17		12		5		8		11		5
Water Level	ft	NA	NA	7.5		5.12		9.4		3.44		5.04		4.8		6.65		4.95		5.13		3.88
Bromide	mg/L	NA	1.5	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	µg/L	NA	502						<	100		848										331
Antimony	µg/L	3	38						<	15	<	15									<	15
Arsenic	µg/L	25	6						<	10	<	10									<	10
Barium	µg/L	1000	229						<	50		60										68.9
Beryllium	µg/L	3	3						<	3	<	3									<	3
Cadmium	µg/L	10	6	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000	17400		31500		18900		27900		31800		19800		18900		20100		36400		22300
Chromium	µg/L	50	51						<	5	<	5									<	5
Cobalt	µg/L	NA	18						<	20	<	20									<	20
Copper	µg/L	200	28						<	10	<	10									<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA	110		321		110		120		140		120		126		129		161		130
Iron	µg/L	300	900	114		191		211		224		1070		479		214		394		541		431
Lead	µg/L	25	4	3		3.17	<	3		3.01		3.51	<	3	<	3	<	3		3.52	<	3
Magnesium	µg/L	35000	58600	15700		6540		15100		11500		15600		17500		19100		19000		17100		18100
Manganese	µg/L	300	88	10		41.3		48.7				29.5		15.3		13.9		13.2		14.5		16.2
Mercury	µg/L	2	7						<	0.2	<	0.2									<	0.2
Nickel	µg/L	NA	50						<	30	<	30									<	30
Potassium	µg/L	NA	8000	2460		7090		2960		8540		4520		2600		1660		2040		3880		5010
Selenium	µg/L	10	4						<	5	<	5									<	5
Silver	µg/L	50	39						<	10	<	10									<	10
Sodium	µg/L	20000	39000	18400		6230		17100		13800		14400		18400		18200		19300		15300		19100
Thallium	µg/L	4	12						<	10		28.2									<	10
Vanadium	µg/L	NA	24						<	30	<	30									<	30
Zinc	µg/L	300	56							76.9		60.2										39.2
Boron	µg/L	1	131						<	0.5	<	0.5									<	500
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517	150		140		160		180		200		170		180		260		300		200
Biochemical Oxygen Demand	mg/L	NA	19.8	4	<	4	<	4	<	4	<	4	<	4	<	4		6	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	20	<	20	<	20	<	20	<	20		16	<	20	<	20		22	<	20
Chloride	mg/L	250	3.9	2		1		1		2		3		1.66		15.6		4.3		2.81		1.53
Color	UNITS	15	46							17		15										50
Cyanide	µg/L	100	9.2						<	0.01	<	0.01									<	10
Hexavalent chromium	mg/L	0.05	0.031						<	0.01	<	0.01									<	0.01
Nitrogen, Ammonia (As N)	mg/L	2	1	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	3		5	<	3		5	<	3		4	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	0.005		0.008	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582	200		170		250		200		200		193		140		175		235		195
Sulfate	mg/L	250	66	19		11		16		16		20		9.22		20.5		29.9		22.5		18.1

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Parameter	Units	GW Std.	Grey Till Trigger	MW - 11 Feb-03		MW - 11 May-03		MW - 11 Aug-03		MW - 11 Nov-03		MW - 11 Feb-04		MW - 11 May-04		MW - 11 Aug-04		MW - 11 Nov-04		MW-11 Feb-05		MW-11 May-05
1,1,1,2-Tetrachloroethane	µg/L	5	5						<	5	<	5									<	5
1,1,1-Trichloroethane	µg/L	5	5						<	5	<	5									<	5
1,1,2,2-Tetrachloroethane	µg/L	5	5						<	5	<	5									<	5
1,1,2-Trichloroethane	µg/L	5	1						<	5	<	5									<	5
1,1-Dichloroethane	µg/L	5	5						<	5	<	5									<	5
1,1-Dichloroethene	µg/L	5	5						<	5	<	5									<	5
1,2,3-Trichloropropane	µg/L	5	0.04						<	5	<	5									<	5
1,2-Dibromo-3-chloropropane	µg/L	5	0.4						<	10	<	10									<	10
1,2-Dibromoethane	µg/L	5	5						<	5	<	5									<	5
1,2-Dichlorobenzene	µg/L	4.7	3						<	5	<	5									<	5
1,2-Dichloroethane	µg/L	5	0.6						<	5	<	5									<	5
1,2-Dichloropropane	µg/L	5	1						<	5	<	5									<	5
1,3-Dichlorobenzene	µg/L	5	3																		<	5
1,4-Dichlorobenzene	µg/L	4.7	3						<	5	<	5									<	5
2-Butanone	µg/L	50	NA						<	10	<	10									<	10
2-Hexanone	µg/L	50	NA						<	10	<	10									<	10
4-Methyl-2-pentanone	µg/L	NA	NA						<	10	<	10									<	10
Acetone	µg/L	50	NA						<	10	<	10									<	10
Acrylonitrile	µg/L	NA	5						<	100	<	100									<	100
Benzene	µg/L	0.7	1						<	5	<	5									<	5
Bromochloromethane	µg/L	5	5						<	5	<	5									<	5
Bromodichloromethane	µg/L	50	5						<	5	<	5									<	5
Bromoform	µg/L	50	NA						<	5	<	5									<	5
Bromomethane	µg/L	NA	5						<	5	<	5									<	5
Carbon disulfide	µg/L	NA	NA						<	5	<	5									<	5
Carbon tetrachloride	µg/L	5	5						<	5	<	5									<	5
Chlorobenzene	µg/L	5	5						<	5	<	5									<	5
Chloroethane	µg/L	5	5						<	5	<	5									<	5
Chloroform	µg/L	7	7						<	5	<	5									<	5
Chloromethane	µg/L	5	5						<	5	<	5									<	5
Dibromochloromethane	µg/L	50	NA						<	5	<	5									<	5
Dibromomethane	µg/L	NA	5						<	5	<	5									<	5
Ethylbenzene	µg/L	5	5						<	5	<	5									<	5
Iodomethane	µg/L	5	5						<	5	<	5									<	5
Methylene chloride	µg/L	5	5							2	<	5									<	5
Styrene	µg/L	5	5						<	5	<	5									<	5
Tetrachloroethene	µg/L	5	5						<	5	<	5									<	5
Toluene	µg/L	5	5						<	5	<	5									<	5
Trichloroethene	µg/L	5	5						<	5	<	5									<	5
Trichlorofluoromethane	µg/L	5	5						<	5	<	5									<	5
Vinyl acetate	µg/L	NA	NA						<	50	<	50									<	50
Vinyl chloride	µg/L	2	2						<	5	<	5									<	5
cis-1,2-Dichloroethene	µg/L	5	5						<	5	<	5									<	5
cis-1,3-Dichloropropene	µg/L	5	0.4						<	5	<	5									<	5
m,p-Xylene	µg/L	NA	5						<	5	<	5									<	5
o-Xylene	µg/L	5	5						<	5	<	5									<	5
trans-1,2-Dichloroethene	µg/L	5	5						<	5	<	5									<	5
trans-1,3-Dichloropropene	µg/L	5	0.4						<	5	<	5									<	5
trans-1,4-Dichloro-2-butene	µg/L	5	5						<	10	<	10									<	10

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	Units	GW Std.	Grey Till		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11
Parameter			Trigger		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08
Conductivity	umhos/cm	NA	1153		335		426		381		347		363		376		426		247		334		442		411		541		459
Eh	mV	NA	426		65		30		55		-80		-80		125		78		-123		-193		-98		-83		-133		-59
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.52		8		8.35		8.44		8.63		8.4		8.16		8.21		8.71		8.22		8.27		8.68		8.21
Temperature	degC	NA	NA		15		4.2		1.3		14.2		15.3		11.2		11.6		10.2		15.8		10.5		4.1		12		17.2
Turbidity	NTU	5	15		2		1.67		4.03		5.75		3.97		3.37		6.05		19.6		10.3		17.5		11.3		13.6		14.4
Water Level	ft	NA	NA		9.82		3.69		3.71		4.45		6.89		6.42		4.53		4.45		6.41		4.2		3.66		4.47		4.43
Bromide	mg/L	NA	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	0.2	R<	0.2	<	0.2	<	0.2
Aluminum	µg/L	NA	502				173					<	100										443	<	100				
Antimony	µg/L	3	38			<	15					<	15									<	15	<	15				
Arsenic	µg/L	25	6			<	10					<	10									<	10	<	10				
Barium	µg/L	1000	229			<	50						57									<	50		65.9				
Beryllium	µg/L	3	3			<	3					<	3									<	3	UJ	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		20900		38400		21900		24500		24700		40700		59400		33700		54000		56600		44300		48600		75300
Chromium	µg/L	50	51			<	5					<	5									<	5	<	5				
Cobalt	µg/L	NA	18			<	20					<	20									<	20	<	20				
Copper	µg/L	200	28				14.9					<	10									<	10	<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		400		156		133		123		562		164		209		136		179		208		182		184000		258000
Iron	µg/L	300	900		120		347		591		308		392		201		780		349		691		598	J	241		194		1250
Lead	µg/L	25	4	<	3	<	3		18.3	<	3	<	3	<	3	<	3	<	3		4.5	<	3	UJ	3	<	3	<	3
Magnesium	µg/L	35000	58600		20000		14500		19000		15100		15200		15300		14700		12700		10700		16100	J	17400		15300		16900
Manganese	µg/L	300	88		13.1		62.3		16.4		12.1		12.5	<	10		57.8		16.6		21.9		19.7	UJ<	10		28.7		20.1
Mercury	µg/L	2	7			<	0.2					<	0.2									<	0.2	<	0.2				
Nickel	µg/L	NA	50			<	30					<	30									<	30	<	30				
Potassium	µg/L	NA	8000		1670		2690		1720		2200		4070		5030		3920		2770		5260		3930		5180		5010		5290
Selenium	µg/L	10	4			<	5					<	5				10600					<	5	UJ	5				
Silver	µg/L	50	39			<	10					<	10									<	10	<	10				
Sodium	µg/L	20000	39000		20300		11400		21000		16400		16200		15600				11700		6950		10400		15800		13700		12500
Thallium	µg/L	4	12			<	10					<	10									<	10	UJ	10				
Vanadium	µg/L	NA	24			<	30					<	30									<	30	<	30				
Zinc	µg/L	300	56				22.6						41.6										16.9		19.3				
Boron	µg/L	1	131			<	500					<	500									<	500	<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		210		220		230		220		200		200		210		180		240		220		210		210		270
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4		11		10	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		22	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		8.76		2.71		4.4		3.7		1.81		2.07		2.98		2.31		1.33		3.3		1.94		2.03		1.46
Color	UNITS	15	46			<	5						12									<	10	<	5				
Cyanide	µg/L	100	9.2			<	10					<	10									<	10	UJ	10				
Hexavalent chromium	mg/L	0.05	0.031			<	0.01					<	0.01									<	0.01	<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.2		0.231		0.203		0.678	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3		4	<	3		4	<	3	<	3	<	3	<	3	<	3		3.8	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005		0.007	<	0.005	<	0.005	<	0.005		0.006		0.014	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		165		212		315		185		235		238		223		162		222		218		205		222		210
Sulfate	mg/L	250	66		12.6		13.6		15.6		15		14.8		14.1	<	5		11	<	5		13.6		21.1		13.7		21.8

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Parameter	Units	GW Std.	Grey Till Trigger	MW-11 Aug-05		MW-11 Dec-05	MW-11 Feb-06	MW-11 Jun-06		MW-11 Aug-06	MW-11 Nov-06	MW-11 Feb-07	MW-11 May-07	MW-11 Aug-07		MW-11 Nov-07		MW-11 Feb-08	MW-11 May-08	MW-11 Aug-08
1,1,1,2-Tetrachloroethane	µg/L	5	5		<	5			<	5					<	5	<	5		
1,1,1-Trichloroethane	µg/L	5	5		<	5			<	5					<	5	<	5		
1,1,2,2-Tetrachloroethane	µg/L	5	5		<	5			<	5					<	5	<	5		
1,1,2-Trichloroethane	µg/L	5	1		<	5			<	5					<	5	<	5		
1,1-Dichloroethane	µg/L	5	5		<	5			<	5					<	5	<	5		
1,1-Dichloroethene	µg/L	5	5		<	5			<	5					<	5	<	5		
1,2,3-Trichloropropane	µg/L	5	0.04		<	5			<	5					<	5	<	5		
1,2-Dibromo-3-chloropropane	µg/L	5	0.4		<	10			<	10					<	10	<	10		
1,2-Dibromoethane	µg/L	5	5		<	5			<	5					<	5	<	5		
1,2-Dichlorobenzene	µg/L	4.7	3		<	5			<	5					<	5	<	5		
1,2-Dichloroethane	µg/L	5	0.6		<	5			<	5					<	5	<	5		
1,2-Dichloropropane	µg/L	5	1		<	5			<	5					<	5	<	5		
1,3-Dichlorobenzene	µg/L	5	3		<	5			<	5					<	5	<	5		
1,4-Dichlorobenzene	µg/L	4.7	3		<	5			<	5					<	5	<	5		
2-Butanone	µg/L	50	NA		<	10			<	10					<	10	<	10		
2-Hexanone	µg/L	50	NA		<	10			<	10					<	10	<	10		
4-Methyl-2-pentanone	µg/L	NA	NA		<	10			<	10					<	10	<	10		
Acetone	µg/L	50	NA		<	10			<	10					<	10	<	10		
Acrylonitrile	µg/L	NA	5		<	100			<	100					<	100	<	100		
Benzene	µg/L	0.7	1		<	5			<	5					<	5	<	5		
Bromochloromethane	µg/L	5	5		<	5			<	5					<	5	<	5		
Bromodichloromethane	µg/L	50	5		<	5			<	5					<	5	<	5		
Bromoform	µg/L	50	NA		<	5			<	5					<	5	<	5		
Bromomethane	µg/L	NA	5		<	5			<	5					<	5	<	5		
Carbon disulfide	µg/L	NA	NA		<	5			<	5					<	5	<	5		
Carbon tetrachloride	µg/L	5	5		<	5			<	5					<	5	<	5		
Chlorobenzene	µg/L	5	5		<	5			<	5					<	5	<	5		
Chloroethane	µg/L	5	5		<	5			<	5					<	5	<	5		
Chloroform	µg/L	7	7		<	5			<	5					<	5	<	5		
Chloromethane	µg/L	5	5		<	5			<	5					<	5	<	5		
Dibromochloromethane	µg/L	50	NA		<	5			<	5					<	5	<	5		
Dibromomethane	µg/L	NA	5		<	5			<	5					<	5	<	5		
Ethylbenzene	µg/L	5	5		<	5			<	5					<	5	<	5		
Iodomethane	µg/L	5	5		<	5			<	5					<	5	<	5		
Methylene chloride	µg/L	5	5		<	5			<	5					<	5	<	5		
Styrene	µg/L	5	5		<	5			<	5					<	5	<	5		
Tetrachloroethene	µg/L	5	5		<	5			<	5					<	5	<	5		
Toluene	µg/L	5	5		<	5			<	5					<	5	<	5		
Trichloroethene	µg/L	5	5		<	5			<	5					<	5	<	5		
Trichlorofluoromethane	µg/L	5	5		<	5			<	5					<	5	<	5		
Vinyl acetate	µg/L	NA	NA		<	50			<	5					<	50	<	50		
Vinyl chloride	µg/L	2	2		<	5			<	5					<	5	<	5		
cis-1,2-Dichloroethene	µg/L	5	5		<	5			<	5					<	5	<	5		
cis-1,3-Dichloropropene	µg/L	5	0.4		<	5			<	5					<	5	<	5		
m,p-Xylene	µg/L	NA	5		<	5			<	10					<	5	<	5		
o-Xylene	µg/L	5	5		<	5			<	5					<	5	<	5		
trans-1,2-Dichloroethene	µg/L	5	5		<	5			<	5					<	5	<	5		
trans-1,3-Dichloropropene	µg/L	5	0.4		<	5			<	50					<	5	<	5		
trans-1,4-Dichloro-2-butene	µg/L	5	5		<	10			<	5					<	10	<	10		

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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	Units	GW Std.	Grey Till		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11		MW-11
Parameter			Trigger		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	NA	1153		382		446		236		214		1365		202		275		166		412		499		444		453		478
Eh	mV	NA	426		-59		-57		168		161		147		112		262		216		-27		56		13		-9		52
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.04		8.03		7.54		7.73		7.81		7.91		7.38		7.26		8.23		8.09		7.76		7.88		8.02
Temperature	degC	NA	NA		10.4		3.5		14		17.1		9		6.3		12.8		19.1		9.8		4.6		18.1		22.6		15.6
Turbidity	NTU	5	15		5.37		7.28		9.23		13		17.2		11.3		3.89		24.3		9.19		3.17		5.83		9.23		1.2
Water Level	ft	NA	NA		3.78		2.89		3.72		4.28		8.9		3.65		3.67		4.37		3.51		3.55		8.32		5.21		2.78
Bromide	mg/L	NA	1.5	<	2	<	0.2	<	0.2	<	2	<	2	<	0.4	<	0.8	<	0.8	<	1.6	<	0.8	UJ	8	<	0.8	<	8
Aluminum	µg/L	NA	502						175										205						120				
Antimony	µg/L	3	38					<	30									<	5 uj					<	5				
Arsenic	µg/L	25	6					<	10									<	5					<	5				
Barium	µg/L	1000	229					<	50										73.6						91.6				
Beryllium	µg/L	3	3					<	3									<	3					<	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		17.2	<	5	<	5
Calcium	µg/L	NA	128000		40900		83900		55600		63600		35900		72700		60700		59800		57300		63800		53200		54300		34700
Chromium	µg/L	50	51					<	5									<	10					<	10				
Cobalt	µg/L	NA	18					<	20									<	20					<	20				
Copper	µg/L	200	28					<	10									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		178000		263000		199000		231000		167000		248000		211000		221000		218000		226000		214000		218000		174000
Iron	µg/L	300	900		120		1050		678		1170		186		1560		346		1180		1100		405	J	1260		132		390
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600		18500		13000		14600		17500		18800		16000		14500		17500		18300		16100		19700		19900		21300
Manganese	µg/L	300	88	<	10		134		107		158		14.6		40.1		106		10.7		124		274	J	124		26.4		26.8
Mercury	µg/L	2	7					<	0.2									<	0.2					<	0.2				
Nickel	µg/L	NA	50					<	30									<	30					<	30				
Potassium	µg/L	NA	8000		3800		2050		3590		4210	<	5000	<	5000		5730		6400		5710	<	5000	<	5000		6340	<	5000
Selenium	µg/L	10	4					<	5									<	3					<	3				
Silver	µg/L	50	39					<	10									<	Reject					<	10				
Sodium	µg/L	20000	39000		19300		3190		9730		14900		19200		10800		11500		15200		19100		14100		21000		20300		23800
Thallium	µg/L	4	12					<	10									<	3					UJ	3				
Vanadium	µg/L	NA	24					<	30									<	30					<	30				
Zinc	µg/L	300	56					<	10										19						14.2				
Boron	µg/L	1	131					<	500									<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		200		280		220		250		180		270		240		230		190		300		240		260		220
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4		4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20		24	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		2.2		2.52		2.43		2.33		2.65		2.41		2.56		2.85		1.62		2.61		2.65		2.78		2.79
Color	UNITS	15	46						15										8						11				
Cyanide	µg/L	100	9.2					<	10									<	10					<	10				
Hexavalent chromium	mg/L	0.05	0.031					<	0.01									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.0855		0.0716		0.187		0.179		0.066	J	0.132		0.137		0.104
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3	<	3		4.7	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	J	0.007	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		232		230		280		370		140		1700		300		290		240		320		290		150		73
Sulfate	mg/L	250	66		16.1		6.37		7.37		15.8		20.5		12.9	<	5		17.6		23.6		11.3	J	13.9		11.8		20.1

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.	Grey Till Trigger	MW-11 Nov-08	MW-11 Feb-09	MW-11 May-09	MW-11 Aug-09	MW-11 Nov-09	MW-11 Feb-10	MW-11 May-10	MW-11 Aug-10	MW-11 Nov-10	MW-11 Jan-11	MW-11 Jun-11	MW-11 Jul-11	MW-11 Nov-11
1,1,1,2-Tetrachloroethane	µg/L	5	5			< 5					< 5			< 5		
1,1,1-Trichloroethane	µg/L	5	5			< 5					< 5			< 5		
1,1,2,2-Tetrachloroethane	µg/L	5	5			< 5					< 5			< 5		
1,1,2-Trichloroethane	µg/L	5	1			< 5					< 5			< 5		
1,1-Dichloroethane	µg/L	5	5			< 5					< 5			< 5		
1,1-Dichloroethene	µg/L	5	5			< 5					< 5			< 5		
1,2,3-Trichloropropane	µg/L	5	0.04			< 5					< 5			< 5		
1,2-Dibromo-3-chloropropane	µg/L	5	0.4			< 10					< 10			< 10		
1,2-Dibromoethane	µg/L	5	5			< 5					< 5			< 5		
1,2-Dichlorobenzene	µg/L	4.7	3			< 5					< 5			< 5		
1,2-Dichloroethane	µg/L	5	0.6			< 5					< 5			< 5		
1,2-Dichloropropane	µg/L	5	1			< 5					< 5			< 5		
1,3-Dichlorobenzene	µg/L	5	3			< 5					< 5			< 5		
1,4-Dichlorobenzene	µg/L	4.7	3			< 5					< 5			< 5		
2-Butanone	µg/L	50	NA			< 10					< 10			< 10		
2-Hexanone	µg/L	50	NA			< 10					< 10			< 10		
4-Methyl-2-pentanone	µg/L	NA	NA			< 10					< 10			< 10		
Acetone	µg/L	50	NA			< 10					< 10			< 10		
Acrylonitrile	µg/L	NA	5			< 100					< 100			< 100		
Benzene	µg/L	0.7	1			< 5					< 5			< 5		
Bromochloromethane	µg/L	5	5			< 5					< 5			< 5		
Bromodichloromethane	µg/L	50	5			< 5					< 5			< 5		
Bromoform	µg/L	50	NA			< 5					< 5			< 5		
Bromomethane	µg/L	NA	5			< 5					< 5			< 5		
Carbon disulfide	µg/L	NA	NA			< 5					< 5			< 5		
Carbon tetrachloride	µg/L	5	5			< 5					< 5			< 5		
Chlorobenzene	µg/L	5	5			< 5					< 5			< 5		
Chloroethane	µg/L	5	5			< 5					< 5			< 5		
Chloroform	µg/L	7	7			< 5					< 5			< 5		
Chloromethane	µg/L	5	5			< 5					< 5			< 5		
Dibromochloromethane	µg/L	50	NA			< 5					< 5			< 5		
Dibromomethane	µg/L	NA	5			< 5					< 5			< 5		
Ethylbenzene	µg/L	5	5			< 5					< 5			< 5		
Iodomethane	µg/L	5	5			< 5					< 5			< 5		
Methylene chloride	µg/L	5	5			< 5					< 5			< 5		
Styrene	µg/L	5	5			< 5					< 5			< 5		
Tetrachloroethene	µg/L	5	5			< 5					< 5			< 5		
Toluene	µg/L	5	5			< 5					< 5			< 5		
Trichloroethene	µg/L	5	5			< 5					< 5			< 5		
Trichlorofluoromethane	µg/L	5	5			< 5					< 5			< 5		
Vinyl acetate	µg/L	NA	NA			< 50					< Reject			< 50		
Vinyl chloride	µg/L	2	2			< 5					< 5			< 5		
cis-1,2-Dichloroethene	µg/L	5	5			< 5					< 5			< 5		
cis-1,3-Dichloropropene	µg/L	5	0.4			< 5					< 5			< 5		
m,p-Xylene	µg/L	NA	5			< 5					< 10			< 5		
o-Xylene	µg/L	5	5			< 5					< 5			< 5		
trans-1,2-Dichloroethene	µg/L	5	5			< 5					< 5			< 5		
trans-1,3-Dichloropropene	µg/L	5	0.4			< 5					< 50			< 5		
trans-1,4-Dichloro-2-butene	µg/L	5	5			< 10					< 5			< 10		

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.	Grey Till Trigger		MW - 12S Jun-91		MW - 12S May-92		MW - 12S Sep-93		MW - 12S May-94		MW - 12S Nov-94		MW - 12S Jan-95		MW - 12S May-95		MW - 12S Aug-95		MW - 12S Nov-95		MW - 12S Feb-96		MW - 12S May-96
Conductivity	umhos/cm	NA	1153						285		45		29		50		403		417		434		406		397
Eh	mV	NA	426						121		-207		-160		-120		259		285		182		314		239
Field pH	SU	6.5 - 8.5	5.0 - 10.4						7.53		7.54		6.95		10.3		7.9		8		8		8		8
Temperature	degC	NA	NA																						
Turbidity	NTU	5	15		570				5		1.94		1		5		7		9		10		5		10
Water Level	ft	NA	NA																						
Bromide	mg/L	NA	1.5								0.67	<	0.1	<	0.1	<	1	<	1	<	0.1	<	1	<	0.1
Aluminum	µg/L	NA	502		6410					<	100	<	57		305					<	80.9	<	80.9		
Antimony	µg/L	3	38	<	60					<	5	<	38	<	38					<	29	<	29		
Arsenic	µg/L	25	6	<	10						6	<	5	<	5						11.2		7		
Barium	µg/L	1000	229	<	200						57		53.7		63.7						54.8		48.3		
Beryllium	µg/L	3	3	<	5					<	3	<	2	<	1					<	0.9	<	0.9		
Cadmium	µg/L	10	6	<	5				7	<	5	<	2	<	2	<	2.9	<	2.1	<	2.1	<	2.1	<	3.1
Calcium	µg/L	NA	128000		50000				27300		24600		29300		32500		29400		31500		34100		31100		31900
Chromium	µg/L	50	51		17					<	20	<	5		6.5					<	5.3	<	5.3		
Cobalt	µg/L	NA	18							<	25	<	6	<	7					<	11.4	<	11.4		
Copper	µg/L	200	28	<	25					<	25	<	5	<	4						101		21		
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		265				188		175		178		194		200		211		223		NA		NA
Iron	µg/L	300	900		8560		597		65		112		27.5		371		0.223		2030		340		91.3	<	20.7
Lead	µg/L	25	4		13	<	3	<	3	<	3	<	3		3	<	2.5	<	1.3	<	2	<	0.6	<	2.3
Magnesium	µg/L	35000	58600		34000		31600		29000		27500		29900		30800		30700		32100		33400		31100		32000
Manganese	µg/L	300	88		274			<	25		73		70.1		69.9		18.6		32.7		23		21.6		11.9
Mercury	µg/L	2	7	<	0.2					<	0.2	<	0.2	<	0.2					<	0.2	<	0.2		
Nickel	µg/L	NA	50	<	40					<	25	<	26	<	27					<	14.4	<	14.4		
Potassium	µg/L	NA	8000	<	5000	<	5000		3900		2000		2330		2530	<	683	<	456	<	456	<	640	<	2020
Selenium	µg/L	10	4	<	5					<	5	<	5	<	5					<	2.8	<	2.8		
Silver	µg/L	50	39	<	10					<	10		8	<	6					<	5.7	<	5.7		
Sodium	µg/L	20000	39000		9000		12500		14000		13400		14900		15600		12800		14900		14000		12800		12700
Thallium	µg/L	4	12	<	10					<	25	<	5	<	5					<	4	<	4		
Vanadium	µg/L	NA	24		0					<	25	<	17	<	15					<	8.3	<	8.3		
Zinc	µg/L	300	56		42					<	25	<	5		17.6						139		55		
Boron	µg/L	1	131	<	100						100	<	100	<	100						43		36.4		
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		200		186		186		164		188		204		185		185		195		195		195
Biochemical Oxygen Demand	mg/L	NA	19.8		17						13.9		3		9	<	2	<	2		3	<	2	<	2
Chemical Oxygen Demand	mg/L	NA	48.5	<	5	<	5	<	5		17.1		24		11		6.7		5.3	<	5	<	5		6.2
Chloride	mg/L	250	3.9	<	5	<	5		1.06	<	1	<	1	<	1		1		2.57		1.1		1	<	1
Color	UNITS	15	46	>	70					<	5		20	<	10					<	5		10		
Cyanide	µg/L	100	9.2							<	0.002	<	0.01	<	0.01					<	0.01	<	0.01		
Hexavalent chromium	mg/L	0.05	0.031	<	0.025					<	0.015		0.02		0.03					<	0.02	<	0.02		
Nitrogen, Ammonia (As N)	mg/L	2	1	<	1	<	1	<	1	<	1	<	0.05	<	0.05	<	0.1	<	0.1	<	0.1	<	0.1		0.173
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9		1.6					<	1		0.1		0.4		1.96		1.68	<	1	<	1	<	1
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2		0.25	<	0.2		0.15		0.12	<	0.02	<	0.02	<	0.02	<	0.02	<	0.02
Organic Carbon, Total	mg/L	NA	26.1	<	1		6		10		21		4.8		4.2	<	1	<	1		2.1		1.4		1.3
Phenolics, Total Recoverable	mg/L	0.001	0.0088		0.004		0.0027		0.00506		0.00284	<	0.00001	<	0.00001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
Residue, Dissolved (TDS)	mg/L	500	582		220		238		330		466		220		240		235		225		220		210		220
Sulfate	mg/L	250	66		35		30.8		42		39.7		21		26		34.6		33		41		38		41

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Parameter	Units	GW Std.	Grey Till Trigger	MW - 12S Jun-91	MW - 12S May-92	MW - 12S Sep-93	MW - 12S May-94	MW - 12S Nov-94	MW - 12S Jan-95	MW - 12S May-95	MW - 12S Aug-95	MW - 12S Nov-95	MW - 12S Feb-96	MW - 12S May-96
1,1,1,2-Tetrachloroethane	µg/L	5	5											
1,1,1-Trichloroethane	µg/L	5	5											
1,1,2,2-Tetrachloroethane	µg/L	5	5											
1,1,2-Trichloroethane	µg/L	5	1											
1,1-Dichloroethane	µg/L	5	5											
1,1-Dichloroethene	µg/L	5	5											
1,2,3-Trichloropropane	µg/L	5	0.04											
1,2-Dibromo-3-chloropropane	µg/L	5	0.4											
1,2-Dibromoethane	µg/L	5	5											
1,2-Dichlorobenzene	µg/L	4.7	3											
1,2-Dichloroethane	µg/L	5	0.6											
1,2-Dichloropropane	µg/L	5	1											
1,3-Dichlorobenzene	µg/L	5	3											
1,4-Dichlorobenzene	µg/L	4.7	3											
2-Butanone	µg/L	50	NA				4900	2100	89					
2-Hexanone	µg/L	50	NA											
4-Methyl-2-pentanone	µg/L	NA	NA											
Acetone	µg/L	50	NA											
Acrylonitrile	µg/L	NA	5											
Benzene	µg/L	0.7	1											
Bromochloromethane	µg/L	5	5											
Bromodichloromethane	µg/L	50	5											
Bromoform	µg/L	50	NA											
Bromomethane	µg/L	NA	5											
Carbon disulfide	µg/L	NA	NA											
Carbon tetrachloride	µg/L	5	5											
Chlorobenzene	µg/L	5	5											
Chloroethane	µg/L	5	5											
Chloroform	µg/L	7	7											
Chloromethane	µg/L	5	5											
Dibromochloromethane	µg/L	50	NA											
Dibromomethane	µg/L	NA	5											
Ethylbenzene	µg/L	5	5											
Iodomethane	µg/L	5	5											
Methylene chloride	µg/L	5	5											
Styrene	µg/L	5	5											
Tetrachloroethene	µg/L	5	5											
Toluene	µg/L	5	5											
Trichloroethene	µg/L	5	5											
Trichlorofluoromethane	µg/L	5	5											
Vinyl acetate	µg/L	NA	NA											
Vinyl chloride	µg/L	2	2											
cis-1,2-Dichloroethene	µg/L	5	5											
cis-1,3-Dichloropropene	µg/L	5	0.4											
m,p-Xylene	µg/L	NA	5											
o-Xylene	µg/L	5	5											
trans-1,2-Dichloroethene	µg/L	5	5											
trans-1,3-Dichloropropene	µg/L	5	0.4											
trans-1,4-Dichloro-2-butene	µg/L	5	5											

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Units	GW Std.	Grey Till		MW - 12S		MW - 12S		MW - 12S	MW - 12S	MW - 12S	MW - 12S	MW - 12S	MW - 12S	MW - 12S	MW - 12S	MW-12S	MW-12S
Parameter			Trigger		Aug-96		Nov-96		Feb-97	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99
Conductivity	umhos/cm	NA	1153		387		482		529	423	462	453	446	426	424	424	458	426
Eh	mV	NA	426		154		206		255	210.2	229.1	261	236.6	299.5	280.3	241.1	273	234.3
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8		8		8.1	8.12	7.96	8.16	8.01	7.35	8.19	8.17	8.25	8.28
Temperature	degC	NA	NA											7.8	9.8	9.8	6.7	
Turbidity	NTU	5	15		7		6		3	8.05	15.25	9	6.75	7	11.5	4.35	8.5	6.5
Water Level	ft	NA	NA											7.24	10.8	11.5	8.95	9.7
Bromide	mg/L	NA	1.5	<	1	<	1	<	1	u	u	u	U	U	U	U	U	U
Aluminum	µg/L	NA	502							u					U			
Antimony	µg/L	3	38							u					U			
Arsenic	µg/L	25	6							4					4			
Barium	µg/L	1000	229							58					53			
Beryllium	µg/L	3	3							u					U			
Cadmium	µg/L	10	6	<	24		5.9	<	2.3	u	u	u	U	U	U	U	6	U
Calcium	µg/L	NA	128000		36200		32900		32100	31400	31100	31000	30000	27900	27500	27600	28700	28400
Chromium	µg/L	50	51							u					U			
Cobalt	µg/L	NA	18							u					U			
Copper	µg/L	200	28							u					U			
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA				219		546	210	205	204	197	185	186	190	196	190
Iron	µg/L	300	900		122		129		86.2	94	47	68	44	61	46	84	56	41
Lead	µg/L	25	4	<	2.3	<	2.4	<	1	1	3	u	1	U	3	1	U	U
Magnesium	µg/L	35000	58600		36700		33400		31700	31900	30800	30700	29700	28000	28600	29500	28800	28900
Manganese	µg/L	300	88		18.2		15.6		13.3	9	10	39	5	5	U	U	U	U
Mercury	µg/L	2	7							u					U			
Nickel	µg/L	NA	50							u					U			
Potassium	µg/L	NA	8000	<	1840	<	1840	<	838	3050	2230	2140	1810	1700	1940	2360	1880	1990
Selenium	µg/L	10	4							u					U			
Silver	µg/L	50	39							u					U			
Sodium	µg/L	20000	39000		21800		14100		12900	13300	12200	12700	12900	11900	13100	13300	12000	12600
Thallium	µg/L	4	12							u					U			
Vanadium	µg/L	NA	24							u					U			
Zinc	µg/L	300	56							u					U			
Boron	µg/L	1	131							u					50			
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		195		190		190	200			193	194	192	192	199	208
Biochemical Oxygen Demand	mg/L	NA	19.8	<	2	<	2	<	2	u	u	u	U	U	4	U	U	U
Chemical Oxygen Demand	mg/L	NA	48.5	<	5	<	5	<	5	10.4	u	u	U	U	12.6	U	U	U
Chloride	mg/L	250	3.9		0.98	<	1	<	1	u	u	1.02	U	U	U	U	U	U
Color	UNITS	15	46							10					U			
Cyanide	µg/L	100	9.2							u					U			
Hexavalent chromium	mg/L	0.05	0.031							u					U			
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.1		0.132		0.16	u	u	0.063	U	0.111	U	U	U	0.148
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	1	<	1	<	1	u	u	u	1.35	U	U	U	U	U
Nitrogen, Nitrate (As N)	mg/L	10	0.2		0.059	<	0.02		0.03	u	0.093	u	U	U	U	U	U	0.154
Organic Carbon, Total	mg/L	NA	26.1		2		1.4		1.1	1.1	0.5	1	U	U	3.2	U	U	1.5
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.002	<	0.002	<	0.002	u	0.027	0.001	U	U	U	U	U	U
Residue, Dissolved (TDS)	mg/L	500	582		228		218		235	250	232	242	219	232	288	249	234	252
Sulfate	mg/L	250	66		43		42		40	51	40	41	41	48	44	44	39	36

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW - 12S Aug-96		MW - 12S Nov-96		MW - 12S Feb-97	MW - 12S Jun-97	MW - 12S Aug-97	MW - 12S Nov-97	MW - 12S Feb-98	MW - 12S May-98	MW - 12S Aug-98	MW - 12S Nov-98	MW-12S Feb-99	MW-12S May-99
1,1,1,2-Tetrachloroethane	µg/L	5	5															
1,1,1-Trichloroethane	µg/L	5	5															
1,1,2,2-Tetrachloroethane	µg/L	5	5															
1,1,2-Trichloroethane	µg/L	5	1															
1,1-Dichloroethane	µg/L	5	5															
1,1-Dichloroethene	µg/L	5	5															
1,2,3-Trichloropropane	µg/L	5	0.04															
1,2-Dibromo-3-chloropropane	µg/L	5	0.4															
1,2-Dibromoethane	µg/L	5	5															
1,2-Dichlorobenzene	µg/L	4.7	3															
1,2-Dichloroethane	µg/L	5	0.6															
1,2-Dichloropropane	µg/L	5	1															
1,3-Dichlorobenzene	µg/L	5	3															
1,4-Dichlorobenzene	µg/L	4.7	3															
2-Butanone	µg/L	50	NA															
2-Hexanone	µg/L	50	NA															
4-Methyl-2-pentanone	µg/L	NA	NA															
Acetone	µg/L	50	NA															
Acrylonitrile	µg/L	NA	5															
Benzene	µg/L	0.7	1															
Bromochloromethane	µg/L	5	5															
Bromodichloromethane	µg/L	50	5															
Bromoform	µg/L	50	NA															
Bromomethane	µg/L	NA	5															
Carbon disulfide	µg/L	NA	NA															
Carbon tetrachloride	µg/L	5	5															
Chlorobenzene	µg/L	5	5															
Chloroethane	µg/L	5	5															
Chloroform	µg/L	7	7															
Chloromethane	µg/L	5	5															
Dibromochloromethane	µg/L	50	NA															
Dibromomethane	µg/L	NA	5															
Ethylbenzene	µg/L	5	5															
Iodomethane	µg/L	5	5															
Methylene chloride	µg/L	5	5															
Styrene	µg/L	5	5															
Tetrachloroethene	µg/L	5	5															
Toluene	µg/L	5	5															
Trichloroethene	µg/L	5	5															
Trichlorofluoromethane	µg/L	5	5															
Vinyl acetate	µg/L	NA	NA															
Vinyl chloride	µg/L	2	2															
cis-1,2-Dichloroethene	µg/L	5	5															
cis-1,3-Dichloropropene	µg/L	5	0.4															
m,p-Xylene	µg/L	NA	5															
o-Xylene	µg/L	5	5															
trans-1,2-Dichloroethene	µg/L	5	5															
trans-1,3-Dichloropropene	µg/L	5	0.4															
trans-1,4-Dichloro-2-butene	µg/L	5	5															

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger	MW-12S Aug-99	Q	MW-12S Nov-99	Q	MW-12S Feb-00	Q	MW-12S May-00	Q	MW-12S Aug-00	Q	MW-12S Nov-00	Q	Q	MW-12S Feb-01	Q	MW-12S May-01		MW-12S Sep-01		MW-12S Nov-01		MW - 12S Feb-02		MW - 12S May-02
Conductivity	umhos/cm	NA	1153	428		432		431		407		428		411			420		427		388		320		201		293
Eh	mV	NA	426	270.1		238		290.1		188.6		248.8		241.8			198.5		180		101		94	-	121		99
Field pH	SU	6.5 - 8.5	5.0 - 10.4	8.21		8.08		8.18		8.17		8.14		8.14			8.26		8.34		8.25		8.67		8.54		8.19
Temperature	degC	NA	NA	10.3		9.1		6.8		7.6		10.5		8.5			5.7		7.2		19		12.3		7.5		8
Turbidity	NTU	5	15	18.5		7.75		7.4		5		15		18.5			14.5		7		5		2		14		3
Water Level	ft	NA	NA	13.75		10.87		10.8		5.3		12.13		10.74			9.49		8.27		13.41		11.48		9.85		7.2
Bromide	mg/L	NA	1.5	1	U	1	U	1	U	1	U	1	U	1	U	U	1	U	1	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	µg/L	NA	502			108		75	U									U	75								
Antimony	µg/L	3	38			50	U	50	U									U	50								
Arsenic	µg/L	25	6			6		5											5								
Barium	µg/L	1000	229			55		52											48								
Beryllium	µg/L	3	3			2	U	2	U									U	2								
Cadmium	µg/L	10	6	5	U	5	U	5	U	5	U	5	U	5	U		5	U	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000	27200		25800		30300		27900		29000		27200			27400		27000		21900		24500		25700		26500
Chromium	µg/L	50	51			10	U	10	U									U	10								
Cobalt	µg/L	NA	18			10	U	10	U									U	10								
Copper	µg/L	200	28			17	U	17	U									U	17								
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA	183		175		203		189		193		182			185		181		157		172		180		181
Iron	µg/L	300	900	711		125		192		74		40	U	176			41	U	40		92.2	<	60		259		87.2
Lead	µg/L	25	4	1		1		1	U	2		2		2		U	1		1	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600	27900		26900		30900		28900		29300		27700			28300		27700		24800		27000		28100		27900
Manganese	µg/L	300	88	10		16		6		7		6		13			5	U	5	<	10	<	10		23.3	<	10
Mercury	µg/L	2	7			0.2	U	0.2	U									U	0.2								
Nickel	µg/L	NA	50			14		12	U									U	12								
Potassium	µg/L	NA	8000	1740		2440		2030		1760		2040		1840			1810		1720		1870	<	1000		1560		1570
Selenium	µg/L	10	4			2	U	2	U									U	2								
Silver	µg/L	50	39			10	U	10	U									UJ	10								
Sodium	µg/L	20000	39000	12300		12000		11500		12600		12900		13300			12700		12300		11100		10300		10400		10500
Thallium	µg/L	4	12			1	U	1	U									U	1								
Vanadium	µg/L	NA	24			10	U	10	U									U	10								
Zinc	µg/L	300	56			22		20	U									U	20								
Boron	µg/L	1	131			48	U	48	U										0.076								
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517	198		200		202		197		189		176			189		179		190		190		160		220
Biochemical Oxygen Demand	mg/L	NA	19.8	3	U	3	U	3	U	3	U	3	U	3	U	U	3	U	3	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	5	U	10	U	10	U	10	U	21.2		10	U	U	10	U	10	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9	1	U	1	U	1.18		1	U	1	U	1	U		105		1.13		1		1	<	1		1
Color	UNITS	15	46			10		15										U	5								
Cyanide	µg/L	100	9.2			0.01	U	0.01	U									U	0.01								
Hexavalent chromium	mg/L	0.05	0.031			0.01	U	0.01	U									U	0.01								
Nitrogen, Ammonia (As N)	mg/L	2	1	0.349		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	U	0.1	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	1.19		1	U	1	U	1	U	1	U	1	U	U	1	U	1	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	0.05	U	0.05	U	0.05	U	0.05	U	0.052		0.079		U	0.05	U	0.1	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	1	U	1.4		1		1	U	1.2		1		U	1	J	1.2		1	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	0.001	U	0.005	U	0.234		0.004	U	0.0139		0.0124		U	0.004	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582	225		230		235		247		221		215			210		235		180		250		180		240
Sulfate	mg/L	250	66	37		44		41		36		37		44			37		38.4		37		38		38		37

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger	MW-12S Aug-99	Q	MW-12S Nov-99	Q	MW-12S Feb-00	Q	MW-12S May-00	Q	MW-12S Aug-00	Q	MW-12S Nov-00	Q	Q	MW-12S Feb-01	Q	MW-12S May-01		MW-12S Sep-01		MW-12S Nov-01		MW - 12S Feb-02		MW - 12S May-02
1,1,1,2-Tetrachloroethane	µg/L	5	5					5	U									U	5							
1,1,1-Trichloroethane	µg/L	5	5					5	U									U	5							
1,1,2,2-Tetrachloroethane	µg/L	5	5					5	U									U	5							
1,1,2-Trichloroethane	µg/L	5	1					5	U									U	5							
1,1-Dichloroethane	µg/L	5	5					5	U									U	5							
1,1-Dichloroethene	µg/L	5	5					5	U									U	5							
1,2,3-Trichloropropane	µg/L	5	0.04					5	U									U	5							
1,2-Dibromo-3-chloropropane	µg/L	5	0.4					5	U									U	5							
1,2-Dibromoethane	µg/L	5	5					5	U									U	5							
1,2-Dichlorobenzene	µg/L	4.7	3					2	U									U	2							
1,2-Dichloroethane	µg/L	5	0.6					5	U									U	5							
1,2-Dichloropropane	µg/L	5	1					5	U									U	5							
1,3-Dichlorobenzene	µg/L	5	3																							
1,4-Dichlorobenzene	µg/L	4.7	3					2	U									U	2							
2-Butanone	µg/L	50	NA					25	U									U	25							
2-Hexanone	µg/L	50	NA					10	U									U	10							
4-Methyl-2-pentanone	µg/L	NA	NA					10	U									U	10							
Acetone	µg/L	50	NA					25	U									D	25							
Acrylonitrile	µg/L	NA	5					20	U									U	20							
Benzene	µg/L	0.7	1					0.7	U									U	0.7							
Bromochloromethane	µg/L	5	5					5	U									U	5							
Bromodichloromethane	µg/L	50	5					5	U									U	5							
Bromoform	µg/L	50	NA					5	U									U	5							
Bromomethane	µg/L	NA	5					5	U									U	5							
Carbon disulfide	µg/L	NA	NA					5	U									U	5							
Carbon tetrachloride	µg/L	5	5					5	U									U	5							
Chlorobenzene	µg/L	5	5					5	U									U	5							
Chloroethane	µg/L	5	5					5	U									U	5							
Chloroform	µg/L	7	7					5	U									U	5							
Chloromethane	µg/L	5	5					5	U									U	5							
Dibromochloromethane	µg/L	50	NA					5	U									U	5							
Dibromomethane	µg/L	NA	5					5	U									U	5							
Ethylbenzene	µg/L	5	5					5	U									U	5							
Iodomethane	µg/L	5	5					5	U									U	5							
Methylene chloride	µg/L	5	5					5	U									U	5							
Styrene	µg/L	5	5					5	U									U	5							
Tetrachloroethene	µg/L	5	5					5	U									U	5							
Toluene	µg/L	5	5					5	U									U	5							
Trichloroethene	µg/L	5	5					5	U									U	5							
Trichlorofluoromethane	µg/L	5	5					5	U									U	5							
Vinyl acetate	µg/L	NA	NA					5	U									U	5							
Vinyl chloride	µg/L	2	2					2	U									U	2							
cis-1,2-Dichloroethene	µg/L	5	5					5	U									U	5							
cis-1,3-Dichloropropene	µg/L	5	0.4					5	U									U	5							
m,p-Xylene	µg/L	NA	5					5	U									U	5							
o-Xylene	µg/L	5	5					5	U									U	5							
trans-1,2-Dichloroethene	µg/L	5	5					5	U									U	5							
trans-1,3-Dichloropropene	µg/L	5	0.4					5	U									U	5							
trans-1,4-Dichloro-2-butene	µg/L	5	5					5	U									U	5							

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW - 12S Aug-02		MW - 12S Nov-02		MW - 12S Feb-03		MW - 12S May-03		MW - 12S Aug-03		MW - 12S Nov-03		MW - 12S Feb-04		MW - 12S May-04		MW - 12S Aug-04		MW - 12S Nov-04		MW-12S Feb-05
Conductivity	umhos/cm	NA	1153		346		302		404		425		411		439		435		295		357		320		252
Eh	mV	NA	426		109		60		60		25		50		65		25		45		55		100		40
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.21		8.06		8.42		8.31		8.6		7.81		7.78		6.89		7.89		8.4		8.23
Temperature	degC	NA	NA		14		14		3		9		13		9		6		10		14		10		5
Turbidity	NTU	5	15		13		2		5		3		11		5		7		4		4		5		8
Water Level	ft	NA	NA		11.75		13.51		10.65		6.18		10.73		9.06		9.68		7.5		12.72		12.17		9.42
Bromide	mg/L	NA	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	µg/L	NA	502	<	100									<	100		250								
Antimony	µg/L	3	38	<	15									<	15	<	15								
Arsenic	µg/L	25	6	<	10									<	10	<	10								
Barium	µg/L	1000	229		1										56.6		53.7								
Beryllium	µg/L	3	3	<	3									<	3	<	3								
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5		6.96	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		26700		25600		25100		27400		26700		27500		27600		29300		27000		30700		30300
Chromium	µg/L	50	51	<	5									<	5	<	5								
Cobalt	µg/L	NA	18	<	20									<	20	<	20								
Copper	µg/L	200	28	<	10									<	10	<	10								
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		190		180		180		321		180		190		190		200		190		211		208
Iron	µg/L	300	900		89.6		139		83.3		246		296		72.5		335		221		171		174		453
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3		3.46	<	4.54	<	3		2	<	3	<	3
Magnesium	µg/L	35000	58600		28800		27500		27400		28900		28400		29600		29200		31600		29600		32600		32200
Manganese	µg/L	300	88	<	10.0	<	10	<	10	<	10		11.3				20.2		15.4		25.2		21.9		27.3
Mercury	µg/L	2	7	<	0.20									<	0.2	<	0.2								
Nickel	µg/L	NA	50	<	30									<	30	<	30								
Potassium	µg/L	NA	8000		1850		1630		1550		2150		1890		2000		1960		1930		2710		2160		2400
Selenium	µg/L	10	4	<	5									<	5	<	5								
Silver	µg/L	50	39	<	10									<	10	<	10								
Sodium	µg/L	20000	39000		10900		10300		10100		11100		10600		11600		9950		11300		10200		11100		11300
Thallium	µg/L	4	12	<	10									<	10		10.6								
Vanadium	µg/L	NA	24	<	30									<	30	<	30								
Zinc	µg/L	300	56		23.1										21.5		49.1								
Boron	µg/L	1	131	<	0.5									<	0.5	<	0.5								
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		180		150		180		190		200		190		210		210		200		290		350
Biochemical Oxygen Demand	mg/L	NA	19.8		8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5		77	<	20	<	20	<	20	<	20	<	20	<	20		12	<	20	<	20		20
Chloride	mg/L	250	3.9	<	1		2		2	<	1		2	<	1		2		1.43		1.53		1.8		4.59
Color	UNITS	15	46		9										7		9								
Cyanide	µg/L	100	9.2	<	0.01									<	0.01	<	0.01								
Hexavalent chromium	mg/L	0.05	0.031	<	0.01									<	0.01	<	0.01								
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.6	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	<	3		4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088		0.008	<	0.005	<	0.005		0.006	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		280		250		240		190		260		220		240		250		210		237		225
Sulfate	mg/L	250	66		45		37		41		42		38		47		39		44.4		49.5		61		49.7

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW - 12S Aug-02		MW - 12S Nov-02		MW - 12S Feb-03		MW - 12S May-03		MW - 12S Aug-03		MW - 12S Nov-03		MW - 12S Feb-04		MW - 12S May-04		MW - 12S Aug-04		MW - 12S Nov-04		MW-12S Feb-05
1,1,1,2-Tetrachloroethane	µg/L	5	5	<	5										<	5	<	5							
1,1,1-Trichloroethane	µg/L	5	5	<	5										<	5	<	5							
1,1,2,2-Tetrachloroethane	µg/L	5	5	<	5										<	5	<	5							
1,1,2-Trichloroethane	µg/L	5	1	<	5										<	5	<	5							
1,1-Dichloroethane	µg/L	5	5	<	5										<	5	<	5							
1,1-Dichloroethene	µg/L	5	5	<	5										<	5	<	5							
1,2,3-Trichloropropane	µg/L	5	0.04	<	5										<	5	<	5							
1,2-Dibromo-3-chloropropane	µg/L	5	0.4	<	10										<	10	<	10							
1,2-Dibromoethane	µg/L	5	5	<	5										<	5	<	5							
1,2-Dichlorobenzene	µg/L	4.7	3	<	5										<	5	<	5							
1,2-Dichloroethane	µg/L	5	0.6	<	5										<	5	<	5							
1,2-Dichloropropane	µg/L	5	1	<	5										<	5	<	5							
1,3-Dichlorobenzene	µg/L	5	3																						
1,4-Dichlorobenzene	µg/L	4.7	3	<	5										<	5	<	5							
2-Butanone	µg/L	50	NA	<	10										<	10	<	10							
2-Hexanone	µg/L	50	NA	<	10										<	10	<	10							
4-Methyl-2-pentanone	µg/L	NA	NA	<	10										<	10	<	10							
Acetone	µg/L	50	NA	<	10										<	10	<	10							
Acrylonitrile	µg/L	NA	5	<	100										<	100	<	100							
Benzene	µg/L	0.7	1	<	5										<	5	<	5							
Bromochloromethane	µg/L	5	5	<	5										<	5	<	5							
Bromodichloromethane	µg/L	50	5	<	5										<	5	<	5							
Bromoform	µg/L	50	NA	<	5										<	5	<	5							
Bromomethane	µg/L	NA	5	<	5										<	5	<	5							
Carbon disulfide	µg/L	NA	NA	<	5										<	5	<	5							
Carbon tetrachloride	µg/L	5	5	<	5										<	5	<	5							
Chlorobenzene	µg/L	5	5	<	5										<	5	<	5							
Chloroethane	µg/L	5	5	<	5										<	5	<	5							
Chloroform	µg/L	7	7	<	5										<	5	<	5							
Chloromethane	µg/L	5	5	<	5										<	5	<	5							
Dibromochloromethane	µg/L	50	NA	<	5										<	5	<	5							
Dibromomethane	µg/L	NA	5	<	5										<	5	<	5							
Ethylbenzene	µg/L	5	5	<	5										<	5	<	5							
Iodomethane	µg/L	5	5	<	5										<	5	<	5							
Methylene chloride	µg/L	5	5	<	5											1	<	5							
Styrene	µg/L	5	5	<	5										<	5	<	5							
Tetrachloroethene	µg/L	5	5	<	5										<	5	<	5							
Toluene	µg/L	5	5	<	5										<	5	<	5							
Trichloroethene	µg/L	5	5	<	5										<	5	<	5							
Trichlorofluoromethane	µg/L	5	5	<	5										<	5	<	5							
Vinyl acetate	µg/L	NA	NA	<	50										<	50	<	50							
Vinyl chloride	µg/L	2	2	<	5										<	5	<	5							
cis-1,2-Dichloroethene	µg/L	5	5	<	5										<	5	<	5							
cis-1,3-Dichloropropene	µg/L	5	0.4	<	5										<	5	<	5							
m,p-Xylene	µg/L	NA	5	<	5										<	5	<	5							
o-Xylene	µg/L	5	5	<	5										<	5	<	5							
trans-1,2-Dichloroethene	µg/L	5	5	<	5										<	5	<	5							
trans-1,3-Dichloropropene	µg/L	5	0.4	<	5										<	5	<	5							
trans-1,4-Dichloro-2-butene	µg/L	5	5	<	10										<	10	<	10							

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Units	GW Std.	Grey Till		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S
Parameter			Trigger		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08
Conductivity	umhos/cm	NA	1153		333		446		473		362		444		456		446		449		271		293		433		502
Eh	mV	NA	426		35		50		0		-10		-80		-80		100		43		-121		-157		-103		-89
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.39		8.57		8.04		8.57		8.24		8.62		8.41		8.21		8.12		8.72		8.31		8.71
Temperature	degC	NA	NA		9		15		6		0.7		12.8		15.8		11.5		11.4		9.1		14.3		12		4.5
Turbidity	NTU	5	15		2		1		0.52		0.69		4.86		3.08		1.47		0.48		4.03		5.09		3.61		15.9
Water Level	ft	NA	NA		7.98		13.64		6.98		6.79		8.25		11.97		10.61		9.68		7.62		11.98		14.18		8.71
Bromide	mg/L	NA	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	R<	0.2
Aluminum	µg/L	NA	502	<	100			<	100					<	100									<	100	<	100
Antimony	µg/L	3	38	<	15			<	15					<	15									<	15	<	15
Arsenic	µg/L	25	6	<	10			<	10					<	10									<	10	<	10
Barium	µg/L	1000	229		60.7				51.6						54										55		64.4
Beryllium	µg/L	3	3	<	3			<	3					<	3									<	3	UJ	3
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5
Calcium	µg/L	NA	128000		29400		27400		26200		25800		25900		28000		30700		32400		25600		25400		29400		30300
Chromium	µg/L	50	51	<	5			<	5					<	5									<	5	<	5
Cobalt	µg/L	NA	18	<	20			<	20					<	20									<	20	<	20
Copper	µg/L	200	28		12.2				15.1					<	10									<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		202		400		179		175		176		562		206		215		172		175		195		208
Iron	µg/L	300	900		202		106		183		338		351		194		64	<	60		64.7		105		83.2	J	122
Lead	µg/L	25	4	<	3	<	3	<	3		18.5	<	3	<	3	<	3	<	3	<	3		3.62	<	3	UJ	3
Magnesium	µg/L	35000	58600		31200		28200		27500		26800		27000		29400		31400		32500		26300		27100		29500	J	32100
Manganese	µg/L	300	88		14.6		21.4		12.7		29.2		25.5		14.8	<	10	<	10	<	10		103		15.2	J	12.2
Mercury	µg/L	2	7	<	0.2			<	0.2					<	0.2									<	0.2	<	0.2
Nickel	µg/L	NA	50	<	30			<	30					<	30									<	30	<	30
Potassium	µg/L	NA	8000		1830		1740		1690		1480		1540		1730		1650		1990		1990		2170		1660		1910
Selenium	µg/L	10	4	<	5			<	5					<	5				12900					<	5	UJ	5
Silver	µg/L	50	39	<	10			<	10					<	10									<	10	<	10
Sodium	µg/L	20000	39000		11000		10300		9810		10400		10100		10900		11700				10400		10200		11300		11900
Thallium	µg/L	4	12	<	10			<	10					<	10									<	10	UJ	10
Vanadium	µg/L	NA	24	<	30			<	30					<	30									<	30	<	30
Zinc	µg/L	300	56		19.9				13.7						19.5										27.6		20.6
Boron	µg/L	1	131	<	500			<	500					<	500									<	500	<	500
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		220		240		210		230		200		200		200		190		190		200		190		210
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20	<	20		38	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		1.79		4.61	<	1		1.55	<	1		1.05		1.26		1.52		1.64		1.57		3.31		1.63
Color	UNITS	15	46		10			<	5						15									<	5	<	5
Cyanide	µg/L	100	9.2	<	10			<	10					<	10									<	10	UJ	10
Hexavalent chromium	mg/L	0.05	0.031	<	0.01			<	0.01					<	0.01									<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		1.17	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.3	<	0.2		0.22		0.254		0.266		0.816	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3	<	3	<	3		3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005		0.007	<	0.005	<	0.005	<	0.005	<	0.005		0.01	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		242		212		245		232		245		268		235		252		195		217		246		240
Sulfate	mg/L	250	66		36.1		33.8		40.2		37.8		35.6		39.7		40		47.9		40.2		62.8		43.7		44.3

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW-12S May-05		MW-12S Aug-05		MW-12S Dec-05		MW-12S Feb-06		MW-12S Jun-06		MW-12S Aug-06		MW-12S Nov-06		MW-12S Feb-07		MW-12S May-07		MW-12S Aug-07		MW-12S Nov-07		MW-12S Feb-08
1,1,1,2-Tetrachloroethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
1,1,1-Trichloroethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
1,1,2,2-Tetrachloroethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
1,1,2-Trichloroethane	µg/L	5	1	<	5			<	5					<	5									<	5	<	5
1,1-Dichloroethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
1,1-Dichloroethene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
1,2,3-Trichloropropane	µg/L	5	0.04	<	5			<	5					<	5									<	5	<	5
1,2-Dibromo-3-chloropropane	µg/L	5	0.4	<	10			<	10					<	10									<	10	<	10
1,2-Dibromoethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
1,2-Dichlorobenzene	µg/L	4.7	3	<	5			<	5					<	5									<	5	<	5
1,2-Dichloroethane	µg/L	5	0.6	<	5			<	5					<	5									<	5	<	5
1,2-Dichloropropane	µg/L	5	1	<	5			<	5					<	5									<	5	<	5
1,3-Dichlorobenzene	µg/L	5	3	<	5			<	5					<	5									<	5	<	5
1,4-Dichlorobenzene	µg/L	4.7	3	<	5			<	5					<	5									<	5	<	5
2-Butanone	µg/L	50	NA	<	10			<	10					<	10									<	10	<	10
2-Hexanone	µg/L	50	NA	<	10			<	10					<	10									<	10	<	10
4-Methyl-2-pentanone	µg/L	NA	NA	<	10			<	10					<	10									<	10	<	10
Acetone	µg/L	50	NA	<	10			<	10					<	10									<	10	<	10
Acrylonitrile	µg/L	NA	5	<	100			<	100					<	100									<	100	<	100
Benzene	µg/L	0.7	1	<	5			<	5					<	5									<	5	<	5
Bromochloromethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Bromodichloromethane	µg/L	50	5	<	5			<	5					<	5									<	5	<	5
Bromoform	µg/L	50	NA	<	5			<	5					<	5									<	5	<	5
Bromomethane	µg/L	NA	5	<	5			<	5					<	5									<	5	<	5
Carbon disulfide	µg/L	NA	NA	<	5			<	5					<	5									<	5	<	5
Carbon tetrachloride	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Chlorobenzene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Chloroethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Chloroform	µg/L	7	7	<	5			<	5					<	5									<	5	<	5
Chloromethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Dibromochloromethane	µg/L	50	NA	<	5			<	5					<	5									<	5	<	5
Dibromomethane	µg/L	NA	5	<	5			<	5					<	5									<	5	<	5
Ethylbenzene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Iodomethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Methylene chloride	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Styrene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Tetrachloroethene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Toluene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Trichloroethene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Trichlorofluoromethane	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
Vinyl acetate	µg/L	NA	NA	<	50			<	50					<	5									<	50	<	50
Vinyl chloride	µg/L	2	2	<	5			<	5					<	5									<	5	<	5
cis-1,2-Dichloroethene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
cis-1,3-Dichloropropene	µg/L	5	0.4	<	5			<	5					<	5									<	5	<	5
m,p-Xylene	µg/L	NA	5	<	5			<	5					<	10									<	5	<	5
o-Xylene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
trans-1,2-Dichloroethene	µg/L	5	5	<	5			<	5					<	5									<	5	<	5
trans-1,3-Dichloropropene	µg/L	5	0.4	<	5			<	5					<	50									<	5	<	5
trans-1,4-Dichloro-2-butene	µg/L	5	5	<	10			<	10					<	5									<	10	<	10

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Units	GW Std.	Grey Till		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S		MW-12S
Parameter			Trigger		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10
Conductivity	umhos/cm	NA	1153		477		420		397		395		253		1632		1456		214		289		143		396
Eh	mV	NA	426		-125		-72		-71		-49		150		159		182		121		222		176		-52
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.63		8.92		8.27		7.89		7.79		7.7		6.99		8.06		7.71		7.86		8.38
Temperature	degC	NA	NA		12.2		16.7		9.4		5.7		11.4		15.2		9.9		8.1		14.4		17.1		11
Turbidity	NTU	5	15		3.05		8.91		4.83		2.41		2.39		3.38		8.67		3.96		1.92		6.89		3.84
Water Level	ft	NA	NA		10.99		11.78		11.33		9.75		7.76		11.31		10.49		9.43		8.72		12.47		7.96
Bromide	mg/L	NA	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	0.4	<	0.8	<	0.8	<	0.8
Aluminum	µg/L	NA	502									<	100									<	100		
Antimony	µg/L	3	38									<	30									<	5 uj		
Arsenic	µg/L	25	6									<	10									<	5		
Barium	µg/L	1000	229										57										62		
Beryllium	µg/L	3	3									<	3									<	3		
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		31100		33200		31000		29800		28400		33500		31600		30700		33200		33000		28900
Chromium	µg/L	50	51									<	5									<	10		
Cobalt	µg/L	NA	18									<	20									<	20		
Copper	µg/L	200	28									<	10									<	10		
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		212000		223000		216000		210000		201000		225000		218000		214000		228000		222000		206000
Iron	µg/L	300	900	<	60		838		70.1	<	60		62		70.1		207	<	60	<	60	<	60	<	60
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600		32700		33900		33800		33000		31600		34300		33900		33300		35200		34000		32600
Manganese	µg/L	300	88	<	10		52.2		12.6	<	10	<	10		13		21	<	10	<	10	<	10	<	10
Mercury	µg/L	2	7									<	0.2									<	0.2		
Nickel	µg/L	NA	50									<	30									<	30		
Potassium	µg/L	NA	8000		1710		2080		1540		1190		1430		2130	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	µg/L	10	4									<	5									<	3		
Silver	µg/L	50	39									<	10									<	Reject		
Sodium	µg/L	20000	39000		13000		13500		13400		11600		11600		13700		11900		22000		13500		13400		14500
Thallium	µg/L	4	12									<	10									<	3		
Vanadium	µg/L	NA	24									<	30									<	30		
Zinc	µg/L	300	56									<	10									<	10		
Boron	µg/L	1	131									<	500									<	500		
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		200		210		190		210		200		180		190		210		200		190		250
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5		24	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		1.65	<	1		1.49		1.42		1.47		1.65		1.93		1.15		2.13		1.44		3.63
Color	UNITS	15	46									<	5										11		
Cyanide	µg/L	100	9.2									<	10									<	10		
Hexavalent chromium	mg/L	0.05	0.031									<	0.01									<	0.01		
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.0988		0.0823		0.145		0.149
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		230		200		240		70		280		280		780		240		270		270		180
Sulfate	mg/L	250	66		52.3		54.9		41.4		55.4		44.8		39.5		43.8		46.4		52.2		50.7		59.9

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger	MW-12S May-08	MW-12S Aug-08	MW-12S Nov-08	MW-12S Feb-09	MW-12S May-09	MW-12S Aug-09	MW-12S Nov-09	MW-12S Feb-10	MW-12S May-10	MW-12S Aug-10	MW-12S Nov-10
1,1,1,2-Tetrachloroethane	µg/L	5	5					< 5					< 5	
1,1,1-Trichloroethane	µg/L	5	5					< 5					< 5	
1,1,2,2-Tetrachloroethane	µg/L	5	5					< 5					< 5	
1,1,2-Trichloroethane	µg/L	5	1					< 5					< 5	
1,1-Dichloroethane	µg/L	5	5					< 5					< 5	
1,1-Dichloroethene	µg/L	5	5					< 5					< 5	
1,2,3-Trichloropropane	µg/L	5	0.04					< 5					< 5	
1,2-Dibromo-3-chloropropane	µg/L	5	0.4					< 10					< 10	
1,2-Dibromoethane	µg/L	5	5					< 5					< 5	
1,2-Dichlorobenzene	µg/L	4.7	3					< 5					< 5	
1,2-Dichloroethane	µg/L	5	0.6					< 5					< 5	
1,2-Dichloropropane	µg/L	5	1					< 5					< 5	
1,3-Dichlorobenzene	µg/L	5	3					< 5					< 5	
1,4-Dichlorobenzene	µg/L	4.7	3					< 5					< 5	
2-Butanone	µg/L	50	NA					< 10					< 10	
2-Hexanone	µg/L	50	NA					< 10					< 10	
4-Methyl-2-pentanone	µg/L	NA	NA					< 10					< 10	
Acetone	µg/L	50	NA					< 10					< 10	
Acrylonitrile	µg/L	NA	5					< 100					< 100	
Benzene	µg/L	0.7	1					< 5					< 5	
Bromochloromethane	µg/L	5	5					< 5					< 5	
Bromodichloromethane	µg/L	50	5					< 5					< 5	
Bromoform	µg/L	50	NA					< 5					< 5	
Bromomethane	µg/L	NA	5					< 5					< 5	
Carbon disulfide	µg/L	NA	NA					< 5					< 5	
Carbon tetrachloride	µg/L	5	5					< 5					< 5	
Chlorobenzene	µg/L	5	5					< 5					< 5	
Chloroethane	µg/L	5	5					< 5					< 5	
Chloroform	µg/L	7	7					< 5					< 5	
Chloromethane	µg/L	5	5					< 5					< 5	
Dibromochloromethane	µg/L	50	NA					< 5					< 5	
Dibromomethane	µg/L	NA	5					< 5					< 5	
Ethylbenzene	µg/L	5	5					< 5					< 5	
Iodomethane	µg/L	5	5					< 5					< 5	
Methylene chloride	µg/L	5	5					< 5					< 5	
Styrene	µg/L	5	5					< 5					< 5	
Tetrachloroethene	µg/L	5	5					< 5					< 5	
Toluene	µg/L	5	5					< 5					< 5	
Trichloroethene	µg/L	5	5					< 5					< 5	
Trichlorofluoromethane	µg/L	5	5					< 5					< 5	
Vinyl acetate	µg/L	NA	NA					< 50					< Reject	
Vinyl chloride	µg/L	2	2					< 5					< 5	
cis-1,2-Dichloroethene	µg/L	5	5					< 5					< 5	
cis-1,3-Dichloropropene	µg/L	5	0.4					< 5					< 5	
m,p-Xylene	µg/L	NA	5					< 5					< 10	
o-Xylene	µg/L	5	5					< 5					< 5	
trans-1,2-Dichloroethene	µg/L	5	5					< 5					< 5	
trans-1,3-Dichloropropene	µg/L	5	0.4					< 5					< 50	
trans-1,4-Dichloro-2-butene	µg/L	5	5					< 10					< 5	

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW-12S Jan-11		MW-12S Jun-11		MW-12S Jul-11		MW-12S Nov-11
Conductivity	umhos/cm	NA	1153		403		419		496		443
Eh	mV	NA	426		-67		14		-42		38
Field pH	SU	6.5 - 8.5	5.0 - 10.4		8.53		8.01		8.06		7.99
Temperature	degC	NA	NA		4.2		20.7		24.8		16.3
Turbidity	NTU	5	15		2.79		4.32		19.6		7.13
Water Level	ft	NA	NA		8.63		6.16		11.81		10.62
Bromide	mg/L	NA	1.5	<	0.8	UJ	0.8	<	0.8	<	0.8
Aluminum	µg/L	NA	502			<	100				
Antimony	µg/L	3	38			<	5				
Arsenic	µg/L	25	6			<	5				
Barium	µg/L	1000	229				57.5				
Beryllium	µg/L	3	3			<	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		27100		28400		31600		32300
Chromium	µg/L	50	51			<	10				
Cobalt	µg/L	NA	18			<	20				
Copper	µg/L	200	28			<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		188000		193000		213000		225000
Iron	µg/L	300	900	<	60	UJ	60	<	60		95.7
Lead	µg/L	25	4	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600		29300		29600		32500		35000
Manganese	µg/L	300	88		10.5	UJ	10		14.7		19.6
Mercury	µg/L	2	7			<	0.2			<	5000
Nickel	µg/L	NA	50			<	30				14600
Potassium	µg/L	NA	8000	<	5000	<	5000	<	5000	<	5000
Selenium	µg/L	10	4			<	3				
Silver	µg/L	50	39			<	10				
Sodium	µg/L	20000	39000		12500		13100		14200		14600
Thallium	µg/L	4	12			UJ	3				
Vanadium	µg/L	NA	24			<	30				
Zinc	µg/L	300	56			<	10				
Boron	µg/L	1	131			<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		200		180		200		220
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		1.72		1.44		1.67		1.46
Color	UNITS	15	46				5				
Cyanide	µg/L	100	9.2			<	10				
Hexavalent chromium	mg/L	0.05	0.031			<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2		0.09	J	0.167		0.12		0.1
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		270		290		260		78
Sulfate	mg/L	250	66		54.9	J	42.6		50.7		41.7

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till Trigger		MW-12S Jan-11		MW-12S Jun-11		MW-12S Jul-11		MW-12S Nov-11
1,1,1,2-Tetrachloroethane	µg/L	5	5			<	5				
1,1,1-Trichloroethane	µg/L	5	5			<	5				
1,1,2,2-Tetrachloroethane	µg/L	5	5			<	5				
1,1,2-Trichloroethane	µg/L	5	1			<	5				
1,1-Dichloroethane	µg/L	5	5			<	5				
1,1-Dichloroethene	µg/L	5	5			<	5				
1,2,3-Trichloropropane	µg/L	5	0.04			<	5				
1,2-Dibromo-3-chloropropane	µg/L	5	0.4			<	10				
1,2-Dibromoethane	µg/L	5	5			<	5				
1,2-Dichlorobenzene	µg/L	4.7	3			<	5				
1,2-Dichloroethane	µg/L	5	0.6			<	5				
1,2-Dichloropropane	µg/L	5	1			<	5				
1,3-Dichlorobenzene	µg/L	5	3			<	5				
1,4-Dichlorobenzene	µg/L	4.7	3			<	5				
2-Butanone	µg/L	50	NA			<	10				
2-Hexanone	µg/L	50	NA			<	10				
4-Methyl-2-pentanone	µg/L	NA	NA			<	10				
Acetone	µg/L	50	NA			<	10				
Acrylonitrile	µg/L	NA	5			<	100				
Benzene	µg/L	0.7	1			<	5				
Bromochloromethane	µg/L	5	5			<	5				
Bromodichloromethane	µg/L	50	5			<	5				
Bromoform	µg/L	50	NA			<	5				
Bromomethane	µg/L	NA	5			<	5				
Carbon disulfide	µg/L	NA	NA			<	5				
Carbon tetrachloride	µg/L	5	5			<	5				
Chlorobenzene	µg/L	5	5			<	5				
Chloroethane	µg/L	5	5			<	5				
Chloroform	µg/L	7	7			<	5				
Chloromethane	µg/L	5	5			<	5				
Dibromochloromethane	µg/L	50	NA			<	5				
Dibromomethane	µg/L	NA	5			<	5				
Ethylbenzene	µg/L	5	5			<	5				
Iodomethane	µg/L	5	5			<	5				
Methylene chloride	µg/L	5	5			<	5				
Styrene	µg/L	5	5			<	5				
Tetrachloroethene	µg/L	5	5			<	5				
Toluene	µg/L	5	5			<	5				
Trichloroethene	µg/L	5	5			<	5				
Trichlorofluoromethane	µg/L	5	5			<	5				
Vinyl acetate	µg/L	NA	NA			<	50				
Vinyl chloride	µg/L	2	2			<	5				
cis-1,2-Dichloroethene	µg/L	5	5			<	5				
cis-1,3-Dichloropropene	µg/L	5	0.4			<	5				
m,p-Xylene	µg/L	NA	5			<	5				
o-Xylene	µg/L	5	5			<	5				
trans-1,2-Dichloroethene	µg/L	5	5			<	5				
trans-1,3-Dichloropropene	µg/L	5	0.4			<	5				
trans-1,4-Dichloro-2-butene	µg/L	5	5			<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14
			Trigger		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08
Conductivity	umhos/cm	NA	1153		703		544		539		565		553		449		275		391		537		587
Eh	mV	NA	426		110		75		-80		-80		180		45		-126		-124		-108		-87
pH	SU	6.5 - 8.5	5.0 - 10.4		8.01		7.56		8.26		8.52		8.63		7.97		8.31		9.2		8.09		8.46
Temperature	degC	NA	NA		3.4		2.9		15.4		20.2		11.4		7.2		9.1		17		10.6		2.9
Turbidity	NTU	5	15		3.69		7.26		39.6		14.9		8.1		12.7		8.71		13.8		10.1		23.8
Water Level	ft	NA	NA		8.5		8.53		8.89		10.39		8.04		9.21		9.95		10.34		11.67		9
Bromide	mg/L	NA	1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	1	R<	2
Aluminum	µg/L	NA	502	<	100	<	100		2210		128		230								143	<	100
Antimony	µg/L	3	38		23.8	<	15	<	15	<	15	<	15							<	15	<	15
Arsenic	µg/L	25	6	<	10	<	10	<	10	<	10	<	10							<	10	<	10
Barium	µg/L	1000	229		86.6		99.4		96.8		97.9		97								95.5		109
Beryllium	µg/L	3	3	<	3	<	3	<	3	<	3	<	3							<	3	UJ	3
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5
Calcium	µg/L	NA	128000		52600		67100		56200		59100		65100		66700		53000		56700		61500		77800
Chromium	µg/L	50	51	<	5	<	5	<	5	<	5	<	5								5.13	<	5
Cobalt	µg/L	NA	18	<	20	<	20	<	20	<	20	<	20							<	20	<	20
Copper	µg/L	200	28	<	10		11.8	<	10	<	10		13.2							<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		247		290		262		269		183		295		263		263		283		343
Iron	µg/L	300	900		338		300		3300		419		480		967		486		323		419	J	978
Lead	µg/L	25	4	<	3		14.4	<	3	<	3	<	3	<	3	<	3		3.86	<	3	UJ	3
Magnesium	µg/L	35000	58600		28000		29600		29600		29600		29200		31100		31800		29600		31500	J	36100
Manganese	µg/L	300	88		18.9		25.7		105		27.9		27.2		30.9		21.9		21.5	<	10	J	64.9
Mercury	µg/L	2	7	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2							<	0.2	<	0.2
Nickel	µg/L	NA	50	<	30	<	30	<	30	<	30	<	30							<	30	<	30
Potassium	µg/L	NA	8000		1500		1010		1870		1260		1080		1040	<	1000		1580		1290		1070
Selenium	µg/L	10	4	<	5		10.1	<	5		15.6	<	5		5080					<	5	UJ	5
Silver	µg/L	50	39	<	10	<	10	<	10	<	10	<	10							<	10	<	10
Sodium	µg/L	20000	39000		5270		6030		5540		7380		4590				5370		4570		5090		4520
Thallium	µg/L	4	12	<	10		12		14.8	<	10	<	10							<	10	UJ	10
Vanadium	µg/L	NA	24	<	30	<	30	<	30	<	30	<	30							<	30	<	30
Zinc	µg/L	300	56	<	10		14.1		27.7		25.2		10.6								15.8		16.3
Boron	µg/L	1	131	<	500	<	500	<	500	<	500	<	500							<	500	<	500
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		290		270		300		320		320		290		320		310		280		330
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4		11	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9	<	1		3.11		1.97		1.85		1.9		1.98		1.98		1.58		3.9		2.91
Color	UNITS	15	46	<	5		6		12		12		5							<	5	<	5
Cyanide	µg/L	100	9.2	<	10	<	10	<	10	<	10	<	10							<	10	UJ	10
Hexavalent chromium	mg/L	0.05	0.031	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01							<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2		0.24	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.735	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		46.7	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		407		420		365		350		185		310		305		297		334		310
Sulfate	mg/L	250	66		35.6		21		27.4		30		27.7		23.8		24.3		50.8		30.4		31.9

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14		MW-14
			Trigger		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08
1,1,1,2-Tetrachloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,1,1-Trichloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,1,2,2-Tetrachloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,1,2-Trichloroethane	µg/L	5	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,1-Dichloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,1-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,2,3-Trichloropropane	µg/L	5	0.04	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,2-Dibromo-3-chloropropane	µg/L	5	0.4	<	10	<	10	<	10	<	10	<	10							<	10	<	10
1,2-Dibromoethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,2-Dichlorobenzene	µg/L	4.7	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,2-Dichloroethane	µg/L	5	0.6	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,2-Dichloropropane	µg/L	5	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,3-Dichlorobenzene	µg/L	5	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5
1,4-Dichlorobenzene	µg/L	4.7	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5
2-Butanone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10
2-Hexanone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10
4-Methyl-2-pentanone	µg/L	NA	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10
Acetone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10
Acetonitrile	µg/L	NA	5	<	100	<	100	<	100	<	100	<	100							<	100	<	100
Benzene	µg/L	0.7	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Bromochloromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Bromodichloromethane	µg/L	50	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Bromoform	µg/L	50	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Bromomethane	µg/L	NA	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Carbon disulfide	µg/L	NA	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Carbon tetrachloride	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Chlorobenzene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Chloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Chloroform	µg/L	7	7	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Chloromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Dibromochloromethane	µg/L	50	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Dibromomethane	µg/L	NA	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Ethylbenzene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Iodomethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Methylene chloride	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Styrene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Tetrachloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Toluene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Trichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Trichlorofluoromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
Vinyl acetate	µg/L	NA	NA	<	50	<	5	<	5	<	5	<	5							<	50	<	50
Vinyl chloride	µg/L	2	2	<	5	<	5	<	5	<	5	<	5							<	5	<	5
cis-1,2-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
cis-1,3-Dichloropropene	µg/L	5	0.4	<	5	<	5	<	5	<	5	<	5							<	5	<	5
m,p-Xylene	µg/L	NA	5	<	5	<	10	<	10	<	10	<	10							<	5	<	5
o-Xylene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
trans-1,2-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5
trans-1,3-Dichloropropene	µg/L	5	0.4	<	5	<	50	<	50	<	50	<	50							<	5	<	5
trans-1,4-Dichloro-2-butene	µg/L	5	5	<	10	<	5	<	5	<	5	<	5							<	10	<	10

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		GW	Grey Till		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R
Parameter	Units	Standards	Trigger		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	NA	1153		481		429		388		398		388		293		211		1311
Eh	mV	NA	426		-85		-183		-60		-73		-48		164		158		160
pH	SU	6.5 - 8.5	5.0 - 10.4		8.57		9.28		8.77		8.3		7.87		7.63		7.76		7.62
Temperature	degC	NA	NA		2.9		11.2		16.7		9.9		4.8		15.7		18.1		10.7
Turbidity	NTU	5	15		47.3		4.29		14.4		15.3		16		26.6		21.6		30.2
SWL	ft	NA	NA				6.98		8.86		7.26		6.53		5.95		7.96		6.98
Bromide	mg/L	NA	1.5	R	200	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	2
Aluminum	µg/L	NA	502		3290										250				
Antimony	µg/L	3	38	<	15									<	30				
Arsenic	µg/L	25	6	<	10									<	10				
Barium	µg/L	1000	229		101										80.3				
Beryllium	µg/L	3	3	<	3									<	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		47000		36900		33900		41300		38700		43800		44900		49400
Chromium	µg/L	50	51		7.78									<	5				
Cobalt	µg/L	NA	18	<	20									<	20				
Copper	µg/L	200	28		15.4									<	10				
Hardness, Total(CaCO3)	µg/L	NA	NA		260000		213000		185000		231000		224000		248000		249000		274000
Iron	µg/L	300	900		4230		334		1470		486		759		777		277		358
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600		34600		29400		24500		31000		30900		33700		33300		36500
Manganese	µg/L	300	88		175		45.7		90.9		40.6		92		34.3	<	10		64.9
Mercury	µg/L	2	7		0.375									<	0.2				
Nickel	µg/L	NA	50	<	30									<	30				
Potassium	µg/L	NA	8000		4980		5290		5500		4150		3370		4180		4600	<	5000
Selenium	µg/L	10	4		6.75									<	5				
Silver	µg/L	50	39	<	10									<	10				
Sodium	µg/L	20000	39000		12900		11800		11200		10900		9320		9650		10400		8730
Thallium	µg/L	4	12	<	10									<	10				
Vanadium	µg/L	NA	24	<	30									<	30				
Zinc	µg/L	300	56		42.6									<	10				
Boron	µg/L	1	131	<	500									<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		200		200		200		240		230		250		240		250
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5		61	<	20	<	20	<	20	<	20	<	20	<	20		39
Chloride	mg/L	250	3.9		3.23		2.42		1.71		2.01		7.69		2.77		2.32		62.6
Color	UNITS	15	46		40										11				
Cyanide	µg/L	100	9.2	<	10									<	10				
Hexavalent chromium	mg/L	0.05	0.031	<	0.02									<	0.01				
Nitrogen, Ammonia (As NH3)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (as N)	mg/L	10	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	26.1		34.7	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		310		255		162		188		252		340		270		230
Sulfate	mg/L	250	66		21.9		43.9		14.8		14.8		26.9		28.5		25.4		22

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		GW	Grey Till		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R
Parameter	Units	Standards	Trigger		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
1,1,1,2-Tetrachloroethane	µg/L	5	5	<	5									<	5				
1,1,1-Trichloroethane	µg/L	5	5	<	5									<	5				
1,1,2,2-Tetrachloroethane	µg/L	5	5	<	5									<	5				
1,1,2-Trichloroethane	µg/L	5	1	<	5									<	5				
1,1-Dichloroethane	µg/L	5	5	<	5									<	5				
1,1-Dichloroethene	µg/L	5	5	<	5									<	5				
1,2,3-Trichloropropane	µg/L	5	0.04	<	5									<	5				
1,2-Dibromo-3-chloropropane	µg/L	5	0.4	<	10									<	10				
1,2-Dibromoethane	µg/L	5	5	<	5									<	5				
1,2-Dichlorobenzene	µg/L	4.7	3	<	5									<	5				
1,2-Dichloroethane	µg/L	5	0.6	<	5									<	5				
1,2-Dichloropropane	µg/L	5	1	<	5									<	5				
1,3-Dichlorobenzene	µg/L	5	3	<	5									<	5				
1,4-Dichlorobenzene	µg/L	4.7	3	<	5									<	5				
2-Butanone	µg/L	50	NA	<	10									<	10				
2-Hexanone	µg/L	50	NA	<	10									<	10				
4-Methyl-2-pentanone	µg/L	NA	NA	<	10									<	10				
Acetone	µg/L	50	NA	<	10									<	10				
Acetonitrile	µg/L	NA	5	<	100									<	100				
Benzene	µg/L	0.7	1	<	5									<	5				
Bromochloromethane	µg/L	5	5	<	5									<	5				
Bromodichloromethane	µg/L	50	5	<	5									<	5				
Bromoform	µg/L	50	NA	<	5									<	5				
Bromomethane	µg/L	NA	5	<	5									<	5				
Carbon disulfide	µg/L	NA	NA	<	5									<	5				
Carbon tetrachloride	µg/L	5	5	<	5									<	5				
Chlorobenzene	µg/L	5	5	<	5									<	5				
Chloroethane	µg/L	5	5	<	5									<	5				
Chloroform	µg/L	7	7	<	5									<	5				
Chloromethane	µg/L	5	5	<	5									<	5				
Dibromochloromethane	µg/L	50	NA	<	5									<	5				
Dibromomethane	µg/L	NA	5	<	5									<	5				
Ethylbenzene	µg/L	5	5	<	5									<	5				
Iodomethane	µg/L	5	5	<	5									<	5				
Methylene chloride	µg/L	5	5	<	5									<	5				
Styrene	µg/L	5	5	<	5									<	5				
Tetrachloroethene	µg/L	5	5	<	5									<	5				
Toluene	µg/L	5	5	<	5									<	5				
Trichloroethene	µg/L	5	5	UJ	5									<	5				
Trichlorofluoromethane	µg/L	5	5	<	5									<	5				
Vinyl acetate	µg/L	NA	NA	<	50									<	50				
Vinyl chloride	µg/L	2	2	<	5									<	5				
cis-1,2-Dichloroethene	µg/L	5	5	<	5									<	5				
cis-1,3-Dichloropropene	µg/L	5	0.4	<	5									<	5				
m,p-Xylene	µg/L	NA	5	<	5									<	5				
o-Xylene	µg/L	5	5	<	5									<	5				
trans-1,2-Dichloroethene	µg/L	5	5	<	5									<	5				
trans-1,3-Dichloropropene	µg/L	5	0.4	<	5									<	5				
trans-1,4-Dichloro-2-butene	µg/L	5	5	<	10									<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		GW	Grey Till		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R
Parameter	Units	Standards	Trigger		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	NA	1153		1216		271		158		362		476		543		555		606
Eh	mV	NA	426		171		256		242		-24		-30		-93		-69		-20
pH	SU	6.5 - 8.5	5.0 - 10.4		7.06		7.57		7.7		8.21		8.21		8.08		7.61		7.8
Temperature	degC	NA	NA		9.4		12.5		19.1		11.9		3.4		22.2		20.4		12.5
Turbidity	NTU	5	15		14.7		3.77		3.27		14.2		3.11		6.7		7.58		18.59
SWL	ft	NA	NA		6.83		6.78		8.31		5.25		6.45		5.24		9.64		6.84
Bromide	mg/L	NA	1.5	<	0.4	<	0.8	<	0.8	<	1.6	<	0.8	UJ	0.8	<	8	<	8
Aluminum	µg/L	NA	502					<	100					<	100				
Antimony	µg/L	3	38					<	5 uj					<	5				
Arsenic	µg/L	25	6					<	5					<	5				
Barium	µg/L	1000	229						72.2						86.3				
Beryllium	µg/L	3	3					<	3					<	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		42100		44900		41600		44100		46300		50000		48600		66400
Chromium	µg/L	50	51					<	10					<	10				
Cobalt	µg/L	NA	18					<	20					<	20				
Copper	µg/L	200	28					<	10					<	10				
Hardness, Total(CaCO3)	µg/L	NA	NA		243000		265000		239000		255000		263000		282000		278000		345000
Iron	µg/L	300	900		194		240		60.6		227		120	J	149		937		1120
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600		33400		37000		32800		35200		35900		38300		38000		43500
Manganese	µg/L	300	88		18.7		122		23.8		29.3		29.7	J	21.8		173		82.7
Mercury	µg/L	2	7					<	0.2					<	0.2				
Nickel	µg/L	NA	50					<	30					<	30				
Potassium	µg/L	NA	8000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	µg/L	10	4					<	3					<	3				
Silver	µg/L	50	39					<	Reject					<	10				
Sodium	µg/L	20000	39000		7920		8130		8240		7860		7490		8080		8070		8020
Thallium	µg/L	4	12					<	3					<	3				
Vanadium	µg/L	NA	24					<	30					<	30				
Zinc	µg/L	300	56					<	10					<	10				
Boron	µg/L	1	131					<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		250		250		240		250		250	J	260		260		300
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		2.23		3.07		3.23		3.61		3.74		3.47		3.64		3.25
Color	UNITS	15	46						13						7				
Cyanide	µg/L	100	9.2					<	10					<	10				
Hexavalent chromium	mg/L	0.05	0.031					<	0.01					<	0.01				
Nitrogen, Ammonia (As NH3)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (as N)	mg/L	10	0.2		0.0631		0.0675	<	0.05		0.116		0.072	J	0.113		0.058		0.081
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		180		300		290		220		290		320		200		200
Sulfate	mg/L	250	66		54		11.5		12.6		34.9		41.7		36.1		43.2		59

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		GW	Grey Till		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R		MW-14R
Parameter	Units	Standards	Trigger		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	µg/L	5	5					<	5					<	5				
1,1,1-Trichloroethane	µg/L	5	5					<	5					<	5				
1,1,2,2-Tetrachloroethane	µg/L	5	5					<	5					<	5				
1,1,2-Trichloroethane	µg/L	5	1					<	5					<	5				
1,1-Dichloroethane	µg/L	5	5					<	5					<	5				
1,1-Dichloroethene	µg/L	5	5					<	5					<	5				
1,2,3-Trichloropropane	µg/L	5	0.04					<	5					<	5				
1,2-Dibromo-3-chloropropane	µg/L	5	0.4					<	10					<	10				
1,2-Dibromoethane	µg/L	5	5					<	5					<	5				
1,2-Dichlorobenzene	µg/L	4.7	3					<	5					<	5				
1,2-Dichloroethane	µg/L	5	0.6					<	5					<	5				
1,2-Dichloropropane	µg/L	5	1					<	5					<	5				
1,3-Dichlorobenzene	µg/L	5	3					<	5					<	5				
1,4-Dichlorobenzene	µg/L	4.7	3					<	5					<	5				
2-Butanone	µg/L	50	NA					<	10					<	10				
2-Hexanone	µg/L	50	NA					<	10					<	10				
4-Methyl-2-pentanone	µg/L	NA	NA					<	10					<	10				
Acetone	µg/L	50	NA					<	10					<	10				
Acetonitrile	µg/L	NA	5					<	100					<	100				
Benzene	µg/L	0.7	1					<	5					<	5				
Bromochloromethane	µg/L	5	5					<	5					<	5				
Bromodichloromethane	µg/L	50	5					<	5					<	5				
Bromoform	µg/L	50	NA					<	5					<	5				
Bromomethane	µg/L	NA	5					<	5					<	5				
Carbon disulfide	µg/L	NA	NA					<	5					<	5				
Carbon tetrachloride	µg/L	5	5					<	5					<	5				
Chlorobenzene	µg/L	5	5					<	5					<	5				
Chloroethane	µg/L	5	5					<	5					<	5				
Chloroform	µg/L	7	7					<	5					<	5				
Chloromethane	µg/L	5	5					<	5					<	5				
Dibromochloromethane	µg/L	50	NA					<	5					<	5				
Dibromomethane	µg/L	NA	5					<	5					<	5				
Ethylbenzene	µg/L	5	5					<	5					<	5				
Iodomethane	µg/L	5	5					<	5					<	5				
Methylene chloride	µg/L	5	5					<	5					<	5				
Styrene	µg/L	5	5					<	5					<	5				
Tetrachloroethene	µg/L	5	5					<	5					<	5				
Toluene	µg/L	5	5					<	5					<	5				
Trichloroethene	µg/L	5	5					<	5					<	5				
Trichlorofluoromethane	µg/L	5	5					<	5					<	5				
Vinyl acetate	µg/L	NA	NA					<	Reject					UJ	50				
Vinyl chloride	µg/L	2	2					<	5					<	5				
cis-1,2-Dichloroethene	µg/L	5	5					<	5					<	5				
cis-1,3-Dichloropropene	µg/L	5	0.4					<	5					<	5				
m,p-Xylene	µg/L	NA	5					<	10					<	5				
o-Xylene	µg/L	5	5					<	5					<	5				
trans-1,2-Dichloroethene	µg/L	5	5					<	5					<	5				
trans-1,3-Dichloropropene	µg/L	5	0.4					<	50					<	5				
trans-1,4-Dichloro-2-butene	µg/L	5	5					<	5					<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Bedrock		MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D	
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q
Conductivity	umhos/cm	1225		462	470	493	493	466	473	484		493		487		440		488		495	
Eh	mV	582		53.4	204.3	177.5	111.2	173.5	89.8	230.5		255.1		246.7		278.3		160.3		88	
Field pH	SU	6.1 to 9.1	8.5	7.2	7.75	7.88	7.86	7.81	8.1	7.83		7.71		8.18		8.28		7.79		8.25	
Temperature	degC			11.4	12.8	7.8	7.8	9.6		11.8		9		7.1		8.7		10.9		7.9	
Turbidity	NTU	41	5	10.5	11.05	1.25	1.15	2	7.5	7		4		7.35		4		25		6.5	
Water Level	ft			5.62	8.33	7	5.65	5	6.92	9		7.7		6.77		4.59		7.25		6.35	
Bromide	mg/l																				
Aluminum	ug/l	116		86	93	U	U	U				75	U	75	U						
Antimony	ug/l	39	3	U	U	U	U	U				50	U	50	U						
Arsenic	ug/l	8	25	U	U	U	U	U				2	U	2	U						
Barium	ug/l	133	1000	46	45	46	40	40				50		50							
Beryllium	ug/l	2		U	U	U	U	U				2	U	2	U						
Cadmium	ug/l	5	10	U	U	U	U	U	6	5	U	5	U	5	U	5	U	5	U	5	U
Calcium	ug/l	110000		53700	55200	54500	52800	50000	54300	56500		50300		45300		38200		60800		35700	
Chromium	ug/l	51	50	13	U	10	U	U				14		10	U						
Cobalt	ug/l	18		U	U	U	U	U				10	U	10							
Copper	ug/l	19	200	U	U	U	U	U				17	U	17	U						
Hardness, Total (mg/l CaCO3)	mg/l	1.5		234	239	235	228	217	238	248		223		243		220		265		214	
Iron	ug/l	1200	300	1540	595	437	380	352	710	441		466		466		489		690		521	
Lead	ug/l	4	25	2	4	U	2	2	U	5		2		1	U	1	U	5		10	
Magnesium	ug/l	52000	35000	24400	24600	24100	23300	22300	24800	25900		23600		31600		30200		27500		30200	
Manganese	ug/l	348	300	73	67	66	52	56	47	65		75		18		20		45		18	
Mercury	ug/l	0	2	U	U	U	U	U				0.2	U	0.2	U						
Nickel	ug/l	24		U	U	U	U	U				16		12	U						
Potassium	ug/l	10000		1480	1390	1010	968	909	1200	1120		1310		1250		930		1510		1600	
Selenium	ug/l	4	10	U	U	U	U	U				2	U	2	U						
Silver	ug/l	7	50	U	U	U	U	U				10	U	10	U						
Sodium	ug/l	26000	20000	4910	4680	5100	4740	4540	4740	5000		4930		4450		4840		5170		5370	
Thallium	ug/l	5	4	U	U	U	U	U				1	U	1	U						
Vanadium	ug/l	148		U	U	U	U	U				10	U	10	U						
Zinc	ug/l	49	300	36	U	U	U	U				20	U	20	U						
Boron	mg/l	276	1000	U	U	U	U	U				52		49							
Alkalinity, Total (As CaCO3)	mg/lCaCO3	380		213	206	210	219	211	227	229		251		212		214		214		187	
Biochemical Oxygen Demand	mg/l	7.9		U	U	U	U	U	U	3	U	3	U	3	U	3	U	3	U	3	U
Chemical Oxygen Demand	mg/l	42.6		20	U	U	U	U	U	5	U	10	U	10	U	10	U	10	U	10	U
Chloride	mg/l	19	250	3.5	4.66	5.74	3.98	U	6.54	6.19		7.04		7.43		8.43		8.55		8.5	
Color	Units	78	15	25	15	25	5	5				15		20							
Cyanide	mg/l	0.009	0.1	U	U	U	U	U				0.01	U	0.01	U						
Hexavalent chromium	mg/l	0.027		U	U	U	U	U				0.01	U	0.01	U						
Nitrogen, Ammonia (As N)	mg/l	0.9	2	U	U	U	U	U	0.102	0.459		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nitrogen, Kjeldahl, Total	mg/l	2.2		U	U	U	1.75	U	U	1.27		1	U	1	U	1.55		1	U	1.84	
Nitrogen, Nitrate (As N)	mg/l	0.4	10	U	U	0.259	U	U	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Organic Carbon, Total	mg/l	30.2		1.5	1	U	U	U	1.3	1	U	1.3		1		1	U	1		1.1	
Phenolics, Total Recoverable	mg/l	0.062	0.001	U	U	U	U	U	U	0.001	U	0.005	U	0.004	U	0.004	U	0.0163		0.004	U
Residue, Dissolved (TDS)	mg/l	568	500	238	241	216	217	228	266	244		270		250		260		251		237	
Sulfate	mg/l	119	250	26	28	25	29	28	26	32		36		24		27		37		33	

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Bedrock		MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D	
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q
1,1,1,2-Tetrachloroethane	ug/l	5	5											5	U						
1,1,1-Trichloroethane	ug/l	5	5											5	U						
1,1,2,2-Tetrachloroethane	ug/l	5	5											5	U						
1,1,2-Trichloroethane	ug/l	1	1											5	U						
1,1-Dichloroethane	ug/l	5	5											5	U						
1,1-Dichloroethene	ug/l	5	5											5	U						
1,2,3-Trichloropropane	ug/l	0.04	0.04											5	U						
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4											5	U						
1,2-Dibromoethane	ug/l	5	5											5	U						
1,2-Dichlorobenzene	ug/l	3	3											2	U						
1,2-Dichloroethane	ug/l	0.6	0.6											5	U						
1,2-Dichloropropane	ug/l	1	1											5	U						
1,3-Dichlorobenzene	ug/l	3																			
1,4-Dichlorobenzene	ug/l	3	3											2	U						
2-Butanone	ug/l	NA																			
2-Hexanone	ug/l	NA												10	U						
4-Methyl-2-pentanone	ug/l	NA																			
Acetone	ug/l	NA												25	U						
Acrylonitrile	ug/l	5	5											20	U						
Benzene	ug/l	1	1											0.7	U						
Bromochloromethane	ug/l	5	5											5	U						
Bromodichloromethane	ug/l	5	5											5	U						
Bromoform	ug/l	NA												5	U						
Bromomethane	ug/l	5	5											5	U						
Carbon disulfide	ug/l	NA												5	U						
Carbon tetrachloride	ug/l	5	5											5	U						
Chlorobenzene	ug/l	5	5											5	U						
Chloroethane	ug/l	5	5											5	U						
Chloroform	ug/l	7	7											5	U						
Chloromethane	ug/l	5	5											5	U						
Dibromochloromethane	ug/l	NA												5	U						
Dibromomethane	ug/l	5	5											5	U						
Ethylbenzene	ug/l	5	5											5	U						
Iodomethane	ug/l	5	5											5	U						
Methylene chloride	ug/l	5	5											5	U						
Styrene	ug/l	5	5											5	U						
Tetrachloroethene	ug/l	5	5											5	U						
Toluene	ug/l	5	5											5	U						
Trichloroethene	ug/l	5	5											5	U						
Trichlorofluoromethane	ug/l	5	5											5	U						
Vinyl acetate	ug/l	NA												5	U						
Vinyl chloride	ug/l	2	2											2	U						
cis-1,2-Dichloroethene	ug/l	5	5											5	U						
cis-1,3-Dichloropropene	ug/l	0.4	0.4											5	U						
m,p-Xylene	ug/l	5	5											5	U						
o-Xylene	ug/l	5	5											5	U						
trans-1,2-Dichloroethene	ug/l	5	5											5	U						
trans-1,3-Dichloropropene	ug/l	0.4	0.4											5	U						
trans-1,4-Dichloro-2-butene	ug/l	5	5											5	U						

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Bedrock			MW-16D		MW-16D		MW-16D		MW-16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D
Parameter	Units	Trigger	GW Std.	Q	Feb-01	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03
Conductivity	umhos/cm	1225			480		460		703		270		318		1644		388		160		540		381		261
Eh	mV	582			96.7		60.5		51		250	-	121		106		271		80		75		60		45
Field pH	SU	6.1 to 9.1	8.5		8.97		8.66		7.44		11.51		8.38		8.31		11.05		9		9.61		11.55		11.2
Temperature	degC				7.5		8.6		20		11.8		8.6		9		15		9		4		8		16
Turbidity	NTU	41	5		5		9		7		8		8		30		7		10		4		4		5
Water Level	ft				5.64		5.65		8.41		7.86		5.98		5.03		9		8.35		6.98		5.5		7.66
Bromide	mg/l																			<	0.2	<	0.2	<	0.2
Aluminum	ug/l	116				U	75		1							<	100								
Antimony	ug/l	39	3			U	50									<	15								
Arsenic	ug/l	8	25			U	2									<	10								
Barium	ug/l	133	1000				37										176								
Beryllium	ug/l	2				U	2									<	3								
Cadmium	ug/l	5	10	U	5	U	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	110000			28300		36300		35100		23600		26800		51300		40200		48200		19600		38200		27500
Chromium	ug/l	51	50			U	10									<	5								
Cobalt	ug/l	18				U	10									<	20								
Copper	ug/l	19	200			U	17									<	10								
Hardness, Total (mg/l CaCO3)	mg/l	1.5			208		224		546		73.3		88.4		234		110		210		160		180		88
Iron	ug/l	1200	300		543		578		193		84.4	<	60		653		142		655		294		349		127
Lead	ug/l	4	25	U	1		1		5.43		5.3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	52000	35000		33300		32500		3580		3520		5230		25800		3060		23000		27600		21200		4780
Manganese	ug/l	348	300		11		21	<	10	<	10	<	10		43.5	<	10.0		46.3		10.6		26.6	<	10
Mercury	ug/l	0	2			U	0.2									<	0.20								
Nickel	ug/l	24				U	12									<	30								
Potassium	ug/l	10000			1360		1300		4350		3010		3640	<	1000		4020	<	1000		1450		1340		2950
Selenium	ug/l	4	10			U	2									<	5								
Silver	ug/l	7	50			UJ	10									<	10								
Sodium	ug/l	26000	20000		5550		5680		8880		6670		7310		4640		8410		4720		5810		6180		7660
Thallium	ug/l	5	4			U	1									<	10								
Vanadium	ug/l	148				U	10									<	30								
Zinc	ug/l	49	300			U	20										65.8								
Boron	mg/l	276	1000			U	48									<	0.5								
Alkalinity, Total (As CaCO3)	mg/lCaCO3	380			194		203		44		30		110		220		37		180		120		160		49
Biochemical Oxygen Demand	mg/l	7.9		U	3	U	3	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	42.6		U	10	U	10		21	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	19	250		9.23		9.72		13		10		10		8		11		9		9		11		15
Color	Units	78	15				10										17								
Cyanide	mg/l	0.009	0.1			U	0.01									<	0.01								
Hexavalent chromium	mg/l	0.027				U	0.01									<	0.01								
Nitrogen, Ammonia (As N)	mg/l	0.9	2	U	0.1	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		U	1	U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.4	10		0.065	U	0.1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	30.2			6	J	1.6		2	<	3		3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.062	0.001		0.0073	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.008	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	568	500		204		275		130		160		300		230		250		260		230		120		150
Sulfate	mg/l	119	250		27		30.1		26		25		30		36		37		37		28		29		26

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Bedrock			MW-16D		MW-16D		MW-16D		MW-16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D
Parameter	Units	Trigger	GW Std.	Q	Feb-01	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03
1,1,1,2-Tetrachloroethane	ug/l	5	5			U	5									<	5								
1,1,1-Trichloroethane	ug/l	5	5			U	5									<	5								
1,1,2,2-Tetrachloroethane	ug/l	5	5			U	5									<	5								
1,1,2-Trichloroethane	ug/l	1	1			U	5									<	5								
1,1-Dichloroethane	ug/l	5	5			U	5									<	5								
1,1-Dichloroethene	ug/l	5	5			U	5									<	5								
1,2,3-Trichloropropane	ug/l	0.04	0.04			U	5									<	5								
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4			U	5									<	10								
1,2-Dibromoethane	ug/l	5	5			U	5									<	5								
1,2-Dichlorobenzene	ug/l	3	3			U	2									<	5								
1,2-Dichloroethane	ug/l	0.6	0.6			U	5									<	5								
1,2-Dichloropropane	ug/l	1	1			U	5									<	5								
1,3-Dichlorobenzene	ug/l	3																							
1,4-Dichlorobenzene	ug/l	3	3			U	2									<	5								
2-Butanone	ug/l	NA																							
2-Hexanone	ug/l	NA				U	10									<	10								
4-Methyl-2-pentanone	ug/l	NA																							
Acetone	ug/l	NA				D	25										15								
Acrylonitrile	ug/l	5	5			U	20									<	100								
Benzene	ug/l	1	1			U	0.7									<	5								
Bromochloromethane	ug/l	5	5			U	5									<	5								
Bromodichloromethane	ug/l	5	5			U	5									<	5								
Bromoform	ug/l	NA				U	5									<	5								
Bromomethane	ug/l	5	5			U	5									<	5								
Carbon disulfide	ug/l	NA				U	5									<	5								
Carbon tetrachloride	ug/l	5	5			U	5									<	5								
Chlorobenzene	ug/l	5	5			U	5									<	5								
Chloroethane	ug/l	5	5			U	5									<	5								
Chloroform	ug/l	7	7			U	5									<	5								
Chloromethane	ug/l	5	5			U	5									<	5								
Dibromochloromethane	ug/l	NA				U	5									<	5								
Dibromomethane	ug/l	5	5			U	5									<	5								
Ethylbenzene	ug/l	5	5			U	5									<	5								
Iodomethane	ug/l	5	5			U	5									<	5								
Methylene chloride	ug/l	5	5			U	5									<	5								
Styrene	ug/l	5	5			U	5									<	5								
Tetrachloroethene	ug/l	5	5			U	5									<	5								
Toluene	ug/l	5	5			U	5									<	5								
Trichloroethene	ug/l	5	5			U	5									<	5								
Trichlorofluoromethane	ug/l	5	5			U	5									<	5								
Vinyl acetate	ug/l	NA				U	5									<	50								
Vinyl chloride	ug/l	2	2			U	2									<	5								
cis-1,2-Dichloroethene	ug/l	5	5			U	5									<	5								
cis-1,3-Dichloropropene	ug/l	0.4	0.4			U	5									<	5								
m,p-Xylene	ug/l	5	5			U	5									<	5								
o-Xylene	ug/l	5	5			U	5									<	5								
trans-1,2-Dichloroethene	ug/l	5	5			U	5									<	5								
trans-1,3-Dichloropropene	ug/l	0.4	0.4			U	5									<	5								
trans-1,4-Dichloro-2-butene	ug/l	5	5			U	5									<	10								

ENVIRONMENTAL MONITORING
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		Bedrock			MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D
Parameter	Units	Trigger	GW Std.		Nov-03		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06
Conductivity	umhos/cm	1225			534		443		303		361		298		312		374		414		459		503		203
Eh	mV	582			40		75		15		95		40		100		-20		45		-20		-5		-80
Field pH	SU	6.1 to 9.1	8.5		7.81		8.24		8		8.67		9.1		8.63		8.73		9.12		8.43		8.75		10.28
Temperature	degC				14		6		10		15		9		7		10		18		3.6		1.7		12.4
Turbidity	NTU	41	5		7		2		6		3		4		7		4		4		1.38		0.84		5.02
Water Level	ft				6.3		7.19		6.55		8.2		7.2		6.7		6.62		10.13		6.48		6.64		6.58
Bromide	mg/l			<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	116		<	100	<	100								103	<	100			<	100				
Antimony	ug/l	39	3	<	15		19.5								17.8	<	15			<	15				
Arsenic	ug/l	8	25	<	10	<	10							<	10	<	10			<	10				
Barium	ug/l	133	1000		84.5	<	50							<	50	<	50			<	50				
Beryllium	ug/l	2		<	3	<	3							<	3	<	3			<	3				
Cadmium	ug/l	5	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	110000			21200		18800		20100		24600		41300		30900		27200		20200		21500		28900		38500
Chromium	ug/l	51	50	<	5	<	5							<	5	<	5			<	5				
Cobalt	ug/l	18		<	20	<	20							<	20	<	20			<	20				
Copper	ug/l	19	200	<	10	<	10								58.8		12.4				10.7				
Hardness, Total (mg/l CaCO3)	mg/l	1.5			79		200		220		224		271		218		218		175		176		222		111
Iron	ug/l	1200	300		94.1		256		319		442		736		549		497		359		361		1010		117
Lead	ug/l	4	25	<	3		3.52	<	3	<	3	<	3		7.41	<	3	<	3	<	3		15.9	<	3
Magnesium	ug/l	52000	35000		6400		37700		41700		39500		40900		34200		36400		30200		29800		36500		3570
Manganese	ug/l	348	300			<	10		8.9		11		20.4		15.8		11.8		57.6	<	10		15.6	<	10
Mercury	ug/l	0	2	<	0.2	<	0.2									<	0.2			<	0.2				
Nickel	ug/l	24		<	30	<	30							<	30	<	30			<	30				
Potassium	ug/l	10000			2840		1140		1070		2220		1250		1750		1250		1820		1400		1100		2570
Selenium	ug/l	4	10	<	5	<	5							<	5	<	5			<	5				
Silver	ug/l	7	50	<	10	<	10							<	10	<	10			<	10				
Sodium	ug/l	26000	20000		7220		4190		4710		4590		4760		4670		5390		6570		5110		5820		7550
Thallium	ug/l	5	4	<	10	<	10							<	10	<	10			<	10				
Vanadium	ug/l	148		<	30	<	30							<	30	<	30			<	30				
Zinc	ug/l	49	300		71.2		53.1								38.9		15.2				14.4				
Boron	mg/l	276	1000	<	0.5	<	0.5							<	500	<	500			<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	380			87		210		190		190		350		300		210		140		170		230		54
Biochemical Oxygen Demand	mg/l	7.9		<	4	<	4	<	4	<	4		5		4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	42.6		<	20	<	20		12	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	19	250		15		12		12		15.8		14		17.9		16.8		16.4		16.3		20.2		20.7
Color	Units	78	15		6		11										50			<	5				
Cyanide	mg/l	0.009	0.1	<	0.01	<	0.01									<	10			<	10				
Hexavalent chromium	mg/l	0.027		<	0.01	<	0.01									<	0.01			<	0.01				
Nitrogen, Ammonia (As N)	mg/l	0.9	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.4	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	30.2		<	3	<	3		5	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.062	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.01
Residue, Dissolved (TDS)	mg/l	568	500		130		250		248		248		238		282		230		150		212		415		200
Sulfate	mg/l	119	250		41		44		44.7		45.3		41.7		38.8		41.3		41.2		47.1		36.8		27.8

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		Bedrock			MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW - 16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D
Parameter	Units	Trigger	GW Std.		Nov-03		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5									<	5			<	5				
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5									<	5			<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5									<	5			<	5				
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5									<	5			<	5				
1,1-Dichloroethane	ug/l	5	5	<	5	<	5									<	5			<	5				
1,1-Dichloroethene	ug/l	5	5	<	5	<	5									<	5			<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5									<	5			<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10									<	10			<	10				
1,2-Dibromoethane	ug/l	5	5	<	5	<	5									<	5			<	5				
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5									<	5			<	5				
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5									<	5			<	5				
1,2-Dichloropropane	ug/l	1	1	<	5	<	5									<	5			<	5				
1,3-Dichlorobenzene	ug/l	3														<	5			<	5				
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5									<	5			<	5				
2-Butanone	ug/l	NA			110	<	10									<	10				20				
2-Hexanone	ug/l	NA		<	10	<	10									<	10			<	10				
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10									<	10			<	10				
Acetone	ug/l	NA		<	10	<	10									<	10			<	10				
Acrylonitrile	ug/l	5	5	<	100	<	100									<	100			<	100				
Benzene	ug/l	1	1	<	5	<	5									<	5			<	5				
Bromochloromethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Bromodichloromethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Bromoform	ug/l	NA		<	5	<	5									<	5			<	5				
Bromomethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Carbon disulfide	ug/l	NA		<	5	<	5									<	5			<	5				
Carbon tetrachloride	ug/l	5	5	<	5	<	5									<	5			<	5				
Chlorobenzene	ug/l	5	5	<	5	<	5									<	5			<	5				
Chloroethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Chloroform	ug/l	7	7	<	5	<	5									<	5			<	5				
Chloromethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Dibromochloromethane	ug/l	NA		<	5	<	5									<	5			<	5				
Dibromomethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Ethylbenzene	ug/l	5	5	<	5	<	5									<	5			<	5				
Iodomethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Methylene chloride	ug/l	5	5		1	<	5									<	5			<	5				
Styrene	ug/l	5	5	<	5	<	5									<	5			<	5				
Tetrachloroethene	ug/l	5	5	<	5	<	5									<	5			<	5				
Toluene	ug/l	5	5	<	5	<	5									<	5			<	5				
Trichloroethene	ug/l	5	5	<	5	<	5									<	5			<	5				
Trichlorofluoromethane	ug/l	5	5	<	5	<	5									<	5			<	5				
Vinyl acetate	ug/l	NA		<	50	<	50									<	50			<	50				
Vinyl chloride	ug/l	2	2	<	5	<	5									<	5			<	5				
cis-1,2-Dichloroethene	ug/l	5	5		4	<	5									<	5			<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5									<	5			<	5				
m,p-Xylene	ug/l	5	5	<	5	<	5									<	5			<	5				
o-Xylene	ug/l	5	5	<	5	<	5									<	5			<	5				
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5									<	5			<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5									<	5			<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10									<	10			<	10				

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		Bedrock			MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D
Parameter	Units	Trigger	GW Std.		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09
Conductivity	umhos/cm	1225			232		291		467		154.9		1683		290		402		687		383		286		466
Eh	mV	582			-80		5		34		-150		-281		-154		-121		-212		-67		-104		-50
Field pH	SU	6.1 to 9.1	8.5		9.82		8.79		8.89		8.71		10.21		9.24		8.71		9.42		8.96		8.88		7.89
Temperature	degC				18.3		12.8		12.1		8.8		16.7		14.1		6.9		10.2		16.7		9.2		6.3
Turbidity	NTU	41	5		8.14		3.78		6.27		5.1		6.73		11.1		3.71		10.5		5.27		4.69		3.72
Water Level	ft				8.32		6.39		8.23		6.5		9.71		9.31		6.72		9.04		7.5		7.75		6.6
Bromide	mg/l			<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	0.2	R<	0.2	<	0.2	<	2	<	0.2	<	0.2
Aluminum	ug/l	116		<	100									<	100	<	100								
Antimony	ug/l	39	3	<	15									<	15	<	15								
Arsenic	ug/l	8	25	<	10									<	10	<	10								
Barium	ug/l	133	1000		68.1										79.9		134								
Beryllium	ug/l	2		<	3									<	3	J	5.21								
Cadmium	ug/l	5	10	<	5	<	5	<	5	<	5	<	5	<	5	J	6.37	<	5	<	5	<	5	<	5
Calcium	ug/l	110000			25200		19100		53100		13700		24500		26800		52400		84000		21400		25500		23700
Chromium	ug/l	51	50	<	5									<	5		7.06								
Cobalt	ug/l	18		<	20									<	20	<	20								
Copper	ug/l	19	200	<	10									<	10	<	10								
Hardness, Total (mg/l CaCO3)	mg/l	1.5			97.2		321		149		130		96.9		115		157		230000		171000		108000		262000
Iron	ug/l	1200	300		192		121		106		198		71.1		230	J	287		441		326		115		648
Lead	ug/l	4	25		4.8	<	3	<	3	<	3		3.64	<	3	J	3.44	<	3	<	3	<	3	<	3
Magnesium	ug/l	52000	35000		8340		6500		3950		23200		8640		11600	J	6460		4860		28500		10700		49300
Manganese	ug/l	348	300	<	10	<	10	<	10	<	10	<	10	<	10	UJ<	10	<	10	<	10	<	10		13.5
Mercury	ug/l	0	2	<	0.2									<	0.2	<	0.2								
Nickel	ug/l	24		<	30									<	30	<	30								
Potassium	ug/l	10000			2500		2640		3490		1550		3610		2230		3370		2740		1780		1650	<	1000
Selenium	ug/l	4	10		7.37				9250					<	5	UJ	5								
Silver	ug/l	7	50	<	10									<	10	<	10								
Sodium	ug/l	26000	20000		7440		7990				6850		8610		9530		9550		9720		9290		9670		8200
Thallium	ug/l	5	4	<	10									<	10	UJ	10								
Vanadium	ug/l	148		<	30									<	30	<	30								
Zinc	ug/l	49	300		44.8										13.8		27.8								
Boron	mg/l	276	1000	<	500									<	500	<	500								
Alkalinity, Total (As CaCO3)	mg/lCaCO3	380			150		22		70		86		43		23		59		120		100		100		170
Biochemical Oxygen Demand	mg/l	7.9		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	42.6		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	19	250		22.7		25.2		24.8		27.4		28.1		35.7		36.6		33.7		40.3		39.6		42.1
Color	Units	78	15		10									<	5	UJ	5								
Cyanide	mg/l	0.009	0.1	<	10									<	10	<	10								
Hexavalent chromium	mg/l	0.027		<	0.01									<	0.01	<	0.01								
Nitrogen, Ammonia (As N)	mg/l	0.9	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.4	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	30.2		<	3		3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.062	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	568	500		188		170		188		130		225		132		170		322		178		157		120
Sulfate	mg/l	119	250		33.6		36.8		33.3		33.7		47.8		42.3		41.4		42.5		46.3		40.4		53.3

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Bedrock			MW-16D		MW-16D		MW-16D	MW-16D	MW-16D		MW-16D		MW-16D		MW-16D	MW-16D	MW-16D	MW-16D
Parameter	Units	Trigger	GW Std.		Aug-06		Nov-06		Feb-07	May-07	Aug-07		Nov-07		Feb-08		May-08	Aug-08	Nov-08	Feb-09
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5							<	5	<	5					
1,1,1-Trichloroethane	ug/l	5	5	<	5							<	5	<	5					
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5							<	5	<	5					
1,1,2-Trichloroethane	ug/l	1	1	<	5							<	5	<	5					
1,1-Dichloroethane	ug/l	5	5	<	5							<	5	<	5					
1,1-Dichloroethene	ug/l	5	5	<	5							<	5	<	5					
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5							<	5	<	5					
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10							<	10	<	10					
1,2-Dibromoethane	ug/l	5	5	<	5							<	5	<	5					
1,2-Dichlorobenzene	ug/l	3	3	<	5							<	5	<	5					
1,2-Dichloroethane	ug/l	0.6	0.6	<	5							<	5	<	5					
1,2-Dichloropropane	ug/l	1	1	<	5							<	5	<	5					
1,3-Dichlorobenzene	ug/l	3		<	5							<	5	<	5					
1,4-Dichlorobenzene	ug/l	3	3	<	5							<	5	<	5					
2-Butanone	ug/l	NA		<	10								160		100					
2-Hexanone	ug/l	NA		<	10							<	10	<	10					
4-Methyl-2-pentanone	ug/l	NA		<	10							<	10	<	10					
Acetone	ug/l	NA		<	10							<	10	<	10					
Acrylonitrile	ug/l	5	5	<	100							<	100	<	100					
Benzene	ug/l	1	1	<	5							<	5	<	5					
Bromochloromethane	ug/l	5	5	<	5							<	5	<	5					
Bromodichloromethane	ug/l	5	5	<	5							<	5	<	5					
Bromoform	ug/l	NA		<	5							<	5	<	5					
Bromomethane	ug/l	5	5	<	5							<	5	<	5					
Carbon disulfide	ug/l	NA		<	5							<	5	<	5					
Carbon tetrachloride	ug/l	5	5	<	5							<	5	<	5					
Chlorobenzene	ug/l	5	5	<	5							<	5	<	5					
Chloroethane	ug/l	5	5	<	5							<	5	<	5					
Chloroform	ug/l	7	7	<	5							<	5	<	5					
Chloromethane	ug/l	5	5	<	5							<	5	<	5					
Dibromochloromethane	ug/l	NA		<	5							<	5	<	5					
Dibromomethane	ug/l	5	5	<	5							<	5	<	5					
Ethylbenzene	ug/l	5	5	<	5							<	5	<	5					
Iodomethane	ug/l	5	5	<	5							<	5	<	5					
Methylene chloride	ug/l	5	5	<	5							<	5	<	5					
Styrene	ug/l	5	5	<	5							<	5	<	5					
Tetrachloroethene	ug/l	5	5	<	5							<	5	<	5					
Toluene	ug/l	5	5	<	5							<	5	<	5					
Trichloroethene	ug/l	5	5	<	5							<	5	<	5					
Trichlorofluoromethane	ug/l	5	5	<	5							<	5	<	5					
Vinyl acetate	ug/l	NA		<	5							<	50	<	50					
Vinyl chloride	ug/l	2	2	<	5							<	5	<	5					
cis-1,2-Dichloroethene	ug/l	5	5	<	5							<	5	<	5					
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5							<	5	<	5					
m,p-Xylene	ug/l	5	5	<	10							<	5	<	5					
o-Xylene	ug/l	5	5	<	5							<	5	<	5					
trans-1,2-Dichloroethene	ug/l	5	5	<	5							<	5	<	5					
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	50							<	5	<	5					
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	5							<	10	<	10					

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		Bedrock			MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D
Parameter	Units	Trigger	GW Std.		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1225			289		250		1015		1415		1361		141		291		646		842		612		563
Eh	mV	582			118		136		148		156		170		168		41		-69		-12		-11		114
Field pH	SU	6.1 to 9.1	8.5		8.38		8.12		7.82		7.44		7.81		7.5		8.44		10.31		9.07		9.07		8.33
Temperature	degC				14.8		16.9		10.3		7.3		12		19		11		6.8		20.1		22.1		9.4
Turbidity	NTU	41	5		3.78		5.82		9.3		9		2.13		4.86		4.17		3.71		2.16		2.83		12.21
Water Level	ft				5.92		6.73		6.95		7.51		6.24		7.49		5.72		5.98		5.66		8.04		6.73
Bromide	mg/l			<	0.2	<	0.2	<	0.2	<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	0.8	<	0.8	<	8
Aluminum	ug/l	116		<	100									<	100					<	100				
Antimony	ug/l	39	3	<	30									<	5 uj					<	5				
Arsenic	ug/l	8	25	<	10									<	5					<	5				
Barium	ug/l	133	1000	<	50									<	50						229				
Beryllium	ug/l	2		<	3									<	3					<	3				
Cadmium	ug/l	5	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	110000			24000		45100		40400		38700		26600		18300		41100		78700		76400		46800		22500
Chromium	ug/l	51	50	<	5									<	10					<	10				
Cobalt	ug/l	18		<	20									<	20					<	20				
Copper	ug/l	19	200	<	10									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	1.5			245000		304000		301000		292000		104000		82		103000		197000		191000		117000		290000
Iron	ug/l	1200	300		598		609		562		645	<	60	<	60		70.1	<	60	J	126		91.7		798
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	52000	35000		44900		46500		48700		47400		9140		8800	<	5000	<	5000	<	5000	<	5000		56700
Manganese	ug/l	348	300		12.8		26.3		41.9		18.7		11	<	10	<	10	<	10	UJ	10	<	10		37
Mercury	ug/l	0	2	<	0.2									<	0.2					<	0.2				
Nickel	ug/l	24		<	30									<	30					<	30				
Potassium	ug/l	10000			1150		1630	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	ug/l	4	10	<	5									<	3					<	3				
Silver	ug/l	7	50	<	10									<	Reject					<	10				
Sodium	ug/l	26000	20000		8080		11800		9760		10200		9170		11900		13100		14600		11800		12900		12400
Thallium	ug/l	5	4	<	10									<	3					UJ	3				
Vanadium	ug/l	148		<	30									<	30					<	30				
Zinc	ug/l	49	300	<	10									<	10					<	10				
Boron	mg/l	276	1000	<	500									<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	380			160		160		210		200		33		100		130		120		150		130		230
Biochemical Oxygen Demand	mg/l	7.9		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	42.6		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	19	250		43.1		47.3		44.4		39.2		33.4		44.8		41		39.8		35.5		41.2		40.6
Color	Units	78	15		6										7						6				
Cyanide	mg/l	0.009	0.1	<	10									<	10					<	10				
Hexavalent chromium	mg/l	0.027		<	0.01									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	0.9	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.548	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.4	10	<	0.2	<	0.2	<	0.2		0.0813		0.652		0.175		0.087	<	0.05	J	0.125		0.1		0.06
Organic Carbon, Total	mg/l	30.2		<	3	<	3	<	3		3.3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.062	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	568	500		340		380		250		340		200		270		210		240		310		260		190
Sulfate	mg/l	119	250		50		43.9		54.1		53		40.8		42.2		38		44.4	J	37.1		41.8		43.6

ENVIRONMENTAL MONITORING
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		Bedrock			MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D		MW-16D
Parameter	Units	Trigger	GW Std.		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5									<	5					<	5				
1,1,1-Trichloroethane	ug/l	5	5	<	5									<	5					<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5									<	5					<	5				
1,1,2-Trichloroethane	ug/l	1	1	<	5									<	5					<	5				
1,1-Dichloroethane	ug/l	5	5	<	5									<	5					<	5				
1,1-Dichloroethene	ug/l	5	5	<	5									<	5					<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5									<	5					<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10									<	10					<	10				
1,2-Dibromoethane	ug/l	5	5	<	5									<	5					<	5				
1,2-Dichlorobenzene	ug/l	3	3	<	5									<	5					<	5				
1,2-Dichloroethane	ug/l	0.6	0.6	<	5									<	5					<	5				
1,2-Dichloropropane	ug/l	1	1	<	5									<	5					<	5				
1,3-Dichlorobenzene	ug/l	3		<	5									<	5					<	5				
1,4-Dichlorobenzene	ug/l	3	3	<	5									<	5					<	5				
2-Butanone	ug/l	NA			21									<	10						90				
2-Hexanone	ug/l	NA		<	10									<	10					<	10				
4-Methyl-2-pentanone	ug/l	NA		<	10									<	10					<	10				
Acetone	ug/l	NA		<	10									<	10					<	10				
Acrylonitrile	ug/l	5	5	<	100									<	100					<	100				
Benzene	ug/l	1	1	<	5									<	5					<	5				
Bromochloromethane	ug/l	5	5	<	5									<	5					<	5				
Bromodichloromethane	ug/l	5	5	<	5									<	5					<	5				
Bromoform	ug/l	NA		<	5									<	5					<	5				
Bromomethane	ug/l	5	5	<	5									<	5					<	5				
Carbon disulfide	ug/l	NA		<	5									<	5						5				
Carbon tetrachloride	ug/l	5	5	<	5									<	5					<	5				
Chlorobenzene	ug/l	5	5	<	5									<	5					<	5				
Chloroethane	ug/l	5	5	<	5									<	5					<	5				
Chloroform	ug/l	7	7	<	5									<	5					<	5				
Chloromethane	ug/l	5	5	<	5									<	5					<	5				
Dibromochloromethane	ug/l	NA		<	5									<	5					<	5				
Dibromomethane	ug/l	5	5	<	5									<	5					<	5				
Ethylbenzene	ug/l	5	5	<	5									<	5					<	5				
Iodomethane	ug/l	5	5	<	5									<	5					<	5				
Methylene chloride	ug/l	5	5	<	5									<	5					<	5				
Styrene	ug/l	5	5	<	5									<	5					<	5				
Tetrachloroethene	ug/l	5	5	<	5									<	5					<	5				
Toluene	ug/l	5	5	<	5									<	5					<	5				
Trichloroethene	ug/l	5	5	<	5									<	5					<	5				
Trichlorofluoromethane	ug/l	5	5	<	5									<	5					<	5				
Vinyl acetate	ug/l	NA		<	50									<	Reject					<	50				
Vinyl chloride	ug/l	2	2	<	5									<	5					<	5				
cis-1,2-Dichloroethene	ug/l	5	5	<	5									<	5					<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5									<	5					<	5				
m,p-Xylene	ug/l	5	5	<	5									<	10					<	5				
o-Xylene	ug/l	5	5	<	5									<	5					<	5				
trans-1,2-Dichloroethene	ug/l	5	5	<	5									<	5					<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5									<	50					<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10									<	5					<	10				

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		Grey Till			MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I
Parameter	Units	Trigger	GW Std.		Sep-93		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97
Conductivity	umhos/cm	1153			47		25		243		421		445		451		412		411		391		502		555
Eh	mV	426			136		-145		-86		271		287		181		316		238		157		220		254
Field pH	SU	5.0 - 10.4	8.5		8.39		6.63		9.88		7.9		7.9		7.9		7.9		8		7.8		7.8		7.7
Temperature	degC	NA																							
Turbidity	NTU	15	5		5		5		10		89		16		27		12		15		25		18		17
Water Level	ft	NA																							
Bromide	mg/l	1.5																							
Aluminum	ug/l	502				<	0.057								367	<	80.9								
Antimony	ug/l	38	3											<	29	<	29								
Arsenic	ug/l	6	25			<	5								7.9		5.9								
Barium	ug/l	229	1000				53.7								77.4		70.6								
Beryllium	ug/l	3				<	2							<	0.9	<	0.9								
Cadmium	ug/l	6	10	<	5	<	2	<	2	<	2.9	<	2.1	<	2.1	<	2.1	<	3.1		2.6	<	2.4	<	2.3
Calcium	ug/l	128000			27300		24800		35000		41000		38300		50600		39800		40100		39300		40700		42100
Chromium	ug/l	51	50			<	5							<	5.3		10.7								
Cobalt	ug/l	18												<	11.4	<	11.4								
Copper	ug/l	28	200			<	5								101		101								
Hardness, Total (mg/l CaCO3)	mg/l	NA			155		151		186		229		183		275		NA		NA				238		
Iron	ug/l	900	300		70		265		1060		3320		2040		549		258		116		418		362		283
Lead	ug/l	4	25	<	3	<	3	<	3		2.7	<	1.3	<	1.3		3.9	<	2.3		2.4	<	2.4	<	1
Magnesium	ug/l	58600	35000		21200		22200		28000		30800		31400		36200		31200		31500		32400		33000		32900
Manganese	ug/l	88	300	<	25		36.4		56.1		108		34.9		42.5		22.9		25.8		25.3		29.4		25.1
Mercury	ug/l	7	2			<	0.2							<	0.2	<	0.2								
Nickel	ug/l	50				<	26							<	14.4	<	14.4								
Potassium	ug/l	8000			2300		1620		1230	<	683	<	456		1690	<	640	<	2020	<	1840	<	1840	<	838
Selenium	ug/l	4	10											<	2.8	<	2.8								
Silver	ug/l	39	50											<	5.7	<	5.7								
Sodium	ug/l	39000	20000		19300		21000		18000		13400		13600		13700		12000		12100		13500		13300		12900
Thallium	ug/l	12	4											<	4	<	4								
Vanadium	ug/l	24												<	8.3	<	8.3								
Zinc	ug/l	56	300			<	5								92.2		39.5								
Boron	mg/l	131	1000				102								67		31.2								
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			140		160		200		195		200		210		205		205		205		205		205
Biochemical Oxygen Demand	mg/l	19.8				<	3		7	<	2		2	<	2	<	2		3	<	2		4		4
Chemical Oxygen Demand	mg/l	48.5		<	5		47		35		19		12.9	<	5	<	5	<	5		5.2	<	5		5.6
Chloride	mg/l	3.9	250		1.55	<	1		2	<	1		2.57		1.5	<	1	<	1		1	<	1		1.1
Color	Units	46	15											<	5		5								
Cyanide	mg/l	9.2	0.1			<	0.00001							<	0.01	<	0.01								
Hexavalent chromium	mg/l	0.031												<	0.02	<	0.02								
Nitrogen, Ammonia (As N)	mg/l	1	2	<	1	<	0.05		0.12	<	0.1	<	0.1	<	0.1	<	0.1		0.113	<	0.1		0.104	<	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	1		0.3		0.4	<	1.4	<	1	<	1	<	1	<	1	<	1		1.1	<	1
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2		0.05		0.1	<	0.02	<	0.02	<	0.02	<	0.02		0.024		0.05	<	0.02	<	0.02
Organic Carbon, Total	mg/l	26.1			11		19.5		7.1		1.1	<	1		2	<	1	<	1	<	1		1.07	<	1
Phenolics, Total Recoverable	mg/l	0.0088	0.001		0.0049			<	0.00001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
Residue, Dissolved (TDS)	mg/l	582	500		328		210		219		248		242		208		205		245		238		242		252
Sulfate	mg/l	66	250		58.6		15		34		37.6		33.5		39		40		42		43		42		42

ENVIRONMENTAL MONITORING
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		Grey Till		MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I
Parameter	Units	Trigger	GW Std.	Sep-93	Nov-94	Jan-95	May-95	Aug-95	Nov-95	Feb-96	May-96	Aug-96	Nov-96	Feb-97
1,1,1,2-Tetrachloroethane	ug/l	5	5											
1,1,1-Trichloroethane	ug/l	5	5											
1,1,2,2-Tetrachloroethane	ug/l	5	5											
1,1,2-Trichloroethane	ug/l	1	1											
1,1-Dichloroethane	ug/l	5	5											
1,1-Dichloroethene	ug/l	5	5											
1,2,3-Trichloropropane	ug/l	0.04	0.04											
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4											
1,2-Dibromoethane	ug/l	5	5											
1,2-Dichlorobenzene	ug/l	3	3											
1,2-Dichloroethane	ug/l	0.6	0.6											
1,2-Dichloropropane	ug/l	1	1											
1,3-Dichlorobenzene	ug/l	3												
1,4-Dichlorobenzene	ug/l	3	3											
2-Butanone	ug/l	NA												
2-Hexanone	ug/l	NA												
4-Methyl-2-pentanone	ug/l	NA												
Acetone	ug/l	NA			12									
Acrylonitrile	ug/l	5	5											
Benzene	ug/l	1	1											
Bromochloromethane	ug/l	5	5											
Bromodichloromethane	ug/l	5	5											
Bromoform	ug/l	NA												
Bromomethane	ug/l	5	5											
Carbon disulfide	ug/l	NA												
Carbon tetrachloride	ug/l	5	5											
Chlorobenzene	ug/l	5	5											
Chloroethane	ug/l	5	5											
Chloroform	ug/l	7	7											
Chloromethane	ug/l	5	5											
Dibromochloromethane	ug/l	NA												
Dibromomethane	ug/l	5	5											
Ethylbenzene	ug/l	5	5											
Iodomethane	ug/l	5	5											
Methylene chloride	ug/l	5	5											
Styrene	ug/l	5	5											
Tetrachloroethene	ug/l	5	5											
Toluene	ug/l	5	5											
Trichloroethene	ug/l	5	5											
Trichlorofluoromethane	ug/l	5	5											
Vinyl acetate	ug/l	NA												
Vinyl chloride	ug/l	2	2											
cis-1,2-Dichloroethene	ug/l	5	5											
cis-1,3-Dichloropropene	ug/l	0.4	0.4											
m,p-Xylene	ug/l	5	5											
o-Xylene	ug/l	5	5											
trans-1,2-Dichloroethene	ug/l	5	5											
trans-1,3-Dichloropropene	ug/l	0.4	0.4											
trans-1,4-Dichloro-2-butene	ug/l	5	5											

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		Grey Till		MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW-16I	MW-16I	MW-16I		MW-16I		
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00
Conductivity	umhos/cm	1153		440	462	474	449	482	410	426	442	423	450		445		444
Eh	mV	426		221.8	234.4	257.9	250.7	285.6	292.2	232.1	266.4	247.8	263.5		254.4		295.3
Field pH	SU	5.0 - 10.4	8.5	7.91	8.08	7.98	7.99	6.95	8.06	8.14	8.1	8.18	8.09		7.98		8.02
Temperature	degC	NA						7.5	10.2	9.8	6.1		10.8		9.3		6.9
Turbidity	NTU	15	5	43.8	16.3	43.5	31.7	40	30	6.3	10.5	40	45		24		35
Water Level	ft	NA						8.65	11.46	11	7.89	11.45	13.55		10.6		12.15
Bromide	mg/l	1.5															
Aluminum	ug/l	502		194					224						228		209
Antimony	ug/l	38	3	u					U						50	U	50
Arsenic	ug/l	6	25	3					4						6		2
Barium	ug/l	229	1000	69					61						68		65
Beryllium	ug/l	3		u					U						2	U	2
Cadmium	ug/l	6	10	u	u	u	U	U	U	U	U	U	5	U	5	U	5
Calcium	ug/l	128000		35600	38600	33400	33900	31600	30800	25000	32200	33200	34900		31200		36000
Chromium	ug/l	51	50	14					U						10	U	10
Cobalt	ug/l	18		u					U						10	U	10
Copper	ug/l	28	200	u					U						17	U	17
Hardness, Total (mg/l CaCO3)	mg/l	NA		546	216	194	198	187	184	152	192	195	204		185		209
Iron	ug/l	900	300	311	1770	272	274	89	251	102	108	153	191		289		390
Lead	ug/l	4	25	3	6	u	2	1	8	3	1	2	5		1		4
Magnesium	ug/l	58600	35000	28600	29100	27000	27600	26200	25900	21700	25900	27300	28500		26100		29000
Manganese	ug/l	88	300	34	86	81	15	9	27	U	5	5	29		35		16
Mercury	ug/l	7	2	u					U						0.2	U	0.2
Nickel	ug/l	50		12					U						12	U	12
Potassium	ug/l	8000		2500	1900	1270	1340	1240	1450	1480	1310	1450	1390		1580		1320
Selenium	ug/l	4	10	u					U						2	U	2
Silver	ug/l	39	50	u					U						10	U	10
Sodium	ug/l	39000	20000	14100	13100	12500	13400	12800	14800	16000	13600	16000	13600		12900		14400
Thallium	ug/l	12	4	u					U						1	U	1
Vanadium	ug/l	24		u					U						10	U	10
Zinc	ug/l	56	300	21					U						20	U	20
Boron	mg/l	131	1000	u					810						48	U	48
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		183	113	201	200	187	196	191	202	198	202		204		203
Biochemical Oxygen Demand	mg/l	19.8		u	u	u	U	U	U	U	U	U	4		3	U	3
Chemical Oxygen Demand	mg/l	48.5		u	u	u	U	U	U	U	U	U	5	U	10	U	10
Chloride	mg/l	3.9	250	u	u	u	U	U	U	U	U	U	1	U	1	U	2.1
Color	Units	46	15	15					U						10		100
Cyanide	mg/l	9.2	0.1	u					U						0.01	U	0.01
Hexavalent chromium	mg/l	0.031		u					U						0.01	U	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	u	u	0.032	U	U	U	U	U	0.126	0.304		0.1	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		u	1.3	u	1.12	1.52	U	U	U	U	1.43		1	U	1
Nitrogen, Nitrate (As N)	mg/l	0.2	10	u	u	0.124	U	U	U	0.076	U	U	0.05	U	0.05	U	0.05
Organic Carbon, Total	mg/l	26.1		1.3	0.9	u	U	U	U	1.1	U	1.1	1	U	1.3		1
Phenolics, Total Recoverable	mg/l	0.0088	0.001	0.001	u	u	0.003	0.001	U	U	U	U	0.001	U	0.005	U	0.009
Residue, Dissolved (TDS)	mg/l	582	500	249	234	246	244	245	261	235	175	251	221		250		245
Sulfate	mg/l	66	250	44	42	42	41	51	47	46	43	47	48		52		44

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		Grey Till		MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW-16I	MW-16I	MW-16I		MW-16I		
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00
1,1,1,2-Tetrachloroethane	ug/l	5	5														5
1,1,1-Trichloroethane	ug/l	5	5														5
1,1,2,2-Tetrachloroethane	ug/l	5	5														5
1,1,2-Trichloroethane	ug/l	1	1														5
1,1-Dichloroethane	ug/l	5	5														5
1,1-Dichloroethene	ug/l	5	5														5
1,2,3-Trichloropropane	ug/l	0.04	0.04														5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4														5
1,2-Dibromoethane	ug/l	5	5														5
1,2-Dichlorobenzene	ug/l	3	3														2
1,2-Dichloroethane	ug/l	0.6	0.6														5
1,2-Dichloropropane	ug/l	1	1														5
1,3-Dichlorobenzene	ug/l	3															
1,4-Dichlorobenzene	ug/l	3	3														2
2-Butanone	ug/l	NA															
2-Hexanone	ug/l	NA															10
4-Methyl-2-pentanone	ug/l	NA															
Acetone	ug/l	NA															25
Acrylonitrile	ug/l	5	5														20
Benzene	ug/l	1	1														0.7
Bromochloromethane	ug/l	5	5														5
Bromodichloromethane	ug/l	5	5														5
Bromoform	ug/l	NA															5
Bromomethane	ug/l	5	5														5
Carbon disulfide	ug/l	NA															5
Carbon tetrachloride	ug/l	5	5														5
Chlorobenzene	ug/l	5	5														5
Chloroethane	ug/l	5	5														5
Chloroform	ug/l	7	7														5
Chloromethane	ug/l	5	5														5
Dibromochloromethane	ug/l	NA															5
Dibromomethane	ug/l	5	5														5
Ethylbenzene	ug/l	5	5														5
Iodomethane	ug/l	5	5														5
Methylene chloride	ug/l	5	5														5
Styrene	ug/l	5	5														5
Tetrachloroethene	ug/l	5	5														5
Toluene	ug/l	5	5														5
Trichloroethene	ug/l	5	5														5
Trichlorofluoromethane	ug/l	5	5														5
Vinyl acetate	ug/l	NA															5
Vinyl chloride	ug/l	2	2														2
cis-1,2-Dichloroethene	ug/l	5	5														5
cis-1,3-Dichloropropene	ug/l	0.4	0.4														5
m,p-Xylene	ug/l	5	5														5
o-Xylene	ug/l	5	5														5
trans-1,2-Dichloroethene	ug/l	5	5														5
trans-1,3-Dichloropropene	ug/l	0.4	0.4														5
trans-1,4-Dichloro-2-butene	ug/l	5	5														5

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FRANKLIN COUNTY LANDFILL

		Grey Till					MW-16I				MW-16I		MW-16I		MW-16I		MW-16I	MW - 16I		MW - 16I		MW - 16I		MW - 16I
Parameter	Units	Trigger	GW Std.	Q	May-00	Q	Aug-00	Q	#####	Q	Feb-01	Q	May-01		Sep-01		Nov-01	Feb-02		May-02		Aug-02		Nov-02
Conductivity	umhos/cm	1153			423		430		479		432		436		435		331	289		306		355		319
Eh	mV	426			263.1		236.7		195.5		195.2		189.1		99		92	145		90		99		70
Field pH	SU	5.0 - 10.4	8.5		8.09		8.12		7.91		8.11		8.33		8.24		8.63	8.91		8.12		8.05		8.11
Temperature	degC	NA			7		11.6		7.3		5.8		7		20		12.8	7.9		8		14		11
Turbidity	NTU	15	5		25		35		18.5		21.5		15.4		17		4	9		10		2		5
Water Level	ft	NA			8.37		12.45		10.7		9.19		10.03		13.6		10.85	9.8		9.13		14.22		12.03
Bromide	mg/l	1.5																						
Aluminum	ug/l	502											98		1						<	100		
Antimony	ug/l	38	3	U								U	50								<	15		
Arsenic	ug/l	6	25										3								<	10		
Barium	ug/l	229	1000										54									67.9		
Beryllium	ug/l	3		U								U	2								<	3		
Cadmium	ug/l	6	10	U	5	U	5	U	5	U	5	U	5		5.61	<	5	5	<	5	<	5	<	5
Calcium	ug/l	128000			31300		28300		32100		31900		29400		33500		30000	30300		31200		31700		31400
Chromium	ug/l	51	50	U								U	10								<	5		
Cobalt	ug/l	18		U								U	10								<	20		
Copper	ug/l	28	200	U								U	17								<	10		
Hardness, Total (mg/l CaCO3)	mg/l	NA			187		171		188		187		175		195		182	186		186		190		190
Iron	ug/l	900	300		146		172		545		417		164		4560		198	295		334		240		409
Lead	ug/l	4	25		1		2		2		5		5	<	3	<	4	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		26500		24300		26200		26000		24700		27100		25900	26700		26300		27200		26400
Manganese	ug/l	88	300		21		17		63		19		7		147		20.1	15.2		12.2		28.3		32.1
Mercury	ug/l	7	2	U								U	0.2								<	0.20		
Nickel	ug/l	50		U								U	12								<	30		
Potassium	ug/l	8000			1040		1370		1470		1160		1180		1980		1280	2170		1240		1180		1240
Selenium	ug/l	4	10	U								U	2								<	5		
Silver	ug/l	39	50	U								UJ	10								<	10		
Sodium	ug/l	39000	20000		16900		18900		13700		14200		17700		16000		10500	10000		11300		11800		10300
Thallium	ug/l	12	4	U								U	1								<	10		
Vanadium	ug/l	24		U								U	10								<	30		
Zinc	ug/l	56	300	U								U	20									18.2		
Boron	mg/l	131	1000	U									600								<	500		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			197		186		186		193		197		200		220	190		240		200		160
Biochemical Oxygen Demand	mg/l	19.8		U	3	U	3	U	3	U	3	U	3	<	4	<	4	4	<	4	<	4		4
Chemical Oxygen Demand	mg/l	48.5		U	10	U	10	U	10	U	10	U	10		25	<	20	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		1	U	1	U	1	U	1		1.08		1		2	1	<	1	<	1		2
Color	Units	46	15									U	5									38		
Cyanide	mg/l	9.2	0.1	U								U	0.01								<	0.01		
Hexavalent chromium	mg/l	0.031		U								U	0.01								<	0.01		
Nitrogen, Ammonia (As N)	mg/l	1	2	U	0.1		0.1	U	0.1	U	0.1	U	0.1	<	0.5	<	0.5	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		U	1.49		1	U	5.18	U	1	U	1	<	0.5	<	0.5	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	U	0.05	U	0.05	U	0.059	U	0.05	U	0.1	<	0.2	<	0.2	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		U	1	U	1	U	1.1	U	1	J	1.2		3	<	3	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001		0.004	U	0.004	U	0.004		0.0093	U	0.004	<	0.005	<	0.005	0.005	<	0.005		0.006	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		258		235		225		219		252		210		250	230		230		310		260
Sulfate	mg/l	66	250		42		45		45		40		39.6		50		36	40		42		44		41

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		Grey Till					MW-16I				MW-16I		MW-16I		MW-16I		MW-16I	MW - 16I		MW - 16I		MW - 16I		MW - 16I
Parameter	Units	Trigger	GW Std.	Q	May-00	Q	Aug-00	Q	#####	Q	Feb-01	Q	May-01		Sep-01		Nov-01	Feb-02		May-02		Aug-02		Nov-02
1,1,1,2-Tetrachloroethane	ug/l	5	5	U								U	5								<	5		
1,1,1-Trichloroethane	ug/l	5	5	U								U	5								<	5		
1,1,2,2-Tetrachloroethane	ug/l	5	5	U								U	5								<	5		
1,1,2-Trichloroethane	ug/l	1	1	U								U	5								<	5		
1,1-Dichloroethane	ug/l	5	5	U								U	5								<	5		
1,1-Dichloroethene	ug/l	5	5	U								U	5								<	5		
1,2,3-Trichloropropane	ug/l	0.04	0.04	U								U	5								<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	U								U	5								<	10		
1,2-Dibromoethane	ug/l	5	5	U								U	5								<	5		
1,2-Dichlorobenzene	ug/l	3	3	U								U	2								<	5		
1,2-Dichloroethane	ug/l	0.6	0.6	U								U	5								<	5		
1,2-Dichloropropane	ug/l	1	1	U								U	5								<	5		
1,3-Dichlorobenzene	ug/l	3																						
1,4-Dichlorobenzene	ug/l	3	3	U								U	2								<	5		
2-Butanone	ug/l	NA																						
2-Hexanone	ug/l	NA		U								U	10								<	10		
4-Methyl-2-pentanone	ug/l	NA																						
Acetone	ug/l	NA		U								D	25								<	10		
Acrylonitrile	ug/l	5	5	U								U	20								<	100		
Benzene	ug/l	1	1	U								U	0.7								<	5		
Bromochloromethane	ug/l	5	5	U								U	5								<	5		
Bromodichloromethane	ug/l	5	5	U								U	5								<	5		
Bromoform	ug/l	NA		U								U	5								<	5		
Bromomethane	ug/l	5	5	U								U	5								<	5		
Carbon disulfide	ug/l	NA		U								U	5								<	5		
Carbon tetrachloride	ug/l	5	5	U								U	5								<	5		
Chlorobenzene	ug/l	5	5	U								U	5								<	5		
Chloroethane	ug/l	5	5	U								U	5								<	5		
Chloroform	ug/l	7	7	U								U	5								<	5		
Chloromethane	ug/l	5	5	U								U	5								<	5		
Dibromochloromethane	ug/l	NA		U								U	5								<	5		
Dibromomethane	ug/l	5	5	U								U	5								<	5		
Ethylbenzene	ug/l	5	5	U								U	5								<	5		
Iodomethane	ug/l	5	5	U								U	5								<	5		
Methylene chloride	ug/l	5	5	U								U	5								<	5		
Styrene	ug/l	5	5	U								U	5								<	5		
Tetrachloroethene	ug/l	5	5	U								U	5								<	5		
Toluene	ug/l	5	5	U								U	5								<	5		
Trichloroethene	ug/l	5	5	U								U	5								<	5		
Trichlorofluoromethane	ug/l	5	5	U								U	5								<	5		
Vinyl acetate	ug/l	NA		U								U	5								<	50		
Vinyl chloride	ug/l	2	2	U								U	2								<	5		
cis-1,2-Dichloroethene	ug/l	5	5	U								U	5								<	5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4	U								U	5								<	5		
m,p-Xylene	ug/l	5	5	U								U	5								<	5		
o-Xylene	ug/l	5	5	U								U	5								<	5		
trans-1,2-Dichloroethene	ug/l	5	5	U								U	5								<	5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4	U								U	5								<	5		
trans-1,4-Dichloro-2-butene	ug/l	5	5	U								U	5								<	10		

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		Grey Till			MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW - 16I		MW-16I		MW-16I		MW-16I		MW-16I
Parameter	Units	Trigger	GW Std.		Feb-03		May-03		Aug-03		Nov-03		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05
Conductivity	umhos/cm	1153			409		458		432		455		444		291		346		305		266		317		482		486
Eh	mV	426			40		45		60		70		30		70		60		105		70		55		65		25
Field pH	SU	5.0 - 10.4	8.5		8.13		8.62		8.62		7.81		7.78		7.81		7.97		8		8		8.3		8.4		8
Temperature	degC	NA			3		9		13		8		5		8		13		9		5		8		16		5.5
Turbidity	NTU	15	5		15		4		15		7		4		5		3		6		7		2		2		4.23
Water Level	ft	NA			10.69		8.35		10.52		8.98		10.5		9.3		12.2		11.65		9.25		9.19		13.56		8.61
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502								<	100		163										127			<	100
Antimony	ug/l	38	3							<	15	<	15									<	15			<	15
Arsenic	ug/l	6	25							<	10	<	10									<	10			<	10
Barium	ug/l	229	1000								67.9		66.4										74.6				63.8
Beryllium	ug/l	3								<	3	<	3									<	3			<	3
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			32800		32300		31100		33900		31600		34900		37100		34300		36500		34300		33400		30900
Chromium	ug/l	51	50							<	5	<	5										6.82			<	5
Cobalt	ug/l	18								<	20	<	20									<	20			<	20
Copper	ug/l	28	200							<	10	<	10										18.2			<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			200		190		465		200		190		210		228		206		218		204		198		491
Iron	ug/l	900	300		175		176		173		266		213		167		195		290		336		236		178		219
Lead	ug/l	4	25	<	3		3.06	<	3		3.85	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		27700		27300		26300		28300		26600		29600		32800		29200		30900		28800		27900		26100
Manganese	ug/l	88	300	<	10	<	10		34.7			<	10		12.5		31		29.4		13.6		10.7		27.1		23.9
Mercury	ug/l	7	2							<	0.2	<	0.2									<	0.2			<	0.2
Nickel	ug/l	50								<	30	<	30									<	30			<	30
Potassium	ug/l	8000			1390		1170		1070		1300		1130		1310		1440		1720		1790		1060		1180		1470
Selenium	ug/l	4	10							<	5	<	5									<	5			<	5
Silver	ug/l	39	50							<	10	<	10									<	10			<	10
Sodium	ug/l	39000	20000		12400		11900		9840		11100		9720		11100		10900		10000		11100		10900		10800		10200
Thallium	ug/l	12	4							<	10		24.7									<	10			<	10
Vanadium	ug/l	24								<	30	<	30									<	30			<	30
Zinc	ug/l	56	300								55.2		36.4										30.6				17.3
Boron	mg/l	131	1000							<	500	<	500									<	500				787
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			190		200		200		190		210		210		200		290		220		240		240		200
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20		12	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		3	<	1		2		1		2		1.72		1.28		2		4.34		2.81		3.23		1.23
Color	Units	46	15								8		12										20			<	5
Cyanide	mg/l	9.2	0.1							<	0.01	<	0.01									<	10			<	10
Hexavalent chromium	mg/l	0.031								<	0.01	<	0.01									<	0.01			<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		290		230		260		270		240		310		238		122		237		260		248		265
Sulfate	mg/l	66	250		42		39		36		36		53		28.7		81.9		66.2		52.4		39.2		47.2		45.7

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		Grey Till		MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW - 16I	MW-16I	MW-16I	MW-16I	MW-16I
Parameter	Units	Trigger	GW Std.	Feb-03	May-03	Aug-03	Nov-03	Feb-04	May-04	Aug-04	Nov-04	Feb-05	May-05	Aug-05	Dec-05
1,1,1,2-Tetrachloroethane	ug/l	5	5				< 5	< 5					< 5		< 5
1,1,1-Trichloroethane	ug/l	5	5				< 5	< 5					< 5		< 5
1,1,2,2-Tetrachloroethane	ug/l	5	5				< 5	< 5					< 5		< 5
1,1,2-Trichloroethane	ug/l	1	1				< 5	< 5					< 5		< 5
1,1-Dichloroethane	ug/l	5	5				< 5	< 5					< 5		< 5
1,1-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		< 5
1,2,3-Trichloropropane	ug/l	0.04	0.04				< 5	< 5					< 5		< 5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4				< 10	< 10					< 10		< 10
1,2-Dibromoethane	ug/l	5	5				< 5	< 5					< 5		< 5
1,2-Dichlorobenzene	ug/l	3	3				< 5	< 5					< 5		< 5
1,2-Dichloroethane	ug/l	0.6	0.6				< 5	< 5					< 5		< 5
1,2-Dichloropropane	ug/l	1	1				< 5	< 5					< 5		< 5
1,3-Dichlorobenzene	ug/l	3											< 5		< 5
1,4-Dichlorobenzene	ug/l	3	3				< 5	< 5					< 5		< 5
2-Butanone	ug/l	NA					< 10	< 10					< 10		< 10
2-Hexanone	ug/l	NA					< 10	< 10					< 10		< 10
4-Methyl-2-pentanone	ug/l	NA					< 10	< 10					< 10		< 10
Acetone	ug/l	NA					< 10	< 10					< 10		< 10
Acrylonitrile	ug/l	5	5				< 100	< 100					< 100		< 100
Benzene	ug/l	1	1				< 5	< 5					< 5		< 5
Bromochloromethane	ug/l	5	5				< 5	< 5					< 5		< 5
Bromodichloromethane	ug/l	5	5				< 5	< 5					< 5		< 5
Bromoform	ug/l	NA					< 5	< 5					< 5		< 5
Bromomethane	ug/l	5	5				< 5	< 5					< 5		< 5
Carbon disulfide	ug/l	NA					< 5	< 5					< 5		< 5
Carbon tetrachloride	ug/l	5	5				< 5	< 5					< 5		< 5
Chlorobenzene	ug/l	5	5				< 5	< 5					< 5		< 5
Chloroethane	ug/l	5	5				< 5	< 5					< 5		< 5
Chloroform	ug/l	7	7				< 5	< 5					< 5		< 5
Chloromethane	ug/l	5	5				< 5	< 5					< 5		< 5
Dibromochloromethane	ug/l	NA					< 5	< 5					< 5		< 5
Dibromomethane	ug/l	5	5				< 5	< 5					< 5		< 5
Ethylbenzene	ug/l	5	5				< 5	< 5					< 5		< 5
Iodomethane	ug/l	5	5				< 5	< 5					< 5		< 5
Methylene chloride	ug/l	5	5				1	< 5					< 5		< 5
Styrene	ug/l	5	5				< 5	< 5					< 5		< 5
Tetrachloroethene	ug/l	5	5				< 5	< 5					< 5		< 5
Toluene	ug/l	5	5				< 5	< 5					< 5		< 5
Trichloroethene	ug/l	5	5				< 5	< 5					< 5		< 5
Trichlorofluoromethane	ug/l	5	5				< 5	< 5					< 5		< 5
Vinyl acetate	ug/l	NA					< 50	< 50					< 50		< 50
Vinyl chloride	ug/l	2	2				< 5	< 5					< 5		< 5
cis-1,2-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		< 5
cis-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5					< 5		< 5
m,p-Xylene	ug/l	5	5				< 5	< 5					< 5		< 5
o-Xylene	ug/l	5	5				< 5	< 5					< 5		< 5
trans-1,2-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		< 5
trans-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5					< 5		< 5
trans-1,4-Dichloro-2-butene	ug/l	5	5				< 10	< 10					< 10		< 10

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		Grey Till			MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I
Parameter	Units	Trigger	GW Std.		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08
Conductivity	umhos/cm	1153			377		432		440		431		346		267		305		440		537		551		392		387
Eh	mV	426			55		-80		-80		125		80		-125		-233		-106		-81		-134		-62		-64
Field pH	SU	5.0 - 10.4	8.5		8.47		8.3		8.6		8.5		8.2		8.2		9.5		8.4		8.21		8.59		8.12		8.14
Temperature	degC	NA			1		11.6		16.1		11.4		11.6		9		15.8		11.8		5.9		10.6		17.1		10.4
Turbidity	NTU	15	5		3.26		5.15		5.01		2.1		2.29		10.4		8.35		15.9		12.3		3.1		2.23		9.24
Water Level	ft	NA			9.04		9.17		11.65		8.59		9.43		9.18		11.68		11.14		8.76		9.6		10.54		10.03
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	0.2	R<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502						<	100										362	<	100						
Antimony	ug/l	38	3					<	15									<	15	<	15						
Arsenic	ug/l	6	25					<	10									<	10	<	10						
Barium	ug/l	229	1000						63.2										77.6		78.5						
Beryllium	ug/l	3						<	3									<	3	UJ	3						
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5
Calcium	ug/l	128000			31600		30200		31500		34600		32800		30500		34500		36700		35200		36500		32500		34800
Chromium	ug/l	51	50					<	5									<	5	<	5						
Cobalt	ug/l	18						<	20									<	20	<	20						
Copper	ug/l	28	200					<	10									<	10		11.7						
Hardness, Total (mg/l CaCO3)	mg/l	NA			187		178		189		202		192		179		208		216		208		211000		199000		210000
Iron	ug/l	900	300		123		184		168		251		78.4		422		238		449	J	126		1410		93.8		179
Lead	ug/l	4	25		19.3	<	3	<	3	<	3	<	3	<	34.3	<	4.16	<	3	UJ	3		19.7	<	3	<	3
Magnesium	ug/l	58600	35000		26400		24900		26800		28200		26800		24900		29500		30100	J	29300		29100		28600		30000
Manganese	ug/l	88	300	<	10		11.2		19.2		31	<	10		11.3		14.2		24.5	UJ	10		25.7	<	10		32.6
Mercury	ug/l	7	2					<	0.2									<	0.2	<	0.2						
Nickel	ug/l	50						<	30									<	30		32.5						
Potassium	ug/l	8000		<	1000		1210		1120		1020		1300		1270		1140		1220		1310		1190		1290		1070
Selenium	ug/l	4	10						8.96				16200					<	5	UJ	5						
Silver	ug/l	39	50					<	10									<	10	<	10						
Sodium	ug/l	39000	20000		11600		9950		11800		11100				10400		11900		11500		16700		18300		21200		14600
Thallium	ug/l	12	4					<	10									<	10	UJ	10						
Vanadium	ug/l	24						<	30									<	30	<	30						
Zinc	ug/l	56	300						22.3										17.6		21.5						
Boron	mg/l	131	1000					<	500									<	500	<	500						
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			250		210		210		210		190		240		200		220		200		190		190		190
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		2.07		1.23		1.92		1.75		2.76		10.6		1.35		7.37		1.2	<	1		1.14		1.82
Color	Units	46	15						13									<	5	<	5						
Cyanide	mg/l	9.2	0.1					<	10									<	10	UJ	10						
Hexavalent chromium	mg/l	0.031						<	0.01									<	0.01	<	0.01						
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	2.28	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005		0.007	<	0.005	<	0.005		0.006		0.011	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		305		257		280		240		238		170		240		268		225		298		207		237
Sulfate	mg/l	66	250		36.6		36.3		38		35.8		49.2		33.9		53.3		43.6		54.8		55.9		48.6		48.7

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		Grey Till		MW-16I	MW-16I		MW-16I	MW-16I	MW-16I	MW-16I	MW-16I		MW-16I		MW-16I	MW-16I	MW-16I	MW-16I
Parameter	Units	Trigger	GW Std.	Feb-06	Jun-06		Aug-06	Nov-06	Feb-07	May-07	Aug-07		Nov-07		Feb-08	May-08	Aug-08	Nov-08
1,1,1,2-Tetrachloroethane	ug/l	5	5			<	5					<	5	<	5			
1,1,1-Trichloroethane	ug/l	5	5			<	5					<	5	<	5			
1,1,2,2-Tetrachloroethane	ug/l	5	5			<	5					<	5	<	5			
1,1,2-Trichloroethane	ug/l	1	1			<	5					<	5	<	5			
1,1-Dichloroethane	ug/l	5	5			<	5					<	5	<	5			
1,1-Dichloroethene	ug/l	5	5			<	5					<	5	<	5			
1,2,3-Trichloropropane	ug/l	0.04	0.04			<	5					<	5	<	5			
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4			<	10					<	10	<	10			
1,2-Dibromoethane	ug/l	5	5			<	5					<	5	<	5			
1,2-Dichlorobenzene	ug/l	3	3			<	5					<	5	<	5			
1,2-Dichloroethane	ug/l	0.6	0.6			<	5					<	5	<	5			
1,2-Dichloropropane	ug/l	1	1			<	5					<	5	<	5			
1,3-Dichlorobenzene	ug/l	3				<	5					<	5	<	5			
1,4-Dichlorobenzene	ug/l	3	3			<	5					<	5	<	5			
2-Butanone	ug/l	NA				<	10					<	10	<	10			
2-Hexanone	ug/l	NA				<	10					<	10	<	10			
4-Methyl-2-pentanone	ug/l	NA				<	10					<	10	<	10			
Acetone	ug/l	NA				<	10					<	10	<	10			
Acrylonitrile	ug/l	5	5			<	100					<	100	<	100			
Benzene	ug/l	1	1			<	5					<	5	<	5			
Bromochloromethane	ug/l	5	5			<	5					<	5	<	5			
Bromodichloromethane	ug/l	5	5			<	5					<	5	<	5			
Bromoform	ug/l	NA				<	5					<	5	<	5			
Bromomethane	ug/l	5	5			<	5					<	5	<	5			
Carbon disulfide	ug/l	NA				<	5					<	5	<	5			
Carbon tetrachloride	ug/l	5	5			<	5					<	5	<	5			
Chlorobenzene	ug/l	5	5			<	5					<	5	<	5			
Chloroethane	ug/l	5	5			<	5					<	5	<	5			
Chloroform	ug/l	7	7			<	5					<	5	<	5			
Chloromethane	ug/l	5	5			<	5					<	5	<	5			
Dibromochloromethane	ug/l	NA				<	5					<	5	<	5			
Dibromomethane	ug/l	5	5			<	5					<	5	<	5			
Ethylbenzene	ug/l	5	5			<	5					<	5	<	5			
Iodomethane	ug/l	5	5			<	5					<	5	<	5			
Methylene chloride	ug/l	5	5			<	5					<	5	<	5			
Styrene	ug/l	5	5			<	5					<	5	<	5			
Tetrachloroethene	ug/l	5	5			<	5					<	5	<	5			
Toluene	ug/l	5	5			<	5					<	5	<	5			
Trichloroethene	ug/l	5	5			<	5					<	5	<	5			
Trichlorofluoromethane	ug/l	5	5			<	5					<	5	<	5			
Vinyl acetate	ug/l	NA				<	5					<	50	<	50			
Vinyl chloride	ug/l	2	2			<	5					<	5	<	5			
cis-1,2-Dichloroethene	ug/l	5	5			<	5					<	5	<	5			
cis-1,3-Dichloropropene	ug/l	0.4	0.4			<	5					<	5	<	5			
m,p-Xylene	ug/l	5	5			<	10					<	5	<	5			
o-Xylene	ug/l	5	5			<	5					<	5	<	5			
trans-1,2-Dichloroethene	ug/l	5	5			<	5					<	5	<	5			
trans-1,3-Dichloropropene	ug/l	0.4	0.4			<	50					<	5	<	5			
trans-1,4-Dichloro-2-butene	ug/l	5	5			<	5					<	10	<	10			

ENVIRONMENTAL MONITORING
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		Grey Till			MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I		MW-16I
Parameter	Units	Trigger	GW Std.		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1153			390		238		1648		1470		1901		246		168		374		386		402		389		414
Eh	mV	426			-50		166		145		159		126		239		189		-36		-70		19		-24		45
Field pH	SU	5.0 - 10.4	8.5		7.9		7.53		7.96		7.63		8.01		7.78		7.13		8.33		8.32		8.02		8		8.06
Temperature	degC	NA			6.3		12.8		16		9.9		7.1		12.2		18.7		10.3		4.8		17.8		23		14.8
Turbidity	NTU	15	5		1.93		7.66		10.5		22.9		4.66		2.91		9.04		2.54		3.01		5.63		12.7		3.82
Water Level	ft	NA			8.97		8.38		10.02		10.14		9.21		9.24		11.26		8.23		8.92		8.03		12.35		9.79
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	2	<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	0.8	<	0.8	<	0.8
Aluminum	ug/l	502					175									<	100					<	100				
Antimony	ug/l	38	3			<	30									<	5 uj					<	5				
Arsenic	ug/l	6	25			<	10									<	5					<	5				
Barium	ug/l	229	1000				66.9										62.9						63.4				
Beryllium	ug/l	3				<	3									<	3					<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			32400		32500		39800		40300		33200		35300		31600		27400		34100		30300		30500		41100
Chromium	ug/l	51	50			<	5									<	10					<	10				
Cobalt	ug/l	18				<	20									<	20					<	20				
Copper	ug/l	28	200			<	10									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			201000		201000		230000		242000		201000		214000		190000		172000		206000		185000		185000		247000
Iron	ug/l	900	300		69.1		190		254		164	<	60	<	60	<	60	<	60	<	60	UJ	60	<	60		155
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		29100		29000		31800		34300		28700		30500		26900		25100		29200	UJ	26600		26500		35100
Manganese	ug/l	88	300	<	10	<	10		18.7		24.7	<	10	<	10	<	10	<	10	<	10	<	10	<	10		29.5
Mercury	ug/l	7	2			<	0.2									<	0.2					<	0.2				
Nickel	ug/l	50				<	30									<	30					<	30				
Potassium	ug/l	8000		<	1000		1030		1220	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	ug/l	4	10			<	5									<	3					<	3				
Silver	ug/l	39	50			<	10									<	Reject					<	10				
Sodium	ug/l	39000	20000		17000		13800		12000		11500		15800		19500		20400		20900		23000		21700		21300		13700
Thallium	ug/l	12	4				10.6									<	3					UJ	3				
Vanadium	ug/l	24				<	30									<	30					<	30				
Zinc	ug/l	56	300			<	10									<	10					<	10				
Boron	mg/l	131	1000			<	500									<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			190		200		200		200		200		190		160		170		190		180		200		240
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		1.66		1.65		1.93		2.22		1.16		1.55		1.66		1.77		2.02		1.75		2.03		2.12
Color	Units	46	15				6										6						6				
Cyanide	mg/l	9.2	0.1			<	10									<	10					<	10				
Hexavalent chromium	mg/l	0.031				<	0.01									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2	<	0.2	<	0.2		0.0663		0.0786		0.11		0.159		0.082	J	0.121		0.051		0.067
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3	<	3	<	3.7	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		187		270		320		220		220		280		310		190		250		260		300		210
Sulfate	mg/l	66	250		51.9		48.9		44.7		49.7		52.6		55.4		53.9		49.5		44.8	J	46		48.1		48

ENVIRONMENTAL MONITORING
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		Grey Till		MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I
Parameter	Units	Trigger	GW Std.	Feb-09	May-09	Aug-09	Nov-09	Feb-10	May-10	Aug-10	Nov-10	Jan-11	Jun-11	Jul-11	Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5		< 5					< 5			< 5		
1,1,1-Trichloroethane	ug/l	5	5		< 5					< 5			< 5		
1,1,2,2-Tetrachloroethane	ug/l	5	5		< 5					< 5			< 5		
1,1,2-Trichloroethane	ug/l	1	1		< 5					< 5			< 5		
1,1-Dichloroethane	ug/l	5	5		< 5					< 5			< 5		
1,1-Dichloroethene	ug/l	5	5		< 5					< 5			< 5		
1,2,3-Trichloropropane	ug/l	0.04	0.04		< 5					< 5			< 5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4		< 10					< 10			< 10		
1,2-Dibromoethane	ug/l	5	5		< 5					< 5			< 5		
1,2-Dichlorobenzene	ug/l	3	3		< 5					< 5			< 5		
1,2-Dichloroethane	ug/l	0.6	0.6		< 5					< 5			< 5		
1,2-Dichloropropane	ug/l	1	1		< 5					< 5			< 5		
1,3-Dichlorobenzene	ug/l	3			< 5					< 5			< 5		
1,4-Dichlorobenzene	ug/l	3	3		< 5					< 5			< 5		
2-Butanone	ug/l	NA			< 10					< 10			< 10		
2-Hexanone	ug/l	NA			< 10					< 10			< 10		
4-Methyl-2-pentanone	ug/l	NA			< 10					< 10			< 10		
Acetone	ug/l	NA			< 10					< 10			< 10		
Acrylonitrile	ug/l	5	5		< 100					< 100			< 100		
Benzene	ug/l	1	1		< 5					< 5			< 5		
Bromochloromethane	ug/l	5	5		< 5					< 5			< 5		
Bromodichloromethane	ug/l	5	5		< 5					< 5			< 5		
Bromoform	ug/l	NA			< 5					< 5			< 5		
Bromomethane	ug/l	5	5		< 5					< 5			< 5		
Carbon disulfide	ug/l	NA			< 5					< 5			< 5		
Carbon tetrachloride	ug/l	5	5		< 5					< 5			< 5		
Chlorobenzene	ug/l	5	5		< 5					< 5			< 5		
Chloroethane	ug/l	5	5		< 5					< 5			< 5		
Chloroform	ug/l	7	7		< 5					< 5			< 5		
Chloromethane	ug/l	5	5		< 5					< 5			< 5		
Dibromochloromethane	ug/l	NA			< 5					< 5			< 5		
Dibromomethane	ug/l	5	5		< 5					< 5			< 5		
Ethylbenzene	ug/l	5	5		< 5					< 5			< 5		
Iodomethane	ug/l	5	5		< 5					< 5			< 5		
Methylene chloride	ug/l	5	5		< 5					< 5			< 5		
Styrene	ug/l	5	5		< 5					< 5			< 5		
Tetrachloroethene	ug/l	5	5		< 5					< 5			< 5		
Toluene	ug/l	5	5		< 5					< 5			< 5		
Trichloroethene	ug/l	5	5		< 5					< 5			< 5		
Trichlorofluoromethane	ug/l	5	5		< 5					< 5			< 5		
Vinyl acetate	ug/l	NA			< 50					< Reject			< 50		
Vinyl chloride	ug/l	2	2		< 5					< 5			< 5		
cis-1,2-Dichloroethene	ug/l	5	5		< 5					< 5			< 5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4		< 5					< 5			< 5		
m,p-Xylene	ug/l	5	5		< 5					< 10			< 5		
o-Xylene	ug/l	5	5		< 5					< 5			< 5		
trans-1,2-Dichloroethene	ug/l	5	5		< 5					< 5			< 5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4		< 5					< 50			< 5		
trans-1,4-Dichloro-2-butene	ug/l	5	5		< 10					< 5			< 10		

ENVIRONMENTAL MONITORING
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			Bedrock		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D
Parameter	Units	GW Std.	Trigger		Jun-91		May-92		Sep-93		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96
Conductivity	umhos/cm		1225						354		29		434		574		671		692		605		521		572		804
Eh	mV		582						179		-121		-82		262		307		187		315		252		178		246
Field pH	SU	8.5	6.1 to 9.1						7.85		7.22		5.77		7.4		7.3		7.4		7.3		7.5		7.3		7.2
Temperature	degC																										
Turbidity	NTU	5	41		60				1.5		2		5.9		12		9		7.8		8		8		8		9
Water Level	ft																										
Bromide	mg/l		1.5																								
Aluminum	ug/l	1000	116		480					<	57								185	<	80.9						
Antimony	ug/l	3	39	<	60													<	29	<	29						
Arsenic	ug/l	25	8	<	10					<	5							<	5.5	<	5.5						
Barium	ug/l		133	<	200						69.2								139		129						
Beryllium	ug/l		2	<	5					<	2							<	0.9	<	0.9						
Cadmium	ug/l	10	5	<	5			<	5	<	2	<	2		3.4		3.5	<	2.1	<	2.1	<	3.1	<	2.4	<	2.4
Calcium	ug/l		110000		49000				60900		60000		81700		76100		77800		90600		74900		69300		83100		90000
Chromium	ug/l	50	51		11					<	5							<	5.3	<	5.3						
Cobalt	ug/l		18															<	11.4	<	11.4						
Copper	ug/l	200	19	<	25					<	5								106	<	7						
Hardness, Total (mg/l CaCO3)	mg/l		mg/l		225				276		259		183		349		358		404		NA		NA				546
Iron	ug/l	300	1200		813		187		29		40		28.3		216		1750		223		113	<	20.7		129		208
Lead	ug/l	25	4	<	3	<	3	<	3	<	3	<	3	<	2.5		2	<	2.3	<	0.6	<	2.3	<	2.3	<	2.4
Magnesium	ug/l	35000	52000		25000		27600		30300		28700		41100		38700		39900		43300		36800		33700		41900		44600
Manganese	ug/l	300	348	<	15			<	25		12.2	<	1		24.7		16.6		18		11.3		7.5		9		15.6
Mercury	ug/l	2	0	<	0.2					<	0.2							<	0.2	<	0.2						
Nickel	ug/l		24	<	40					<	26							<	14.4	<	14.4						
Potassium	ug/l		10000	<	5000	<	5000		3700		5970		7740		6240		4110		4270	<	640	<	2020		7500		4070
Selenium	ug/l	10	4		8													<	2.8	<	2.8						
Silver	ug/l	50	7	<	10													<	5.7	<	5.7						
Sodium	ug/l	20000	26000	<	5000	<	5000		4700		4620		7580		6090		7690		9150		6810		5260		7090		10000
Thallium	ug/l	4	5	<	10													<	4	<	4						
Vanadium	ug/l		148		0													<	8.3	<	8.3						
Zinc	ug/l	300	49	<	20					<	5								109		24.6						
Boron	mg/l	1000	276	<	100					<	100								67								
Alkalinity, Total (As CaCO3)	mg/lCaCO3		380		216		224		286		242		315		270		280		290		260		255		345		295
Biochemical Oxygen Demand	mg/l		7.9	<	3						5		5	<	2	<	2	<	2	<	2		5	<	2		3
Chemical Oxygen Demand	mg/l		42.6	<	5		5.4	<	5		32		3	<	5		8.7	<	5	<	5	<	5	<	5	<	5
Chloride	mg/l	250	19	<	5		6.9		11.3		4		15		12		17		25.5		19		11		18		24
Color	Units	15	78		20													<	5		5						
Cyanide	mg/l	0.1	0.009															<	0.01	<	0.01						
Hexavalent chromium	mg/l		0.027	<	0.025						0.02							<	0.02	<	0.02						
Nitrogen, Ammonia (As N)	mg/l	2	0.9	<	1	<	1	<	1		0.15	<	0.05	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1
Nitrogen, Kjeldahl, Total	mg/l		2.2	<	1			<	1		0.8		1.8		1.12	<	1	<	1	<	1		1.12		2.24	<	1
Nitrogen, Nitrate (As N)	mg/l	10	0.4		0.3		0.32		1.73		0.33		1.32		1.16		0.97		0.848		2.6		1.1		1.34		1.1
Organic Carbon, Total	mg/l		30.2	<	1	<	1		10		10.4		5	<	1	<	1		1.7		1.6		1.6		2.4		2.98
Phenolics, Total Recoverable	mg/l	0.001	0.062		0.003	<	0.002		0.01011	<	0.00001	<	0.00001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
Residue, Dissolved (TDS)	mg/l	500	568		272		272		384		268		408		363		415		363		328		310		338		380
Sulfate	mg/l	250	119		26		24.7		38.1		21		66		35		39.5		57		43		38		42		52

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			Bedrock	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D
Parameter	Units	GW Std.	Trigger	Jun-91	May-92	Sep-93	Nov-94	Jan-95	May-95	Aug-95	Nov-95	Feb-96	May-96	Aug-96	Nov-96
1,1,1,2-Tetrachloroethane	ug/l	5													
1,1,1-Trichloroethane	ug/l	5													
1,1,2,2-Tetrachloroethane	ug/l	5													
1,1,2-Trichloroethane	ug/l	1													
1,1-Dichloroethane	ug/l	5													
1,1-Dichloroethene	ug/l	5													
1,2,3-Trichloropropane	ug/l	0.04													
1,2-Dibromo-3-chloropropane	ug/l	0.4													
1,2-Dibromoethane	ug/l	5													
1,2-Dichlorobenzene	ug/l	3													
1,2-Dichloroethane	ug/l	0.6													
1,2-Dichloropropane	ug/l	1													
1,3-Dichlorobenzene	ug/l														
1,4-Dichlorobenzene	ug/l	3													
2-Butanone	ug/l														
2-Hexanone	ug/l														
4-Methyl-2-pentanone	ug/l														
Acetone	ug/l														
Acrylonitrile	ug/l	5					6								
Benzene	ug/l	1													
Bromochloromethane	ug/l	5													
Bromodichloromethane	ug/l	5													
Bromoform	ug/l														
Bromomethane	ug/l	5													
Carbon disulfide	ug/l														
Carbon tetrachloride	ug/l	5													
Chlorobenzene	ug/l	5													
Chloroethane	ug/l	5													
Chloroform	ug/l	7													
Chloromethane	ug/l	5													
Dibromochloromethane	ug/l														
Dibromomethane	ug/l	5													
Ethylbenzene	ug/l	5													
Iodomethane	ug/l	5													
Methylene chloride	ug/l	5													
Styrene	ug/l	5													
Tetrachloroethene	ug/l	5													
Toluene	ug/l	5													
Trichloroethene	ug/l	5													
Trichlorofluoromethane	ug/l	5													
Vinyl acetate	ug/l														
Vinyl chloride	ug/l	2													
cis-1,2-Dichloroethene	ug/l	5													
cis-1,3-Dichloropropene	ug/l	0.4													
m,p-Xylene	ug/l	5													
o-Xylene	ug/l	5													
trans-1,2-Dichloroethene	ug/l	5													
trans-1,3-Dichloropropene	ug/l	0.4													
trans-1,4-Dichloro-2-butene	ug/l	5													

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HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

			Bedrock		MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW-17D	MW-17D	MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-97	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99
Conductivity	umhos/cm		1225		742	579	816	779	748	754	810	799	767	860	861		800
Eh	mV		582		286	225.9	224.6	176.1	254	205.6	213.7	229	229	235.1	246		272
Field pH	SU	8.5	6.1 to 9.1		7.3	7.48	7.56	7.57	7.75	7.39	7.65	7.55	7.32	7.92	7.62		7.53
Temperature	degC									8.9	12.5	11	9.1		11.6		11
Turbidity	NTU	5	41		10	16.5	19.15	18.4	40.4	20	28	48	29	38.5	38		29.8
Water Level	ft									15.15	20.32	19.35	18.59	19.95	21.2		19.33
Bromide	mg/l		1.5														
Aluminum	ug/l	1000	116			107					383						75
Antimony	ug/l	3	39			u					U						50
Arsenic	ug/l	25	8			u					U						2
Barium	ug/l		133			110					168						153
Beryllium	ug/l		2			u					U						2
Cadmium	ug/l	10	5	<	2.3	u	7	u	U	U	U	U	5	U	5	U	5
Calcium	ug/l		110000		80300	68600	88100	82200	77800	75800	79100	79700	76400	90200	92400		77600
Chromium	ug/l	50	51			u					U						10
Cobalt	ug/l		18			u					11						10
Copper	ug/l	200	19			u					U						17
Hardness, Total (mg/l CaCO3)	mg/l		mg/l			310	393	369	345	337	355	360	345	399	412		348
Iron	ug/l	300	1200		136	195	753	1270	256	67	576	776	95	110	346		106
Lead	ug/l	25	4		1.1	3	5	2	U	1	5	2	2	1	2		1
Magnesium	ug/l	35000	52000		38600	33800	42000	39700	36700	35900	38300	39100	35900	42300	44400		37400
Manganese	ug/l	300	348		8.8	17	212	123	40	28	141	72	22	33	43		62
Mercury	ug/l	2	0			u					U						0.2
Nickel	ug/l		24			u					U						15
Potassium	ug/l		10000		7130	8800	2460	2560	2200	2100	2400	2760	1930	2150	2420		2310
Selenium	ug/l	10	4			u					U						2
Silver	ug/l	50	7			u					U						10
Sodium	ug/l	20000	26000		7380	6660	13100	12800	12700	14300	13500	13500	10600	15300	15200		12700
Thallium	ug/l	4	5			u					U						1
Vanadium	ug/l		148			u					U						10
Zinc	ug/l	300	49			u					U						20
Boron	mg/l	1000	276			u					U						48
Alkalinity, Total (As CaCO3)	mg/lCaCO3		380		285	271	289	235	271	263	295	301	292	309	314		298
Biochemical Oxygen Demand	mg/l		7.9	<	2	u	u	u	U	U	U	U	U	U	3	U	3
Chemical Oxygen Demand	mg/l		42.6	<	5	u	u	u	U	U	U	U	U	U	5	U	10
Chloride	mg/l	250	19		15	18.7	56.4	49.9	50	53.6	54.5	52.2	43.2	52.6	55		46
Color	Units	15	78			15					U						15
Cyanide	mg/l	0.1	0.009			u	u				0.013						0.01
Hexavalent chromium	mg/l		0.027			u					U						0.01
Nitrogen, Ammonia (As N)	mg/l	2	0.9	<	0.1	u	0.022	u	U	U	U	U	U	U	0.2		0.1
Nitrogen, Kjeldahl, Total	mg/l		2.2	<	1	u	u	u	1.16	U	U	U	U	U	1.68		1
Nitrogen, Nitrate (As N)	mg/l	10	0.4		1.46	0.927	0.191	0.32	0.08	0.155	0.133	0.129	0.069	U	0.084		0.128
Organic Carbon, Total	mg/l		30.2		1.6	1.8	1.4	1.1	U	1.1	2.7	1.8	U	1.5	1	U	2.4
Phenolics, Total Recoverable	mg/l	0.001	0.062	<	0.002	u	u	u	U	U	U	U	U	U	0.001	U	0.005
Residue, Dissolved (TDS)	mg/l	500	568		362	326	421	392	412	403	561	456	452	499	452		440
Sulfate	mg/l	250	119		40	33	49	49	54	60	57	55	99	76	86		88

ENVIRONMENTAL MONITORING
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FRANKLIN COUNTY LANDFILL

			Bedrock		MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW - 17D	MW-17D	MW-17D	MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-97	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99
1,1,1,2-Tetrachloroethane	ug/l	5															
1,1,1-Trichloroethane	ug/l	5															
1,1,2,2-Tetrachloroethane	ug/l	5															
1,1,2-Trichloroethane	ug/l	1															
1,1-Dichloroethane	ug/l	5															
1,1-Dichloroethene	ug/l	5															
1,2,3-Trichloropropane	ug/l	0.04															
1,2-Dibromo-3-chloropropane	ug/l	0.4															
1,2-Dibromoethane	ug/l	5															
1,2-Dichlorobenzene	ug/l	3															
1,2-Dichloroethane	ug/l	0.6															
1,2-Dichloropropane	ug/l	1															
1,3-Dichlorobenzene	ug/l																
1,4-Dichlorobenzene	ug/l	3															
2-Butanone	ug/l																
2-Hexanone	ug/l																
4-Methyl-2-pentanone	ug/l																
Acetone	ug/l																
Acrylonitrile	ug/l	5															
Benzene	ug/l	1															
Bromochloromethane	ug/l	5															
Bromodichloromethane	ug/l	5															
Bromoform	ug/l																
Bromomethane	ug/l	5															
Carbon disulfide	ug/l																
Carbon tetrachloride	ug/l	5															
Chlorobenzene	ug/l	5															
Chloroethane	ug/l	5															
Chloroform	ug/l	7															
Chloromethane	ug/l	5															
Dibromochloromethane	ug/l																
Dibromomethane	ug/l	5															
Ethylbenzene	ug/l	5															
Iodomethane	ug/l	5															
Methylene chloride	ug/l	5															
Styrene	ug/l	5															
Tetrachloroethene	ug/l	5															
Toluene	ug/l	5															
Trichloroethene	ug/l	5															
Trichlorofluoromethane	ug/l	5															
Vinyl acetate	ug/l																
Vinyl chloride	ug/l	2															
cis-1,2-Dichloroethene	ug/l	5															
cis-1,3-Dichloropropene	ug/l	0.4															
m,p-Xylene	ug/l	5															
o-Xylene	ug/l	5															
trans-1,2-Dichloroethene	ug/l	5															
trans-1,3-Dichloropropene	ug/l	0.4															
trans-1,4-Dichloro-2-butene	ug/l	5															

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HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

			Bedrock						MW-17D				MW-17D		MW-17D		MW-17D		MW-17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D
Parameter	Units	GW Std.	Trigger	Q	Feb-00	Q	May-00	Q	Aug-00	Q	#####	Q	Feb-01	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02
Conductivity	umhos/cm		1225		840		770		897		853		818		807		849		643		253		260		857		563
Eh	mV		582		293.3		303.1		240.7		150.4		171.2		175.5		62		59	-	90		58		67		85
Field pH	SU	8.5	6.1 to 9.1		7.5		7.64		7.52		7.56		7.46		7.49		7.67		8.07		7.85		7.46		7.41		7.42
Temperature	degC				9.4		9.5		11.5		9.5		7.8		10.2		19		13.4		9.2		10		17		11
Turbidity	NTU	5	41		30.5		10.5		12.5		11.5		19.5		15		11		4		2		2		23		10
Water Level	ft				20.1		17.15		19.95		19.11		18.1		18.08		20.1		19.4		17.45		15.55		24.42		22.37
Bromide	mg/l		1.5																								
Aluminum	ug/l	1000	116	U	75	U								U	75										433		
Antimony	ug/l	3	39	U	50	U								U	50									<	15		
Arsenic	ug/l	25	8	U	2	U								U	2									<	10		
Barium	ug/l		133		169										155										193		
Beryllium	ug/l		2	U	2	U								U	2									<	3		
Cadmium	ug/l	10	5	U	5	U	5	U	5	U	5	U	5	U	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l		110000		96100		85600		99700		89000		89800		84700		84700		75200		95500		56700		103000		75300
Chromium	ug/l	50	51	U	10	U								U	10									<	5		
Cobalt	ug/l		18	U	10									U	10									<	20		
Copper	ug/l	200	19	U	17	U								U	17										22.9		
Hardness, Total (mg/l CaCO3)	mg/l		mg/l		424		380		442		395		393		375		389		342		434		260		460		350
Iron	ug/l	300	1200		239		299		352		217		227		155		374		497		119	<	60		1100		744
Lead	ug/l	25	4		1	U	1	U	2		3		3		2	<	3	<	3		6.05	<	3		3.06	<	3
Magnesium	ug/l	35000	52000		44800		40400		46800		42000		41000		39700		43000		37500		47500		28700		50400		38200
Manganese	ug/l	300	348		59		45		99		75		65		39		43.4		122		72.1	<	10		166		70.4
Mercury	ug/l	2	0	U	0.2	U								U	0.2									<	0.20		
Nickel	ug/l		24		12	U								U	12									<	30		
Potassium	ug/l		10000		2330		1870		2230		2320		2260		2560		3730		1990		3750		7120		2400		6520
Selenium	ug/l	10	4	U	2	U								U	2									<	5		
Silver	ug/l	50	7	U	10	U								UJ	10									<	10		
Sodium	ug/l	20000	26000		13300		13900		16500		15600		14900		14300		16500		12500		15000		4670		16500		10600
Thallium	ug/l	4	5	U	1	U								U	1									<	10		
Vanadium	ug/l		148	U	10	U								U	10									<	30		
Zinc	ug/l	300	49	U	20	U								U	20										36.6		
Boron	mg/l	1000	276	U	48	U									60									<	0.5		
Alkalinity, Total (As CaCO3)	mg/lCaCO3		380		317		300		306		302		310		287		300		320		310		410		320		190
Biochemical Oxygen Demand	mg/l		7.9	U	3	U	3	U	3	U	3		3	U	3	<	4	<	4	<	4	<	4		5	<	4
Chemical Oxygen Demand	mg/l		42.6	U	10	U	10.5		10	U	10	U	10	U	10	<	20	<	20	<	20	<	20		42	<	20
Chloride	mg/l	250	19		47.8		43		54		48.2		39.7		38.8		49		58		64		15		82		44
Color	Units	15	78		20									U	5										18		
Cyanide	mg/l	0.1	0.009	U	0.01	U								U	0.01									<	0.01		
Hexavalent chromium	mg/l		0.027	U	0.01	U								U	0.01									<	0.01		
Nitrogen, Ammonia (As N)	mg/l	2	0.9	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l		2.2	U	1	U	2.06		1	U	1.44		2.76	U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	10	0.4		0.067		0.746		0.098		0.194		0.153		1.01		0.5		0.5		0.8		2.7	<	0.2		0.7
Organic Carbon, Total	mg/l		30.2		1.2		1		1.9		1.7		1.5	J	1.4		2	<	3	<	3	<	3		8		3
Phenolics, Total Recoverable	mg/l	0.001	0.062	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	500	568		462		474		494		471		460		476		460		500		530		440		590		440
Sulfate	mg/l	250	119		57		60		100		89		73		74.1		76		75		82		46		110		86

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			Bedrock						MW-17D				MW-17D		MW-17D		MW-17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D
Parameter	Units	GW Std.	Trigger	Q	Feb-00	Q	May-00	Q	Aug-00	Q	#####	Q	Feb-01	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02
1,1,1,2-Tetrachloroethane	ug/l	5			5	U								U	5									<	5		
1,1,1-Trichloroethane	ug/l	5			5	U								U	5									<	5		
1,1,2,2-Tetrachloroethane	ug/l	5			5	U								U	5									<	5		
1,1,2-Trichloroethane	ug/l	1			5	U								U	5									<	5		
1,1-Dichloroethane	ug/l	5			5	U								U	5									<	5		
1,1-Dichloroethene	ug/l	5			5	U								U	5									<	5		
1,2,3-Trichloropropane	ug/l	0.04			5	U								U	5									<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4			5	U								U	5									<	10		
1,2-Dibromoethane	ug/l	5			5	U								U	5									<	5		
1,2-Dichlorobenzene	ug/l	3			2	U								U	2									<	5		
1,2-Dichloroethane	ug/l	0.6			5	U								U	5									<	5		
1,2-Dichloropropane	ug/l	1			5	U								U	5									<	5		
1,3-Dichlorobenzene	ug/l																										
1,4-Dichlorobenzene	ug/l	3			2	U								U	2									<	5		
2-Butanone	ug/l																										
2-Hexanone	ug/l				10	U								U	10									<	10		
4-Methyl-2-pentanone	ug/l																										
Acetone	ug/l				25	U								U	25										300		
Acrylonitrile	ug/l	5			20	U								U	20									<	100		
Benzene	ug/l	1			0.7	U								U	0.7									<	5		
Bromochloromethane	ug/l	5			5	U								U	5									<	5		
Bromodichloromethane	ug/l	5			5	U								U	5									<	5		
Bromoform	ug/l				5	U								U	5									<	5		
Bromomethane	ug/l	5			5	U								U	5									<	5		
Carbon disulfide	ug/l				5	U								U	5									<	5		
Carbon tetrachloride	ug/l	5			5	U								U	5									<	5		
Chlorobenzene	ug/l	5			5	U								U	5									<	5		
Chloroethane	ug/l	5			5	U								U	5									<	5		
Chloroform	ug/l	7			5	U								U	5									<	5		
Chloromethane	ug/l	5			5	U								U	5									<	5		
Dibromochloromethane	ug/l				5	U								U	5									<	5		
Dibromomethane	ug/l	5			5	U								U	5									<	5		
Ethylbenzene	ug/l	5			5	U								U	5									<	5		
Iodomethane	ug/l	5			5	U								U	5									<	5		
Methylene chloride	ug/l	5			5	U								U	5									<	5		
Styrene	ug/l	5			5	U								U	5									<	5		
Tetrachloroethene	ug/l	5			5	U								U	5									<	5		
Toluene	ug/l	5			5	U								U	5									<	5		
Trichloroethene	ug/l	5			5	U								U	5									<	5		
Trichlorofluoromethane	ug/l	5			5	U								U	5									<	5		
Vinyl acetate	ug/l				5	U								U	5									<	50		
Vinyl chloride	ug/l	2			2	U								U	2									<	5		
cis-1,2-Dichloroethene	ug/l	5			5	U								U	5									<	5		
cis-1,3-Dichloropropene	ug/l	0.4			5	U								U	5									<	5		
m,p-Xylene	ug/l	5			5	U								U	5									<	5		
o-Xylene	ug/l	5			5	U								U	5									<	5		
trans-1,2-Dichloroethene	ug/l	5			5	U								U	5									<	5		
trans-1,3-Dichloropropene	ug/l	0.4			5	U								U	5									<	5		
trans-1,4-Dichloro-2-butene	ug/l	5			5	U								U	5									<	10		

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			Bedrock		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW-17D		MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-03		May-03		Aug-03		Nov-03		Feb-04		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05
Conductivity	umhos/cm		1225		850		420		719		770		1055				814		932		923		746		979		1247		771
Eh	mV		582		80		75		15		20		35								15		35		25		65		-20
Field pH	SU	8.5	6.1 to 9.1		7.95		7.79		8.24		7.81		7.26				7.07		7.1		7.6		7.15		7.34		7.45		7.49
Temperature	degC				6		9		14		9		8				13		14		9		7		11		15		7.8
Turbidity	NTU	5	41		3		10		7		2		23				4		20		5		6		4		4		1.99
Water Level	ft				21.45		21.06		21		21.13		22.1				20.7		22.1		21.42		20.88		21.25		23.42		20.36
Bromide	mg/l		1.5	<	0.2		0.3	<	0.2	<	0.2		0.3		0.5	<	0.2		0.8	<	0.2	<	0.2	<	2		0.7	<	0.2
Aluminum	ug/l	1000	116								193		344		752									<	100			<	100
Antimony	ug/l	3	39							<	15		16.3		24.3									<	15			<	15
Arsenic	ug/l	25	8							<	10	<	10	<	10									<	10			<	10
Barium	ug/l		133								196		210		218										213				127
Beryllium	ug/l		2							<	3	<	3	<	3									<	3			<	3
Cadmium	ug/l	10	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l		110000		79600		91600		75300		80800		105000		106000		114000		129000		138000		141000		146000		122000		69400
Chromium	ug/l	50	51							<	5	<	5	<	5										5.04			<	5
Cobalt	ug/l		18							<	20	<	20	<	20									<	20			<	20
Copper	ug/l	200	19								10.6		11.7		14.3										20.8				11.3
Hardness, Total (mg/l CaCO3)	mg/l		mg/l		465	321	420		340		370		480		480		520		590		626		491		659		548		318
Iron	ug/l	300	1200		183		187		224		557		424		1060		1280		1030		1280		1840		1360		969		271
Lead	ug/l	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	7.52	<	3	<	3	<	3
Magnesium	ug/l	35000	52000		40500		45700		37800		40000		52200		53100		56600		64800		68200		68400		71700		59200		35200
Manganese	ug/l	300	348		17.9		19.7		52.4				170		209		493		1110		874		684		633		476		21.4
Mercury	ug/l	2	0							<	0.2	<	0.2	<	0.2									<	0.2			<	0.2
Nickel	ug/l		24							<	30	<	30	<	30									<	30			<	30
Potassium	ug/l		10000		27300		8170		6660		7340		5040		5370		4700		4540		4390		5040		2690		3670		6730
Selenium	ug/l	10	4							<	5	<	5	<	5									<	5			<	5
Silver	ug/l	50	7							<	10	<	10	<	10									<	10			<	10
Sodium	ug/l	20000	26000		19100		12400		8060		10200		13500		13700		16000		17700		19200		19800		23600		18700		5780
Thallium	ug/l	4	5							<	10		22.5		25.7									<	10			<	10
Vanadium	ug/l		148							<	30	<	30	<	30									<	30			<	30
Zinc	ug/l	300	49								66.2		29.1		44.4										40.5				13.2
Boron	mg/l	1000	276							<	0.5	<	0.5	<	0.5									<	500			<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3		380		360		320		320		320		370		360		400		420		520		560		560		520		340
Biochemical Oxygen Demand	mg/l		7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4		5		5	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l		42.6	<	20	<	20		26		22	<	20	<	20		15	<	20	<	20		25	<	20	<	20	<	20
Chloride	mg/l	250	19		52		46		29		42		68		67		70.5		77.1		71.5		61.3		83.7		70		13.3
Color	Units	15	78								14		18		18										30			<	5
Cyanide	mg/l	0.1	0.009							<	0.01	<	0.01	<	0.01									<	10			<	10
Hexavalent chromium	mg/l		0.027							<	0.01	<	0.01	<	0.01									<	0.01			<	0.01
Nitrogen, Ammonia (As N)	mg/l	2	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l		2.2	<	0.5	<	0.5		4.4	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	10	0.4		1	<	0.2	<	0.2		0.3	<	0.2	<	0.2		0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		1.6
Organic Carbon, Total	mg/l		30.2	<	3	<	3	<	3	<	3	<	3	<	3		4	<	3	<	3	<	3		3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.001	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	500	568		550		500		460		480		620		640		712		730		688		660		795		290		425
Sulfate	mg/l	250	119		71		65		68		94		140		99		139		137		99.1		107		118		177		39.8

ENVIRONMENTAL MONITORING
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FRANKLIN COUNTY LANDFILL

			Bedrock		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW - 17D		MW-17D		MW-17D		MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-03		May-03		Aug-03		Nov-03		Feb-04		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05
1,1,1,2-Tetrachloroethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
1,1,1-Trichloroethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
1,1,2,2-Tetrachloroethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
1,1,2-Trichloroethane	ug/l	1								<	5	<	5	<	5									<	5			<	5
1,1-Dichloroethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
1,1-Dichloroethene	ug/l	5								<	5	<	5	<	5									<	5			<	5
1,2,3-Trichloropropane	ug/l	0.04								<	5	<	5	<	5									<	5			<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4								<	10	<	10	<	10									<	10			<	10
1,2-Dibromoethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
1,2-Dichlorobenzene	ug/l	3								<	5	<	5	<	5									<	5			<	5
1,2-Dichloroethane	ug/l	0.6								<	5	<	5	<	5									<	5			<	5
1,2-Dichloropropane	ug/l	1								<	5	<	5	<	5									<	5			<	5
1,3-Dichlorobenzene	ug/l																							<	5			<	5
1,4-Dichlorobenzene	ug/l	3								<	5	<	5	<	5									<	5			<	5
2-Butanone	ug/l									<	10	<	10	<	10									<	10			<	10
2-Hexanone	ug/l									<	10	<	10	<	10									<	10			<	10
4-Methyl-2-pentanone	ug/l									<	10	<	10	<	10									<	10			<	10
Acetone	ug/l										4	<	10	<	10									<	10			<	10
Acrylonitrile	ug/l	5								<	100	<	100	<	100									<	100			<	100
Benzene	ug/l	1								<	5	<	5	<	5									<	5			<	5
Bromochloromethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Bromodichloromethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Bromoform	ug/l									<	5	<	5	<	5									<	5			<	5
Bromomethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Carbon disulfide	ug/l									<	5	<	5	<	5									<	5			<	5
Carbon tetrachloride	ug/l	5								<	5	<	5	<	5									<	5			<	5
Chlorobenzene	ug/l	5								<	5	<	5	<	5									<	5			<	5
Chloroethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Chloroform	ug/l	7								<	5	<	5	<	5									<	5			<	5
Chloromethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Dibromochloromethane	ug/l									<	5	<	5	<	5									<	5			<	5
Dibromomethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Ethylbenzene	ug/l	5								<	5	<	5	<	5									<	5			<	5
Iodomethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Methylene chloride	ug/l	5									2	<	5	<	5									<	5			<	5
Styrene	ug/l	5								<	5	<	5	<	5									<	5			<	5
Tetrachloroethene	ug/l	5								<	5	<	5	<	5									<	5			<	5
Toluene	ug/l	5								<	5	<	5	<	5									<	5			<	5
Trichloroethene	ug/l	5								<	5	<	5	<	5									<	5			<	5
Trichlorofluoromethane	ug/l	5								<	5	<	5	<	5									<	5			<	5
Vinyl acetate	ug/l									<	50	<	50	<	50									<	50			<	50
Vinyl chloride	ug/l	2								<	5	<	5	<	5									<	5			<	5
cis-1,2-Dichloroethene	ug/l	5								<	5	<	5	<	5									<	5			<	5
cis-1,3-Dichloropropene	ug/l	0.4								<	5	<	5	<	5									<	5			<	5
m,p-Xylene	ug/l	5								<	5	<	5	<	5									<	5			<	5
o-Xylene	ug/l	5								<	5	<	5	<	5									<	5			<	5
trans-1,2-Dichloroethene	ug/l	5								<	5	<	5	<	5									<	5			<	5
trans-1,3-Dichloropropene	ug/l	0.4								<	5	<	5	<	5									<	5			<	5
trans-1,4-Dichloro-2-butene	ug/l	5								<	10	<	10	<	10									<	10			<	10

ENVIRONMENTAL MONITORING
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			Bedrock		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08
Conductivity	umhos/cm		1225		642		588		630		655		321		322		375		736		710		823		489		595
Eh	mV		582		-10		-65		-50		150		22		-120		-106		-108		-82		-188		-38		-48
Field pH	SU	8.5	6.1 to 9.1		7.69		7.76		7.88		8.31		7.61		8.32		8.82		8.43		8.52		9.17		8.27		7.87
Temperature	degC				4.1		13.1		13.9		13.4		11.7		9.7		14.7		10.5		7.4		10.3		15.8		9.2
Turbidity	NTU	5	41		2.11		4.82		8.97		1.17		2.74		4.63		3.33		4.37		7.7		6.71		1.25		2.17
Water Level	ft				19.94		20.52		22.07		20.3		20.82		20.42		21.87		23.12		20.65		24.63		20.98		20.19
Bromide	mg/l		1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	2	<	0.2	<	0.2	R<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	1000	116			<	100	<	103	<	100	<	100	<	100	<	100	<	100	<	100						
Antimony	ug/l	3	39			<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	15						
Arsenic	ug/l	25	8			<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10						
Barium	ug/l		133				103		108		96.3		96		74.4		74.4		101		71.6						
Beryllium	ug/l		2			<	3	<	3	<	3	<	3	<	3	<	3	<	3	UJ<	3						
Cadmium	ug/l	10	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ<	5	<	5	<	5	<	5
Calcium	ug/l		110000		60300		57200		65600		70600		71700		56500		60900		77200		60100		52300		58100		77700
Chromium	ug/l	50	51			<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Cobalt	ug/l		18			<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20						
Copper	ug/l	200	19			<	10	<	10		15.6	<	10	<	10	<	10	<	10	<	10						
Hardness, Total (mg/l CaCO3)	mg/l		mg/l		277		266		304		325		319		256		280		355		274		246000		272000		363000
Iron	ug/l	300	1200		753		292		458		107		193		164	<	60		151	J	120		275		62.8	<	60
Lead	ug/l	25	4		17.4		12.3		3	<	3	<	3	<	3	<	3	<	3	UJ<	3	<	3	<	3	<	3
Magnesium	ug/l	35000	52000		30800		29800		34000		36100		34000		28000		31100		39400	J	30000		28100		30700		41100
Manganese	ug/l	300	348		26.7		28.2		85.9		1110		16.7		15.1	<	10		36.1	UJ<	10		15.6	<	10		10.4
Mercury	ug/l	2	0			<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2						
Nickel	ug/l		24			<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30						
Potassium	ug/l		10000		5880		7080		7510		6790		10200		7650		7490		8170		6800		4770		5440		6450
Selenium	ug/l	10	4			<	5	<	14.5		9.59	<	5		9.66		5.28	<	5	UJ	5						
Silver	ug/l	50	7			<	10	<	10	<	50	<	10	<	10	<	10	<	10	<	10						
Sodium	ug/l	20000	26000		5400		5020		5240		26000		4960		3680		4190		6700		2740		2340		2960		5940
Thallium	ug/l	4	5			<	10	<	10	<	25.7	<	10	<	10	<	10	<	10	UJ	10						
Vanadium	ug/l		148			<	30	<	30	<	148	<	30	<	30	<	30	<	30	<	30						
Zinc	ug/l	300	49				47		21.1		300		100		11.7		11.8		16		14.6						
Boron	mg/l	1000	276			<	500	<	500	<	1000	<	500	<	500	<	500	<	500	<	500						
Alkalinity, Total (As CaCO3)	mg/lCaCO3		380		240		340		320		560		280		300		300		370		270		240		250		330
Biochemical Oxygen Demand	mg/l		7.9	<	4	<	4	<	4	<	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l		42.6	<	20	<	20	<	20	<	42.6	<	20	<	20	<	20	<	20		22	<	20	<	20	<	20
Chloride	mg/l	250	19		12.4		15.8		14.3		250		12		5.05		9.55		59.5		7.69		3.43		5.26		10.7
Color	Units	15	78				22		18.73333333		78		12		8		18	<	5	UJ	5						
Cyanide	mg/l	0.1	0.009			<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10						
Hexavalent chromium	mg/l		0.027			<	0.01	<	0.01	<	0.027	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01						
Nitrogen, Ammonia (As N)	mg/l	2	0.9	<	0.5	<	0.5	<	0.5	<	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l		2.2	<	0.5	<	0.5	<	0.5	<	4.4	<	0.5		1.03	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	10	0.4		2		0.94		2.4		10		4.42		2.53		2.62		2.06		1.81		0.793		1.46		1.91
Organic Carbon, Total	mg/l		30.2	<	3	<	3	<	3		30.2	<	3		54.4	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.001	0.062	<	0.005		0.006		0.005	<	0.062	<	0.005		0.009	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	500	568		310		435		407		795		355		252		325		400		305		392		258		4420
Sulfate	mg/l	250	119		33.9		39		32.1		250		26		22.3		22.9		55.3		26.9		23.4		26		43.3

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			Bedrock		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08
1,1,1,2-Tetrachloroethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,1,1-Trichloroethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,1,2,2-Tetrachloroethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,1,2-Trichloroethane	ug/l	1				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,1-Dichloroethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,1-Dichloroethene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,2,3-Trichloropropane	ug/l	0.04				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,2-Dibromo-3-chloropropane	ug/l	0.4				<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10						
1,2-Dibromoethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,2-Dichlorobenzene	ug/l	3				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,2-Dichloroethane	ug/l	0.6				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,2-Dichloropropane	ug/l	1				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,3-Dichlorobenzene	ug/l					<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
1,4-Dichlorobenzene	ug/l	3				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
2-Butanone	ug/l					<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10						
2-Hexanone	ug/l					<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10						
4-Methyl-2-pentanone	ug/l					<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10						
Acetone	ug/l					<	10	<	10	<	300	<	10	<	10	<	10	<	10	<	10						
Acrylonitrile	ug/l	5				<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100						
Benzene	ug/l	1				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Bromochloromethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Bromodichloromethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Bromoform	ug/l					<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Bromomethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Carbon disulfide	ug/l					<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Carbon tetrachloride	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Chlorobenzene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Chloroethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Chloroform	ug/l	7				<	5	<	5	<	7	<	5	<	5	<	5	<	5	<	5						
Chloromethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Dibromochloromethane	ug/l					<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Dibromomethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Ethylbenzene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Iodomethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Methylene chloride	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Styrene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Tetrachloroethene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Toluene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Trichloroethene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Trichlorofluoromethane	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
Vinyl acetate	ug/l					<	5	<	5	<	50	<	50	<	50	<	50	<	50	<	50						
Vinyl chloride	ug/l	2				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
cis-1,2-Dichloroethene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
cis-1,3-Dichloropropene	ug/l	0.4				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
m,p-Xylene	ug/l	5				<	10	<	10	<	10	<	5	<	5	<	5	<	5	<	5						
o-Xylene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
trans-1,2-Dichloroethene	ug/l	5				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5						
trans-1,3-Dichloropropene	ug/l	0.4				<	50	<	50	<	50	<	5	<	5	<	5	<	5	<	5						
trans-1,4-Dichloro-2-butene	ug/l	5				<	5	<	5	<	10	<	10	<	10	<	10	<	10	<	10						

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

			Bedrock		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm		1225		522		305		327		510		1280		512		303		607		508		535		701		761
Eh	mV		582		-58		187		225		133		167		279		121		29		-24		67		12		150
Field pH	SU	8.5	6.1 to 9.1		8.06		7.26		6.44		8.12		7.4		7.56		7.81		8.01		7.39		7.59		8.03		7.51
Temperature	degC				6.8		17.6		15.5		9.8		8.5		13.2		18.4		12.3		5.3		22.9		22.1		8.8
Turbidity	NTU	5	41		2.55		3.06		2.38		6.74		4.81		4.61		6.91		6.31		1.79		1.2		4.51		11.34
Water Level	ft				20.52		19.83		20.74		20.92		19.23		20.34		21.43		19.32		19.29		19.05		21.4		20.45
Bromide	mg/l		1.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	0.8	<	0.8	<	8
Aluminum	ug/l	1000	116			<	100									<	100					<	100				
Antimony	ug/l	3	39			<	30									<	5 uj					<	5				
Arsenic	ug/l	25	8			<	10									<	5					<	5				
Barium	ug/l		133				59.3										61.4						53.9				
Beryllium	ug/l		2			<	3									<	3					<	3				
Cadmium	ug/l	10	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l		110000		62500		58600		74000		81300		72900		64500		69700		61800		71100		55200		64100		88000
Chromium	ug/l	50	51			<	5									<	10					<	10				
Cobalt	ug/l		18			<	20									<	20					<	20				
Copper	ug/l	200	19				12.1									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l		mg/l		296000		283000		357000		391000		348000		302000		325		304000		331000		258000		297000		420000
Iron	ug/l	300	1200		80.7		145		77.1		117	<	60	<	60	<	60	<	60	<	60	J	260	<	60		177
Lead	ug/l	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	35000	52000		34100		33200		41800		45700		40200		34200		36600		36400		37300		29300		33300		48700
Manganese	ug/l	300	348		28.3	<	10		10.6		26.9	<	10	<	10	<	10	<	10	<	10	UJ	10	<	10		48.6
Mercury	ug/l	2	0			<	0.2									<	0.2					<	0.2				
Nickel	ug/l		24			<	30									<	30					<	30				
Potassium	ug/l		10000		4590		4610		4930	<	5000	<	5000	<	5000		39400	<	5000	<	5000	<	5000	<	5000		5500
Selenium	ug/l	10	4			<	5									<	3					<	3				
Silver	ug/l	50	7			<	10									<	Reject					<	10				
Sodium	ug/l	20000	26000		3140		4130		6940		7260		6170	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000		11100
Thallium	ug/l	4	5			<	10									<	3					UJ	3				
Vanadium	ug/l		148			<	30									<	30					<	30				
Zinc	ug/l	300	49			<	10									<	10					<	10				
Boron	mg/l	1000	276			<	500									<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3		380		290		260		300		310		310		250		250		270		270		250		300		340
Biochemical Oxygen Demand	mg/l		7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l		42.6	<	20	<	20	<	20	<	20	<	20	<	20	<	20		23	<	20	<	20	<	20	<	20
Chloride	mg/l	250	19		5.4		7.36		13		15.6		14.7		6.15		9.06		15.9		7.49		3.75		7.51		22.6
Color	Units	15	78			<	5										12						6				
Cyanide	mg/l	0.1	0.009			<	10									<	10					<	10				
Hexavalent chromium	mg/l		0.027			<	0.01									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	2	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l		2.2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	10	0.4		1.07		0.516		0.506		0.379		1.27		0.558		0.73		0.083		0.765		0.297		0.308		1.34
Organic Carbon, Total	mg/l		30.2	<	3	<	3	<	3	<	3		3.5	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.001	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	500	568		320		310		360		360		360		330		400		250		340		290		340		420
Sulfate	mg/l	250	119		29.9		37.2		41.1		64.1		49.2		34		42.1		50.1		35.7	J	16.1		33.9		78.2

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

			Bedrock		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D		MW-17D
Parameter	Units	GW Std.	Trigger		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5				<	5									<	5					<	5				
1,1,1-Trichloroethane	ug/l	5				<	5									<	5					<	5				
1,1,2,2-Tetrachloroethane	ug/l	5				<	5									<	5					<	5				
1,1,2-Trichloroethane	ug/l	1				<	5									<	5					<	5				
1,1-Dichloroethane	ug/l	5				<	5									<	5					<	5				
1,1-Dichloroethene	ug/l	5				<	5									<	5					<	5				
1,2,3-Trichloropropane	ug/l	0.04				<	5									<	5					<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4				<	10									<	10					<	10				
1,2-Dibromoethane	ug/l	5				<	5									<	5					<	5				
1,2-Dichlorobenzene	ug/l	3				<	5									<	5					<	5				
1,2-Dichloroethane	ug/l	0.6				<	5									<	5					<	5				
1,2-Dichloropropane	ug/l	1				<	5									<	5					<	5				
1,3-Dichlorobenzene	ug/l					<	5									<	5					<	5				
1,4-Dichlorobenzene	ug/l	3				<	5									<	5					<	5				
2-Butanone	ug/l					<	10									<	10					<	10				
2-Hexanone	ug/l					<	10									<	10					<	10				
4-Methyl-2-pentanone	ug/l					<	10									<	10					<	10				
Acetone	ug/l					<	10									<	10					<	10				
Acrylonitrile	ug/l	5				<	100									<	100					<	100				
Benzene	ug/l	1				<	5									<	5					<	5				
Bromochloromethane	ug/l	5				<	5									<	5					<	5				
Bromodichloromethane	ug/l	5				<	5									<	5					<	5				
Bromoform	ug/l					<	5									<	5					<	5				
Bromomethane	ug/l	5				<	5									<	5					<	5				
Carbon disulfide	ug/l					<	5									<	5					<	5				
Carbon tetrachloride	ug/l	5				<	5									<	5					<	5				
Chlorobenzene	ug/l	5				<	5									<	5					<	5				
Chloroethane	ug/l	5				<	5									<	5					<	5				
Chloroform	ug/l	7				<	5									<	5					<	5				
Chloromethane	ug/l	5				<	5									<	5					<	5				
Dibromochloromethane	ug/l					<	5									<	5					<	5				
Dibromomethane	ug/l	5				<	5									<	5					<	5				
Ethylbenzene	ug/l	5				<	5									<	5					<	5				
Iodomethane	ug/l	5				<	5									<	5					<	5				
Methylene chloride	ug/l	5				<	5									<	5					<	5				
Styrene	ug/l	5				<	5									<	5					<	5				
Tetrachloroethene	ug/l	5				<	5									<	5					<	5				
Toluene	ug/l	5				<	5									<	5					<	5				
Trichloroethene	ug/l	5				<	5									<	5					<	5				
Trichlorofluoromethane	ug/l	5				<	5									<	5					<	5				
Vinyl acetate	ug/l					<	50									<	Reject					UJ	50				
Vinyl chloride	ug/l	2				<	5									<	5					<	5				
cis-1,2-Dichloroethene	ug/l	5				<	5									<	5					<	5				
cis-1,3-Dichloropropene	ug/l	0.4				<	5									<	5					<	5				
m,p-Xylene	ug/l	5				<	5									<	10					<	5				
o-Xylene	ug/l	5				<	5									<	5					<	5				
trans-1,2-Dichloroethene	ug/l	5				<	5									<	5					<	5				
trans-1,3-Dichloropropene	ug/l	0.4				<	5									<	50					<	5				
trans-1,4-Dichloro-2-butene	ug/l	5				<	10									<	5					<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I	MW - 17I
Parameter	Units	Trigger	GW Std.		May-93		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97	Aug-97
Conductivity	umhos/cm	1153			429		35		345		587		649		626		563		583		675		798		807	705
Eh	mV	426			82		17		-101		187		312		182		322		247		177		256		283	241.6
Field pH	SU	5.0 - 10.4	8.5		7.85		7.21		6.28		7.7		7.6		7.5		7.6		7.5		7.4		7.4		7.4	7.59
Temperature	degC	NA																								
Turbidity	NTU	15	5		41	>	200				11		21		24		8		16		26		20		16	18.81
Water Level	ft	NA																								
Bromide	mg/l	1.5																								
Aluminum	ug/l	502			1840		8650								363		112									
Antimony	ug/l	38	3	<	5		0							<	29	<	29									
Arsenic	ug/l	6	25	<	5	<	5							<	5.5	<	5.5									
Barium	ug/l	229	1000		80		230								183		179									
Beryllium	ug/l	3		<	3	<	2							<	0.9	<	0.9									
Cadmium	ug/l	6	10	<	5	<	2	<	2	<	2.9	<	2.1		4	<	2.1	<	3.1	<	2.4		3.5	<	2.3	u
Calcium	ug/l	128000			73600		83200		141000		74200		81000		89500		79000		78700		93500		95500		79800	78600
Chromium	ug/l	51	50	<	10		14.7							<	5.3	<	5.3									
Cobalt	ug/l	18													12.2	<	11.4									
Copper	ug/l	28	200	<	25		53.6								149		35.3									
Hardness, Total (mg/l CaCO3)	mg/l	NA			328		224		290		336		183		400		NA		NA				428			355
Iron	ug/l	900	300		1620		13.4		15		314		2050		302		419		168		1030		633		274	565
Lead	ug/l	4	25	<	3		7.6		10.1	<	2.5	<	1.3	<	2.3	<	0.6	<	2.3	<	2.3	<	2.4	<	1	3
Magnesium	ug/l	58600	35000		35100		39200		57700		36600		39700		42800		38200		38400		46600		46100		37900	38600
Manganese	ug/l	88	300		63		514		787		52.1		82.8		60.5		66.5		86.2		102		93.2		57.4	26
Mercury	ug/l	7	2	<	0.2	<	0.2							<	0.2	<	0.2									
Nickel	ug/l	50		<	25		34.8							<	14.4	<	14.4									
Potassium	ug/l	8000		<	5000		4420		4600	<	683	<	456		4300	<	640	<	2020		3710	<	1840		2460	6300
Selenium	ug/l	4	10	<	5									<	2.8	<	2.8									
Silver	ug/l	39	50	<	10									<	5.9		7.1									
Sodium	ug/l	39000	20000		7900		8350		6510		7410		8730		8460		7160		8290		12600		14000		10400	7210
Thallium	ug/l	12	4	<	5									<	4	<	4									
Vanadium	ug/l	24												<	8.3	<	8.3									
Zinc	ug/l	56	300	<	25		72.1								155		802									
Boron	mg/l	131	1000	<	100	<	100								77		26									
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			631		245		320		245		260		260		252		245		295		290		270	285
Biochemical Oxygen Demand	mg/l	19.8		<	3	<	3	<	3	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	u
Chemical Oxygen Demand	mg/l	48.5		<	5		30		18		25.2		14.1	<	5	<	5	<	5	<	5	<	5	<	5	u
Chloride	mg/l	3.9	250		1.37		6		8		25		27.2		24.4		22		38		43		41		33	23.3
Color	Units	46	15											<	5		5									
Cyanide	mg/l	9.2	0.1	<	0.002									<	0.01	<	0.01									
Hexavalent chromium	mg/l	0.031		<	0.015		0.02							<	0.02	<	0.02									
Nitrogen, Ammonia (As N)	mg/l	1	2	<	1		0.09		0.07	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	u
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	1		1.4		0.4		1.12		1.4	<	1	<	1	<	1		2.24	<	1	<	1	u
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.59		0.57		0.14		0.136		0.608		0.387		0.64		0.234	<	0.02		0.75		0.6	0.944
Organic Carbon, Total	mg/l	26.1			5		9.3		4.3		1		1.1		1.3		2.5		1.2		1.6		1.87		1.1	2.3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.002	<	0.00001	<	0.00001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	u
Residue, Dissolved (TDS)	mg/l	582	500		464		251		330		335		395		320		310		348		400		410		372	358
Sulfate	mg/l	66	250	<	2		23		28		30		39.8		42		39		43		43		51		45	40

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I	MW - 17I
Parameter	Units	Trigger	GW Std.		May-93		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97	Aug-97
1,1,1,2-Tetrachloroethane	ug/l	5	5																						
1,1,1-Trichloroethane	ug/l	5	5																						
1,1,2,2-Tetrachloroethane	ug/l	5	5																						
1,1,2-Trichloroethane	ug/l	1	1																						
1,1-Dichloroethane	ug/l	5	5																						
1,1-Dichloroethene	ug/l	5	5																						
1,2,3-Trichloropropane	ug/l	0.04	0.04																						
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4																						
1,2-Dibromoethane	ug/l	5	5																						
1,2-Dichlorobenzene	ug/l	3	3																						
1,2-Dichloroethane	ug/l	0.6	0.6																						
1,2-Dichloropropane	ug/l	1	1																						
1,3-Dichlorobenzene	ug/l	3																							
1,4-Dichlorobenzene	ug/l	3	3																						
2-Butanone	ug/l	NA																							
2-Hexanone	ug/l	NA																							
4-Methyl-2-pentanone	ug/l	NA																							
Acetone	ug/l	NA																							
Acrylonitrile	ug/l	5	5																						
Benzene	ug/l	1	1																						
Bromochloromethane	ug/l	5	5																						
Bromodichloromethane	ug/l	5	5																						
Bromoform	ug/l	NA																							
Bromomethane	ug/l	5	5																						
Carbon disulfide	ug/l	NA																							
Carbon tetrachloride	ug/l	5	5																						
Chlorobenzene	ug/l	5	5																						
Chloroethane	ug/l	5	5																						
Chloroform	ug/l	7	7																						
Chloromethane	ug/l	5	5																						
Dibromochloromethane	ug/l	NA																							
Dibromomethane	ug/l	5	5																						
Ethylbenzene	ug/l	5	5																						
Iodomethane	ug/l	5	5																						
Methylene chloride	ug/l	5	5																						
Styrene	ug/l	5	5																						
Tetrachloroethene	ug/l	5	5																						
Toluene	ug/l	5	5																						
Trichloroethene	ug/l	5	5																						
Trichlorofluoromethane	ug/l	5	5																						
Vinyl acetate	ug/l	NA																							
Vinyl chloride	ug/l	2	2																						
cis-1,2-Dichloroethene	ug/l	5	5																						
cis-1,3-Dichloropropene	ug/l	0.4	0.4																						
m,p-Xylene	ug/l	5	5																						
o-Xylene	ug/l	5	5																						
trans-1,2-Dichloroethene	ug/l	5	5																						
trans-1,3-Dichloropropene	ug/l	0.4	0.4																						
trans-1,4-Dichloro-2-butene	ug/l	5	5																						

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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		Grey Till		MW - 17I	MW - 17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I
Parameter	Units	Trigger	GW Std.	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00
Conductivity	umhos/cm	1153		716	697	660	644	713	685	654	710		745		729		524		544		723
Eh	mV	426		182.1	256.7	194.6	293.2	210.9	245	246.5	252.2		271.7		294.8		360		245.1		159.8
Field pH	SU	5.0 - 10.4	8.5	7.5	7.98	7.2	7.6	7.41	7.57	8.06	7.61		7.44		7.43		7.58		7.58		7.5
Temperature	degC	NA				9.1	11	10.9	8.1		11.4		11.5		9.4		9.3		11.4		10.1
Turbidity	NTU	15	5	29.2	18.8	26.5	25	17	19	21.8	25		29		7.3		12		17		11.5
Water Level	ft	NA				14	19.15	18.45	17.55	18.9	20		18.2		19		15.78		18.65		17.95
Bromide	mg/l	1.5																			
Aluminum	ug/l	502					U						819		374						
Antimony	ug/l	38	3				U						50	U	50	U					
Arsenic	ug/l	6	25				U						2	U	2	U					
Barium	ug/l	229	1000				139						163		168						
Beryllium	ug/l	3					U						2	U	2	U					
Cadmium	ug/l	6	10	u	U	U	U	U	U	U	5	U	5	U	5	U	5	U	5	U	5
Calcium	ug/l	128000		71700	74300	71400	63500	65800	62600	71600	73900		71700		83200		56700		57800		70400
Chromium	ug/l	51	50				U						10	U	10	U					
Cobalt	ug/l	18					U						10	U	10	U					
Copper	ug/l	28	200				U						17	U	17	U					
Hardness, Total (mg/l CaCO3)	mg/l	NA		546	338	324	296	304	325	331	338		330		376		259		261		322
Iron	ug/l	900	300	417	226	155	101	155	123	320	423		775		493		132		88		98
Lead	ug/l	4	25	3	U	3	12	1	2	2	5		2		1	U	1	U	2		2
Magnesium	ug/l	58600	35000	35500	37.1	35500	33400	33900	31800	36900	37400		36700		40900		28500		28300		35500
Manganese	ug/l	88	300	46	26	22	33	20	U	10	36		51		27		7		6		17
Mercury	ug/l	7	2				U						0.2	U	0.2	U					
Nickel	ug/l	50					U						16		12	U					
Potassium	ug/l	8000		4900	5060	4800	5160	4930	4270	5340	4530		5630		7670		5340		7930		5850
Selenium	ug/l	4	10				U						2	U	2	U					
Silver	ug/l	39	50				U						10	U	10	U					
Sodium	ug/l	39000	20000	7980	7890	7080	6650	7540	6060	7520	8540		8870		7920		3940		3340		8420
Thallium	ug/l	12	4				U						1	U	1	U					
Vanadium	ug/l	24					U						10	U	10	U					
Zinc	ug/l	56	300				U						20	U	20	U					
Boron	mg/l	131	1000				U						48	U	48	U					
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		291	296	283	294	310	311	291	307		248		323		260		242		277
Biochemical Oxygen Demand	mg/l	19.8		u	U	U	U	U	U	U	3	U	3	U	3	U	3	U	3		3
Chemical Oxygen Demand	mg/l	48.5		u	U	U	11.3	U	U	U	5	U	10	U	10	U	10	U	10	U	10
Chloride	mg/l	3.9	250	28.1	28.3	23.9	17.1	25	19	17.3	24.6		27.8		23.4		8.23		7.01		22
Color	Units	46	15				10						15		50						
Cyanide	mg/l	9.2	0.1				U						0.01	U	0.01	U					
Hexavalent chromium	mg/l	0.031					U						0.01	U	0.01	U					
Nitrogen, Ammonia (As N)	mg/l	1	2	0.012	U	U	U	U	U	0.156	0.158		0.1	U	0.1	U	0.1	U	0.1	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		u	1.75	U	U	U	1.22	U	1.08		1	U	1	U	2.43		1	U	1
Nitrogen, Nitrate (As N)	mg/l	0.2	10	0.722	0.229	0.198	0.155	0.106	0.228	0.125	0.269		0.599		0.994		1.33		1.26		0.603
Organic Carbon, Total	mg/l	26.1		1.4	1.7	1.3	U	2.5	1.3	1.6	1.6		2.1		1.6		1.3		3.1		2
Phenolics, Total Recoverable	mg/l	0.0088	0.001	u	U	U	U	U	U	U	0.001	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004
Residue, Dissolved (TDS)	mg/l	582	500	371	378	369	392	423	374	403	389		390		408		320		273		354
Sulfate	mg/l	66	250	47	46	48	41	48	45	41	52		58		52		41		27		61

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		Grey Till		MW - 17I	MW - 17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I
Parameter	Units	Trigger	GW Std.	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00
1,1,1,2-Tetrachloroethane	ug/l	5	5												5	U					
1,1,1-Trichloroethane	ug/l	5	5												5	U					
1,1,2,2-Tetrachloroethane	ug/l	5	5												5	U					
1,1,2-Trichloroethane	ug/l	1	1												5	U					
1,1-Dichloroethane	ug/l	5	5												5	U					
1,1-Dichloroethene	ug/l	5	5												5	U					
1,2,3-Trichloropropane	ug/l	0.04	0.04												5	U					
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4												5	U					
1,2-Dibromoethane	ug/l	5	5												5	U					
1,2-Dichlorobenzene	ug/l	3	3												2	U					
1,2-Dichloroethane	ug/l	0.6	0.6												5	U					
1,2-Dichloropropane	ug/l	1	1												5	U					
1,3-Dichlorobenzene	ug/l	3																			
1,4-Dichlorobenzene	ug/l	3	3												2	U					
2-Butanone	ug/l	NA																			
2-Hexanone	ug/l	NA													10	U					
4-Methyl-2-pentanone	ug/l	NA																			
Acetone	ug/l	NA													25	U					
Acrylonitrile	ug/l	5	5												20	U					
Benzene	ug/l	1	1												0.7	U					
Bromochloromethane	ug/l	5	5												5	U					
Bromodichloromethane	ug/l	5	5												5	U					
Bromoform	ug/l	NA													5	U					
Bromomethane	ug/l	5	5												5	U					
Carbon disulfide	ug/l	NA													5	U					
Carbon tetrachloride	ug/l	5	5												5	U					
Chlorobenzene	ug/l	5	5												5	U					
Chloroethane	ug/l	5	5												5	U					
Chloroform	ug/l	7	7												5	U					
Chloromethane	ug/l	5	5												5	U					
Dibromochloromethane	ug/l	NA													5	U					
Dibromomethane	ug/l	5	5												5	U					
Ethylbenzene	ug/l	5	5												5	U					
Iodomethane	ug/l	5	5												5	U					
Methylene chloride	ug/l	5	5												5	U					
Styrene	ug/l	5	5												5	U					
Tetrachloroethene	ug/l	5	5												5	U					
Toluene	ug/l	5	5												5	U					
Trichloroethene	ug/l	5	5												5	U					
Trichlorofluoromethane	ug/l	5	5												5	U					
Vinyl acetate	ug/l	NA													5	U					
Vinyl chloride	ug/l	2	2												2	U					
cis-1,2-Dichloroethene	ug/l	5	5												5	U					
cis-1,3-Dichloropropene	ug/l	0.4	0.4												5	U					
m,p-Xylene	ug/l	5	5												5	U					
o-Xylene	ug/l	5	5												5	U					
trans-1,2-Dichloroethene	ug/l	5	5												5	U					
trans-1,3-Dichloropropene	ug/l	0.4	0.4												5	U					
trans-1,4-Dichloro-2-butene	ug/l	5	5												5	U					

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		Grey Till			MW-17I		MW-17I		MW-17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I
Parameter	Units	Trigger	GW Std.	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
Conductivity	umhos/cm	1153			630		768		530		447		640		600		693		1021		1071		569		1070
Eh	mV	426			173.9		57		68	-	89		59		62		55		105		90		25		15
Field pH	SU	5.0 - 10.4	8.5		7.63		7.55		8.25		7.83		7.45		7.83		7.42		7.64		7.81		8.46		7.81
Temperature	degC	NA			9.8		15		13.5		9.4		10		18		11		6		10		14		10
Turbidity	NTU	15	5				6		4		3		7		17		2		8		10		10		5
Water Level	ft	NA			16.81		19.1		18.37		16.48		16.57		23.34		23.51		22.1		19.52		21.35		21.45
Bromide	mg/l	1.5																<	0.2		1		0.5	<	0.2
Aluminum	ug/l	502					285										210							<	100
Antimony	ug/l	38	3			U	50									<	15								22.3
Arsenic	ug/l	6	25			U	2									<	10							<	10
Barium	ug/l	229	1000				146										87.1								245
Beryllium	ug/l	3				U	2									<	3							<	3
Cadmium	ug/l	6	10	U	5	U	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			76400		67900		69500		62700		66500		77400		61200		90300		118000		120000		119000
Chromium	ug/l	51	50			U	10		1							<	5							<	5
Cobalt	ug/l	18				U	10									<	20							<	20
Copper	ug/l	28	200			U	17									<	10								11.4
Hardness, Total (mg/l CaCO3)	mg/l	NA			347		309		319		293		311		347		270		410		540		540		530
Iron	ug/l	900	300		775		406		3470		128	<	60		175		384		435		793		465		389
Lead	ug/l	4	25		36		4		10.6	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		37900		33900		35400		33000		35200		37300		28400		45400		58900		59000		57700
Manganese	ug/l	88	300		44		21		169		49.2	<	10		54.9		29.6		144		189		192		
Mercury	ug/l	7	2			U	0.2									<	0.20							<	0.2
Nickel	ug/l	50				U	12									<	30							<	30
Potassium	ug/l	8000			6490		5430		5870		4510		7670		2500		25800		2250		2620		4410		3080
Selenium	ug/l	4	10			U	2									<	5							<	5
Silver	ug/l	39	50			UJ	10									<	10							<	10
Sodium	ug/l	39000	20000		8370		6340		7920		7800		7270		11500		11800		14700		18700		18100		17800
Thallium	ug/l	12	4			U	1									<	10							<	10
Vanadium	ug/l	24				U	10									<	30							<	30
Zinc	ug/l	56	300			U	20									<	10								30.8
Boron	mg/l	131	1000				50									<	0.5							<	0.5
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			278		280		330		310		460		280		200		360		360		380		370
Biochemical Oxygen Demand	mg/l	19.8		U	3	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4		6	<	4
Chemical Oxygen Demand	mg/l	48.5		U	10		43	<	20	<	20	<	20		26	<	20	<	20	<	20		22		27
Chloride	mg/l	3.9	250		12.8		24		26		24		67		20		82		85		100		98		100
Color	Units	46	15		10										36										11
Cyanide	mg/l	9.2	0.1	U	0.01									<	0.01									<	0.01
Hexavalent chromium	mg/l	0.031		U	0.01									<	0.01									<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	U	0.1		1.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		U	1		2.7	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		1.12		0.8		1.3		2.3		0.6		1.9	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		J	1.4		5	<	3	<	3	<	3	<	3		4	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		378		400		450		390		440		440		270		680		640		740		690
Sulfate	mg/l	66	250		40.9		51		46		53		89		50		97		98		120		130		160

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		Grey Till			MW-17I		MW-17I		MW-17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW - 17I
Parameter	Units	Trigger	GW Std.	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
1,1,1,2-Tetrachloroethane	ug/l	5	5	U	5									<	5									<	5
1,1,1-Trichloroethane	ug/l	5	5	U	5									<	5									<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	U	5									<	5									<	5
1,1,2-Trichloroethane	ug/l	1	1	U	5									<	5									<	5
1,1-Dichloroethane	ug/l	5	5	U	5									<	5									<	5
1,1-Dichloroethene	ug/l	5	5	U	5									<	5									<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	U	5									<	5									<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	U	5									<	10									<	10
1,2-Dibromoethane	ug/l	5	5	U	5									<	5									<	5
1,2-Dichlorobenzene	ug/l	3	3	U	2									<	5									<	5
1,2-Dichloroethane	ug/l	0.6	0.6	U	5									<	5									<	5
1,2-Dichloropropane	ug/l	1	1	U	5									<	5									<	5
1,3-Dichlorobenzene	ug/l	3																							
1,4-Dichlorobenzene	ug/l	3	3	U	2									<	5									<	5
2-Butanone	ug/l	NA																						<	10
2-Hexanone	ug/l	NA		U	10									<	10									<	10
4-Methyl-2-pentanone	ug/l	NA																						<	10
Acetone	ug/l	NA		U	25									<	10										8
Acrylonitrile	ug/l	5	5	U	20									<	100									<	100
Benzene	ug/l	1	1	U	0.7									<	5									<	5
Bromochloromethane	ug/l	5	5	U	5									<	5									<	5
Bromodichloromethane	ug/l	5	5	U	5									<	5									<	5
Bromoform	ug/l	NA		U	5									<	5									<	5
Bromomethane	ug/l	5	5	U	5									<	5									<	5
Carbon disulfide	ug/l	NA		U	5									<	5									<	5
Carbon tetrachloride	ug/l	5	5	U	5									<	5									<	5
Chlorobenzene	ug/l	5	5	U	5									<	5									<	5
Chloroethane	ug/l	5	5	U	5									<	5									<	5
Chloroform	ug/l	7	7	U	5									<	5									<	5
Chloromethane	ug/l	5	5	U	5									<	5									<	5
Dibromochloromethane	ug/l	NA		U	5									<	5									<	5
Dibromomethane	ug/l	5	5	U	5									<	5									<	5
Ethylbenzene	ug/l	5	5	U	5									<	5									<	5
Iodomethane	ug/l	5	5	U	5									<	5									<	5
Methylene chloride	ug/l	5	5	U	5									<	5										1
Styrene	ug/l	5	5	U	5									<	5									<	5
Tetrachloroethene	ug/l	5	5	U	5									<	5									<	5
Toluene	ug/l	5	5	U	5									<	5									<	5
Trichloroethene	ug/l	5	5	U	5									<	5									<	5
Trichlorofluoromethane	ug/l	5	5	U	5									<	5									<	5
Vinyl acetate	ug/l	NA		U	5									<	50									<	50
Vinyl chloride	ug/l	2	2	U	2									<	5									<	5
cis-1,2-Dichloroethene	ug/l	5	5	U	5									<	5									<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	U	5									<	5									<	5
m,p-Xylene	ug/l	5	5	U	5									<	5									<	5
o-Xylene	ug/l	5	5	U	5									<	5									<	5
trans-1,2-Dichloroethene	ug/l	5	5	U	5									<	5									<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	U	5									<	5									<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	U	5									<	10									<	10

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			MW - 17I		MW - 17I		MW - 17I		MW - 17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I
Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		
Conductivity	umhos/cm	1153			630		929		1053		965		768		867		1293		1281		1228		1241		1305		1202		
Eh	mV	426			55						40		-20		-10		-60		50		65		-60		-35		160		
Field pH	SU	5.0 - 10.4	8.5		7.16		6.03		7.14		7.8		7.07		7.32		7.51		7.39		7.63		7.73		4.62		7.99		
Temperature	degC	NA			7		12		14		10		8		11		17		6.7		2.3		14.6		14		13.5		
Turbidity	NTU	15	5		6		5		5		9		3		3		14		4.48		5.11		8.59		16.2		6.57		
Water Level	ft	NA			22.44		21.43		23		22.53		22.05		20.2		24.38		20.95		20.56		20.88		22.46		20.96		
Bromide	mg/l	1.5			0.7	<	0.2		1		1.1	<	0.2	<	0.2		0.8	<	0.2	<	0.2	<	0.2	<	2		1.3		
Aluminum	ug/l	502			146	<	100	<	100	<	100	<	100	<	100		129	<	100		192		128		188		215		
Antimony	ug/l	38	3		19.5		17.4		29.5		37.6		35.3		27.3	<	15	<	15	<	15	<	15	<	15	<	15		
Arsenic	ug/l	6	25	<	10	<	10		45.1	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10		
Barium	ug/l	229	1000		247		257		282		224		247		196		197		175		231		192		191		178		
Beryllium	ug/l	3		<	3		2.9	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		
Cadmium	ug/l	6	10	<	5		3.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		
Calcium	ug/l	128000			125000		127000		146000		130000		163000		139000		145000		129000		158000		154000		151000		158000		
Chromium	ug/l	51	50	<	5		1.9	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		
Cobalt	ug/l	18		<	20		5.4	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		
Copper	ug/l	28	200		13.6		15.2		19.8		9.7		12.1		11.6	<	10	<	10		11.3	<	10		11.3		15.4		
Hardness, Total (mg/l CaCO3)	mg/l	NA			321		580		667		589		738		625		651		583		691		400		678		713		
Iron	ug/l	900	300		385		570		929		477		1220		428		1670		1180		1960		2420		1370		1140		
Lead	ug/l	4	25	<	3		8.58		2.9		127		6.44	<	3	<	3	<	3		16.2	<	3	<	3	<	3		
Magnesium	ug/l	58600	35000		61700		63600		73600		64200		80500		67400		70200		63500		72000		75300		73100		77600		
Manganese	ug/l	88	300		379		469		495		640		748		824		327		540		1410		976		930		324		
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		
Nickel	ug/l	50		<	30		6.4		6.5		5.7	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30		
Potassium	ug/l	8000			2940		3130		4110		3210		3350		4520		2590		2740		2920		2650		2700		2520		
Selenium	ug/l	4	10	<	5	<	5	<	5	<	5	<	5	<	5		10.9		6.65		15.2		11.5		20		19.7		
Silver	ug/l	39	50	<	10		1.7	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10		
Sodium	ug/l	39000	20000		17300		20400		23400		20100		26300		20000		23900		20900		26200		25600		24300		25000		
Thallium	ug/l	12	4		24		4.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10		
Vanadium	ug/l	24		<	30		2.6	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30		
Zinc	ug/l	56	300		52.5		27.3		39.5		36.9		28.9		26.1		64.1		15		39.3		31.4		30.7		35.1		
Boron	mg/l	131	1000	<	0.5		69	<	500		180	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			450		470		460		620		620		520		560		440		940		540		500		500		
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4		8		201		4	<	4	<	4	<	4	<	4	<	4	<	4		
Chemical Oxygen Demand	mg/l	48.5			22		12	<	20	<	20		23	<	20		24	<	20	<	20	<	20	<	20		29		
Chloride	mg/l	3.9	250		97		101		110		97		88.8		56.2		68.2		69		78.2		79.3		110		104		
Color	Units	46	15		14		22		20		5		15		20	<	5	<	5		6		28		18		10		
Cyanide	mg/l	9.2	0.1	<	0.01	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10		
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01		
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		
Organic Carbon, Total	mg/l	26.1		<	3		4	<	3	<	3	<	3		3	<	3		3		3		3		3		4		
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.006	<	0.005	<	0.005		
Residue, Dissolved (TDS)	mg/l	582	500		750		887		840		860		785		668		882		868		1030		985		977		712		
Sulfate	mg/l	66	250		160		117		205		163		157		135		156		170		154		150		158		160		

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Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,3-Dichlorobenzene	ug/l	3				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acetone	ug/l	NA		<	10		14	<	10	<	10	<	10	<	10	<	10		39	<	10	<	10	<	10	<	10
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroform	ug/l	7	7	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Iodomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Methylene chloride	ug/l	5	5	<	5		4	<	5		2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Vinyl acetate	ug/l	NA		<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	5	<	5	<	5	<	5
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
m,p-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10	<	10	<	10	<	10
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	50	<	50	<	50	<	50
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	5	<	5	<	5	<	5

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Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	1153			1205		625		603		1311		1133		1225		1167		1068		1183		836		588		691
Eh	mV	426			136		-104		-80		-101		-88		-141		-42		-43		-62		244		209		177
Field pH	SU	5.0 - 10.4	8.5		7.43		7.92		8.22		8.27		8.49		8.65		8.44		7.77		8.14		6.27		6.9		7.36
Temperature	degC	NA			12.1		9.2		15.8		10.5		7.2		10.3		14.7		9.4		4.7		16.2		17		10
Turbidity	NTU	15	5		5.71		11.9		5.73		7.51		8.73		22.1		18.2		7.19		4.86		8.38		8.3		16.5
Water Level	ft	NA			21.41		20.87		22.44		19.05		20.02		19.93		21.57		20.68		21		20.39		21.3		21.36
Bromide	mg/l	1.5		<	0.2	<	2	<	20	<	2	R<	20	<	20		1.2	<	2	<	2		0.98	<	0.2	<	2
Aluminum	ug/l	502			136		178		177		104	<	100		159		244	<	100	<	100		122	<	100		202
Antimony	ug/l	38	3	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	30	<	30	<	30	<	30	<	30
Arsenic	ug/l	6	25	<	10	<	10	<	10	<	10	<	10		13.1	<	10	<	10	<	10	<	10	<	10	<	10
Barium	ug/l	229	1000		170		160		179		157		153		166		166		162		155		149		139		151
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	UJ	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			163000		151000		158000		158000		161000		177000		161000		185000		173000		178000		180000		184000
Chromium	ug/l	51	50	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10	<	10	<	5	<	10	<	10
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	28	200	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10		12.9	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			721		675		711		715		725		792000		734000		842000		803000		790000		822000		811000
Iron	ug/l	900	300		1800		1970		2560		2460	J	1360		2730		2000		2730		2590		2920	J	1910		2660
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	UJ	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		76400		72200		77100		77900	J	78500		85300		80500		92500		89900		84100		90600		85500
Manganese	ug/l	88	300		578		690		787		824	J	129		1210		816		956		967		968		951		934
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50		<	30	<	30	<	30	<	30	<	30		108	<	30	<	30	<	30	<	30	<	30	<	30
Potassium	ug/l	8000			2980		1760	<	1000		2400		2520		2440		2620		2340		1750		2950		2690	<	5000
Selenium	ug/l	4	10		18.6		12.6		14.2	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Silver	ug/l	39	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	R	10	<	10
Sodium	ug/l	39000	20000		26200		23900		25000		24900		24600		25700		24500		28300		23700		25500		27400		27200
Thallium	ug/l	12	4	<	10	<	10	<	10	<	10	UJ	10	<	10	<	10	<	10	<	10	<	10	UJ	10	<	10
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300		22.2		15.8		13.1		12.8		10.8		14.6		39	<	10	<	10	<	10	<	10		43
Boron	mg/l	131	1000	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	5	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			490		490		480		500		480		480		460		490		160		560		490	<	500
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		26	<	20	<	20
Chloride	mg/l	3.9	250		116		116		119		123	R	201		118		112		112		102		91.6	J	91.3		83.5
Color	Units	46	15		10		11		80		105		15		22		30		8		8		21		50		20
Cyanide	mg/l	9.2	0.1	<	10	<	10	<	10	<	10	UJ	10	<	0.01	<	0.01	<	0.01	<	10	<	10	<	10	<	10
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.02	<	0.01	<	0.02	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	UJ	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2		0.226	<	0.2		0.642	<	0.2		0.24	<	0.2 UJ	<	0.2	<	0.2		6.77	UJ	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3.5		3.7	<	3		6.9	<	3	<	3	<	3		3.1	UJ	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005		0.008	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005 J	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		825		868		917		1190		865		1000		887		922		860		920		1000		580
Sulfate	mg/l	66	250		90.2		138		189		131		167		229		239		136		203		209	J	178		227

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		Grey Till			MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I
Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09	
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10	<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	5	<	10	<	10
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,3-Dichlorobenzene	ug/l	3		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acetone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroform	ug/l	7	7	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Iodomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5
Methylene chloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5J	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Vinyl acetate	ug/l	NA		<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
m,p-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10

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		Grey Till			MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I
Parameter	Units	Trigger	GW Std.		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1153			1136		1031		961		1481		1409		1259
Eh	mV	426			168		34		-30		28		-32		160
Field pH	SU	5.0 - 10.4	8.5		7.65		7.73		7.58		7.13		7.39		7.38
Temperature	degC	NA			19.9		11.6		7.6		24.2		21.5		7.3
Turbidity	NTU	15	5		26.3		7.86		6.54		129		21.2		13.98
Water Level	ft	NA			20.7		18.9		18.96		18.53		21.1		20.04
Bromide	mg/l	1.5		<	4	<	4	<	1.6	UJ	8	UJ<	8	UJ	8
Aluminum	ug/l	502			2520	<	100	<	100		303	<	100		1260
Antimony	ug/l	38	3	<	5j	<	5	<	5	<	5	<	5	<	5
Arsenic	ug/l	6	25		20		7.3	<	5		37	<	5	UJ	5
Barium	ug/l	229	1000		242	bj	130		129		183		111		142
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			193000		163000		172000		162000		175000		184000
Chromium	ug/l	51	50	<	10	<	10	<	10	<	10	<	10	<	10
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	28	200	<	10	<	10	<	10	<	10	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			874000		761000		796000		745000		772000		804000
Iron	ug/l	900	300		11200		2880		1490	J	30400		2640		3520
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		95500		86200		88700		82500		81300		83300
Manganese	ug/l	88	300		824		388		396	J	570		504		1120
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50		<	30	<	30	<	30	<	30	<	30	<	30
Potassium	ug/l	8000		<	5000	<	5000	<	5000	<	5000	<	5000	UJ	5000
Selenium	ug/l	4	10		8.3		10		6	<	3	<	3	UJ	3
Silver	ug/l	39	50	<	Reject	<r	10	<	10	<	10		Rejected	<	10
Sodium	ug/l	39000	20000		29500		30800		36300		27600		27100	J	32200
Thallium	ug/l	12	4	<	3	<	3	<	3	UJ	3	<	3	<	3
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300		23	<	10		20.5		17.7		12.9		14.3
Boron	mg/l	131	1000	<	500	<	500		520	<	500	<	500	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			460	j	480	<	4	J	500	J	530		Rejected
Biochemical Oxygen Demand	mg/l	19.8			Reject	<uj	4	<	20	<	4	UJ<	4	UJ	4
Chemical Oxygen Demand	mg/l	48.5			120	<	20		68		23	UJ<	20	UJ	20
Chloride	mg/l	3.9	250		72.9		75.1		35		53	J	59.6	J	52.4
Color	Units	46	15		240		12	<	10		70	J	55	J	17
Cyanide	mg/l	9.2	0.1	<	10uj	<	10	<	0.01	<	10	UJ<	10	<	10
Hexavalent chromium	mg/l	0.031		<	0.01	<uj	0.01	<	0.5	<	0.01	UJ<	0.01	UJ	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	UJ	0.5	UJ<	0.5	UJ	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9			0.899j	<uj	0.5		0.053	<	0.5	UJ<	0.5	UJ	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.064j	j	0.062	<	3	J	0.094	UJ<	0.05	UJ	0.05
Organic Carbon, Total	mg/l	26.1			29.5	<uj	3	<	0.005	<	3	UJ<	3	J	3.2
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<uj	0.005		900	UJ	0.005	UJ<	0.005	UJ	0.005
Residue, Dissolved (TDS)	mg/l	582	500		1000		880		203		1000	J	1100	J	860
Sulfate	mg/l	66	250		209		190	<	500	J	165	J	211	J	169

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		Grey Till			MW-17I		MW-17I		MW-17I		MW-17I		MW-17I		MW-17I
Parameter	Units	Trigger	GW Std.		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,1-Trichloroethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,2-Trichloroethane	ug/l	1	1	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,1-Dichloroethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,1-Dichloroethene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	1000uj	<	10	<	10	<	10	UJ<	10	UJ	10
1,2-Dibromoethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichlorobenzene	ug/l	3	3	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichloropropane	ug/l	1	1	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,3-Dichlorobenzene	ug/l	3		<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
1,4-Dichlorobenzene	ug/l	3	3	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
2-Butanone	ug/l	NA			7900uj	<	10	<	10	J	20	UJ<	10	UJ	10
2-Hexanone	ug/l	NA		<	1000uj	<	10	<	10	<	10	UJ<	10	UJ	10
4-Methyl-2-pentanone	ug/l	NA		<	1000uj	<	10	<	10	<	10	UJ<	10	UJ	10
Acetone	ug/l	NA			8900uj	<	10	<	10	J	14	UJ<	10	UJ	10
Acrylonitrile	ug/l	5	5	<	10000uj	<	100	<	100	<	100	UJ<	100	UJ	100
Benzene	ug/l	1	1	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Bromochloromethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Bromodichloromethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Bromoform	ug/l	NA		<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Bromomethane	ug/l	5	5	<	500uj	<uj	5	<	5	<	5	UJ<	5	UJ	5
Carbon disulfide	ug/l	NA		<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Carbon tetrachloride	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Chlorobenzene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Chloroethane	ug/l	5	5	<	500uj	<uj	5	<	5	<	5	UJ<	5	UJ	5
Chloroform	ug/l	7	7	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Chloromethane	ug/l	5	5	<	500uj	<uj	5	<	5	<	5	UJ<	5	UJ	5
Dibromochloromethane	ug/l	NA		<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Dibromomethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Ethylbenzene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Iodomethane	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Methylene chloride	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Styrene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Tetrachloroethene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Toluene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Trichloroethene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
Trichlorofluoromethane	ug/l	5	5	<	500uj	<uj	5	<	5	<	5	UJ<	5	UJ	5
Vinyl acetate	ug/l	NA		<	Reject	<	5	<	50	UJ	50	UJ<	50	UJ	50
Vinyl chloride	ug/l	2	2	<	500uj	<uj	5	<	5	<	5	UJ<	5	UJ	5
cis-1,2-Dichloroethene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
m,p-Xylene	ug/l	5	5	<	1000uj	<	10	<	5	<	5	UJ<	5	UJ	5
o-Xylene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
trans-1,2-Dichloroethene	ug/l	5	5	<	500uj	<	5	<	5	<	5	UJ<	5	UJ	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5000uj	<	50	<	5	<	5	UJ<	5	UJ	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	500uj	<	5	<	10	<	10	UJ<	10	UJ	10

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Parameter	Units	GW Std.	Bedrock		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D
			Trigger		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08
Conductivity	umhos/cm	NA	1225		345		381		468		340		425		374		260		234		472		372		413		332
Eh	mV	NA	582		85		60		-80		-80		170		21		-193		-15		-115		-162		-180		-74
pH	SU	6.5 - 8.5	6.1 to 9.1		7.86		7.89		8.41		8.87		8.77		8.27		8.69		8.91		8.54		10.13		8.97		9.14
Temperature	degC	NA			5.9		3.4		13		14.2		10.6		7.6		10.1		15.4		11.2		4.2		11.9		16.4
Turbidity	NTU	5	41		1.72		3.23		6.83		7.03		2.64		1.89		7.13		8.19		4.73		19.3		5.12		11.4
Water Level	ft	NA			4.63		4.28		4.47		6.2		3.98		4.7		4.61		6.48		6.01		4.2		7.1		5.73
Bromide	mg/L	NA		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	R<	2	<	0.2	<	0.2
Aluminum	µg/L	NA	116	<	100		193		165	<	100		112								113		3540				
Antimony	µg/L	3	39	<	15	<	15	<	15	<	15	<	15							<	15	<	15				
Arsenic	µg/L	25	8	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Barium	µg/L	1000	133		50.3	<	50	<	50		85.8		52.6							<	50		57.6				
Beryllium	µg/L	3	2	<	3	<	3	<	3	<	3	<	3							<	3	UJ<	3				
Cadmium	µg/L	10	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ<	5	<	5	<	5
Calcium	µg/L	NA	110000		32800		46800		49600		42600		51100		40500		51600		26800		53900		42500		36400		39900
Chromium	µg/L	50	51	<	5	<	5	<	5	<	5	<	5							<	5		26.9				
Cobalt	µg/L	NA	18	<	20	<	20	<	20	<	20	<	20							<	20	<	20				
Copper	µg/L	200	19	<	10		13.8	<	10	<	10	<	10							<	10		11.9				
Hardness, Total (mg/l CaCO3)	mg/l	NA	1.5		137		186		219		163		183		164		221		111		232		209		154000		165000
Iron	µg/L	300	1200		67		1030		509		1370		498		160		77		120		189	J	7580		327		971
Lead	µg/L	25	4	<	3		19.8	<	3		3.52		8.83	<	3	<	3	<	3	<	3	J	7.28	<	3	<	3
Magnesium	µg/L	35000	52000		13300		16900		23000		13700		20600		15300		22300		10600		23700	J	25000		15400		15900
Manganese	µg/L	300	348		14.4		65.8		32.7		116		25		10.3	<	10		13.1	<	10	J	108		11.1		31.6
Mercury	µg/L	2	0	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2							<	0.2	<	0.2				
Nickel	µg/L	NA	24	<	30	<	30	<	30	<	30	<	30							<	30	<	30				
Potassium	µg/L	NA	10000		2450		1600	<	1000		3120		1510		3660	<	1000		4160	<	1000		2050		2350		2780
Selenium	µg/L	10	4	<	5		12.1	<	5	<	5		9.95		13400					<	5	UJ	5				
Silver	µg/L	50	7	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Sodium	µg/L	20000	26000		9880		9060		1840		11100		6200				1210		9190		4460		2750		9890		11300
Thallium	µg/L	4	5	<	10		13.9		11.8	<	10	<	10							<	10	UJ	10				
Vanadium	µg/L	NA	148	<	30	<	30	<	30	<	30	<	30							<	30	<	30				
Zinc	µg/L	300	49		41.3		18.2		14.7		21.9		34.3								19.3		27.9				
Boron	µg/L	1	276	<	500	<	500	<	500	<	500	<	500							<	500	<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	380		170		230		250		160		200		170		230		160		230		170		160		170
Biochemical Oxygen Demand	mg/L	NA	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	42.6	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	19		1.48		2.07		2.71		1.66		2.74		4.36		2.11		3.27		2.28		2.05		3.49		3.18
Color	UNITS	15	78	<	5		7		21		10		7							<	5	UJ	21				
Cyanide	µg/L	100	0.009	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Hexavalent chromium	mg/L	0.05	0.027	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01							<	0.01	<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	2.2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.4	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.535	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	30.2	<	3	<	3		3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.009	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	568		193		398		268		217		258		185		255		170		272		165		252		175
Sulfate	mg/L	250	119		23.2		14.1		11		20.1		17.1		18.1		7.65		26.5		26.9		16.9		24.5		23.4

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Parameter	Units	GW Std.	Bedrock		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D
			Trigger		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08
1,1,1,2-Tetrachloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1,1-Trichloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1,2,2-Tetrachloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1,2-Trichloroethane	µg/L	5	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1-Dichloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2,3-Trichloropropane	µg/L	5	0.04	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dibromo-3-chloropropane	µg/L	5	0.4	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
1,2-Dibromoethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dichlorobenzene	µg/L	4.7	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dichloroethane	µg/L	5	0.6	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dichloropropane	µg/L	5	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,3-Dichlorobenzene	µg/L	5	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,4-Dichlorobenzene	µg/L	4.7	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
2-Butanone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
2-Hexanone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
4-Methyl-2-pentanone	µg/L	NA	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Acetone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Acetonitrile	µg/L	NA	5	<	100	<	100	<	100	<	100	<	100							<	100	<	100				
Benzene	µg/L	0.7	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromochloromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromodichloromethane	µg/L	50	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromoform	µg/L	50	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromomethane	µg/L	NA	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Carbon disulfide	µg/L	NA	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Carbon tetrachloride	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chlorobenzene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chloroform	µg/L	7	7	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chloromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Dibromochloromethane	µg/L	50	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Dibromomethane	µg/L	NA	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Ethylbenzene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Iodomethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Methylene chloride	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Styrene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Tetrachloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Toluene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Trichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Trichlorofluoromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Vinyl acetate	µg/L	NA	NA	<	50	<	5	<	5	<	5	<	5							<	50	<	50				
Vinyl chloride	µg/L	2	2	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
cis-1,2-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
cis-1,3-Dichloropropene	µg/L	5	0.4	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
m,p-Xylene	µg/L	NA	5	<	5	<	10	<	10	<	10	<	10							<	5	<	5				
o-Xylene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
trans-1,2-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
trans-1,3-Dichloropropene	µg/L	5	0.4	<	5	<	50	<	50	<	50	<	50							<	5	<	5				
trans-1,4-Dichloro-2-butene	µg/L	5	5	<	10	<	5	<	5	<	5	<	5							<	10	<	10				

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Parameter	Units	GW Std.	Bedrock		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D
			Trigger		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	NA	1225		449		430		267		204		1681		1116		1871		175		422		426		589		339		756
Eh	mV	NA	582		-71		-61		194		151		166		121		239		240		-29		-36		-86		-86		-25
pH	SU	6.5 - 8.5	6.1 to 9.1		8.28		8.11		7.12		8.06		7.44		7.64		7.31		7.62		8.16		8.49		7.49		7.94		7.72
Temperature	degC	NA			9.7		3.5		15.6		17.6		9.4		5.6		11.6		19.4		10.8		4.5		22		20.1		12.4
Turbidity	NTU	5	41		1.65		6.39		3.69		5.46		38.9		6.78		4.14		3.47		3.27		2.97		22.3		23.2		5.09
Water Level	ft	NA			4.96		4.8		4.14		5.02		5.02		4.48		4.67		5.62		2.96		4.29		4.12		6.49		4.53
Bromide	mg/L	NA		<	2	<	0.2	<	0.2	<	2	<	2	<	2	<	8	<	0.8	<	1.6	<	0.8	UJ	8	<	0.8	<	0.8
Aluminum	µg/L	NA	116					<	100									<	100					<	100				
Antimony	µg/L	3	39					<	30									<	Reject					<	5				
Arsenic	µg/L	25	8					<	10									<	5					<	5				
Barium	µg/L	1000	133					<	50										76.2					<	50				
Beryllium	µg/L	3	2					<	3									<	3					<	3				
Cadmium	µg/L	10	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	110000		65600		55800		59600		58800		56000		39700		44700		43100		114000		61800		77500		38200		107000
Chromium	µg/L	50	51					<	5									<	10					<	10				
Cobalt	µg/L	NA	18					<	20									<	20					<	20				
Copper	µg/L	200	19					<	10									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA	1.5		292000		253000		269000		242000		239000		166000		186000		175		463000		270000		335000		159000		480000
Iron	µg/L	300	1200		98.9		372		154		1250		182		138		401		1960		1740		119	J	3820		2960		96.8
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	52000		31100		27700		29200		23200		24100		16200		18000		16300		43300		28000		34400		15500		52000
Manganese	µg/L	300	348	<	10		27		17.8		42.7		15.9	<	10		11.6		71.8		143	<	10	J	182		42.9		30.1
Mercury	µg/L	2	0					<	0.2									<	0.2					<	0.2				
Nickel	µg/L	NA	24					<	30									<	30					<	30				
Potassium	µg/L	NA	10000	<	1000	<	1000	<	1000		2410	<	5000	<	5000	<	5000	<	5000		10500	<	5000	<	5000	<	5000	<	5000
Selenium	µg/L	10	4					<	5									<	3					<	3				
Silver	µg/L	50	7					<	10									<	Reject					<	10				
Sodium	µg/L	20000	26000		1560		1360		1230		10000		7340		11300		11900		11700		10200		11400	<	5000		11300	<	5000
Thallium	µg/L	4	5					<	10									<	3					<	3				
Vanadium	µg/L	NA	148					<	30									<	30					<	30				
Zinc	µg/L	300	49					<	10									<	10						19.5				
Boron	µg/L	1	276					<	500									<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	380		280		250		260		220		230		200		180		150		200		230	J	330		190		380
Biochemical Oxygen Demand	mg/L	NA	7.9	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	12		8	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	42.6	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		22	<	20	<	20
Chloride	mg/L	250	19		2.85		2.17		2.7		2.35		2.75		3.63		2.5		2.37		2.82		2.97		2.62		1.9		2.8
Color	UNITS	15	78					<	5										110						27				
Cyanide	µg/L	100	0.009					<	10									<	10					<	10				
Hexavalent chromium	mg/L	0.05	0.027					<	0.01									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	0.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	2.2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.582		0.643	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.4	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.126		0.153		0.145		0.1		0.132	J	0.16		0.212		0.106
Organic Carbon, Total	mg/L	NA	30.2	<	3	<	3	<	3	<	3	<	3		3.9	<	3	<	3	<	3	<	3		3.6	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.062	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	568		322		215		310		240		170		60		180		240		240		260		420		150		610
Sulfate	mg/L	250	119		14.6		19.5		9.5		19.6		25.5		66.8		23.8		26.8		35.9		31.6		47.6		28.7		82.8

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Bedrock		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D		MW-18D
			Trigger		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1,1-Trichloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1,2,2-Tetrachloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1,2-Trichloroethane	µg/L	5	1					<	5									<	5					<	5			
1,1-Dichloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1-Dichloroethene	µg/L	5	5					<	5									<	5					<	5			
1,2,3-Trichloropropane	µg/L	5	0.04					<	5									<	5					<	5			
1,2-Dibromo-3-chloropropane	µg/L	5	0.4					<	10									<	10					<	10			
1,2-Dibromoethane	µg/L	5	5					<	5									<	5					<	5			
1,2-Dichlorobenzene	µg/L	4.7	3					<	5									<	5					<	5			
1,2-Dichloroethane	µg/L	5	0.6					<	5									<	5					<	5			
1,2-Dichloropropane	µg/L	5	1					<	5									<	5					<	5			
1,3-Dichlorobenzene	µg/L	5	3					<	5									<	5					<	5			
1,4-Dichlorobenzene	µg/L	4.7	3					<	5									<	5					<	5			
2-Butanone	µg/L	50	NA					<	10									<	10					<	10			
2-Hexanone	µg/L	50	NA					<	10									<	10					<	10			
4-Methyl-2-pentanone	µg/L	NA	NA					<	10									<	10					<	10			
Acetone	µg/L	50	NA					<	10									<	10					<	10			
Acetonitrile	µg/L	NA	5					<	100									<	100					<	100			
Benzene	µg/L	0.7	1					<	5									<	5					<	5			
Bromochloromethane	µg/L	5	5					<	5									<	5					<	5			
Bromodichloromethane	µg/L	50	5					<	5									<	5					<	5			
Bromoform	µg/L	50	NA					<	5									<	5					<	5			
Bromomethane	µg/L	NA	5					<	5									<	5					<	5			
Carbon disulfide	µg/L	NA	NA					<	5									<	5					<	5			
Carbon tetrachloride	µg/L	5	5					<	5									<	5					<	5			
Chlorobenzene	µg/L	5	5					<	5									<	5					<	5			
Chloroethane	µg/L	5	5					<	5									<	5					<	5			
Chloroform	µg/L	7	7					<	5									<	5					<	5			
Chloromethane	µg/L	5	5					<	5									<	5					<	5			
Dibromochloromethane	µg/L	50	NA					<	5									<	5					<	5			
Dibromomethane	µg/L	NA	5					<	5									<	5					<	5			
Ethylbenzene	µg/L	5	5					<	5									<	5					<	5			
Iodomethane	µg/L	5	5					<	5									<	5					<	5			
Methylene chloride	µg/L	5	5					<	5									<	5					<	5			
Styrene	µg/L	5	5					<	5									<	5					<	5			
Tetrachloroethene	µg/L	5	5					<	5									<	5					<	5			
Toluene	µg/L	5	5					<	5									<	5					<	5			
Trichloroethene	µg/L	5	5					<	5									<	5					<	5			
Trichlorofluoromethane	µg/L	5	5					<	5									<	5					<	5			
Vinyl acetate	µg/L	NA	NA					<	50									<	Reject					UJ	50			
Vinyl chloride	µg/L	2	2					<	5									<	5					<	5			
cis-1,2-Dichloroethene	µg/L	5	5					<	5									<	5					<	5			
cis-1,3-Dichloropropene	µg/L	5	0.4					<	5									<	5					<	5			
m,p-Xylene	µg/L	NA	5					<	5									<	10					<	5			
o-Xylene	µg/L	5	5					<	5									<	5					<	5			
trans-1,2-Dichloroethene	µg/L	5	5					<	5									<	5					<	5			
trans-1,3-Dichloropropene	µg/L	5	0.4					<	5									<	50					<	5			
trans-1,4-Dichloro-2-butene	µg/L	5	5					<	10									<	5					<	10			

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S
			Trigger		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Jan-08		Feb-08		May-08		Aug-08
Conductivity	umhos/cm	NA	1153		418		407		444		392		442		233		254		261		528		702		512		362
Eh	mV	NA	426		95		40		-80		-80		155		5		-214		-145		-110		-138		-192		-72
pH	SU	6.5 - 8.5	5.0 - 10.4		8.11		7.79		8.55		8.79		8.82		8.32		8.98		9.17		8.44		9.12		8.78		9.11
Temperature	degC	NA	NA		3.4		4		17.9		14.4		10.4		5.1		9.3		16.1		12.1		4.3		11.7		16.5
Turbidity	NTU	5	15		8.43		6.73		4.9		22		9.92		1.58		24.7		14.5		14.1		18.32		6.71		24
Water Level	ft	NA	NA		3.13		2.78		3.18		4.59		3.01		3.27		3.12		4.99		4.83		3.31		5.75		4.33
Bromide	mg/L	NA	1.5	<	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	2	R<	0.2	<	0.2	<	0.2
Aluminum	µg/L	NA	502		927		162	<	100		142		149								337	<	100				
Antimony	µg/L	3	38	<	15	<	15	<	15	<	15	<	15							<	15	<	15				
Arsenic	µg/L	25	6	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Barium	µg/L	1000	229		81.8		60.4		53.2		69.6		73.3								75.3		79.5				
Beryllium	µg/L	3	3	<	3	<	3	<	3	<	3	<	3							<	3	UJ	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5
Calcium	µg/L	NA	128000		38000		40900		37300		29000		36100		41500		35800		27800		52200		35000		34100		34300
Chromium	µg/L	50	51	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Cobalt	µg/L	NA	18	<	20	<	20	<	20	<	20	<	20							<	20	<	20				
Copper	µg/L	200	28		12.7	<	10	<	10		15.4	<	10							<	10	<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		184		195		183		160		183		224		185		153		249		196		193000		187000
Iron	µg/L	300	900		1960		451		212		242		409		67.8		994		486		780	J	138		264		1260
Lead	µg/L	25	4	<	3		15.6		4.39	<	3	<	3	<	3	<	3		4.04	<	3	UJ	3		18.6	<	3
Magnesium	µg/L	35000	58600		21700		22400		21700		21400		22600		29300		23200		20400		28700	J	26300		26100		24700
Manganese	µg/L	300	88		72.3		11.6		29.7	<	10		10.2	<	10		31.2		16.7		14.3	UJ	10		25.6		36.8
Mercury	µg/L	2	7	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2							<	0.2	<	0.2				
Nickel	µg/L	NA	50	<	30	<	30	<	30	<	30	<	30							<	30	<	30				
Potassium	µg/L	NA	8000		3780		1700		2310		2920		2390		3670		2350		2520		2460		2830		2340		3150
Selenium	µg/L	10	4		6.03	<	5	<	5	<	5		5		14400					<	5	UJ	5				
Silver	µg/L	50	39	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Sodium	µg/L	20000	39000		10100		8710		6690		11000		9920				8820		9970		9380		11100		11000		13200
Thallium	µg/L	4	12	<	10		10.2	<	10	<	10	<	10							<	10	UJ	10				
Vanadium	µg/L	NA	24	<	30	<	30	<	30	<	30	<	30							<	30	<	30				
Zinc	µg/L	300	56		22.3		14.6		13.5		34.2		11								13.7	<	10				
Boron	µg/L	1	131	<	500	<	500	<	500	<	500	<	500							<	500	<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		210		240		230		190		200		170		200		170		230		200		180		170
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		39
Chloride	mg/L	250	3.9	<	1	<	1		1.72		1.2		2.28		1.75		1.82		1.26		2.1		1.52		1.6		1.52
Color	UNITS	15	46		5		8		12		12		7							<	10	<	5				
Cyanide	µg/L	100	9.2	<	10	<	10	<	10	<	10	<	10							<	10	UJ	10				
Hexavalent chromium	mg/L	0.05	0.031	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01							<	0.01	<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.613
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2		0.31	<	0.2	<	0.2	<	0.2		0.248	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3		3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.022	<	0.005		0.015	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		242		265		330		260		80		208		262		212		320		242		270		150
Sulfate	mg/L	250	66		38.7		27.4		28.8		35.6		58.5		48.8		28		60.2		64.2		43.7		47.9		34.1

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	Grey Till		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S
			Trigger		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Jan-08		Feb-08		May-08		Aug-08
1,1,1,2-Tetrachloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1,1-Trichloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1,2,2-Tetrachloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1,2-Trichloroethane	µg/L	5	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1-Dichloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,1-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2,3-Trichloropropane	µg/L	5	0.04	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dibromo-3-chloropropane	µg/L	5	0.4	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
1,2-Dibromoethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dichlorobenzene	µg/L	4.7	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dichloroethane	µg/L	5	0.6	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,2-Dichloropropane	µg/L	5	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,3-Dichlorobenzene	µg/L	5	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
1,4-Dichlorobenzene	µg/L	4.7	3	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
2-Butanone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
2-Hexanone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
4-Methyl-2-pentanone	µg/L	NA	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Acetone	µg/L	50	NA	<	10	<	10	<	10	<	10	<	10							<	10	<	10				
Acetonitrile	µg/L	NA	5	<	100	<	100	<	100	<	100	<	100							<	100	<	100				
Benzene	µg/L	0.7	1	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromochloromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromodichloromethane	µg/L	50	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromoform	µg/L	50	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Bromomethane	µg/L	NA	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Carbon disulfide	µg/L	NA	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Carbon tetrachloride	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chlorobenzene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chloroethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chloroform	µg/L	7	7	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Chloromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Dibromochloromethane	µg/L	50	NA	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Dibromomethane	µg/L	NA	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Ethylbenzene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Iodomethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Methylene chloride	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Styrene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Tetrachloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Toluene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Trichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Trichlorofluoromethane	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
Vinyl acetate	µg/L	NA	NA	<	50	<	5	<	5	<	5	<	5							<	50	<	50				
Vinyl chloride	µg/L	2	2	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
cis-1,2-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
cis-1,3-Dichloropropene	µg/L	5	0.4	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
m,p-Xylene	µg/L	NA	5	<	5	<	10	<	10	<	10	<	10							<	5	<	5				
o-Xylene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
trans-1,2-Dichloroethene	µg/L	5	5	<	5	<	5	<	5	<	5	<	5							<	5	<	5				
trans-1,3-Dichloropropene	µg/L	5	0.4	<	5	<	50	<	50	<	50	<	50							<	5	<	5				
trans-1,4-Dichloro-2-butene	µg/L	5	5	<	10	<	5	<	5	<	5	<	5							<	10	<	10				

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.	Grey Till		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S
			Trigger		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	NA	1153		440		384		235		215		1609		1240		267		176		462		432		371		381		463
Eh	mV	NA	426		-72		-54		165		130		169		152		240		233		-26		-43		-80		-72		-61
pH	SU	6.5 - 8.5	5.0 - 10.4		8.29		8.01		7.61		8.25		7.51		7.8		7.6		7.68		8.31		8.66		7.96		7.76		7.97
Temperature	degC	NA	NA		10.6		3.8		15.7		17.9		10.4		4.4		14.4		19.1		11.2		5.2		22.4		20.3		11.9
Turbidity	NTU	5	15		5.2		17.9		13.7		13.3		5.37		18.7		8.61		30.1		8.13		6.42		3.47		5.91		12.8
Water Level	ft	NA	NA		3.54		3.48		2.98		3.34		3.06		3.61		3.13		3.6		3.98		3.45		3.08		4.54		3.39
Bromide	mg/L	NA	1.5	<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	0.4	<	0.8	<	0.8	<	1.6	<	0.8	UJ	0.8	<	8	<	0.8
Aluminum	µg/L	NA	502						265									<	100					<	100				
Antimony	µg/L	3	38					<	30									<	5 uj					<	5				
Arsenic	µg/L	25	6					<	10									<	5					<	5				
Barium	µg/L	1000	229						68.9										95						67.2				
Beryllium	µg/L	3	3					<	3									<	3					<	3				
Cadmium	µg/L	10	6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA	128000		52100		39800		40300		45200		58100		43100		42000		58800		40700		43700		32700		32700		39000
Chromium	µg/L	50	51					<	5									<	10					<	10				
Cobalt	µg/L	NA	18					<	20									<	20					<	20				
Copper	µg/L	200	28					<	10									<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA	NA		254000		212000		211000		232000		284000		235000		233000		279000		223000		243000		185000		185000		216000
Iron	µg/L	300	900		73.5		427		336		1440		725		855		389		2500		568		69.4	J	171		172		457
Lead	µg/L	25	4	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	µg/L	35000	58600		30000		27300		26800		28800		33800		30900		31100		32000		29400		32500		25100		25200		28900
Manganese	µg/L	300	88	<	10		14.6		20.4		62		44.5		10.8	<	10		22		11.8	<	10	<	10	<	10		18.1
Mercury	µg/L	2	7					<	0.2									<	0.2					<	0.2				
Nickel	µg/L	NA	50					<	30									<	30					<	30				
Potassium	µg/L	NA	8000		2180		1630		1820		2780	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	µg/L	10	4					<	5									<	3					<	3				
Silver	µg/L	50	39					<	10									<	Reject					<	10				
Sodium	µg/L	20000	39000		9770		9520		7680		11900		9850		11800		13100		10100		13100		15900		14900		13300		15500
Thallium	µg/L	4	12					<	10									<	3					<	3				
Vanadium	µg/L	NA	24					<	30									<	30					<	30				
Zinc	µg/L	300	56					<	10									<	10					<	10				
Boron	µg/L	1	131					<	500									<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	517		220		200		220		200		240		210		200		250		210		210		170		180		200
Biochemical Oxygen Demand	mg/L	NA	19.8	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA	48.5	<	20	<	20	<	20	<	20	<	20	<	20	<	20		20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/L	250	3.9		2		1.84		4.11		2.38		2.24		1.36		1.55		1.75		1.91		2.01		1.57		2.62		1.56
Color	UNITS	15	46						13										160						8				
Cyanide	µg/L	100	9.2					<	10									<	10					<	10				
Hexavalent chromium	mg/L	0.05	0.031					<	0.01									<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/L	2	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	1.9	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		1.32	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10	0.2	<	0.2	<	0.2		0.211	<	0.2	<	0.2		0.166		0.0838		0.081		0.086		0.084		0.272		0.102		0.306
Organic Carbon, Total	mg/L	NA	26.1	<	3	<	3	<	3	<	3	<	3		3.6	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/L	0.001	0.0088	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500	582		287		217		270		250		240		240		290		350		280		260		220		280		220
Sulfate	mg/L	250	66		41.6		42.4		35.8		38		46.8		24.2		60.7		50.6		63.8		45		35.6		38		59

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.	Grey Till		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S		MW-18S
			Trigger		Nov-08		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1,1-Trichloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1,2,2-Tetrachloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1,2-Trichloroethane	µg/L	5	1					<	5									<	5					<	5			
1,1-Dichloroethane	µg/L	5	5					<	5									<	5					<	5			
1,1-Dichloroethene	µg/L	5	5					<	5									<	5					<	5			
1,2,3-Trichloropropane	µg/L	5	0.04					<	5									<	5					<	5			
1,2-Dibromo-3-chloropropane	µg/L	5	0.4					<	10									<	10					<	10			
1,2-Dibromoethane	µg/L	5	5					<	5									<	5					<	5			
1,2-Dichlorobenzene	µg/L	4.7	3					<	5									<	5					<	5			
1,2-Dichloroethane	µg/L	5	0.6					<	5									<	5					<	5			
1,2-Dichloropropane	µg/L	5	1					<	5									<	5					<	5			
1,3-Dichlorobenzene	µg/L	5	3					<	5									<	5					<	5			
1,4-Dichlorobenzene	µg/L	4.7	3					<	5									<	5					<	5			
2-Butanone	µg/L	50	NA					<	10									<	10					<	10			
2-Hexanone	µg/L	50	NA					<	10									<	10					<	10			
4-Methyl-2-pentanone	µg/L	NA	NA					<	10									<	10					<	10			
Acetone	µg/L	50	NA					<	10									<	10					<	10			
Acetonitrile	µg/L	NA	5					<	100									<	100					<	100			
Benzene	µg/L	0.7	1					<	5									<	5					<	5			
Bromochloromethane	µg/L	5	5					<	5									<	5					<	5			
Bromodichloromethane	µg/L	50	5					<	5									<	5					<	5			
Bromoform	µg/L	50	NA					<	5									<	5					<	5			
Bromomethane	µg/L	NA	5					<	5									<	5					<	5			
Carbon disulfide	µg/L	NA	NA					<	5									<	5					<	5			
Carbon tetrachloride	µg/L	5	5					<	5									<	5					<	5			
Chlorobenzene	µg/L	5	5					<	5									<	5					<	5			
Chloroethane	µg/L	5	5					<	5									<	5					<	5			
Chloroform	µg/L	7	7					<	5									<	5					<	5			
Chloromethane	µg/L	5	5					<	5									<	5					<	5			
Dibromochloromethane	µg/L	50	NA					<	5									<	5					<	5			
Dibromomethane	µg/L	NA	5					<	5									<	5					<	5			
Ethylbenzene	µg/L	5	5					<	5									<	5					<	5			
Iodomethane	µg/L	5	5					<	5									<	5					<	5			
Methylene chloride	µg/L	5	5					<	5									<	5					<	5			
Styrene	µg/L	5	5					<	5									<	5					<	5			
Tetrachloroethene	µg/L	5	5					<	5									<	5					<	5			
Toluene	µg/L	5	5					<	5									<	5					<	5			
Trichloroethene	µg/L	5	5					<	5									<	5					<	5			
Trichlorofluoromethane	µg/L	5	5					<	5									<	5					<	5			
Vinyl acetate	µg/L	NA	NA					<	50									<	Reject					UJ	50			
Vinyl chloride	µg/L	2	2					<	5									<	5					<	5			
cis-1,2-Dichloroethene	µg/L	5	5					<	5									<	5					<	5			
cis-1,3-Dichloropropene	µg/L	5	0.4					<	5									<	5					<	5			
m,p-Xylene	µg/L	NA	5					<	5									<	10					<	5			
o-Xylene	µg/L	5	5					<	5									<	5					<	5			
trans-1,2-Dichloroethene	µg/L	5	5					<	5									<	5					<	5			
trans-1,3-Dichloropropene	µg/L	5	0.4					<	5									<	50					<	5			
trans-1,4-Dichloro-2-butene	µg/L	5	5					<	10									<	5					<	10			

ENVIRONMENTAL MONITORING
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		Grey Till		MW-32	MW-32	MW-32	MW-32	MW-32	MW-32	MW-32		MW-32		MW - 32		MW - 32		MW-32		MW - 32
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00
Conductivity	umhos/cm	2441		639	950	903	1417	1850	1040	7.7		744		772		1379		977		758
Eh	mV	245		60.1	41.6	145.7	150.4	135.7	98.1	74.2		198		221.5		287.3		79		79.2
Field pH	SU	6.8-8.0	8.5	7.71	7.33	7.53	7.25	7.21	7.41	7.68		7.46		7.45		7.19		7.25		7.45
Temperature	degC			9.5	12	8.2	7.2	9.6		10.7		9.1		9		8.7		10.1		9.8
Turbidity	NTU	26	5	17	11.8	1.15	9.5	2.8	2	5		1.7		2.9		1.2		1		0.75
Water Level	ft			7.79	10.37	9.9	7.2	7.65	13	14.52		12.46		14.22		7.33		13.6		12.65
Bromide	mg/l	1.5																		
Aluminum	ug/l	*38*		U	U	0.189	U	U				75	U	75	U					
Antimony	ug/l	35	3	U	U	U	U	U				50	U	50	U					
Arsenic	ug/l	1	25	U	U	U	U	U				2	U	2	U					
Barium	ug/l	391	1000	146	130	128	208	309				103		112						
Beryllium	ug/l	1		U	U	U	U	U				2	U	2	U					
Cadmium	ug/l	3	10	U	U	U	U	U	U	5	U	5	U	5	U	5	U	5	U	5
Calcium	ug/l	215000		145000	116000	105000	154000	175000	112000	90100		76500		99000		129000		113000		80000
Chromium	ug/l	13	50	U	U	0.011	U	U				10	U	10	U					
Cobalt	ug/l	5		U	U	U	U	U				10	U	10	U					
Copper	ug/l	*9*	200	U	U	U	U	U				17	U	17	U					
Hardness, Total (mg/l CaCO3)	mg/l			650	516	463	679	770	493	398		342		436		562		492		354
Iron	ug/l	11600	300	1210	2300	8680	1990	1100	971	892		697		3870		287		1020		628
Lead	ug/l	6	25	1	3	2	U	4	1	6		1		1	U	1	U	3		10
Magnesium	ug/l	100300	35000	69800	54900	48800	71600	80900	51800	41900		36700		45800		58300		51000		37400
Manganese	ug/l	209	300	91	87	96	155	153	162	130		121		123		179		171		124
Mercury	ug/l	0.7	2	U	U	U	U	U				0.2	U	0.2	U					
Nickel	ug/l	34		U	U	U	0.017	0.024				16		12	U					
Potassium	ug/l	3000		2500	1940	1940	2530	2890	2320	1630		1890		1560		1930		1910		1860
Selenium	ug/l	1	10	U	U	U	U	U				2	U	2	U					
Silver	ug/l	9	50	U	U	U	U	U				10	U	10	U					
Sodium	ug/l	89000	20000	19500	6720	9130	34800	63600	32600	9070		5550		4620		65600		17200		6760
Thallium	ug/l	1	4	U	U	U	U	U				1	U	1	U					
Vanadium	ug/l	9		U	U	U	7	U				10	U	10	U					
Zinc	ug/l	43	300	U	U	30	U	25				20	U	20	U					
Boron	mg/l	24	1000	U	U	U	U	U				48	U	48	U					
Alkalinity, Total (As CaCO3)	mg/lCaCO3	572		436	382	324	448	472	410	322		314		339		436		362		291
Biochemical Oxygen Demand	mg/l	1.5		U	U	U	U	U	U	3	U	3	U	3	U	3	U	3	U	3
Chemical Oxygen Demand	mg/l	26.3		20.2	U	U	U	U	U	5	U	10	U	10	U	10	U	10	U	10
Chloride	mg/l	417.6	250	112	30.4	14.9	162	287	50	12.3		9.18		8.57		145		26		8.68
Color	Units	79	15	30	60	45	30	10				20		25						
Cyanide	mg/l	5	0.1	U	U	U	U	U				0.01	U	0.01	U					
Hexavalent chromium	mg/l	0.005		U	U	U	U	U				0.01	U	0.01	U					
Nitrogen, Ammonia (As N)	mg/l	0.1	2	U	U	U	U	U	0.121	0.207		0.1	U	0.1	U	0.1	U	0.1	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	2.2		U	U	U	1.69	U	U	1.13		1	U	1	U	1	U	1	U	1
Nitrogen, Nitrate (As N)	mg/l	1	10	0.706	0.257	U	U	U	0.064	0.05	U	0.05	U	0.05	U	0.368		0.05	U	0.05
Organic Carbon, Total	mg/l	2.1		0.8	1.4	1.4	1.5	1.4	1.5	1	U	1.1		1.1		1.7		2.6		1.4
Phenolics, Total Recoverable	mg/l	0.001	0.001	U	U	U	U	U	U	0.001	U	0.005	U	0.004	U	0.004	U	0.0189		0.004
Residue, Dissolved (TDS)	mg/l	1414	500	775	538	467	820	1100	647	427		456		445		859		610		427
Sulfate	mg/l	213	250	120	98	100	100	180	130	120		110		99		150		140		104

ENVIRONMENTAL MONITORING
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		Grey Till		MW-32	MW-32	MW-32	MW-32	MW-32	MW-32	MW-32		MW-32		MW - 32		MW - 32		MW-32		MW - 32
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00
1,1,1,2-Tetrachloroethane	ug/l	5	5											5	U					
1,1,1-Trichloroethane	ug/l	5	5											5	U					
1,1,2,2-Tetrachloroethane	ug/l	5	5											5	U					
1,1,2-Trichloroethane	ug/l	1	1											5	U					
1,1-Dichloroethane	ug/l	5	5											5	U					
1,1-Dichloroethene	ug/l	5	5											5	U					
1,2,3-Trichloropropane	ug/l	0.04	0.04											5	U					
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4											5	U					
1,2-Dibromoethane	ug/l	5	5											5	U					
1,2-Dichlorobenzene	ug/l	3	3											2	U					
1,2-Dichloroethane	ug/l	0.6	0.6											5	U					
1,2-Dichloropropane	ug/l	1	1											5	U					
1,3-Dichlorobenzene	ug/l	3																		
1,4-Dichlorobenzene	ug/l	3	3											2	U					
2-Butanone	ug/l	NA																		
2-Hexanone	ug/l	NA												10	U					
4-Methyl-2-pentanone	ug/l	NA																		
Acetone	ug/l	NA			NA	NA	NA	NA	NA	NA		NA		25	U					
Acrylonitrile	ug/l	5	5		NA	NA	NA	NA	NA	NA		NA		20	U					
Benzene	ug/l	1	1		NA	NA	NA	NA	NA	NA		NA		0.7	U					
Bromochloromethane	ug/l	5	5											5	U					
Bromodichloromethane	ug/l	5	5											5	U					
Bromoform	ug/l	NA												5	U					
Bromomethane	ug/l	5	5											5	U					
Carbon disulfide	ug/l	NA												5	U					
Carbon tetrachloride	ug/l	5	5											5	U					
Chlorobenzene	ug/l	5	5											5	U					
Chloroethane	ug/l	5	5											5	U					
Chloroform	ug/l	7	7											5	U					
Chloromethane	ug/l	5	5											5	U					
Dibromochloromethane	ug/l	NA												5	U					
Dibromomethane	ug/l	5	5											5	U					
Ethylbenzene	ug/l	5	5											5	U					
Iodomethane	ug/l	5	5											5	U					
Methylene chloride	ug/l	5	5											5	U					
Styrene	ug/l	5	5											5	U					
Tetrachloroethene	ug/l	5	5											5	U					
Toluene	ug/l	5	5											5	U					
Trichloroethene	ug/l	5	5											5	U					
Trichlorofluoromethane	ug/l	5	5											5	U					
Vinyl acetate	ug/l	NA												5	U					
Vinyl chloride	ug/l	2	2											2	U					
cis-1,2-Dichloroethene	ug/l	5	5											5	U					
cis-1,3-Dichloropropene	ug/l	0.4	0.4											5	U					
m,p-Xylene	ug/l	5	5											5	U					
o-Xylene	ug/l	5	5											5	U					
trans-1,2-Dichloroethene	ug/l	5	5											5	U					
trans-1,3-Dichloropropene	ug/l	0.4	0.4											5	U					
trans-1,4-Dichloro-2-butene	ug/l	5	5											5	U					

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		Grey Till			MW-32		MW-32		MW-32		MW-32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32
Parameter	Units	Trigger	GW Std.	Q	Feb-01	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
Conductivity	umhos/cm	2441			780		1053		754		563		726		790		724		688		892		1023		910		762
Eh	mV	245			24.3		38.9		87		104	-	54		19		55		60	-	30		45		80		90
Field pH	SU	6.8-8.0	8.5		7.48		7.34		8.15		8.92		7.2		6.8		7.13		6.67		7.51		7.61		8.74		7.81
Temperature	degC				7.9		9.1		18		10.7		7.9		9		14		10		5		10		13		8
Turbidity	NTU	26	5		0.4		1.15		2		2		2		2		2		4		7		3		13		4
Water Level	ft				9.78		11.59		13.85		11.43		9.42		9.59		14.31		12.78		13.4		7.18		11.44		11.51
Bromide	mg/l	1.5																		<	0.2		0.2	<	0.2	<	0.2
Aluminum	ug/l	*38*				U	75									<	100									<	100
Antimony	ug/l	35	3			U	50									<	15									<	15
Arsenic	ug/l	1	25			U	2									<	10									<	10
Barium	ug/l	391	1000				128										117										114
Beryllium	ug/l	1				U	2									<	3									<	3
Cadmium	ug/l	3	10	U	5	U	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	215000			83300		118000		87200		85800		106000		113000		111000		118000		107000		130000		120000		102000
Chromium	ug/l	13	50			U	10									<	5									<	5
Cobalt	ug/l	5				U	10									<	20									<	20
Copper	ug/l	*9*	200			U	17										13.8									<	10
Hardness, Total (mg/l CaCO3)	mg/l				367		509		546		380		473		487		470		510		460		550		510		440
Iron	ug/l	11600	300		486		377		2190		387		322		817		845		487		699		677		717		452
Lead	ug/l	6	25	U	1		2	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		63.1
Magnesium	ug/l	100300	35000		38700		52100		41500		40300		50600		49700		47500		51700		47700		54500		50100		45200
Manganese	ug/l	209	300		122		170		166		131		155		136		161		172		156		167		173		
Mercury	ug/l	0.7	2			U	0.2									<	0.20									<	0.2
Nickel	ug/l	34				U	12									<	30									<	30
Potassium	ug/l	3000			1450		1600		1440		1910		1940		1740		1710		1900		1530		2020		1780		2550
Selenium	ug/l	1	10			U	2									<	5									<	5
Silver	ug/l	9	50			UJ	10									<	10									<	10
Sodium	ug/l	89000	20000		5300		21100		9740		6330		28600		24900		11200		12100		10600		17100		12800		12600
Thallium	ug/l	1	4			U	1		0							<	10									<	10
Vanadium	ug/l	9				U	10									<	30									<	30
Zinc	ug/l	43	300			U	20										24.8										44.5
Boron	mg/l	24	1000				66									<	0.5									<	0.5
Alkalinity, Total (As CaCO3)	mg/lCaCO3	572			311		381		340		350		480		370		330		250		300		360		360		300
Biochemical Oxygen Demand	mg/l	1.5		U	3	U	3	<	4		7	<	4	<	4	<	4	<	4	<	4	<	4	<	4		11
Chemical Oxygen Demand	mg/l	26.3		U	10	U	10		28	<	20	<	20	<	20		88	<	20	<	20	<	20		31		26
Chloride	mg/l	417.6	250		13		30		13		22		41		47		17		38		26		36		26		23
Color	Units	79	15				5										21										6
Cyanide	mg/l	5	0.1			U	0.01									<	0.01									<	0.01
Hexavalent chromium	mg/l	0.005				U	0.01									<	0.01									<	0.01
Nitrogen, Ammonia (As N)	mg/l	0.1	2	U	0.1	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		U	1	U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	1	10	U	0.05		0.23	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	2.1			1.5	J	1.3		2	<	3	<	3	<	3	<	3	<	3	<	3	<	3		4		4
Phenolics, Total Recoverable	mg/l	0.001	0.001	U	0.004	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	1414	500		464		658		450		500		690		600		680		600		690		630		740		520
Sulfate	mg/l	213	250		66		134		80		83		180		160		120		150		160		170		190		150

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		Grey Till			MW-32		MW-32		MW-32		MW-32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32		MW - 32
Parameter	Units	Trigger	GW Std.	Q	Feb-01	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
1,1,1,2-Tetrachloroethane	ug/l	5	5			U	5									<	5									<	5
1,1,1-Trichloroethane	ug/l	5	5			U	5									<	5									<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5			U	5									<	5									<	5
1,1,2-Trichloroethane	ug/l	1	1			U	5									<	5									<	5
1,1-Dichloroethane	ug/l	5	5			U	5									<	5									<	5
1,1-Dichloroethene	ug/l	5	5			U	5									<	5									<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04			U	5									<	5									<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4			U	5									<	10									<	10
1,2-Dibromoethane	ug/l	5	5			U	5									<	5									<	5
1,2-Dichlorobenzene	ug/l	3	3			U	2									<	5									<	5
1,2-Dichloroethane	ug/l	0.6	0.6			U	5									<	5									<	5
1,2-Dichloropropane	ug/l	1	1			U	5									<	5									<	5
1,3-Dichlorobenzene	ug/l	3																									
1,4-Dichlorobenzene	ug/l	3	3			U	2									<	5									<	5
2-Butanone	ug/l	NA																								<	10
2-Hexanone	ug/l	NA				U	10									<	10									<	10
4-Methyl-2-pentanone	ug/l	NA																								<	10
Acetone	ug/l	NA				D	25									<	10									<	10
Acrylonitrile	ug/l	5	5			U	20									<	100									<	100
Benzene	ug/l	1	1			U	0.7									<	5									<	5
Bromochloromethane	ug/l	5	5			U	5									<	5									<	5
Bromodichloromethane	ug/l	5	5			U	5									<	5									<	5
Bromoform	ug/l	NA				U	5									<	5									<	5
Bromomethane	ug/l	5	5			U	5									<	5									<	5
Carbon disulfide	ug/l	NA				U	5									<	5									<	5
Carbon tetrachloride	ug/l	5	5			U	5									<	5									<	5
Chlorobenzene	ug/l	5	5			U	5									<	5									<	5
Chloroethane	ug/l	5	5			U	5									<	5									<	5
Chloroform	ug/l	7	7			U	5									<	5									<	5
Chloromethane	ug/l	5	5			U	5									<	5									<	5
Dibromochloromethane	ug/l	NA				U	5									<	5									<	5
Dibromomethane	ug/l	5	5			U	5									<	5									<	5
Ethylbenzene	ug/l	5	5			U	5									<	5									<	5
Iodomethane	ug/l	5	5			U	5									<	5									<	5
Methylene chloride	ug/l	5	5			U	5									<	5										1
Styrene	ug/l	5	5			U	5									<	5									<	5
Tetrachloroethene	ug/l	5	5			U	5									<	5									<	5
Toluene	ug/l	5	5			U	5									<	5									<	5
Trichloroethene	ug/l	5	5			U	5									<	5									<	5
Trichlorofluoromethane	ug/l	5	5			U	5									<	5									<	5
Vinyl acetate	ug/l	NA				U	5									<	50									<	50
Vinyl chloride	ug/l	2	2			U	2									<	5									<	5
cis-1,2-Dichloroethene	ug/l	5	5			U	5									<	5									<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4			U	5									<	5									<	5
m,p-Xylene	ug/l	5	5			U	5									<	5									<	5
o-Xylene	ug/l	5	5			U	5									<	5									<	5
trans-1,2-Dichloroethene	ug/l	5	5			U	5									<	5									<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4			U	5									<	5									<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5			U	5									<	10									<	10

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		Grey Till			MW - 32		MW - 32		MW - 32		MW - 32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32
Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
Conductivity	umhos/cm	2441			770		563		601		712		452		547		769		711		742		704		715		669
Eh	mV	245		-	80								-70		-80		-70		-80		-80		-75		-80		-65
Field pH	SU	6.8-8.0	8.5		7.57		7.32		7.32		7.9		7.27		7.77		8.05		7.66		7.44		8		8.12		8.28
Temperature	degC				6		11		14		9		5		10		17		5.6		1.6		15		18.9		11.1
Turbidity	NTU	26	5		13		16		2		4		2		2		5		6.66		6.21		14.3		2.66		1.68
Water Level	ft				13.85		12.29		14.63		15.3		9.35		14.26		16.25		14.79		13.78		13.87		8.91		13.72
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	*38*			102										380			<	100					<	100		
Antimony	ug/l	35	3	<	15									<	15			<	15					<	15		
Arsenic	ug/l	1	25	<	10									<	10			<	10					<	10		
Barium	ug/l	391	1000		96.7										100				71.9						76.1		
Beryllium	ug/l	1		<	3									<	3			<	3					<	3		
Cadmium	ug/l	3	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	215000			85000		85900		81800		84800		89100		98500		83300		71400		77400		80500		75200		72200
Chromium	ug/l	13	50	<	5									<	5			<	5					<	5		
Cobalt	ug/l	5		<	20									<	20			<	20					<	20		
Copper	ug/l	*9*	200	<	10										12.7			<	10					<	10		
Hardness, Total (mg/l CaCO3)	mg/l				370		380		365		373		390		433		368		319		340		363		337		321
Iron	ug/l	11600	300		291		492		374		1780		1200		1740		574		262		486		886		2050		511
Lead	ug/l	6	25	<	3	<	3		2.2	<	3		3.42	<	3	<	3	<	3	<	25.7	<	3	<	3	<	3
Magnesium	ug/l	100300	35000		39400		39000		39100		39100		40700		45400		38900		34100		35600		39200		36100		34100
Manganese	ug/l	209	300		119		119		123		118		123		126		109		87		88.5		108		90.8		81.7
Mercury	ug/l	0.7	2	<	0.2									<	0.2			<	0.2					<	0.2		
Nickel	ug/l	34		<	30									<	30			<	30					<	30		
Potassium	ug/l	3000			1830		1470		1560		1730		1530		1540		1890		1340		1360		1680		1130		1140
Selenium	ug/l	1	10	<	5									<	5				7.17						6.1		
Silver	ug/l	9	50	<	10									<	10			<	10					<	10		
Sodium	ug/l	89000	20000		7260		6200		5240		5100		5650		7090		5620		5740		7080		7650		5610		7670
Thallium	ug/l	1	4		32.8									<	10			<	10					<	10		
Vanadium	ug/l	9		<	30									<	30			<	30					<	30		
Zinc	ug/l	43	300		29.7										16.8			<	10						23.8		
Boron	mg/l	24	1000	<	0.5									<	500			<	500					<	500		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	572			300		320		290		480		330		300		280		290		240		290		300		280
Biochemical Oxygen Demand	mg/l	1.5			7	<	4		9	<	8	<	4		4	<	4	<	4	<	4		8	<	4		11
Chemical Oxygen Demand	mg/l	26.3		<	20		12	<	20		57		22	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	417.6	250		19		24.7		17.1		25		18.4		16.3		15.7		12.8		16.8		18.2		16.1		15.2
Color	Units	79	15		13										20			<	5						7		
Cyanide	mg/l	5	0.1	<	0.01									<	10			<	10					<	10		
Hexavalent chromium	mg/l	0.005		<	0.01									<	0.01			<	0.01					<	0.01		
Nitrogen, Ammonia (As N)	mg/l	0.1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	1	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.38		0.36	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	2.1		<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		3
Phenolics, Total Recoverable	mg/l	0.001	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.028	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	1414	500		460		490		432		430		510		385		445		380		470		470		490		367
Sulfate	mg/l	213	250		89		24.4		103		181		123		107		123		92.2		94.8		81.5		90.4		62.1

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		Grey Till			MW - 32		MW - 32		MW - 32		MW - 32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32
Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1,1-Trichloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1,2-Trichloroethane	ug/l	1	1	<	5									<	5			<	5					<	5		
1,1-Dichloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1-Dichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5									<	5			<	5					<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10									<	10			<	10					<	10		
1,2-Dibromoethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,2-Dichlorobenzene	ug/l	3	3	<	5									<	5			<	5					<	5		
1,2-Dichloroethane	ug/l	0.6	0.6	<	5									<	5			<	5					<	5		
1,2-Dichloropropane	ug/l	1	1	<	5									<	5			<	5					<	5		
1,3-Dichlorobenzene	ug/l	3												<	5			<	5					<	5		
1,4-Dichlorobenzene	ug/l	3	3	<	5									<	5			<	5					<	5		
2-Butanone	ug/l	NA		<	10									<	10			<	10					<	10		
2-Hexanone	ug/l	NA		<	10									<	10			<	10					<	10		
4-Methyl-2-pentanone	ug/l	NA		<	10									<	10			<	10					<	10		
Acetone	ug/l	NA		<	10									<	10			<	10					<	10		
Acrylonitrile	ug/l	5	5	<	100									<	100			<	100					<	100		
Benzene	ug/l	1	1	<	5									<	5			<	5					<	5		
Bromochloromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Bromodichloromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Bromoform	ug/l	NA		<	5									<	5			<	5					<	5		
Bromomethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Carbon disulfide	ug/l	NA		<	5									<	5			<	5					<	5		
Carbon tetrachloride	ug/l	5	5	<	5									<	5			<	5					<	5		
Chlorobenzene	ug/l	5	5	<	5									<	5			<	5					<	5		
Chloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Chloroform	ug/l	7	7	<	5									<	5			<	5					<	5		
Chloromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Dibromochloromethane	ug/l	NA		<	5									<	5			<	5					<	5		
Dibromomethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Ethylbenzene	ug/l	5	5	<	5									<	5			<	5					<	5		
Iodomethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Methylene chloride	ug/l	5	5	<	5									<	5			<	5					<	5		
Styrene	ug/l	5	5	<	5									<	5			<	5					<	5		
Tetrachloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
Toluene	ug/l	5	5	<	5									<	5			<	5					<	5		
Trichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
Trichlorofluoromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Vinyl acetate	ug/l	NA		<	50									<	50			<	50					<	5		
Vinyl chloride	ug/l	2	2	<	5									<	5			<	5					<	5		
cis-1,2-Dichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5									<	5			<	5					<	5		
m,p-Xylene	ug/l	5	5	<	5									<	5			<	5					<	10		
o-Xylene	ug/l	5	5	<	5									<	5			<	5					<	5		
trans-1,2-Dichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5									<	5			<	5					<	50		
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10									<	10			<	10					<	5		

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		Grey Till			MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32
Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	2441			324		404		320		676		692		675		632		631		601		405		283		1823
Eh	mV	245			-40		-230		-113		-97		-101		-147		-64		-71		-56		179		206		194
Field pH	SU	6.8-8.0	8.5		7.41		8.28		8.23		8.21		8.21		9.2		8.84		8.27		8.01		7.4		6.93		7.04
Temperature	degC				10.9		9.2		16.7		13.3		7.2		11.5		18.5		9.8		5.3		15.8		14.9		9.1
Turbidity	NTU	26	5		1.54		4.19		5.28		14.2		22.7		15.2		16		3.11		4.6		9.48		2.66		3.16
Water Level	ft				14.69		14.29		15.25		13.78		14.58		14.17		16.42		15.24		15.55		14.75		14.98		6.87
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	R<	200	<	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	*38*									118		234									<	100				
Antimony	ug/l	35	3							<	15	<	15									<	30				
Arsenic	ug/l	1	25							<	10	<	10									<	10				
Barium	ug/l	391	1000								88.7	UJ	135										84.2				
Beryllium	ug/l	1								<	3	<	3									<	3				
Cadmium	ug/l	3	10	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	215000			94600		90000		78600		76700		91300		99300		92300		87700		80300		71500		88200		80100
Chromium	ug/l	13	50							<	5		6.23									<	5				
Cobalt	ug/l	5								<	20	<	20									<	20				
Copper	ug/l	*9*	200							<	10		12.4									<	10				
Hardness, Total (mg/l CaCO3)	mg/l				418		396		363		345		401		446000		415000		398000		371000		336000		390000		368000
Iron	ug/l	11600	300		305		515		154		913	J	2500		1290		4460		1240		438		1200		446		420
Lead	ug/l	6	25	<	3		5.38		3.07	<	3	UJ	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	100300	35000		44200		41500		40400		37200	J	42000		48100		44800		43500		41400		38200		41300		40800
Manganese	ug/l	209	300		93.3		98.4		89.5		112	J	120		116		129		105		95.2		92.2		95.3		84
Mercury	ug/l	0.7	2							<	0.2	<	0.2									<	0.2				
Nickel	ug/l	34								<	30	<	30									<	30				
Potassium	ug/l	3000			1600		2290		1010		1370		1670		1490		1530		1100	<	1000		1260		1250	<	5000
Selenium	ug/l	1	10		7170					<	5	UJ	5									<	5				
Silver	ug/l	9	50							<	10	<	10									<	10				
Sodium	ug/l	89000	20000				7760		6040		8030		8490		8810		9490		8660		12800		7600		8220		7970
Thallium	ug/l	1	4							<	10	UJ	10									<	10				
Vanadium	ug/l	9								<	30	<	30									<	30				
Zinc	ug/l	43	300								30.9		60.6									<	10				
Boron	mg/l	24	1000							<	500	<	500									<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	572			250		290		290		360		340		300		260		280		280		270		260		260
Biochemical Oxygen Demand	mg/l	1.5			8		5		8		30		46		8		8	<	4		5		7	<	4	<	4
Chemical Oxygen Demand	mg/l	26.3			292	<	20	<	20		29		29	<	20		34	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	417.6	250		19.9		17.9		22.3		21.4		26.2		34.3		28.2		29.2		26.6		20.7		26.2		22.8
Color	Units	79	15							<	25		25									<	5				
Cyanide	mg/l	5	0.1							<	10	<	10									<	10				
Hexavalent chromium	mg/l	0.005								<	0.01	<	0.02									<	0.01				
Nitrogen, Ammonia (As N)	mg/l	0.1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		<	0.5		5.87	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	1	10	<	0.2	<	0.2	<	0.2		0.541	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	2.1		<	3	<	3	<	3		15.9		6.9	<	3		7		4.8	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.001	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	1414	500		402		335		475		482		488		312		165		412		355		430		490		250
Sulfate	mg/l	213	250		82.7		97.6		112		67.1		54.3		162		69.6		68.3		89		66.2		61.9		80.4

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		Grey Till		MW-32	MW-32	MW-32	MW-32		MW-32	MW-32	MW-32	MW-32	MW-32		MW-32	MW-32	MW-32
Parameter	Units	Trigger	GW Std.	Feb-07	May-07	Aug-07	Nov-07		Feb-08	May-08	Aug-08	Nov-08	Feb-09		May-09	Aug-09	Nov-09
1,1,1,2-Tetrachloroethane	ug/l	5	5				< 5	<	5					<	5		
1,1,1-Trichloroethane	ug/l	5	5				< 5	<	5					<	5		
1,1,2,2-Tetrachloroethane	ug/l	5	5				< 5	<	5					<	5		
1,1,2-Trichloroethane	ug/l	1	1				< 5	<	5					<	5		
1,1-Dichloroethane	ug/l	5	5				< 5	<	5					<	5		
1,1-Dichloroethene	ug/l	5	5				< 5	<	5					<	5		
1,2,3-Trichloropropane	ug/l	0.04	0.04				< 5	<	5					<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4				< 10	<	10					<	10		
1,2-Dibromoethane	ug/l	5	5				< 5	<	5					<	5		
1,2-Dichlorobenzene	ug/l	3	3				< 5	<	5					<	5		
1,2-Dichloroethane	ug/l	0.6	0.6				< 5	<	5					<	5		
1,2-Dichloropropane	ug/l	1	1				< 5	<	5					<	5		
1,3-Dichlorobenzene	ug/l	3					< 5	<	5					<	5		
1,4-Dichlorobenzene	ug/l	3	3				< 5	<	5					<	5		
2-Butanone	ug/l	NA					< 10	<	10					<	10		
2-Hexanone	ug/l	NA					< 10	<	10					<	10		
4-Methyl-2-pentanone	ug/l	NA					< 10	<	10					<	10		
Acetone	ug/l	NA					< 10	<	10					<	10		
Acrylonitrile	ug/l	5	5				< 100	<	100					<	100		
Benzene	ug/l	1	1				< 5	<	5					<	5		
Bromochloromethane	ug/l	5	5				< 5	<	5					<	5		
Bromodichloromethane	ug/l	5	5				< 5	<	5					<	5		
Bromoform	ug/l	NA					< 5	<	5					<	5		
Bromomethane	ug/l	5	5				< 5	<	5					<	5		
Carbon disulfide	ug/l	NA					< 5	<	5					<	5		
Carbon tetrachloride	ug/l	5	5				< 5	<	5					<	5		
Chlorobenzene	ug/l	5	5				< 5	<	5					<	5		
Chloroethane	ug/l	5	5				< 5	<	5					<	5		
Chloroform	ug/l	7	7				< 5	<	5					<	5		
Chloromethane	ug/l	5	5				< 5	<	5					<	5		
Dibromochloromethane	ug/l	NA					< 5	<	5					<	5		
Dibromomethane	ug/l	5	5				< 5	<	5					<	5		
Ethylbenzene	ug/l	5	5				< 5	<	5					<	5		
Iodomethane	ug/l	5	5				< 5	<	5					<	5		
Methylene chloride	ug/l	5	5				< 5	<	5					<	5		
Styrene	ug/l	5	5				< 5	<	5					<	5		
Tetrachloroethene	ug/l	5	5				< 5	<	5					<	5		
Toluene	ug/l	5	5				< 5	<	5					<	5		
Trichloroethene	ug/l	5	5				< 5	<	5					<	5		
Trichlorofluoromethane	ug/l	5	5				< 5	<	5					<	5		
Vinyl acetate	ug/l	NA					< 50	<	50					<	50		
Vinyl chloride	ug/l	2	2				< 5	<	5					<	5		
cis-1,2-Dichloroethene	ug/l	5	5				< 5	<	5					<	5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	<	5					<	5		
m,p-Xylene	ug/l	5	5				< 5	<	5					<	5		
o-Xylene	ug/l	5	5				< 5	<	5					<	5		
trans-1,2-Dichloroethene	ug/l	5	5				< 5	<	5					<	5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	<	5					<	5		
trans-1,4-Dichloro-2-butene	ug/l	5	5				< 10	<	10					<	10		

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		Grey Till			MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	2441			1526		334		196		569		672		632		743		765
Eh	mV	245			210		276		229		-111		-114		-129		-145		-23
Field pH	SU	6.8-8.0	8.5		6.48		7.22		7.73		8.09		8.19		7.51		7.59		7.7
Temperature	degC				9.7		13.8		19.5		11.8		4.8		23.1		23.1		14.6
Turbidity	NTU	26	5		2.14		3.12		3.01		3.46		4.95		7.48		12.4		3.86
Water Level	ft				14.95		5.14		14.8		13.26		13.82		13.3		15.29		NA
Bromide	mg/l	1.5		<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	0.8	<	0.8	<	0.8
Aluminum	ug/l	*38*						<	100					<	100				
Antimony	ug/l	35	3					<	5 uj					<	5				
Arsenic	ug/l	1	25					<	5					<	5				
Barium	ug/l	391	1000						83.6						122				
Beryllium	ug/l	1						<	3					<	3				
Cadmium	ug/l	3	10	<	5	<	5	<	5					<	5	<	5	<	5
Calcium	ug/l	215000			78000		87300		88000	<	5	<	5		117000		97400		91300
Chromium	ug/l	13	50					<	10		42700		114000	<	10				
Cobalt	ug/l	5						<	20					<	20				
Copper	ug/l	*9*	200					<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l				357000		391000		393000		188000		511000		529000		435000		418000
Iron	ug/l	11600	300		157		198		197		118		230	J	299		458		1170
Lead	ug/l	6	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	100300	35000		39400		42000		42000		19600		54900		57900		46600		46200
Manganese	ug/l	209	300		80.4		86.5		84.8	<	10		115	J	150		110		112
Mercury	ug/l	0.7	2					<	0.2					<	0.2				
Nickel	ug/l	34						<	30					<	30				
Potassium	ug/l	3000		<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	ug/l	1	10					<	3					<	3				
Silver	ug/l	9	50					<	10					<	10				
Sodium	ug/l	89000	20000		7620		12700		9110		11400		14600		15700		14300		12800
Thallium	ug/l	1	4					<	3					UJ	3				
Vanadium	ug/l	9						<	30					<	30				
Zinc	ug/l	43	300					<	10					<	10				
Boron	mg/l	24	1000					<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	572			260		290		270		310		310	J	400		320		310
Biochemical Oxygen Demand	mg/l	1.5			5		10		6	<	4		5		10	<	4	<	4
Chemical Oxygen Demand	mg/l	26.3		<	20	<	20	<	20	<	20	<	20		27		32	<	20
Chloride	mg/l	417.6	250		18		22.5		32.9		31.4		28.8		27.9		28.2		26
Color	Units	79	15						7						6				
Cyanide	mg/l	5	0.1					<	10					<	10				
Hexavalent chromium	mg/l	0.005						<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	0.1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	2.2		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	1	10	<	0.05		0.0645	<	0.05		0.123	<	0.05	J	0.09	<	0.05		0.063
Organic Carbon, Total	mg/l	2.1			4.3	<	3	<	3	<	3	<	3		7.6	<	3		3.1
Phenolics, Total Recoverable	mg/l	0.001	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	J	0.016	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	1414	500		360		420		600		380		500		620		430		460
Sulfate	mg/l	213	250		58.1		69.4		84.4		107		87.6		87.4		65.2		77.6

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		Grey Till			MW-32		MW-32		MW-32		MW-32		MW-32		MW-32		MW-32
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5					<	5					<	5				
1,1,1-Trichloroethane	ug/l	5	5					<	5					<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5					<	5					<	5				
1,1,2-Trichloroethane	ug/l	1	1					<	5					<	5				
1,1-Dichloroethane	ug/l	5	5					<	5					<	5				
1,1-Dichloroethene	ug/l	5	5					<	5					<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04					<	5					<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4					<	10					<	10				
1,2-Dibromoethane	ug/l	5	5					<	5					<	5				
1,2-Dichlorobenzene	ug/l	3	3					<	5					<	5				
1,2-Dichloroethane	ug/l	0.6	0.6					<	5					<	5				
1,2-Dichloropropane	ug/l	1	1					<	5					<	5				
1,3-Dichlorobenzene	ug/l	3						<	5					<	5				
1,4-Dichlorobenzene	ug/l	3	3					<	5					<	5				
2-Butanone	ug/l	NA						<	10					<	10				
2-Hexanone	ug/l	NA						<	10					<	10				
4-Methyl-2-pentanone	ug/l	NA						<	10					<	10				
Acetone	ug/l	NA						<	10					<	10				
Acrylonitrile	ug/l	5	5					<	100					<	100				
Benzene	ug/l	1	1					<	5					<	5				
Bromochloromethane	ug/l	5	5					<	5					<	5				
Bromodichloromethane	ug/l	5	5					<	5					<	5				
Bromoform	ug/l	NA						<	5					<	5				
Bromomethane	ug/l	5	5					<	5					<	5				
Carbon disulfide	ug/l	NA						<	5					<	5				
Carbon tetrachloride	ug/l	5	5					<	5					<	5				
Chlorobenzene	ug/l	5	5					<	5					<	5				
Chloroethane	ug/l	5	5					<	5					<	5				
Chloroform	ug/l	7	7					<	5					<	5				
Chloromethane	ug/l	5	5					<	5					<	5				
Dibromochloromethane	ug/l	NA						<	5					<	5				
Dibromomethane	ug/l	5	5					<	5					<	5				
Ethylbenzene	ug/l	5	5					<	5					<	5				
Iodomethane	ug/l	5	5					<	5					<	5				
Methylene chloride	ug/l	5	5					<	5					<	5				
Styrene	ug/l	5	5					<	5					<	5				
Tetrachloroethene	ug/l	5	5					<	5					<	5				
Toluene	ug/l	5	5					<	5					<	5				
Trichloroethene	ug/l	5	5					<	5					<	5				
Trichlorofluoromethane	ug/l	5	5					<	5					<	5				
Vinyl acetate	ug/l	NA						<	5					UJ	50				
Vinyl chloride	ug/l	2	2					<	5					<	5				
cis-1,2-Dichloroethene	ug/l	5	5					<	5					<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4					<	5					<	5				
m,p-Xylene	ug/l	5	5					<	10					<	5				
o-Xylene	ug/l	5	5					<	5					<	5				
trans-1,2-Dichloroethene	ug/l	5	5					<	5					<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4					<	50					<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5					<	5					<	10				

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		Grey Till		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33
Parameter	Units	Trigger	GW Std.	Aug-00	Q	Nov-00	Q	Feb-01	Q	May-01		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
Conductivity	umhos/cm	1153		629		663		592		577		170		528		862		847		813		821		882		909
Eh	mV	426		193.4		135.2		45.8		84.1		-65		-60		-80		-80		-80		-70		-65		-85
Field pH	SU	5.0 - 10.4	8.5	7.76		7.47		7.4		7.87		7.54		7.92		7.81		7.82		7.58		7.93		8.14		8.26
Temperature	degC	NA		13.8		10.3		7.1		8.2		4		10		17		4.9		3.8		14.1		17.2		11.9
Turbidity	NTU	15	5	2		2.5		0.7		0.9		12		2		5		2.84		4.99		18.7		5.7		10.1
Water Level	ft	NA		5.95		4.55		4.09		4.41		3.9		4.99		6.91		4.98		4.24		5.06		5.98		4.5
Bromide	mg/l	1.5									<	0.2	<	0.2		0.7	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502		75	U	75	U	75	U	75				164				354						195		
Antimony	ug/l	38	3	50	U	50	U	50	U	50			<	15			<	15					<	15		
Arsenic	ug/l	6	25	3		2	UJ	2	U	2			<	10			<	10					<	10		
Barium	ug/l	229	1000	163		172		70		50				63.1				123						136		
Beryllium	ug/l	3		2	U	2	U	2	U	2			<	3			<	3					<	3		
Cadmium	ug/l	6	10	5	U	5	J	7	U	5	<	5	<	5		6.91	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000		79600		76600		74500		70100		49300		108000		98700		95500		80800		99700		88200		137000
Chromium	ug/l	51	50	10	U	10	J	12	U	10				5.38			<	5					<	5		
Cobalt	ug/l	18		10	U	10	U	10	U	10			<	20			<	20					<	20		
Copper	ug/l	*28*	200	17	U	17	U	17	U	17			<	10			<	10					<	10		
Hardness, Total (mg/l CaCO3)	mg/l	NA		338		334		307		287		183		440		445		429		351		441		398		546
Iron	ug/l	900	300	1470		373		94		216		3060		567		850		1820		2630		1060		817		1040
Lead	ug/l	4	25	40		3	U	1		6		6.4	<	3		8.13	<	3	<	17.5	<	3	<	3	<	3
Magnesium	ug/l	58600	35000	33800		34700		29300		27300		20600		41200		48100		46400		36200		46700		43200		49500
Manganese	ug/l	88	300	116		56		82		96		63.3		84.4		174		74.7		76		83.8		138		39.7
Mercury	ug/l	7	2	0.2	U	0.2	U	0.2	U	0.2			<	0.2			<	0.2					<	0.2		
Nickel	ug/l	50		12	U	12	U	12	U	12			<	30			<	30					<	30		
Potassium	ug/l	8000		2980		2410		1530		1240		2590		1870		2630		1530		1220		2050		1450		1930
Selenium	ug/l	4	10	2	U	2	U	2	U	2			<	5			<	5						12.4		
Silver	ug/l	39	50	10	U	10	UJ	10	U	10			<	10			<	10					<	10		
Sodium	ug/l	39000	20000	3340		3790		2530		2750		4650		6400		4880		4200		4880		5260		4320		5720
Thallium	ug/l	12	4	1	U	1	U	1	U	1			<	10			<	10					<	10		
Vanadium	ug/l	24		10	U	10	U	10	U	10			<	30			<	30					<	30		
Zinc	ug/l	56	300	20	U	23	U	20	U	20				28.4			<	10						25.8		
Boron	mg/l	131	1000	68		48	U	48		50			<	500			<	500					<	500		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		331		329		322		1470		280		330		400		330		260		320		370		300
Biochemical Oxygen Demand	mg/l	19.8		3	U	3	U	3	U	3		5		4		5		7	<	4	<	4	<	4		9
Chemical Oxygen Demand	mg/l	48.5		11.4		10	U	10	U	10		28	<	20	<	20	<	20	<	20	<	20		27		26
Chloride	mg/l	3.9	250	1	U	1.3	U	1	U	1		15.1		22.5		45.2		56.2		27.4		46.1		67.1		32.6
Color	Units	46	15	25		5	U	5		10				10			<	5						7		
Cyanide	mg/l	9.2	0.1	0.01	U	0.01		0.0106	U	0.01			<	10			<	10					<	10		
Hexavalent chromium	mg/l	0.031		0.01	U	0.01	U	0.01	U	0.002			<	0.01			<	0.01					<	0.01		
Nitrogen, Ammonia (As N)	mg/l	1	2	0.1	U	0.1	U	0.1	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		1	U	1		1.53	U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	0.05	U	0.05		0.111	U	0.1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		2		3.5	J	1.6	J	2.2		5	<	3	<	3	<	3	<	3	<	3	<	3		6
Phenolics, Total Recoverable	mg/l	0.0088	0.001	0.004	U	0.004	J	0.004	U	0.004	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.008	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500	343		360		304		344		190		442		430		498		612		787		540		702
Sulfate	mg/l	66	250	24		31		18		15.9		46.7		53.1		41.8		44.2		197		107		34.4		154

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Parameter	Units	Trigger	GW Std.	Aug-00	Q	Nov-00	Q	Feb-01	Q	May-01		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
1,1,1,2-Tetrachloroethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,1,1-Trichloroethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,1,2,2-Tetrachloroethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,1,2-Trichloroethane	ug/l	1	1	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,1-Dichloroethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,1-Dichloroethene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,2,3-Trichloropropane	ug/l	0.04	0.04	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	5	U	5	U	5	U	5			<	10			<	10					<	10		
1,2-Dibromoethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,2-Dichlorobenzene	ug/l	3	3	2	U	2	U	2	U	2			<	5			<	5					<	5		
1,2-Dichloroethane	ug/l	0.6	0.6	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,2-Dichloropropane	ug/l	1	1	5	U	5	U	5	U	5			<	5			<	5					<	5		
1,3-Dichlorobenzene	ug/l	3											<	5			<	5					<	5		
1,4-Dichlorobenzene	ug/l	3	3	2	U	2	U	2	U	2			<	5			<	5					<	5		
2-Butanone	ug/l	NA											<	10			<	10					<	10		
2-Hexanone	ug/l	NA		10	U	10	U	10	U	10			<	10			<	10					<	10		
4-Methyl-2-pentanone	ug/l	NA											<	10			<	10					<	10		
Acetone	ug/l	NA		25	U	25	U	25	D	25			<	10			<	10					<	10		
Acrylonitrile	ug/l	5	5	20	U	20	U	20	U	20			<	100			<	100					<	100		
Benzene	ug/l	1	1	0.7	U	0.7	U	0.7	U	0.7			<	5			<	5					<	5		
Bromochloromethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Bromodichloromethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Bromoform	ug/l	NA		5	U	5	U	5	U	5			<	5			<	5					<	5		
Bromomethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Carbon disulfide	ug/l	NA		5	U	5	U	5	U	5			<	5			<	5					<	5		
Carbon tetrachloride	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Chlorobenzene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Chloroethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Chloroform	ug/l	7	7	5	U	5	U	5	U	5			<	5			<	5					<	5		
Chloromethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Dibromochloromethane	ug/l	NA		5	U	5	U	5	U	5			<	5			<	5					<	5		
Dibromomethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Ethylbenzene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Iodomethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Methylene chloride	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Styrene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Tetrachloroethene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Toluene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Trichloroethene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Trichlorofluoromethane	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
Vinyl acetate	ug/l	NA		5	U	10	U	5	U	5			<	50			<	50					<	5		
Vinyl chloride	ug/l	2	2	2	U	2	U	2	U	2			<	5			<	5					<	5		
cis-1,2-Dichloroethene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4	5	U	5	U	5	U	5			<	5			<	5					<	5		
m,p-Xylene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	10		
o-Xylene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
trans-1,2-Dichloroethene	ug/l	5	5	5	U	5	U	5	U	5			<	5			<	5					<	5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4	5	U	5	U	5	U	5			<	5			<	5					<	50		
trans-1,4-Dichloro-2-butene	ug/l	5	5	5	U	5	U	5	U	5			<	10			<	10					<	5		

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		Grey Till			MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33
Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	1153			429		263		607		799		1012		873		723		668		425		364		279		1284
Eh	mV	426			-37		-124		-122		-116		-108		-177		-53		-61		-50		192		214		167
Field pH	SU	5.0 - 10.4	8.5		7.65		8.26		8.87		8.54		8.81		9.79		8.59		8.07		7.91		7.12		6.81		7.57
Temperature	degC	NA			12.1		9.4		17.1		12.9		5.2		9.8		18.5		9.4		5.2		14.1		15.8		11.7
Turbidity	NTU	15	5		2.26		7.07		7.83		2.98		21.3		5.46		10		10.9		8.61		3.01		9.84		17.1
Water Level	ft	NA			5.43		5.4		6.09		5.76		8		8.34		6.41		5.37		5.29		5.35		5.84		5.47
Bromide	mg/l	1.5		<	0.2	<	2		0.27	<	0.2	R<	200	<	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502									101		424										1220				
Antimony	ug/l	38	3							<	15	<	15									<	30				
Arsenic	ug/l	6	25							<	10	<	10									<	10				
Barium	ug/l	229	1000								95.7		91.4										50.7				
Beryllium	ug/l	3								<	3	UJ	3									<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			115000		102000		79500		101000		120000		151000		110000		112000		73100		98200		127000		107000
Chromium	ug/l	51	50							<	5		10.6									<	5				
Cobalt	ug/l	18								<	20	<	20									<	20				
Copper	ug/l	*28*	200							<	10	<	10									<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			487		419		358		447		506		603000		490000		499000		311000		366000		505000		422000
Iron	ug/l	900	300		155		1160		194		472	J	1620		7430		952		1600		1090		1730		1470		1270
Lead	ug/l	4	25	<	3		24.5		4.06	<	3	UJ	3		9.53	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		48700		39700		38800		47400	J	50000		55100		52200		53400		31200		29400		45500		37900
Manganese	ug/l	88	300		43		122		156		67.2	J	81		294		142		149		61		39.8		212		110
Mercury	ug/l	7	2							<	0.2	<	0.2									<	0.2				
Nickel	ug/l	50								<	30	<	30									<	30				
Potassium	ug/l	8000			1630		1470		1210		1630		1480		1950		1690		1410		1570		2230		3250	<	5000
Selenium	ug/l	4	10							<	5	UJ	5									<	5				
Silver	ug/l	39	50							<	10	<	10									<	10				
Sodium	ug/l	39000	20000		5530		6170		4080		5560		6350		6550		5500		6520		4160		4740		5900		6930
Thallium	ug/l	12	4							<	10	UJ	10									<	10				
Vanadium	ug/l	24								<	30	<	30									<	30				
Zinc	ug/l	56	300								15.4		41.2									<	10				
Boron	mg/l	131	1000							<	500	<	500									<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			340		300		370		370		430		330		370		380		170		190		340		70
Biochemical Oxygen Demand	mg/l	19.8			8	<	4		6	<	4		34	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5			219	<	20	<	20	<	20		67	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		43.4		28.7		36.3		29.5		36.8		19.7		23.7		22.6		9.53		4.61		22		15.2
Color	Units	46	15							<	5		25										5				
Cyanide	mg/l	9.2	0.1							<	10	UJ	10									<	10				
Hexavalent chromium	mg/l	0.031								<	0.01	<	0.01									<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.971
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		1.02
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2		0.321	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.62	<	0.2	<	0.2		2.94
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3	<	3		6.2	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		472		608		745		620		570		753		500		472		232		450		610		300
Sulfate	mg/l	66	250		52.6		209		67.5		59.4		53.7		255		71.6		84.2		94		153		90.9		116

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till		MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33	MW-33
Parameter	Units	Trigger	GW Std.	Feb-07	May-07	Aug-07	Nov-07	Feb-08	May-08	Aug-08	Nov-08	Feb-09	May-09	Aug-09	Nov-09
1,1,1,2-Tetrachloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1,1-Trichloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1,2,2-Tetrachloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1,2-Trichloroethane	ug/l	1	1				< 5	< 5					< 5		
1,1-Dichloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		
1,2,3-Trichloropropane	ug/l	0.04	0.04				< 5	< 5					< 5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4				< 10	< 10					< 10		
1,2-Dibromoethane	ug/l	5	5				< 5	< 5					< 5		
1,2-Dichlorobenzene	ug/l	3	3				< 5	< 5					< 5		
1,2-Dichloroethane	ug/l	0.6	0.6				< 5	< 5					< 5		
1,2-Dichloropropane	ug/l	1	1				< 5	< 5					< 5		
1,3-Dichlorobenzene	ug/l	3					< 5	< 5					< 5		
1,4-Dichlorobenzene	ug/l	3	3				< 5	< 5					< 5		
2-Butanone	ug/l	NA					< 10	< 10					< 10		
2-Hexanone	ug/l	NA					< 10	< 10					< 10		
4-Methyl-2-pentanone	ug/l	NA					< 10	< 10					< 10		
Acetone	ug/l	NA					< 10	< 10					< 10		
Acrylonitrile	ug/l	5	5				< 100	< 100					< 100		
Benzene	ug/l	1	1				< 5	< 5					< 5		
Bromochloromethane	ug/l	5	5				< 5	< 5					< 5		
Bromodichloromethane	ug/l	5	5				< 5	< 5					< 5		
Bromoform	ug/l	NA					< 5	< 5					< 5		
Bromomethane	ug/l	5	5				< 5	< 5					< 5		
Carbon disulfide	ug/l	NA					< 5	< 5					< 5		
Carbon tetrachloride	ug/l	5	5				< 5	< 5					< 5		
Chlorobenzene	ug/l	5	5				< 5	< 5					< 5		
Chloroethane	ug/l	5	5				< 5	< 5					< 5		
Chloroform	ug/l	7	7				< 5	< 5					< 5		
Chloromethane	ug/l	5	5				< 5	< 5					< 5		
Dibromochloromethane	ug/l	NA					< 5	< 5					< 5		
Dibromomethane	ug/l	5	5				< 5	< 5					< 5		
Ethylbenzene	ug/l	5	5				< 5	< 5					< 5		
Iodomethane	ug/l	5	5				< 5	< 5					< 5		
Methylene chloride	ug/l	5	5				< 5	< 5					< 5		
Styrene	ug/l	5	5				< 5	< 5					< 5		
Tetrachloroethene	ug/l	5	5				< 5	< 5					< 5		
Toluene	ug/l	5	5				< 5	< 5					< 5		
Trichloroethene	ug/l	5	5				< 5	< 5					< 5		
Trichlorofluoromethane	ug/l	5	5				< 5	< 5					< 5		
Vinyl acetate	ug/l	NA					< 50	< 50					< 50		
Vinyl chloride	ug/l	2	2				< 5	< 5					< 5		
cis-1,2-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5					< 5		
m,p-Xylene	ug/l	5	5				< 5	< 5					< 5		
o-Xylene	ug/l	5	5				< 5	< 5					< 5		
trans-1,2-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5					< 5		
trans-1,4-Dichloro-2-butene	ug/l	5	5				< 10	< 10					< 10		

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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		Grey Till			MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33
Parameter	Units	Trigger	GW Std.		Feb-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1153			1441		590		708		789		1323		1189		914
Eh	mV	426			212		179		-132		131		-209		-197		-48
Field pH	SU	5.0 - 10.4	8.5		6.89		7.54		7.88		8.12		7.93		7.38		7.53
Temperature	degC	NA			6.9		20		12.5		7.3		21.3		20.2		11.2
Turbidity	NTU	15	5		10.1		10.3		5.49		6.11		1.14		1.68		8.28
Water Level	ft	NA			5.38		6.39		4.72		4.31		4.87		6.7		5.16
Bromide	mg/l	1.5		<	0.4	<	1.6	<	1.6	<	8	UJ	8	<	8	<	8
Aluminum	ug/l	502					567						247				
Antimony	ug/l	38	3			<	5j					<	5				
Arsenic	ug/l	6	25			<	5					<	5				
Barium	ug/l	229	1000				50.2						100				
Beryllium	ug/l	3				<	3					<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			88700		80100		90800		166000		184000		160000		138000
Chromium	ug/l	51	50			<	10					<	10				
Cobalt	ug/l	18				<	20					<	20				
Copper	ug/l	*28*	200			<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			358000		325000		410000		622000		662000		588000		574000
Iron	ug/l	900	300		389		1770		374		4000	J	3170		2640		5090
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		33200		30300		44400		50500		49200		45900		55600
Manganese	ug/l	88	300		97.6		68.3		96.1		1500	J	1390		793		354
Mercury	ug/l	7	2			<	0.2					<	0.2				
Nickel	ug/l	50				<	30					<	30				
Potassium	ug/l	8000		<	5000	<	5000	<	5000		12200		8150		6520	<	5000
Selenium	ug/l	4	10			<	3					<	3				
Silver	ug/l	39	50			<	Reject					<	10				
Sodium	ug/l	39000	20000		5000		5440		10800		37600		40500		30000		18900
Thallium	ug/l	12	4			<	3					<	3				
Vanadium	ug/l	24				<	30					<	30				
Zinc	ug/l	56	300				18.2					<	10				
Boron	mg/l	131	1000			<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			250		220		310		400	J	340		390		440
Biochemical Oxygen Demand	mg/l	19.8			4		41		11		43		11	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20		44	<	20		89	<	20	<	20		25
Chloride	mg/l	3.9	250		9.63		14		14.8		140		68.6		27.2		19.5
Color	Units	46	15				200						250				
Cyanide	mg/l	9.2	0.1			<	10					<	10				
Hexavalent chromium	mg/l	0.031				<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5		1.67	UJ	0.5		0.605	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5		0.57		3.92		1.28	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.145		0.076		0.076		0.054	J	0.05		0.087		0.051
Organic Carbon, Total	mg/l	26.1			4.6		11.6	<	3		40.7		14.5	<	3		4
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005		0.01	<	0.05		0.014	J	0.084	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		420		490		460		1100		1100		850		450
Sulfate	mg/l	66	250		58.8		83.3		171		211		381		229		94

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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		Grey Till			MW-33		MW-33		MW-33		MW-33		MW-33		MW-33		MW-33
Parameter	Units	Trigger	GW Std.		Feb-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5			<	5uj					<	5				
1,1,1-Trichloroethane	ug/l	5	5			<	5uj					<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5			<	5uj					<	5				
1,1,2-Trichloroethane	ug/l	1	1			<	5uj					<	5				
1,1-Dichloroethane	ug/l	5	5			<	5uj					<	5				
1,1-Dichloroethene	ug/l	5	5			<	5uj					<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04			<	5uj					<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4			<	10uj					<	10				
1,2-Dibromoethane	ug/l	5	5			<	5uj					<	5				
1,2-Dichlorobenzene	ug/l	3	3			<	5uj					<	5				
1,2-Dichloroethane	ug/l	0.6	0.6			<	5uj					<	5				
1,2-Dichloropropane	ug/l	1	1			<	5uj					<	5				
1,3-Dichlorobenzene	ug/l	3				<	5uj					<	5				
1,4-Dichlorobenzene	ug/l	3	3			<	5uj					<	5				
2-Butanone	ug/l	NA				<	10uj					<	10				
2-Hexanone	ug/l	NA				<	10uj					<	10				
4-Methyl-2-pentanone	ug/l	NA				<	10uj					<	10				
Acetone	ug/l	NA				<	10uj					<	10				
Acrylonitrile	ug/l	5	5			<	100uj					<	100				
Benzene	ug/l	1	1			<	5uj					<	5				
Bromochloromethane	ug/l	5	5			<	5uj					<	5				
Bromodichloromethane	ug/l	5	5			<	5uj					<	5				
Bromoform	ug/l	NA				<	5uj					<	5				
Bromomethane	ug/l	5	5			<	5uj					<	5				
Carbon disulfide	ug/l	NA					5uj					<	5				
Carbon tetrachloride	ug/l	5	5			<	5uj					<	5				
Chlorobenzene	ug/l	5	5			<	5uj					<	5				
Chloroethane	ug/l	5	5			<	5uj					<	5				
Chloroform	ug/l	7	7			<	5uj					<	5				
Chloromethane	ug/l	5	5			<	5uj					<	5				
Dibromochloromethane	ug/l	NA				<	5uj					<	5				
Dibromomethane	ug/l	5	5			<	5uj					<	5				
Ethylbenzene	ug/l	5	5			<	5uj					<	5				
Iodomethane	ug/l	5	5			<	5uj					<	5				
Methylene chloride	ug/l	5	5			<	5uj					<	5				
Styrene	ug/l	5	5			<	5uj					<	5				
Tetrachloroethene	ug/l	5	5			<	5uj					<	5				
Toluene	ug/l	5	5			<	5uj					<	5				
Trichloroethene	ug/l	5	5			<	5uj					<	5				
Trichlorofluoromethane	ug/l	5	5			<	5uj					<	5				
Vinyl acetate	ug/l	NA				<	Reject					UJ	50				
Vinyl chloride	ug/l	2	2			<	5uj					<	5				
cis-1,2-Dichloroethene	ug/l	5	5			<	5uj					<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4			<	5uj					<	5				
m,p-Xylene	ug/l	5	5			<	10uj					<	5				
o-Xylene	ug/l	5	5			<	5uj					<	5				
trans-1,2-Dichloroethene	ug/l	5	5			<	5uj					<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4			<	50uj					<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5			<	5uj					<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till		MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00
Conductivity	umhos/cm	1153		612	735	765	786	789	785	790		786		759		729		6.83		640
Eh	mV	426		6.8	154.5	149.8	139	146.5	153.1	212.5		226.6		254.3		361.2		213.1		-10.5
Field pH	SU	5.0 - 10.4	8.5	7.04	7.62	7.63	7.8	7.52	7.63	7.44		7.4		7.52		7.52		7.51		7.66
Temperature	degC	NA		10	9.9	8.6	6.9	8.8		10.05		10.1		7.5		8.1		10.9		9.4
Turbidity	NTU	15	5	17	4.85	2.1	1.75	2.5	36	4.6		6.5		8.75		1		1		4
Water Level	ft	NA		7.11	9	7	5.97	5.9	10.92	11.85		9.28		9.64		8		9.95		7.69
Bromide	mg/l	1.5																		
Aluminum	ug/l	502		U	85	233	U	U				75	U	146						
Antimony	ug/l	38	3	U	U	U	U	U				50	U	50	U					
Arsenic	ug/l	6	25	U	U	2	U	U				2		2	U					
Barium	ug/l	229	1000	155	154	173	154	151				163		173						
Beryllium	ug/l	3		U	U	U	U	U				2	U	2	U					
Cadmium	ug/l	6	10	U	U	U	U	U	U	5	U	5	U	5	U	5	U	5	U	5
Calcium	ug/l	128000		81400	86700	91000	88900	87600	99100	91800		84900		99200		87600		83600		66700
Chromium	ug/l	51	50	11	U	13	U	U				10	U	17						
Cobalt	ug/l	18		U	U	U	U	U				10	U	10	U					
Copper	ug/l	28	200	U	U	U	U	U				17	U	17	U					
Hardness, Total (mg/l CaCO3)	mg/l	NA		376	391	408	401	394	446	413		384		445		390		356		290
Iron	ug/l	*900*	300	522	626	526	389	462	1730	537		405		902		278		885		291
Lead	ug/l	4	25	3	4	U	U	U	2	2		1		230		1	U	3		5
Magnesium	ug/l	*58600*	35000	42000	42400	44000	43500	42500	48300	44600		41700		47800		41500		35800		30000
Manganese	ug/l	*88*	300	40	44	54	44	45	69	45		62		53		70		72		45
Mercury	ug/l	7	2	U	U	U	U	U				0.2	U	0.2	U					
Nickel	ug/l	50		U	U	U	U	U				12	U	12	U					
Potassium	ug/l	8000		2360	1930	2070	1760	1640	2220	2110		2700		2230		2380		4060		4740
Selenium	ug/l	4	10	U	U	U	U	U				2	U	2	U					
Silver	ug/l	39	50	U	U	U	U	U				10	U	10	U					
Sodium	ug/l	39000	20000	7050	5900	6380	6270	5900	6740	7640		7280		6180		6450		6090		5780
Thallium	ug/l	12	4	U	U	U	U	U				1	U	1	U					
Vanadium	ug/l	24		U	U	U	U	U				10	U	10	U					
Zinc	ug/l	56	300	U	U	24	U	U				20	U	20	U					
Boron	mg/l	131	1000	20	U	U	U	U				48	U	48	U					
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		357	358	378	379	356	430	421		416		411		408		338		339
Biochemical Oxygen Demand	mg/l	19.8		4	U	U	U	U	U	3	U	3	U	3	U	3	U	3	U	21
Chemical Oxygen Demand	mg/l	48.5		25.2	U	U	U	U	U	5	U	10	U	10	U	10	U	10	U	47
Chloride	mg/l	3.9	250	U	1.26	3.09	2.56	1.45	2.91	3.3		8.6		3.88		4.14		3.9		4.5
Color	Units	46	15	20	20	20	U	5				20		20						
Cyanide	mg/l	9.2	0.1	U	U	U	U	U				0.01	U	0.01	U					
Hexavalent chromium	mg/l	0.031		U	U	U	U	U				0.01	U	0.01	U					
Nitrogen, Ammonia (As N)	mg/l	1	2	0.016	U	U	U	0.13	0.129	0.01	U	0.182		0.1	U	0.1	U	0.1	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		U	U	U	1.78	U	U	1	U	1	U	1	U	1	U	4.91		21.3
Nitrogen, Nitrate (As N)	mg/l	0.2	10	U	U	U	U	U	U	0.05	U	0.155		0.05	U	0.05	U	0.066		0.4
Organic Carbon, Total	mg/l	26.1		3.1	1.4	1.2	1.1	U	1.7	1.3		1.9		1.1		1.3		3.4		17
Phenolics, Total Recoverable	mg/l	0.0088	0.001	0.003	U	U	0.008	U	0.013	0.001	U	0.005	U	0.004	U	0.004	U	0.004	U	0.004
Residue, Dissolved (TDS)	mg/l	582	500	422	387	396	399	476	462	422		542		429		460		420		321
Sulfate	mg/l	66	250	42	35	38	46	60	32	44		46		39		37		39		41

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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		Grey Till		MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.	Jun-97	Aug-97	Nov-97	Feb-98	May-98	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00
1,1,1,2-Tetrachloroethane	ug/l	5	5											5	U					
1,1,1-Trichloroethane	ug/l	5	5											5	U					
1,1,2,2-Tetrachloroethane	ug/l	5	5											5	U					
1,1,2-Trichloroethane	ug/l	1	1											5	U					
1,1-Dichloroethane	ug/l	5	5											5	U					
1,1-Dichloroethene	ug/l	5	5											5	U					
1,2,3-Trichloropropane	ug/l	0.04	0.04											5	U					
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4											5	U					
1,2-Dibromoethane	ug/l	5	5											5	U					
1,2-Dichlorobenzene	ug/l	3	3											2	U					
1,2-Dichloroethane	ug/l	0.6	0.6											5	U					
1,2-Dichloropropane	ug/l	1	1											5	U					
1,3-Dichlorobenzene	ug/l	3																		
1,4-Dichlorobenzene	ug/l	3	3											2	U					
2-Butanone	ug/l	NA																		
2-Hexanone	ug/l	NA												10	U					
4-Methyl-2-pentanone	ug/l	NA																		
Acetone	ug/l	NA												25	U					
Acrylonitrile	ug/l	5	5											20	U					
Benzene	ug/l	1	1											0.7	U					
Bromochloromethane	ug/l	5	5											5	U					
Bromodichloromethane	ug/l	5	5											5	U					
Bromoform	ug/l	NA												5	U					
Bromomethane	ug/l	5	5											5	U					
Carbon disulfide	ug/l	NA												5	U					
Carbon tetrachloride	ug/l	5	5											5	U					
Chlorobenzene	ug/l	5	5											5	U					
Chloroethane	ug/l	5	5											5	U					
Chloroform	ug/l	7	7											5	U					
Chloromethane	ug/l	5	5											5	U					
Dibromochloromethane	ug/l	NA												5	U					
Dibromomethane	ug/l	5	5											5	U					
Ethylbenzene	ug/l	5	5											5	U					
Iodomethane	ug/l	5	5											5	U					
Methylene chloride	ug/l	5	5											5	U					
Styrene	ug/l	5	5											5	U					
Tetrachloroethene	ug/l	5	5											5	U					
Toluene	ug/l	5	5											5	U					
Trichloroethene	ug/l	5	5											5	U					
Trichlorofluoromethane	ug/l	5	5											5	U					
Vinyl acetate	ug/l	NA												5	U					
Vinyl chloride	ug/l	2	2											2	U					
cis-1,2-Dichloroethene	ug/l	5	5											5	U					
cis-1,3-Dichloropropene	ug/l	0.4	0.4											5	U					
m,p-Xylene	ug/l	5	5											5	U					
o-Xylene	ug/l	5	5											5	U					
trans-1,2-Dichloroethene	ug/l	5	5											5	U					
trans-1,3-Dichloropropene	ug/l	0.4	0.4											5	U					
trans-1,4-Dichloro-2-butene	ug/l	5	5											5	U					

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		Grey Till			MW-34		MW-34		MW-34		MW-34	MW - 34		MW - 34		MW - 34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.	Q	Feb-01	Q	May-01		Sep-01		Nov-01	Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
Conductivity	umhos/cm	1153			553		715		703		342	493		615		586		554		580		534		702		271
Eh	mV	426			105.3		80.6		51		61	85		24		61		60	-	25		12		40		15
Field pH	SU	5.0 - 10.4	8.5		7.71		7.41		7.44		8.1	7.85		6.82		7.41		7.84		8.07		8.94		8.35		7.81
Temperature	degC	NA			6.3		7.8		20		12	8.3		9		13		10		5		8		15		12
Turbidity	NTU	15	5		6.5		0.95		7		1	3		30		5		2		4		3		17		7
Water Level	ft	NA			6.98		7.09		11.94		10.43	6.93		6.43		10.26		7.24		7.85		3.86		9.18		11.71
Bromide	mg/l	1.5																	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502				U	75									117										137
Antimony	ug/l	38	3			U	50								<	15									<	15
Arsenic	ug/l	6	25			U	2								<	10									<	10
Barium	ug/l	229	1000				125									120										164
Beryllium	ug/l	3				U	2								<	3									<	3
Cadmium	ug/l	6	10	U	6	U	5	<	5	<	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			63400		84100		77400		69700	77500		68900		87100		83700		78000		71500		85200		89200
Chromium	ug/l	51	50			U	10								<	5									<	5
Cobalt	ug/l	18				U	10								<	20									<	20
Copper	ug/l	28	200			U	17								<	10									<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			269		364		546		319	348		309		380		370		340		250		360		400
Iron	ug/l	*900*	300		729		599		615		889	1060		2390		2050		1440		1110		675		1040		865
Lead	ug/l	4	25		1	U	1	<	3	<	3	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	*58600*	35000		26900		37300		38700		35200	37500		33400		39300		38000		34700		16700		35800		43300
Manganese	ug/l	*88*	300		43		43		64.3		44.5	69		49.3		69.9		62		58	<	10		57.8		
Mercury	ug/l	7	2			U	0.2								<	0.20									<	0.2
Nickel	ug/l	50				U	12								<	30									<	30
Potassium	ug/l	8000			5060		3040		2150		2360	2390		1580		2290		2630		1870		6170		3280		2450
Selenium	ug/l	4	10			U	2								<	5									<	5
Silver	ug/l	39	50			U	10								<	10									<	10
Sodium	ug/l	39000	20000		6580		6270		7290		5630	6710		4910		6090		6100		5630		3330		5810		6420
Thallium	ug/l	12	4			U	1								<	10									<	10
Vanadium	ug/l	24				U	10								<	30									<	30
Zinc	ug/l	56	300			U	20		89							17.1										16.4
Boron	mg/l	131	1000												<	0.5									<	0.5
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			343		352		370		390	130		480		350		220		360		270		310		350
Biochemical Oxygen Demand	mg/l	19.8			6	U	3	<	4	<	4	4	<	4	<	4		4	<	4	<	4		4		8
Chemical Oxygen Demand	mg/l	48.5			10	U	10	<	20	<	20	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		7.27		5.54		4		7	6		7		6		10		9		13		24		16
Color	Units	46	15				15									28										19
Cyanide	mg/l	9.2	0.1			U	0.01								<	0.01									<	0.01
Hexavalent chromium	mg/l	0.031				U	0.01								<	0.01									<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	U	0.1	U	0.1	<	0.5	<	0.5	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9			1	U	1	<	0.5	<	0.5	0.5	<	0.5		1.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.267	U	0.1	<	0.2	<	0.2	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1			3.7	J	1.6		2	<	3	3	<	3	<	3	<	3	<	3		3		5	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	U	0.004	U	0.004	<	0.005	<	0.005	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.006	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		319		430		430		450	390		400		490		440		330		330		480		540
Sulfate	mg/l	66	250		32		39.3		71		43	47		51		72		56		39		34		76		62

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		Grey Till			MW-34		MW-34		MW-34		MW-34	MW - 34		MW - 34		MW - 34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.	Q	Feb-01	Q	May-01		Sep-01		Nov-01	Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
1,1,1,2-Tetrachloroethane	ug/l	5	5			<	5								<	5								<	5
1,1,1-Trichloroethane	ug/l	5	5			U	5								<	5								<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5			U	5								<	5								<	5
1,1,2-Trichloroethane	ug/l	1	1			U	5								<	5								<	5
1,1-Dichloroethane	ug/l	5	5			U	5								<	5								<	5
1,1-Dichloroethene	ug/l	5	5			U	5								<	5								<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04			U	5								<	5								<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4			U	5								<	10								<	10
1,2-Dibromoethane	ug/l	5	5			U	5								<	5								<	5
1,2-Dichlorobenzene	ug/l	3	3			U	2								<	5								<	5
1,2-Dichloroethane	ug/l	0.6	0.6			U	5								<	5								<	5
1,2-Dichloropropane	ug/l	1	1			U	5								<	5								<	5
1,3-Dichlorobenzene	ug/l	3																							
1,4-Dichlorobenzene	ug/l	3	3			U	2								<	5								<	5
2-Butanone	ug/l	NA																						<	10
2-Hexanone	ug/l	NA				U	10								<	10								<	10
4-Methyl-2-pentanone	ug/l	NA																						<	10
Acetone	ug/l	NA				D	25								<	10									6
Acrylonitrile	ug/l	5	5			U	20								<	100								<	100
Benzene	ug/l	1	1			U	0.7								<	5								<	5
Bromochloromethane	ug/l	5	5			U	5								<	5								<	5
Bromodichloromethane	ug/l	5	5			U	5								<	5								<	5
Bromoform	ug/l	NA				U	5								<	5								<	5
Bromomethane	ug/l	5	5			U	5								<	5								<	5
Carbon disulfide	ug/l	NA				U	5								<	5								<	5
Carbon tetrachloride	ug/l	5	5			U	5								<	5								<	5
Chlorobenzene	ug/l	5	5			U	5								<	5								<	5
Chloroethane	ug/l	5	5			U	5								<	5								<	5
Chloroform	ug/l	7	7			U	5								<	5								<	5
Chloromethane	ug/l	5	5			U	5								<	5								<	5
Dibromochloromethane	ug/l	NA				U	5								<	5								<	5
Dibromomethane	ug/l	5	5			U	5								<	5								<	5
Ethylbenzene	ug/l	5	5			U	5								<	5								<	5
Iodomethane	ug/l	5	5			U	5								<	5								<	5
Methylene chloride	ug/l	5	5			U	5								<	5									2
Styrene	ug/l	5	5			U	5								<	5								<	5
Tetrachloroethene	ug/l	5	5			U	5								<	5								<	5
Toluene	ug/l	5	5			U	5								<	5								<	5
Trichloroethene	ug/l	5	5			U	5								<	5								<	5
Trichlorofluoromethane	ug/l	5	5			U	5								<	5								<	5
Vinyl acetate	ug/l	NA				U	5								<	50								<	50
Vinyl chloride	ug/l	2	2			U	2								<	5								<	5
cis-1,2-Dichloroethene	ug/l	5	5			U	5								<	5								<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4			U	5								<	5								<	5
m,p-Xylene	ug/l	5	5			U	5								<	5								<	5
o-Xylene	ug/l	5	5			U	5								<	5								<	5
trans-1,2-Dichloroethene	ug/l	5	5			U	5								<	5								<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4			U	5								<	5								<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5			U	5								<	10								<	10

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		Grey Till			MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
Conductivity	umhos/cm	1153			848		753		1179		905		880		1039		1353		1067		1021		848		928		914
Eh	mV	426		-	60								-60		-70		-55		-50		-25		-65		-70		-35
Field pH	SU	5.0 - 10.4	8.5		7.84		6.94		7.55		8.4		7.29		7.87		7.51		7.29		7.21		7.79		7.86		7.98
Temperature	degC	NA			5		9		15		10		6		8		16		6		2.2		12.2		15.2		12.8
Turbidity	NTU	15	5		18		11		3		7		10		2		2		3.31		9.26		2.68		2.91		1.6
Water Level	ft	NA			12.51		10.96		12.55		12.8		11.83		10.66		13.91		10.23		10.51		10.57		12.32		9.65
Bromide	mg/l	1.5		<	0.2	<	0.2		3.4		3	<	2	<	2	<	2	<	0.2	<	0.2	<	2	<	0.2		0.21
Aluminum	ug/l	502			278										312			<	100					<	100		
Antimony	ug/l	38	3	<	15									<	15			<	15					<	15		
Arsenic	ug/l	6	25	<	10									<	10			<	10					<	10		
Barium	ug/l	229	1000		149										208				147						138		
Beryllium	ug/l	3		<	3									<	3			<	3					<	3		
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			97400		125000		137000		159000		177000		171000		134000		123000		114000		86700		102000		110000
Chromium	ug/l	51	50	<	5										5.68			<	5					<	5		
Cobalt	ug/l	18		<	20									<	20			<	20					<	20		
Copper	ug/l	28	200		10.5										12.5				11.3					<	10		
Hardness, Total (mg/l CaCO3)	mg/l	NA			430		550		626		726		769		749		586		509		486		290		439		465
Iron	ug/l	*900*	300		1810		2180		1640		1340		1570		1540		1030		1350		944		227		1310		1660
Lead	ug/l	4	25	<	3		2.6		5.36	<	3	<	3	<	3	<	3	<	3		112		10.8	<	3	<	3
Magnesium	ug/l	*58600*	35000		44800		57300		68700		79700		79800		78400		61300		49200		48800		17900		44700		46100
Manganese	ug/l	*88*	300		172		254		161		110		363		280		217		165		219		13.1		153		258
Mercury	ug/l	7	2	<	0.2									<	0.2			<	0.2					<	0.2		
Nickel	ug/l	50		<	30									<	30			<	30					<	30		
Potassium	ug/l	8000			3240		4760		4080		4750		6390		4730		4520		5240		3390		10100		3760		3610
Selenium	ug/l	4	10	<	5									<	5				10.1						12.1		
Silver	ug/l	39	50	<	10									<	10			<	10					<	10		
Sodium	ug/l	39000	20000		8300		19800		24700		22500		30200		29400		27900		22400		27400		5410		27100		25200
Thallium	ug/l	12	4		32.4									<	10			<	10						10.5		
Vanadium	ug/l	24		<	30									<	30			<	30					<	30		
Zinc	ug/l	56	300		18										24.4				13.4						15		
Boron	mg/l	131	1000	<	0.5									<	500			<	500					<	500		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			410		380		350		520		400		440		480		270		240		330		410		380
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4		4		4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20		16	<	20	<	20		25		27	<	20	<	20	<	20		38		42	<	20
Chloride	mg/l	3.9	250		33		107		184		166		189		143		150		73.4		101		5.42		65.2		48.1
Color	Units	46	15		21										30			<	5						25		
Cyanide	mg/l	9.2	0.1	<	0.01									<	10			<	10					<	10		
Hexavalent chromium	mg/l	0.031		<	0.01									<	0.01			<	0.01					<	0.01		
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.65	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		<	3		5		3		4		4	<	3		3		3	<	3		9	<	3		3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.014	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		530		672		845		760		980		897		985		540		715		425		618		548
Sulfate	mg/l	66	250		59		63.8		92.8		102		72.4		11.6		59.2		103		79.7		47.4		58.7		91.8

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		Grey Till			MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1,1-Trichloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1,2-Trichloroethane	ug/l	1	1	<	5									<	5			<	5					<	5		
1,1-Dichloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,1-Dichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5									<	5			<	5					<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10									<	10			<	10					<	10		
1,2-Dibromoethane	ug/l	5	5	<	5									<	5			<	5					<	5		
1,2-Dichlorobenzene	ug/l	3	3	<	5									<	5			<	5					<	5		
1,2-Dichloroethane	ug/l	0.6	0.6	<	5									<	5			<	5					<	5		
1,2-Dichloropropane	ug/l	1	1	<	5									<	5			<	5					<	5		
1,3-Dichlorobenzene	ug/l	3												<	5			<	5					<	5		
1,4-Dichlorobenzene	ug/l	3	3	<	5									<	5			<	5					<	5		
2-Butanone	ug/l	NA		<	10									<	10			<	10					<	10		
2-Hexanone	ug/l	NA		<	10									<	10			<	10					<	10		
4-Methyl-2-pentanone	ug/l	NA		<	10									<	10			<	10					<	10		
Acetone	ug/l	NA		<	10									<	10			<	10						28		
Acrylonitrile	ug/l	5	5	<	100									<	100			<	100					<	100		
Benzene	ug/l	1	1	<	5									<	5			<	5					<	5		
Bromochloromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Bromodichloromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Bromoform	ug/l	NA		<	5									<	5			<	5					<	5		
Bromomethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Carbon disulfide	ug/l	NA		<	5									<	5			<	5					<	5		
Carbon tetrachloride	ug/l	5	5	<	5									<	5			<	5					<	5		
Chlorobenzene	ug/l	5	5	<	5									<	5			<	5					<	5		
Chloroethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Chloroform	ug/l	7	7	<	5									<	5			<	5					<	5		
Chloromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Dibromochloromethane	ug/l	NA		<	5									<	5			<	5					<	5		
Dibromomethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Ethylbenzene	ug/l	5	5	<	5									<	5			<	5					<	5		
Iodomethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Methylene chloride	ug/l	5	5	<	5									<	5			<	5					<	5		
Styrene	ug/l	5	5	<	5									<	5			<	5					<	5		
Tetrachloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
Toluene	ug/l	5	5	<	5									<	5			<	5					<	5		
Trichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
Trichlorofluoromethane	ug/l	5	5	<	5									<	5			<	5					<	5		
Vinyl acetate	ug/l	NA		<	50									<	50			<	50					<	5		
Vinyl chloride	ug/l	2	2	<	5									<	5			<	5					<	5		
cis-1,2-Dichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5									<	5			<	5					<	5		
m,p-Xylene	ug/l	5	5	<	5									<	5			<	5					<	10		
o-Xylene	ug/l	5	5	<	5									<	5			<	5					<	5		
trans-1,2-Dichloroethene	ug/l	5	5	<	5									<	5			<	5					<	5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5									<	5			<	5					<	50		
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10									<	10			<	10					<	5		

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		Grey Till			MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Jan-08		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	1153			449		416		513		823		430		586		821		752		720		459		351		1395
Eh	mV	426			16		-261		-170		-123		-79		-183		-49		-46		-46		193		201		204
Field pH	SU	5.0 - 10.4	8.5		8.43		8.93		8.91		8.73		8.41		9.02		8.47		7.83		7.84		7.13		6.99		6.86
Temperature	degC	NA			9.2		9		15.1		12.2		6		10.5		16.5		9.1		4.7		15.1		17.9		10.3
Turbidity	NTU	15	5		10.7		4.9		7.31		5.11		39.3		26.3		4.12		3.01		1.51		11.5		1.79		4.07
Water Level	ft	NA			10.86		9.2		11.45		11.43		12.37		11.81		10.87		9.76		10.18		8.27		9.76		8.5
Bromide	mg/l	1.5			6.9	<	0.2	<	2	<	2	R<	200	<	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502								<	100		252									<	100				
Antimony	ug/l	38	3							<	15	<	15									<	30				
Arsenic	ug/l	6	25							<	10	<	10									<	10				
Barium	ug/l	229	1000								143		54.7										131				
Beryllium	ug/l	3								<	3	UJ	3									<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			82700		83700		102000		100000		54600		87200		102000		103000		96400		102000		105000		103000
Chromium	ug/l	51	50							<	5	<	5									<	5				
Cobalt	ug/l	18								<	20	<	20									<	20				
Copper	ug/l	28	200							<	10		11									<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			286		350		342		425		187		310000		438000		445000		424000		429000		442000		448000
Iron	ug/l	*900*	300		692		1000		792		1260	J	4430		2380		851		1020		338		2170		841		923
Lead	ug/l	4	25	<	3	<	3		3.13	<	3	UJ	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	*58600*	35000		19200		34300		21400		42500	J	12200		22400		44300		45600		44500		42300		43800		46400
Manganese	ug/l	*88*	300	<	10		127		22.2		147	J	23		61.4		135		137		133		167		122		118
Mercury	ug/l	7	2							<	0.2	<	0.2									<	0.2				
Nickel	ug/l	50								<	30	<	30									<	30				
Potassium	ug/l	8000			7300		2900		14500		3270		4010		6720		3390		2580		1840		3030		3310	<	5000
Selenium	ug/l	4	10		8480					<	5	UJ	5									<	5				
Silver	ug/l	39	50							<	10	<	10									<	10				
Sodium	ug/l	39000	20000				20500		7540		25100		4460		8050		28800		24700		22700		23500		25100		23400
Thallium	ug/l	12	4							<	10	UJ	10									<	10				
Vanadium	ug/l	24								<	30	<	30									<	30				
Zinc	ug/l	56	300								10.8		40.6									<	10				
Boron	mg/l	131	1000							<	500	<	500									<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			290		330		360		370		260		340		390		360		380		310		350		320
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4		5		5	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		22.5		43.2		41.1		42.8		22.5		34.5		42		30.8		34.4		17.8		22.5		22.1
Color	Units	46	15								46	<	5										7				
Cyanide	mg/l	9.2	0.1							<	10	UJ	10									<	10				
Hexavalent chromium	mg/l	0.031								<	0.01	<	0.02									<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5		3.6	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5		0.597	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		1.13	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		<	3	<	3		3.1	<	3.3	<	3		3.2	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001		0.005		0.005	<	0.012	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		390		535		412		660		355		642		478		527		500		530		560		420
Sulfate	mg/l	66	250		54.5		94.2		68.3		78.1		40.6		87.2		68.7		79.3		90.7		66.5		83.2		106

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		Grey Till		MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34
Parameter	Units	Trigger	GW Std.	Feb-07	May-07	Aug-07	Jan-08	Feb-08	May-08	Aug-08	Nov-08	Feb-09	May-09	Aug-09	Nov-09
1,1,1,2-Tetrachloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1,1-Trichloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1,2,2-Tetrachloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1,2-Trichloroethane	ug/l	1	1				< 5	< 5					< 5		
1,1-Dichloroethane	ug/l	5	5				< 5	< 5					< 5		
1,1-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		
1,2,3-Trichloropropane	ug/l	0.04	0.04				< 5	< 5					< 5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4				< 10	< 10					< 10		
1,2-Dibromoethane	ug/l	5	5				< 5	< 5					< 5		
1,2-Dichlorobenzene	ug/l	3	3				< 5	< 5					< 5		
1,2-Dichloroethane	ug/l	0.6	0.6				< 5	< 5					< 5		
1,2-Dichloropropane	ug/l	1	1				< 5	< 5					< 5		
1,3-Dichlorobenzene	ug/l	3					< 5	< 5					< 5		
1,4-Dichlorobenzene	ug/l	3	3				< 5	< 5					< 5		
2-Butanone	ug/l	NA					< 10	< 10					< 10		
2-Hexanone	ug/l	NA					< 10	< 10					< 10		
4-Methyl-2-pentanone	ug/l	NA					< 10	< 10					< 10		
Acetone	ug/l	NA					< 10	< 10					< 10		
Acrylonitrile	ug/l	5	5				< 100	< 100					< 100		
Benzene	ug/l	1	1				< 5	< 5					< 5		
Bromochloromethane	ug/l	5	5				< 5	< 5					< 5		
Bromodichloromethane	ug/l	5	5				< 5	< 5					< 5		
Bromoform	ug/l	NA					< 5	< 5					< 5		
Bromomethane	ug/l	5	5				< 5	< 5					< 5		
Carbon disulfide	ug/l	NA					< 5	< 5					< 5		
Carbon tetrachloride	ug/l	5	5				< 5	< 5					< 5		
Chlorobenzene	ug/l	5	5				< 5	< 5					< 5		
Chloroethane	ug/l	5	5				< 5	< 5					< 5		
Chloroform	ug/l	7	7				< 5	< 5					< 5		
Chloromethane	ug/l	5	5				< 5	< 5					< 5		
Dibromochloromethane	ug/l	NA					< 5	< 5					< 5		
Dibromomethane	ug/l	5	5				< 5	< 5					< 5		
Ethylbenzene	ug/l	5	5				< 5	< 5					< 5		
Iodomethane	ug/l	5	5				< 5	< 5					< 5		
Methylene chloride	ug/l	5	5				< 5	< 5					< 5		
Styrene	ug/l	5	5				< 5	< 5					< 5		
Tetrachloroethene	ug/l	5	5				< 5	< 5					< 5		
Toluene	ug/l	5	5				< 5	< 5					< 5		
Trichloroethene	ug/l	5	5				< 5	< 5					< 5		
Trichlorofluoromethane	ug/l	5	5				< 5	< 5					< 5		
Vinyl acetate	ug/l	NA					< 50	< 50					< 50		
Vinyl chloride	ug/l	2	2				< 5	< 5					< 5		
cis-1,2-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5					< 5		
m,p-Xylene	ug/l	5	5				< 5	< 5					< 5		
o-Xylene	ug/l	5	5				< 5	< 5					< 5		
trans-1,2-Dichloroethene	ug/l	5	5				< 5	< 5					< 5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5					< 5		
trans-1,4-Dichloro-2-butene	ug/l	5	5				< 10	< 10					< 10		

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		Grey Till			MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1153			1838		251		200		543		583		621		714		830
Eh	mV	426			143		221		286		-42		19		71		-60		112
Field pH	SU	5.0 - 10.4	8.5		7.71		7.43		7.15		7.81		7.97		7.48		7.89		7.85
Temperature	degC	NA			7.7		12.1		17.3		12.6		5.8		19.6		20.4		10.5
Turbidity	NTU	15	5		8.71		5.45		6.41		3.11		12.1		36.7		8.6		6.04
Water Level	ft	NA			8.65		7.86		9.05		6.42		8.65		6.95		11.1		8.31
Bromide	mg/l	1.5		<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	8	<	8	<	8
Aluminum	ug/l	502						<	100						362				
Antimony	ug/l	38	3					<	5 uj					<	5				
Arsenic	ug/l	6	25					<	5						6.6				
Barium	ug/l	229	1000						115						85.8				
Beryllium	ug/l	3						<	3					<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			95900		76300		91200		89100		105000		93700		98400		101000
Chromium	ug/l	51	50					<	10					<	10				
Cobalt	ug/l	18						<	20					<	20				
Copper	ug/l	28	200					<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			418000		255000		378000		294000		434000		308000		407000		447000
Iron	ug/l	*900*	300		749		165		217		65.9		1410	J	5940		1160		1350
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	*58600*	35000		43500		15700		36500		17400		41800		17900		39300		47200
Manganese	ug/l	*88*	300		124		55.5		111	<	10		40.2	J	31.7		161		101
Mercury	ug/l	7	2					<	0.2					<	0.2				
Nickel	ug/l	50						<	30					<	30				
Potassium	ug/l	8000		<	5000		6990	<	5000		8990	<	5000		9380	<	5000	<	5000
Selenium	ug/l	4	10					<	Reject					<	3				
Silver	ug/l	39	50					<	Reject						14.7				
Sodium	ug/l	39000	20000		20800	<	5000		19200	<	5000		24200	<	5000		22200		27000
Thallium	ug/l	12	4					<	3					<	3				
Vanadium	ug/l	24						<	30					<	30				
Zinc	ug/l	56	300					<	10					<	10				
Boron	mg/l	131	1000					<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			360		250		300		270		320	J	310		330		350
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4		4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20		21	<	20	<	20
Chloride	mg/l	3.9	250		19.1		6.91		12.6		9.15		10.9		2.42		22.2		29.6
Color	Units	46	15						12						8				
Cyanide	mg/l	9.2	0.1					<	10					<	10				
Hexavalent chromium	mg/l	0.031						<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.676	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.0762		1.1	<	0.05		0.108		0.193		4.38	<	0.05		0.055
Organic Carbon, Total	mg/l	26.1			3.6	<	3	<	3	<	3	<	3		3.5	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		480		300		480		360		480		410		550		480
Sulfate	mg/l	66	250		64.9		21.8		93.9		14.2		70		18.9		111		129

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		Grey Till			MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34		MW-34
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5					<	5					<	5				
1,1,1-Trichloroethane	ug/l	5	5					<	5					<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5					<	5					<	5				
1,1,2-Trichloroethane	ug/l	1	1					<	5					<	5				
1,1-Dichloroethane	ug/l	5	5					<	5					<	5				
1,1-Dichloroethene	ug/l	5	5					<	5					<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04					<	5					<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4					<	10					<	10				
1,2-Dibromoethane	ug/l	5	5					<	5					<	5				
1,2-Dichlorobenzene	ug/l	3	3					<	5					<	5				
1,2-Dichloroethane	ug/l	0.6	0.6					<	5					<	5				
1,2-Dichloropropane	ug/l	1	1					<	5					<	5				
1,3-Dichlorobenzene	ug/l	3						<	5					<	5				
1,4-Dichlorobenzene	ug/l	3	3					<	5					<	5				
2-Butanone	ug/l	NA						<	10					<	10				
2-Hexanone	ug/l	NA						<	10					<	10				
4-Methyl-2-pentanone	ug/l	NA						<	10					<	10				
Acetone	ug/l	NA						<	10					<	10				
Acrylonitrile	ug/l	5	5					<	100					<	100				
Benzene	ug/l	1	1					<	5					<	5				
Bromochloromethane	ug/l	5	5					<	5					<	5				
Bromodichloromethane	ug/l	5	5					<	5					<	5				
Bromoform	ug/l	NA						<	5					<	5				
Bromomethane	ug/l	5	5					<	5					<	5				
Carbon disulfide	ug/l	NA						<	5					<	5				
Carbon tetrachloride	ug/l	5	5					<	5					<	5				
Chlorobenzene	ug/l	5	5					<	5					<	5				
Chloroethane	ug/l	5	5					<	5					<	5				
Chloroform	ug/l	7	7					<	5					<	5				
Chloromethane	ug/l	5	5					<	5					<	5				
Dibromochloromethane	ug/l	NA						<	5					<	5				
Dibromomethane	ug/l	5	5					<	5					<	5				
Ethylbenzene	ug/l	5	5					<	5					<	5				
Iodomethane	ug/l	5	5					<	5					<	5				
Methylene chloride	ug/l	5	5					<	5					<	5				
Styrene	ug/l	5	5					<	5					<	5				
Tetrachloroethene	ug/l	5	5					<	5					<	5				
Toluene	ug/l	5	5					<	5					<	5				
Trichloroethene	ug/l	5	5					<	5					<	5				
Trichlorofluoromethane	ug/l	5	5					<	5					<	5				
Vinyl acetate	ug/l	NA						<	5					UJ	50				
Vinyl chloride	ug/l	2	2					<	5					<	5				
cis-1,2-Dichloroethene	ug/l	5	5					<	5					<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4					<	5					<	5				
m,p-Xylene	ug/l	5	5					<	10					<	5				
o-Xylene	ug/l	5	5					<	5					<	5				
trans-1,2-Dichloroethene	ug/l	5	5					<	5					<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4					<	50					<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5					<	5					<	10				

ENVIRONMENTAL MONITORING
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		Grey Till			MW - 35		MW - 35		MW - 35		MW - 35		MW - 35		MW - 35		MW - 35		MW - 35		MW - 35		MW - 35		MW - 35
Parameter	Units	Trigger	GW Std.		May-93		Sep-93		Nov-94		Jan-95		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96
Conductivity	umhos/cm	1153			242		22		31		40		656		445		1136		1120		1880		2110		1800
Eh	mV	426			-70		149		-118		-101		258		287		195		305		258		174		220
Field pH	SU	5.0 - 10.4	8.5		8.68		7.92		6.92		8.9		7.7		7.7		7.4		7.5		7.2		7.4		7.3
Temperature	degC	NA																							
Turbidity	NTU	15	5		131.4		4.6		7		40		27		16		210		12		10		41		20
Water Level	ft	NA																							
Bromide	mg/l	1.5																							
Aluminum	ug/l	502			2920				116								215	<	80.9				866		
Antimony	ug/l	38	3	<	5														42.1	<	29		30.4		
Arsenic	ug/l	6	25	<	5			<	5								5.5	<	5.5			<	21		
Barium	ug/l	229	1000		81				99.7								103		101				164		
Beryllium	ug/l	3		<	3			<	2								0.9	<	0.9			<	0.7		
Cadmium	ug/l	6	10		42	<	5	<	2	<	2	<	2.9	<	2.1	<	2100	<	2.1	<	3.1	<	2.4	<	2.4
Calcium	ug/l	128000			43400		42600		61300		84300		85800		22900		145000		129000		169000		123000		147000
Chromium	ug/l	51	50	<	10			<	5								6.3	<	5.3			<	5.7		
Cobalt	ug/l	18														<	11.4	<	11.4			<	8.7		
Copper	ug/l	28	200		25			<	5								144	<	7				7.5		
Hardness, Total (mg/l CaCO3)	mg/l	NA			195		195		271		333		183		103		626		NA		NA		561		653
Iron	ug/l	900	300		3130		117		361		450		619		835		743		242	<	20.7		1140		409
Lead	ug/l	4	25	<	3		3	<	3	<	3		110		1.3	<	1.3		1.2	<	2.3	<	2.3	<	2.4
Magnesium	ug/l	58600	35000		21000		21600		28900		37200		37400		11100		64200		62500		61100		61700		69600
Manganese	ug/l	88	300		91		27		52.9		49.4		75.2		34.1		145		50.8		13.9		188		58.3
Mercury	ug/l	7	2	<	0.2			<	0.2							<	0.2					<	0.08		
Nickel	ug/l	50		<	25			<	26							<	14.4	<	14.4			<	11.8		
Potassium	ug/l	*8000*		<	5		1700		1590		1190	<	683	<	456	<	456	<	640	<	2020	<	1840	<	1840
Selenium	ug/l	4	10	<	5											<	2.8	<	2.8			<	17		
Silver	ug/l	39	50	<	10											<	5.7	<	5.7			<	4.3		
Sodium	ug/l	39000	20000		7900		6400		11800		9060		8470		3840		16600		28600		246000		242000		87800
Thallium	ug/l	12	4	<	5											<	4	<	4			<	29		
Vanadium	ug/l	24														<	8.3	<	8.3				8.1		
Zinc	ug/l	56	300	<	25			<	5								124						17.2		
Boron	mg/l	131	1000	<	100			<	100								64.5		20.8				35.8		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			349		148		133		158		165		185		290		240		260		270		265
Biochemical Oxygen Demand	mg/l	19.8		<	3				3	<	3	<	2	<	2		3	<	2		2	<	2		2
Chemical Oxygen Demand	mg/l	48.5		<	5	<	5		65	<	3		26.1		13.8		7.2	<	5		8.5		62		17.2
Chloride	mg/l	3.9	250		1.04		1.75		3		5		8.5		5.65		35.1		84		561		570		224
Color	Units	46	15													<	5		5			<	5		
Cyanide	mg/l	9.2	0.1	<	0.002											<	0.01	<	0.01			<	0.01		
Hexavalent chromium	mg/l	0.031		<	0.015				0.01							<	0.02	<	0.02			<	0.02		
Nitrogen, Ammonia (As N)	mg/l	1	2	<	1	<	1		0.23		0.07	<	0.1	<	0.1	<	0.1	<	0.1		0.134		0.101	<	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	1				0.3		0.4		1.68	<	1	<	1	<	1	<	1		1.12	<	1
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2	<	0.04		0.24		0.037	<	0.02	<	0.02		0.04		0.85		0.061		0.03
Organic Carbon, Total	mg/l	26.1			2		8		5.4		2.2		1.2		1.1		1.9		1.6		2.7		2.2		3.19
Phenolics, Total Recoverable	mg/l	0.0088	0.001		0.00218		0.00625	<	0.00001	<	0.00001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
Residue, Dissolved (TDS)	mg/l	582	500		236		272		367		426		448		370		733		758		1550		1400		950
Sulfate	mg/l	66	250	<	2		69.5		166		164		184		111		350		320		262		214		311

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		Grey Till		MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35
Parameter	Units	Trigger	GW Std.	May-93	Sep-93	Nov-94	Jan-95	May-95	Aug-95	Nov-95	Feb-96	May-96	Aug-96	Nov-96
1,1,1,2-Tetrachloroethane	ug/l	5	5											
1,1,1-Trichloroethane	ug/l	5	5											
1,1,2,2-Tetrachloroethane	ug/l	5	5											
1,1,2-Trichloroethane	ug/l	1	1											
1,1-Dichloroethane	ug/l	5	5											
1,1-Dichloroethene	ug/l	5	5											
1,2,3-Trichloropropane	ug/l	0.04	0.04											
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4											
1,2-Dibromoethane	ug/l	5	5											
1,2-Dichlorobenzene	ug/l	3	3											
1,2-Dichloroethane	ug/l	0.6	0.6											
1,2-Dichloropropane	ug/l	1	1											
1,3-Dichlorobenzene	ug/l	3												
1,4-Dichlorobenzene	ug/l	3	3											
2-Butanone	ug/l	NA												
2-Hexanone	ug/l	NA												
4-Methyl-2-pentanone	ug/l	NA												
Acetone	ug/l	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ug/l	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ug/l	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ug/l	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/l	5	5											
Bromoform	ug/l	NA												
Bromomethane	ug/l	5	5											
Carbon disulfide	ug/l	NA												
Carbon tetrachloride	ug/l	5	5											
Chlorobenzene	ug/l	5	5											
Chloroethane	ug/l	5	5											
Chloroform	ug/l	7	7											
Chloromethane	ug/l	5	5											
Dibromochloromethane	ug/l	NA												
Dibromomethane	ug/l	5	5											
Ethylbenzene	ug/l	5	5											
Iodomethane	ug/l	5	5											
Methylene chloride	ug/l	5	5											
Styrene	ug/l	5	5											
Tetrachloroethene	ug/l	5	5											
Toluene	ug/l	5	5											
Trichloroethene	ug/l	5	5											
Trichlorofluoromethane	ug/l	5	5											
Vinyl acetate	ug/l	NA												
Vinyl chloride	ug/l	2	2											
cis-1,2-Dichloroethene	ug/l	5	5											
cis-1,3-Dichloropropene	ug/l	0.4	0.4											
m,p-Xylene	ug/l	5	5											
o-Xylene	ug/l	5	5											
trans-1,2-Dichloroethene	ug/l	5	5											
trans-1,3-Dichloropropene	ug/l	0.4	0.4											
trans-1,4-Dichloro-2-butene	ug/l	5	5											

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW-35	MW-35	MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-97	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99
Conductivity	umhos/cm	1153			1107	1490	1403	1491	1364	1404	1200	1380	664	1327	1191		1453
Eh	mV	426			263	218.7	227.9	266.3	238.9	297.4	197.3	313.1	288.4	238.4	285.7		270.2
Field pH	SU	5.0 - 10.4	8.5		7.5	7.36	7.18	7.46	7.2	7.17	7.38	7.16	7.73	7.55	7.39		7.06
Temperature	degC	NA								8.9	13.1	11.1	6.7		13.7		11.7
Turbidity	NTU	15	5		13	45	14.1	5.75	30.5	35	185	38.5	>200	15.5	24		19.5
Water Level	ft	NA								8.17	15.52	14.9	9.89	15.2	15.65		14.55
Bromide	mg/l	1.5															
Aluminum	ug/l	502				556					0.5						1110
Antimony	ug/l	38	3			u					U						50
Arsenic	ug/l	6	25			u					U						2
Barium	ug/l	229	1000			68					54						66
Beryllium	ug/l	3				u					U						2
Cadmium	ug/l	6	10	<	2.3	u	u	u	U	U	U	U	U	U	5	U	5
Calcium	ug/l	128000			81000	166000	159000	165000	142000	146000	136000	147000	67200	147000	146000	0	161000
Chromium	ug/l	51	50			u					U						10
Cobalt	ug/l	18				u					U						10
Copper	ug/l	28	200			u					U						17
Hardness, Total (mg/l CaCO3)	mg/l	NA			546	712	686	619	561	556	606	684	268	669	654		688
Iron	ug/l	900	300		160	1040	8730	891	113	80	703	990	324	282	65		1290
Lead	ug/l	4	25	<	1	2	7	3	U	2	3	2	2	1	1		1
Magnesium	ug/l	58600	35000		26500	72200	70200	50300	50100	46400	64600	76900	20100	73300	70200		69500
Manganese	ug/l	88	300		9.7	115	361	44	5	10	73	59	33	39	45		73
Mercury	ug/l	7	2			u					U						0.2
Nickel	ug/l	50				u					U						15
Potassium	ug/l	*8000*		<	838	3520	4950	2440	1760	1920	2440	2810	1390	2380	2620		3350
Selenium	ug/l	4	10			u					U						2
Silver	ug/l	39	50			u					U						10
Sodium	ug/l	39000	20000		59100	66100	54000	80200	58400	61100	37000	34800	18000	31500	30600		32200
Thallium	ug/l	12	4			u					U						1
Vanadium	ug/l	24				u					U						10
Zinc	ug/l	56	300			u					U						20
Boron	mg/l	131	1000			u					U						75
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			195	290	257	294	299	346	321	320	211	303	313		359
Biochemical Oxygen Demand	mg/l	19.8			2	3	u	u	U	U	U	U	U	U	3	U	3
Chemical Oxygen Demand	mg/l	48.5			8.1	u	u	u	U	U	U	U	U	U	5	U	10
Chloride	mg/l	3.9	250		67	174	147	91.7	76.7	85.9	92.9	100	20.4	78.9	93.5		73.1
Color	Units	46	15			150					5						10
Cyanide	mg/l	9.2	0.1			u					0.012						0.01
Hexavalent chromium	mg/l	0.031				u					U						0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.1	u	u	u	U	U	U	U	U	0.111	0.01	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	1	u	u	u	U	U	U	U	1.37	U	1	U	1
Nitrogen, Nitrate (As N)	mg/l	0.2	10		1.79	u	u	0.524	0.662	0.384	U	U	0.493	U	0.05	U	0.05
Organic Carbon, Total	mg/l	26.1			3.9	1.5	1.9	1.8	1.5	1.6	2.5	1.8	1.6	2.9	1.5		2.4
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.002	0.001	0.013	u	U	U	U	U	U	U	0.001	U	0.005
Residue, Dissolved (TDS)	mg/l	582	500		505	969	861	906	853	884	923	935	419	837	771		1050
Sulfate	mg/l	66	250		122	320	230	290	320	330	240	340	120	340	240		310

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		Grey Till			MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW - 35	MW-35	MW-35	MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-97	Jun-97	Aug-97	Nov-97	Feb-98	May-98	Aug-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99
1,1,1,2-Tetrachloroethane	ug/l	5	5														
1,1,1-Trichloroethane	ug/l	5	5														
1,1,2,2-Tetrachloroethane	ug/l	5	5														
1,1,2-Trichloroethane	ug/l	1	1														
1,1-Dichloroethane	ug/l	5	5														
1,1-Dichloroethene	ug/l	5	5														
1,2,3-Trichloropropane	ug/l	0.04	0.04														
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4														
1,2-Dibromoethane	ug/l	5	5														
1,2-Dichlorobenzene	ug/l	3	3														
1,2-Dichloroethane	ug/l	0.6	0.6														
1,2-Dichloropropane	ug/l	1	1														
1,3-Dichlorobenzene	ug/l	3															
1,4-Dichlorobenzene	ug/l	3	3														
2-Butanone	ug/l	NA															
2-Hexanone	ug/l	NA															
4-Methyl-2-pentanone	ug/l	NA															
Acetone	ug/l	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Acrylonitrile	ug/l	5	5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Benzene	ug/l	1	1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Bromochloromethane	ug/l	5	5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Bromodichloromethane	ug/l	5	5														
Bromoform	ug/l	NA															
Bromomethane	ug/l	5	5														
Carbon disulfide	ug/l	NA															
Carbon tetrachloride	ug/l	5	5														
Chlorobenzene	ug/l	5	5														
Chloroethane	ug/l	5	5														
Chloroform	ug/l	7	7														
Chloromethane	ug/l	5	5														
Dibromochloromethane	ug/l	NA															
Dibromomethane	ug/l	5	5														
Ethylbenzene	ug/l	5	5														
Iodomethane	ug/l	5	5														
Methylene chloride	ug/l	5	5														
Styrene	ug/l	5	5														
Tetrachloroethene	ug/l	5	5														
Toluene	ug/l	5	5														
Trichloroethene	ug/l	5	5														
Trichlorofluoromethane	ug/l	5	5														
Vinyl acetate	ug/l	NA															
Vinyl chloride	ug/l	2	2														
cis-1,2-Dichloroethene	ug/l	5	5														
cis-1,3-Dichloropropene	ug/l	0.4	0.4														
m,p-Xylene	ug/l	5	5														
o-Xylene	ug/l	5	5														
trans-1,2-Dichloroethene	ug/l	5	5														
trans-1,3-Dichloropropene	ug/l	0.4	0.4														
trans-1,4-Dichloro-2-butene	ug/l	5	5														

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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		Grey Till			MW-35		MW-35		MW-35		MW-35			MW-35		MW-35		MW-35		MW-35	MW - 35		MW - 35		MW - 35		MW - 35
Parameter	Units	Trigger	GW Std.	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q		Feb-01	Q	May-01		Sep-01		Nov-01	Feb-02		May-02		Aug-02		Nov-02
Conductivity	umhos/cm	1153			1398		1158		1514		1748			900		1484		754		1011	846		583		960		1232
Eh	mV	426			317.6		280.1		250.1		84.3			221.8		144.6		41		50	64		38		46		50
Field pH	SU	5.0 - 10.4	8.5		7.33		7.28		7.02		7.07			7.33		7.36		7.3		7.92	7.38		7.13		7.11		7.2
Temperature	degC	NA			7.4		8.7		13.2		10			6.6		8.5		18		13	7.8		9		15		11
Turbidity	NTU	15	5		12.5		25		9.5		6.8			12.5		2.5		12		10	2		25		17		2
Water Level	ft	NA			15.2		9.82		14.45		13.43			6.89		13.61		14.05		12.95	9.3		6.22		15.98		12.13
Bromide	mg/l	1.5																									
Aluminum	ug/l	502			150											96								<	100		
Antimony	ug/l	38	3	U	50	U									U	50								<	15		
Arsenic	ug/l	6	25	U	2	U									U	2								<	10		
Barium	ug/l	229	1000		41											47									61.9		
Beryllium	ug/l	3		U	2	U									U	2								<	3		
Cadmium	ug/l	6	10	U	5	U	5	U	5	U	5	U	U	5	U	5	<	5	<	5	5	<	5	<	5	<	5
Calcium	ug/l	128000			159000		142000		178000		149000			109000		160000		148000		153000	148000		97300		135000		193000
Chromium	ug/l	51	50	U	10	U									U	10								<	5		
Cobalt	ug/l	18		U	10	U									U	10								<	20		
Copper	ug/l	28	200	U	17	U									U	17								<	10		
Hardness, Total (mg/l CaCO3)	mg/l	NA			724		540		804		678			415		682		617		614	610		353		570		700
Iron	ug/l	900	300		282		156		581		1610			755		424		531		131	723		1090		1630		1330
Lead	ug/l	4	25		1	U	1	U	1	U	2			1		7	<	3	<	3	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		79300		45100		87300		74200			34800		68500		60100		56400	58400		26700		56000		54200
Manganese	ug/l	88	300		22		12		70		311			18		70		30.8	<	10	27.5		21.3		341		630
Mercury	ug/l	7	2	U	0.2	U									U	0.2								<	0.20		
Nickel	ug/l	50			12	U									U	12								<	30		
Potassium	ug/l	*8000*			2220		2850		5430		6680			7090		5170		10200		9360	6340		7260		7420		21500
Selenium	ug/l	4	10	U	2	U									U	2								<	5		
Silver	ug/l	39	50	U	10	U									U	10								<	10		
Sodium	ug/l	39000	20000		28200		28300		39300		39500			24900		39800		38200		34900	35700		11600		25800		52900
Thallium	ug/l	12	4	U	1	U									U	1								<	10		
Vanadium	ug/l	24		U	10	U										10								<	30		
Zinc	ug/l	56	300		20	U									U	20									12.1		
Boron	mg/l	131	1000		48	U									U	141								<	0.5		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			289		329		358		359			244		350		370		430	310		460		380		160
Biochemical Oxygen Demand	mg/l	19.8		U	3	U	3	U	3	U	3	U	U	3	U	3	<	4	<	4	4	<	4	<	4		5
Chemical Oxygen Demand	mg/l	48.5		U	10	U	10	U	16.8		10	U	U	10	U	10	<	20	<	20	20	<	20	<	20		23
Chloride	mg/l	3.9	250		76.3		110		114		153			73.2		126		150		94	38		13		78		160
Color	Units	46	15		75											5									30		
Cyanide	mg/l	9.2	0.1	U	0.01	U									U	0.01								<	0.01		
Hexavalent chromium	mg/l	0.031		U	0.01	U									U	0.01								<	0.01		
Nitrogen, Ammonia (As N)	mg/l	1	2	U	0.1	U	0.1	U	0.1	U	0.1	U	U	0.1	U	0.1	<	0.5	<	0.5	0.5	<	0.5	<	0.5		1.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		U	1	U	1	U	4.23		7.45	U	U	1	U	1	<	0.5	<	0.5	0.5	<	0.5	<	0.5		1.4
Nitrogen, Nitrate (As N)	mg/l	0.2	10	U	0.05	U	0.164		0.05	U	0.05			0.666	U	0.1	<	0.2	<	0.2	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1			1.3		1.9		2.6		2.9			1.8	J	2.1		3	<	3	3	<	3		4		5
Phenolics, Total Recoverable	mg/l	0.0088	0.001	U	0.004	U	0.004	U	0.004	U	0.004	U	U	0.004	U	0.004	<	0.005	<	0.005	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		953		749		1050		1020			497		932		920		970	700		560		800		4700
Sulfate	mg/l	66	250		400		200		390		370			130		262		74		410	330		110		210		240

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		Grey Till			MW-35		MW-35		MW-35		MW-35			MW-35		MW-35		MW-35		MW-35	MW - 35		MW - 35		MW - 35		MW - 35
Parameter	Units	Trigger	GW Std.	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q		Feb-01	Q	May-01		Sep-01		Nov-01	Feb-02		May-02		Aug-02		Nov-02
1,1,1,2-Tetrachloroethane	ug/l	5	5		5	U									U	5								<	5		
1,1,1-Trichloroethane	ug/l	5	5		5	U									U	5								<	5		
1,1,2,2-Tetrachloroethane	ug/l	5	5		5	U									U	5								<	5		
1,1,2-Trichloroethane	ug/l	1	1		5	U									U	5								<	5		
1,1-Dichloroethane	ug/l	5	5		5	U									U	5								<	5		
1,1-Dichloroethene	ug/l	5	5		5	U									U	5								<	5		
1,2,3-Trichloropropane	ug/l	0.04	0.04		5	U									U	5								<	5		
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4		5	U									U	5								<	10		
1,2-Dibromoethane	ug/l	5	5		5	U									U	5								<	5		
1,2-Dichlorobenzene	ug/l	3	3		2	U									U	2								<	5		
1,2-Dichloroethane	ug/l	0.6	0.6		5	U									U	5								<	5		
1,2-Dichloropropane	ug/l	1	1		5	U									U	5								<	5		
1,3-Dichlorobenzene	ug/l	3																									
1,4-Dichlorobenzene	ug/l	3	3		2	U									U	2								<	5		
2-Butanone	ug/l	NA																									
2-Hexanone	ug/l	NA			10	U									U	10								<	10		
4-Methyl-2-pentanone	ug/l	NA																									
Acetone	ug/l	NA			25	U									D	25								<	10		
Acrylonitrile	ug/l	5	5		20	U									U	20								<	100		
Benzene	ug/l	1	1		0.7	U									U	0.7								<	5		
Bromochloromethane	ug/l	5	5		5	U									U	5								<	5		
Bromodichloromethane	ug/l	5	5		5	U									U	5								<	5		
Bromoform	ug/l	NA			5	U									U	5								<	5		
Bromomethane	ug/l	5	5		5	U									U	5								<	5		
Carbon disulfide	ug/l	NA			5	U									U	5								<	5		
Carbon tetrachloride	ug/l	5	5		5	U									U	5								<	5		
Chlorobenzene	ug/l	5	5		5	U									U	5								<	5		
Chloroethane	ug/l	5	5		5	U									U	5								<	5		
Chloroform	ug/l	7	7		5	U									U	5								<	5		
Chloromethane	ug/l	5	5		5	U									U	5								<	5		
Dibromochloromethane	ug/l	NA			5	U									U	5								<	5		
Dibromomethane	ug/l	5	5		5	U									U	5								<	5		
Ethylbenzene	ug/l	5	5		5	U									U	5								<	5		
Iodomethane	ug/l	5	5		5	U									U	5								<	5		
Methylene chloride	ug/l	5	5		5	U									U	5								<	5		
Styrene	ug/l	5	5		5	U									U	5								<	5		
Tetrachloroethene	ug/l	5	5		5	U									U	5								<	5		
Toluene	ug/l	5	5		5	U									U	5								<	5		
Trichloroethene	ug/l	5	5		5	U									U	5								<	5		
Trichlorofluoromethane	ug/l	5	5		5	U									U	5								<	5		
Vinyl acetate	ug/l	NA			5	U									U	5								<	50		
Vinyl chloride	ug/l	2	2		2	U									U	2								<	5		
cis-1,2-Dichloroethene	ug/l	5	5		5	U									U	5								<	5		
cis-1,3-Dichloropropene	ug/l	0.4	0.4		5	U									U	5								<	5		
m,p-Xylene	ug/l	5	5		5	U									U	5								<	5		
o-Xylene	ug/l	5	5		5	U									U	5								<	5		
trans-1,2-Dichloroethene	ug/l	5	5		5	U									U	5								<	5		
trans-1,3-Dichloropropene	ug/l	0.4	0.4		5	U									U	5								<	5		
trans-1,4-Dichloro-2-butene	ug/l	5	5		5	U									U	5								<	10		

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		Grey Till			MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		411370		MW-35		MW-35		MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-03		May-03		Aug-03		Nov-03		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05
Conductivity	umhos/cm	1153			1396		1268		1499		1262		1425		736		1078		854		680		685		1416		930
Eh	mV	426		-	40		48		80		20	-	35						90		-60		-60		-80		-80
Field pH	SU	5.0 - 10.4	8.5		7.52		7.75		7.85		7.81		7.21		7.23		6.97		7.8		7.26		7.55		7.45		7.77
Temperature	degC	NA			3		10		15		10		6		11		15		10		5		10		18		7.4
Turbidity	NTU	15	5		3		13		7		6		4		8		3		7		7		3		2		2.03
Water Level	ft	NA			11		6.11		8.48		6.15		14.18		11.37		12.85		8.41		9.55		6.36		14.91		5.02
Bromide	mg/l	1.5		<	0.2		1.4		1.7	<	0.2		0.8	<	0.2	<	0.2	<	2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502								<	100		129	<	100	<	100		231		129		294		113	<	100
Antimony	ug/l	38	3							<	15		43.2		9		34.7		28.6		32.8	<	15	<	15	<	15
Arsenic	ug/l	6	25							<	10	<	10	<	10		61.6	<	10		16.5	<	10	<	10	<	10
Barium	ug/l	229	1000								90.8		73.9		70.4		74.9		82.7		72.4		63.9		61	<	50
Beryllium	ug/l	3								<	3	<	3		0.05	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	ug/l	6	10		5	<	5	<	5	<	5	<	5		0.44	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			181000		148000		200000		177000		155000		119000		167000		132000		165000		132000		159000		98300
Chromium	ug/l	51	50							<	5	<	5		0.86	<	5	<	5	<	5	<	5	<	5	<	5
Cobalt	ug/l	18								<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	28	200							<	10	<	10		9.9		20		16.7		14.1		11.8	<	10		11.5
Hardness, Total (mg/l CaCO3)	mg/l	NA			720		570	465	321		640		640		470		680		468		605		479		656	491	400
Iron	ug/l	900	300		423		1670		838		108		334		181		530		729		687		192		703	<	60
Lead	ug/l	4	25		3	<	3	<	3	<	3	<	3		4.16		3		3.26	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		66000		48300		54200		47500		60600		41300		63800		33400		46900		36000		62800		26300
Manganese	ug/l	88	300		38.3		961		315				27.2		103		111		18.7		16.2		44.8		140		28.6
Mercury	ug/l	7	2							<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50								<	30		57.4		4.8		6.5		5.8	<	30	<	30	<	30	<	30
Potassium	ug/l	*8000*			8170		14500		32000		23000		12800		10100		14500		14200		13100		8060		9730		4710
Selenium	ug/l	4	10							<	5	<	5	<	5	<	5	<	5	<	5	<	5		9.71		5.02
Silver	ug/l	39	50							<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Sodium	ug/l	39000	20000		36700		35200		46900		40900		32100		22700		30300		16400		19900		10200		25700		5190
Thallium	ug/l	12	4							<	10		19.3		4.7		9	<	10	<	10	<	10	<	10		10.6
Vanadium	ug/l	24								<	30	<	30		0.96	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300								13		22.5		24.2		28.2		32.6		17.5		22		49.1		12.6
Boron	mg/l	131	1000							<	0.5	<	0.5		260		290		390	<	500	<	500	<	500	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			410		340		450		400		360		360		380		490		570		430		460		260
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4		14	<	4		8		8
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20		26	<	20		22		12	<	20	<	20		24	<	20	<	20	<	20
Chloride	mg/l	3.9	250		99		120		150		120		110		74.2		62.5		57.4		35		16.8		46.1		3.45
Color	Units	46	15								9		12		6		5		5		5		20		7	<	5
Cyanide	mg/l	9.2	0.1							<	0.01	<	0.01	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Hexavalent chromium	mg/l	0.031								<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5		0.8	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5		1.4	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2		0.7	<	0.2	<	0.2	<	0.2	<	0.2		0.8	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/l	26.1		<	3		4		5	<	3	<	3		4	<	3		3	<	3		6		3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		1100		800		1200		890		940		735		935		9200		730		583		1070		445
Sulfate	mg/l	66	250		360		92		260		250		32		160		242		164		173		196		303		170

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		Grey Till		MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	411370	MW-35	MW-35	MW-35	MW-35
Parameter	Units	Trigger	GW Std.	Feb-03	May-03	Aug-03	Nov-03	Feb-04	May-04	Aug-04	Nov-04	Feb-05	May-05	Aug-05	Dec-05
1,1,1,2-Tetrachloroethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	ug/l	1	1				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	ug/l	0.04	0.04				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4				< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene	ug/l	3	3				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	ug/l	0.6	0.6				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane	ug/l	1	1				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene	ug/l	3						< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene	ug/l	3	3				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Butanone	ug/l	NA					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	ug/l	NA					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	ug/l	NA					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	ug/l	NA					< 10	7	9	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	ug/l	5	5				< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	ug/l	1	1				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	ug/l	NA					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon disulfide	ug/l	NA					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon tetrachloride	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform	ug/l	7	7				< 5	< 5	< 5	< 5	2	< 5	< 5	< 5	< 5
Chloromethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	ug/l	NA					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromomethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Iodomethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene chloride	ug/l	5	5				< 5	< 5	5.6	< 5	8	< 5	< 5	< 5	< 5
Styrene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl acetate	ug/l	NA					< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Vinyl chloride	ug/l	2	2				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m,p-Xylene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	ug/l	5	5				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	ug/l	0.4	0.4				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	ug/l	5	5				< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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		Grey Till			MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08
Conductivity	umhos/cm	1153			652		735		974		1008		1213		516		1025		1221		1141		971		1230		1024
Eh	mV	426			-80		-75		-65		-5		29		-102		-179		-88		-82		-152		-40		-40
Field pH	SU	5.0 - 10.4	8.5		7.39		8.06		8.16		8.05		7.28		7.89		7.72		8.05		8.18		9.1		8.22		7.72
Temperature	degC	NA			2.7		12.2		18.3		11.9		9.8		9.2		18.6		13.4		4.4		11.3		18.8		11.1
Turbidity	NTU	15	5		0.31		5.69		3.46		1.35		2.2		3.35		9.26		12.9		9.21		11.31		5.7		1.96
Water Level	ft	NA			4.97		5.21		12.18		6.81		9.83		11.35		14.07		11.53		12.03		14.95		11.43		10.85
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2		2.5	<	0.2	<	0.2	<	0.2	R<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502		<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100		138	<	100		121	<	100
Antimony	ug/l	38	3	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	30
Arsenic	ug/l	6	25	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Barium	ug/l	229	1000	<	50		51.4		60.7		80.1		109		66.3		67.4		63.6		76.4		57.7		61.1		70.9
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	UJ	3	<	3	<	3	<	3
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5
Calcium	ug/l	128000			95400		96000		120000		161000		255000		168000		171000		197000		181000		185000		181000		227000
Chromium	ug/l	51	50	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	28	200		11.2	<	10	<	10		15.7	<	10	<	10	<	10	<	10		10.1	<	10	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			340		336		456		562		903		633		700		753		706		716000		756000		848000
Iron	ug/l	900	300		120		73.3		421		75		96.6	<	60		128		142	J	204		133		358	<	60
Lead	ug/l	4	25		14.2		5.56	<	3	<	3	<	3	<	3	<	3	<	3	UJ	3	<	3	<	3 R	<	3
Magnesium	ug/l	58600	35000		24700		23400		38000		39100		64700		51500		66500		63700	J	61400		61700		73800		68400
Manganese	ug/l	88	300		123		77		101	<	10	<	10		11.1		87.9		45.2	J	22.9		44.9		102	<	10
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Potassium	ug/l	*8000*			3650		5990		6120		6410		11000		7320		6700		7770		6500		5770		7390		7110
Selenium	ug/l	4	10		10.1	<	5		17		17.3		13.1		11.9		6.72	<	5	UJ	5	<	5	<	5	<	5
Silver	ug/l	39	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Sodium	ug/l	39000	20000		6400		4460		11000		7320		23100		14500		23000		16600		13800		14900		21600		11200
Thallium	ug/l	12	4		15.8		20.3		12	<	10	<	10	<	10	<	10	<	10	UJ	10	<	10	<	10	<	10
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300	<	10		20.9		30.3		20.2		13.6		11.8	<	10		13.5		14.5		10.7		46.3	<	10
Boron	mg/l	131	1000	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			260		310		360		420		420		430		450		440		450		470		490		530
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20		34	<	20		219	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		6.21		4.68		13		10.6		23.1		17.6		27.2		24.2		16		26.2		29.2		8.83
Color	Units	46	15		6		13		13		7		7		5		11	<	5	<	5	<	5		14	<	5
Cyanide	mg/l	9.2	0.1	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	UJ	10	<	0.01	<	0.01	<	0.01
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.25		0.4	<	0.2		2.39		1.01		1.98		0.32		0.88		1.08		0.387	<	0.2 UJ		3.82
Organic Carbon, Total	mg/l	26.1		<	3		4		3		4	<	3	<	3	<	3		3.1	<	3	<	3	<	3 J	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		557		510		702		718		828		702		893		1050		785		917		892		1010
Sulfate	mg/l	66	250		108		98.8		186		177		299		128		295		151		237		306		276		247

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		Grey Till			MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,3-Dichlorobenzene	ug/l	3		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acetone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroform	ug/l	7	7	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Iodomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Methylene chloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5J	<	5	<	5
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Vinyl acetate	ug/l	NA		<	5	<	5	<	5	<	5	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
m,p-Xylene	ug/l	5	5	<	10	<	10	<	10	<	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	50	<	50	<	50	<	50	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	5	<	5	<	5	<	5	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10

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		Grey Till			MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11				
Conductivity	umhos/cm	1153			1063		606		290		270		563		816		354		1096		11.36		1124		1276		1455				
Eh	mV	426			-43		220		171		238		312		298		152		-91		987		-54		-99		4				
Field pH	SU	5.0 - 10.4	8.5		7.77		6.65		7.54		6.28		6.54		7.19		7.4		7.21		118		7.3		7.44		7.36				
Temperature	degC	NA			5.6		15.2		17.7		10.1		6.2		13.8		21.2		12.2		7.81		22.7		24.1		16.2				
Turbidity	NTU	15	5		3.62		6.01		3.89		4.81		3.11		2.19		12.3		7.18		4.8		1.69		7.47		8.96				
Water Level	ft	NA			13.42		9.37		13.05		11.38		11.62		12.1		12.79		8.81		2.97		8.38		13.4		12.7				
Bromide	mg/l	1.5		<	2	<	0.2	<	0.2	<	0.2	<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	0.8	UJ<	0.8	UJ	8				
Aluminum	ug/l	502		<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100		217				
Antimony	ug/l	38	3	<	30	<	30	<	30	<	30	<	30	J<	5	<	5 uj	<	5	<	5	<	5	<	5	<	5				
Arsenic	ug/l	6	25	<	10	<	10	<	10	<	10	<UJ	10	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5				
Barium	ug/l	229	1000		60.3	<	50		56.9		54.6	<	50	<	50	<	50	<uj	50	<	50	<	50	<	50		59.3				
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	500	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5				
Calcium	ug/l	128000			204000		199000		227000		260000		203000		224000		202000		230000		188000		157000		186000		248000				
Chromium	ug/l	51	50	<	10	<	5	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10				
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20				
Copper	ug/l	28	200	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			839000		733000		966000		992000		818000		985000		928000		874000		794000		610000		819000		1000000				
Iron	ug/l	900	300	<	60	<	60	J	198		74.6	<	60		271		84.5	<	60	<	60	BJ	71.6		240		416				
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3				
Magnesium	ug/l	58600	35000		80200		57100		96900		83100		75300		103000		103000		72500		78800		52700		86100		93100				
Manganese	ug/l	88	300		22.6	<	10		155		67.5	<J	66.6		213		123		34.8	<	10	BJ	11.7		129		54.4				
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2				
Nickel	ug/l	50		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30				
Potassium	ug/l	*8000*			4980		6940		8380		9070	<J	6180		7280		7220		8050		5880		7340		5780	UJ	8070				
Selenium	ug/l	4	10	<	5	<	5	<	5	<	5	<	5	<	3		Reject	<	3	<	3	<	3	<	3	UJ	3				
Silver	ug/l	39	50	<	10	<	10	R	10	<	10	<	10	R<	10	<	Reject	<r	10	<	10	<	10		Rejected	<	10				
Sodium	ug/l	39000	20000		16200		8730		28600		17000		18000		29800		33500		13300		19500		9840		25000	J	29900				
Thallium	ug/l	12	4	<	10	<	10	UJ	10	<	10	<	10	<	3	<	3	<	3	<	3	<	3	<	3	<	3				
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30				
Zinc	ug/l	56	300	<	10	<	10	<	10		38.4		36.4		15.8	<	10		11.6		23.1		11.1	<	10	<	10				
Boron	mg/l	131	1000	<	500	<	500	<	5	<	500	<	500	<	500	<	500	<	500		620	<	500	<	500	<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			500		460		450		400	J	480		600		490	j	500	<	4	J	450	J	500		Rejected				
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<uj	4	<	20	<	4	UJ<	4	UJ	4				
Chemical Oxygen Demand	mg/l	48.5		<	20		21	<	20	<	20	<UJ	20	<	20	<	20	<	20		15.1	<	20	UJ<	20	J	23				
Chloride	mg/l	3.9	250		21.7		10.8	J	37.9		26.4		35.5		24.8		34.2		8.94		7		6	J	20.9	J	29.2				
Color	Units	46	15	<	5	<	5		8	<	5		6		10		9		6	<	10		6	J	5	UJ	5				
Cyanide	mg/l	9.2	0.1	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	0.01	<	10	UJ<	10	<	10				
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	UJ	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<uj	0.01	<	0.5	<	0.01	UJ<	0.01	UJ	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	UJ<	0.5	UJ	0.5				
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.593	<	0.5	<uj	0.5		0.107	<	0.5	J	1.12		Rejected				
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2		4.71	UJ	0.2	<	0.2		0.399		0.0701	<	0.05	j	0.551	<	3		0.915	UJ<	0.05	UJ	0.05				
Organic Carbon, Total	mg/l	26.1		<	3	<	3	UJ	3	<	3		4.8	<	3	<	3	<uj	3	<	0.005	<	3	UJ<	3	UJ	3				
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	UJ	0.005	<	0.005	<UJ	0.005	<	0.005	<	0.005	<uj	0.005		1000	UJ	0.005	UJ<	0.005	UJ	0.005				
Residue, Dissolved (TDS)	mg/l	582	500		956		860		1100		1100		1000		1100		1100		990		247		740	J	1000	J	880				
Sulfate	mg/l	66	250		472		259	J	358		487	J	249		476		337		253	<	500		154	J	337	J	422				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35		MW-35
Parameter	Units	Trigger	GW Std.		Feb-09		May-09		Aug-09		Nov-09		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	10	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	5	<	10	<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,3-Dichlorobenzene	ug/l	3		<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
Acetone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	J<	100	<	100	<	100	<	100	<	100	UJ<	100	UJ	100
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<UJ	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<uj	5	<	5	<	5	UJ<	5	UJ	5
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<uj	5	<	5	<	5	UJ<	5	UJ	5
Chloroform	ug/l	7	7	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<uj	5	<	5	<	5	UJ<	5	UJ	5
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Iodomethane	ug/l	5	5	<	5	<	5	UJ	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Methylene chloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<uj	5	<	5	<	5	UJ<	5	UJ	5
Vinyl acetate	ug/l	NA		<	50	<	50	<	50	<	50	<	50	J<	5	<	Reject	<	5	<	50	UJ	50	UJ<	50	UJ	50
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<uj	5	<	5	<	5	UJ<	5	UJ	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
m,p-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	10	<	10	<	10	<	5	<	5	UJ<	5	UJ	5
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	J<	50	<	50	<	50	<	5	<	5	UJ<	5	UJ	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10	<	10	<	10	<	10	J<	5	<	5	<	5	<	10	<	10	UJ<	10	UJ	10

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1	PPRS-1	PPRS-1	PPRS-1
Parameter	Units	Trigger	GW Std.		May-95		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97	Jun-97	Aug-97	Nov-97
Conductivity	umhos/cm	1153			582		668		710		610		553		608		820		767	611	641	737
Eh	mV	426			250		286		-10		311		240		183		117		282	184.1	216.6	258.1
Field pH	SU	5.0 - 10.4	8.5		7.5		7.6		7.5		7.6		7.6		7.3		7.7		7.5	7.58	7.49	7.69
Temperature	degC	NA																				
Turbidity	NTU	15	5		2		29		0.89	<	1		3		3		3		3	0.85	9.1	1.45
Water Level	ft	NA																				
Bromide	mg/l	1.5		<	1	<	1	<	0.1	<	1	<	0.1	<	1	<	1	<	1	u	u	u
Aluminum	ug/l	*502*							86.8	<	80.9									u		
Antimony	ug/l	38	3					<	29	<	29									u		
Arsenic	ug/l	6	25					<	5.5	<	5.5									u		
Barium	ug/l	229	1000						84		77.3									72		
Beryllium	ug/l	3						<	0.9	<	0.9									u		
Cadmium	ug/l	6	10	<	2.9	<	2.1	<	2.1	<	2.1	<	3.1	<	2.4	<	2.4	<	2.3	u	u	u
Calcium	ug/l	128000			72700		95100		95700		72900		72100		88000		82300		82200	70700	74400	77900
Chromium	ug/l	51	50					<	5.3		7.4									u		
Cobalt	ug/l	18						<	11.4	<	11.4									u		
Copper	ug/l	*28*	200						71	<	7									u		
Hardness, Total (mg/l CaCO3)	mg/l	NA			333		418		415		NA		183				376			323	335	353
Iron	ug/l	900	300		93		2830		115		35.3	<	20.7		68.6		67.9		35.4	47	156	61
Lead	ug/l	4	25	<	2.5		2.3	<	1.3	<	0.6	<	2.3	<	2.3	<	2.4	<	1	4	7	1
Magnesium	ug/l	58600	35000		36800		43800		42800		35500		35100		43800		41700		38800	35600	36300	38400
Manganese	ug/l	88	300		14.6		103		55		14		12.9		7.4		4.9		4.3	5	10	6
Mercury	ug/l	7	2					<	0.2	<	0.2									u		
Nickel	ug/l	50						<	14.4	<	14.4									u		
Potassium	ug/l	8000			2790		0.989		1860	<	640	<	2020		4000	<	1840		3180	5060	4150	3650
Selenium	ug/l	4	10					<	2.8	<	2.8									u		
Silver	ug/l	39	50					<	5.7	<	5.7									u		
Sodium	ug/l	39000	20000		5920		9.07		9510		6340		5870		7650		10200		6290	5310	7450	9520
Thallium	ug/l	12	4					<	4	<	4									u		
Vanadium	ug/l	24						<	8.3	<	8.3									u		
Zinc	ug/l	56	300						68.5		12.4									u		
Boron	mg/l	131	1000						49.7		15.8									u		
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			270		280		300		275		276		295		305		295	295	282	315
Biochemical Oxygen Demand	mg/l	19.8		<	2	<	2	<	2	<	2	<	2	<	2		3	<	2	u	u	u
Chemical Oxygen Demand	mg/l	48.5		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	u	u	u
Chloride	mg/l	3.9	250		11		17		23		13		9.7		13		22		10	7.26	16.7	21.7
Color	Units	46	15					<	5		5									10		
Cyanide	mg/l	9.2	0.1					<	0.01	<	0.01									u		
Hexavalent chromium	mg/l	0.031						<	0.02	<	0.02									u		
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	0.011	u	u
Nitrogen, Kjeldahl, Total	mg/l	1.9			1.96		1.12	<	1	<	1	<	1		1.96	<	1	<	1	u	u	u
Nitrogen, Nitrate (As N)	mg/l	0.2	10		1.04		1.025		0.733		2.3		1.5		1.48		1.4		1.57	1.02	1.43	1.01
Organic Carbon, Total	mg/l	26.1		<	1	<	1		1.3		1.5		1.2		1.4		2.91		1.2	1.1	2.2	1.4
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	0.004	u	0.004
Residue, Dissolved (TDS)	mg/l	582	500		353		380		353		323		340		342		378		352	341	330	381
Sulfate	mg/l	66	250		24		34		50		40		43		45		53		41	36	40	52

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till		PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1
Parameter	Units	Trigger	GW Std.	May-95	Aug-95	Nov-95	Feb-96	May-96	Aug-96	Nov-96	Feb-97	Jun-97	Aug-97	Nov-97
1,1,1,2-Tetrachloroethane	ug/l	5	5											
1,1,1-Trichloroethane	ug/l	5	5											
1,1,2,2-Tetrachloroethane	ug/l	5	5											
1,1,2-Trichloroethane	ug/l	1	1											
1,1-Dichloroethane	ug/l	5	5											
1,1-Dichloroethene	ug/l	5	5											
1,2,3-Trichloropropane	ug/l	0.04	0.04											
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4											
1,2-Dibromoethane	ug/l	5	5											
1,2-Dichlorobenzene	ug/l	3	3											
1,2-Dichloroethane	ug/l	0.6	0.6											
1,2-Dichloropropane	ug/l	1	1											
1,3-Dichlorobenzene	ug/l	3												
1,4-Dichlorobenzene	ug/l	3	3											
2-Butanone	ug/l	NA												
2-Hexanone	ug/l	NA												
4-Methyl-2-pentanone	ug/l	NA												
Acetone	ug/l	NA												
Acrylonitrile	ug/l	5	5			25								
Benzene	ug/l	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ug/l	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/l	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	ug/l	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ug/l	5	5											
Carbon disulfide	ug/l	NA												
Carbon tetrachloride	ug/l	5	5											
Chlorobenzene	ug/l	5	5											
Chloroethane	ug/l	5	5											
Chloroform	ug/l	7	7											
Chloromethane	ug/l	5	5											
Dibromochloromethane	ug/l	NA												
Dibromomethane	ug/l	5	5											
Ethylbenzene	ug/l	5	5											
Iodomethane	ug/l	5	5											
Methylene chloride	ug/l	5	5											
Styrene	ug/l	5	5											
Tetrachloroethene	ug/l	5	5											
Toluene	ug/l	5	5											
Trichloroethene	ug/l	5	5											
Trichlorofluoromethane	ug/l	5	5											
Vinyl acetate	ug/l	NA												
Vinyl chloride	ug/l	2	2											
cis-1,2-Dichloroethene	ug/l	5	5											
cis-1,3-Dichloropropene	ug/l	0.4	0.4											
m,p-Xylene	ug/l	5	5											
o-Xylene	ug/l	5	5											
trans-1,2-Dichloroethene	ug/l	5	5											
trans-1,3-Dichloropropene	ug/l	0.4	0.4											
trans-1,4-Dichloro-2-butene	ug/l	5	5											

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till		PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.	Feb-98	Sep-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q	Feb-01
Conductivity	umhos/cm	1153		674	769	690	672	641	736		771		712		626		720		774		692
Eh	mV	426		266.9	110.6	258.2	285.2	272.4	272.9		289.6		281.2		179.1		234.5		134.6		141.9
Field pH	SU	5.0 - 10.4	8.5	7.93	8.57	7.67	7.81	7.75	7.65		7.62		7.64		7.77		7.5		7.46		7.74
Temperature	degC	NA			12.3	10.4	8.6		13.4		9.6		8.7		12.6		12		11.9		11
Turbidity	NTU	15	5	1.45	5.36	3.7	14.2	6.5	1.5		1.5		3.45		4		2.5		7.5		2.5
Water Level	ft	NA																			
Bromide	mg/l	1.5		U	U	U	U	U	1	U	1	U	1	U	1	U	1	U	1	U	1
Aluminum	ug/l	*502*					U				84		75	U							
Antimony	ug/l	38	3				U				50	U	50	U							
Arsenic	ug/l	6	25				U				2	U	2	U							
Barium	ug/l	229	1000				77				82		76								
Beryllium	ug/l	3					U				2	U	2	U							
Cadmium	ug/l	6	10	U	U	U	U	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Calcium	ug/l	128000		70700	66800	74000	72000	73600	81700		75200		79000		70000		81300		75500		73300
Chromium	ug/l	51	50				U				10	U	10	U							
Cobalt	ug/l	18					U				10	U	10	U							
Copper	ug/l	*28*	200				U				17	U	17	U							
Hardness, Total (mg/l CaCO3)	mg/l	NA		317	300	341	318	546	370		343		357		317		366		342		333
Iron	ug/l	900	300	U	80	U	U	908	27	U	40	U	40	U	41		46		127		47
Lead	ug/l	4	25	7	2	1	U	6	1	U	1		3		1	U	2		2	U	1
Magnesium	ug/l	58600	35000	34200	32300	37900	34100	36800	40300		37700		38700		34600		39700		37200		36400
Manganese	ug/l	88	300	U	12	U	U	28	5	U	16		5	U	5	U	5	U	5	U	5
Mercury	ug/l	7	2				U				0.2	U	0.2	U							
Nickel	ug/l	50					U				14		12	U							
Potassium	ug/l	8000		5540	4850	3870	4330	5160	3670		4590		5000		3890		4240		4780		4890
Selenium	ug/l	4	10				U				2	U	2	U							
Silver	ug/l	39	50				U				10	U	10	U							
Sodium	ug/l	39000	20000	6380	4820	8890	5670	6520	10400		8380		7160		5700		8430		8570		7260
Thallium	ug/l	12	4				U				1	U	1	U							
Vanadium	ug/l	24					U				10	U	10	U							
Zinc	ug/l	56	300				U				20	U	20	U							
Boron	mg/l	131	1000				87				48	U	48	U							
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		279	361	322	311	295	323		343		325		277		303		290		309
Biochemical Oxygen Demand	mg/l	19.8		U	U	U	U	U	3	U	3	U	3	U	6		3		3	U	3
Chemical Oxygen Demand	mg/l	48.5		U	U	U	U	U	5	U	10	U	10	U	10	U	10	U	10	U	10
Chloride	mg/l	3.9	250	12	8.15	18.1	10.6	10.8	23.6		18		16.5		10.1		17.4		15.4		13.6
Color	Units	46	15				U				10		10								
Cyanide	mg/l	9.2	0.1		U		U				0.01	U	0.01	U							
Hexavalent chromium	mg/l	0.031			U		U				0.01	U	0.01	U							
Nitrogen, Ammonia (As N)	mg/l	1	2	U	U	U	U	0.1	0.01	U	0.1	U	0.111		0.1	U	0.1	U	0.1	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		1.62	U	U	U	U	1	U	1	U	1	U	1	U	1	U	2.74	U	1
Nitrogen, Nitrate (As N)	mg/l	0.2	10	1.45	1.19	0.72	1.32	0.96	1.07		1.68		1.13		1.85		1.44		1.22		1.27
Organic Carbon, Total	mg/l	26.1		1.2	1.6	1.2	1.3	2.2	1	U	2.1		1.8		1.2		1.5		1.6		1.4
Phenolics, Total Recoverable	mg/l	0.0088	0.001	U	U	U	U	U	0.001	U	0.00533		0.004	U	0.004	U	0.004	U	0.004	U	0.004
Residue, Dissolved (TDS)	mg/l	582	500	338	328	415	372	381	414		438		383		377		396		404		383
Sulfate	mg/l	66	250	61	49	27	41	45	58		61		57		48		64		83		62

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FRANKLIN COUNTY LANDFILL

		Grey Till		PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1	PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.	Feb-98	Sep-98	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q	Feb-01
1,1,1,2-Tetrachloroethane	ug/l	5	5										5	U							
1,1,1-Trichloroethane	ug/l	5	5										5	U							
1,1,2,2-Tetrachloroethane	ug/l	5	5										5	U							
1,1,2-Trichloroethane	ug/l	1	1										5	U							
1,1-Dichloroethane	ug/l	5	5										5	U							
1,1-Dichloroethene	ug/l	5	5										5	U							
1,2,3-Trichloropropane	ug/l	0.04	0.04										5	U							
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4										5	U							
1,2-Dibromoethane	ug/l	5	5										5	U							
1,2-Dichlorobenzene	ug/l	3	3										2	U							
1,2-Dichloroethane	ug/l	0.6	0.6										5	U							
1,2-Dichloropropane	ug/l	1	1										5	U							
1,3-Dichlorobenzene	ug/l	3																			
1,4-Dichlorobenzene	ug/l	3	3										2	U							
2-Butanone	ug/l	NA																			
2-Hexanone	ug/l	NA											10	U							
4-Methyl-2-pentanone	ug/l	NA																			
Acetone	ug/l	NA											25	U							
Acrylonitrile	ug/l	5	5										20	U							
Benzene	ug/l	1	1	NA	NA	NA	NA	NA	NA		NA		0.7	U							
Bromochloromethane	ug/l	5	5	NA	NA	NA	NA	NA	NA		NA		5	U							
Bromodichloromethane	ug/l	5	5	NA	NA	NA	NA	NA	NA		NA		5	U							
Bromoform	ug/l	NA		NA	NA	NA	NA	NA	NA		NA		5	U							
Bromomethane	ug/l	5	5										5	U							
Carbon disulfide	ug/l	NA											5	U							
Carbon tetrachloride	ug/l	5	5										5	U							
Chlorobenzene	ug/l	5	5										5	U							
Chloroethane	ug/l	5	5										5	U							
Chloroform	ug/l	7	7										5	U							
Chloromethane	ug/l	5	5										5	U							
Dibromochloromethane	ug/l	NA											5	U							
Dibromomethane	ug/l	5	5										5	U							
Ethylbenzene	ug/l	5	5										5	U							
Iodomethane	ug/l	5	5										5	U							
Methylene chloride	ug/l	5	5										5	U							
Styrene	ug/l	5	5										5	U							
Tetrachloroethene	ug/l	5	5										5	U							
Toluene	ug/l	5	5										5	U							
Trichloroethene	ug/l	5	5										5	U							
Trichlorofluoromethane	ug/l	5	5										5	U							
Vinyl acetate	ug/l	NA											5	U							
Vinyl chloride	ug/l	2	2										2	U							
cis-1,2-Dichloroethene	ug/l	5	5										5	U							
cis-1,3-Dichloropropene	ug/l	0.4	0.4										5	U							
m,p-Xylene	ug/l	5	5										5	U							
o-Xylene	ug/l	5	5										5	U							
trans-1,2-Dichloroethene	ug/l	5	5										5	U							
trans-1,3-Dichloropropene	ug/l	0.4	0.4										5	U							
trans-1,4-Dichloro-2-butene	ug/l	5	5										5	U							

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS - 1		PPRS - 1		PPRS - 1		PPRS - 1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
Conductivity	umhos/cm	1153			681		694		560		511		525		672		547		640		580		762		620
Eh	mV	426			219.9		61		79	-	83		78		43		85		85		64		85		92
Field pH	SU	5.0 - 10.4	8.5		7.35		7.66		8.44		7.7		7.8		7.1		7.16		7.54		8.01		8.46		7.81
Temperature	degC	NA			13.9		19		12.6		9.3		13		17		11		7		14		17		12
Turbidity	NTU	15	5		1.75		6		3		3		1.2		2		2		5		5		12		3
Water Level	ft	NA																							
Bromide	mg/l	1.5		U	1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.7	<	0.2	<	0.2
Aluminum	ug/l	*502*		U	75									<	100									<	100
Antimony	ug/l	38	3	U	50									<	15									<	15
Arsenic	ug/l	6	25	U	2									<	10									<	10
Barium	ug/l	229	1000		68										91.9										103
Beryllium	ug/l	3		U	2									<	3									<	3
Cadmium	ug/l	6	10	U	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			78000		71600		73000		69400		65500		82100		75900		85400		72000		80000		81400
Chromium	ug/l	51	50	U	10									<	5									<	5
Cobalt	ug/l	18		U	10		1							<	20									<	20
Copper	ug/l	*28*	200	U	17									<	10									<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			349		321		335		325		298		370		340		380		320		360		370
Iron	ug/l	900	300		56		103		77.1	<	60	<	60		65	<	60		4240		271	<	60		105
Lead	ug/l	4	25		3	<	3	<	3		3.8	<	3	<	3	<	3	<	12	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		37400		34500		37100		36800		32600		39900		37400		37665		37748		37847		37931
Manganese	ug/l	88	300	U	5	<	10	<	10	<	10	<	10		13.2	<	10		88.2	<	10	<	10		18.4
Mercury	ug/l	7	2	U	0.2									<	0.20									<	0.2
Nickel	ug/l	50		U	12									<	30									<	30
Potassium	ug/l	8000			3920		3600		4520		5270		4300		4340		3740		4880		4180		5430		4210
Selenium	ug/l	4	10	U	2									<	5									<	5
Silver	ug/l	39	50	U	10									<	10									<	10
Sodium	ug/l	39000	20000		7230		9790		11500		8100		5910		8480		11300		14200		7090		9110		10100
Thallium	ug/l	12	4	U	1									<	10									<	10
Vanadium	ug/l	24		U	10									<	30									<	30
Zinc	ug/l	56	300	U	20										17										13.9
Boron	mg/l	131	1000	U	48									<	0.5									<	0.5
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			296		320		320		290		350		340		210		320		290		320		310
Biochemical Oxygen Demand	mg/l	19.8		U	3	<	4	<	4	<	4	<	4	<	4		9	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		U	10	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		14		23		30		22		12		18		29		20		16		23		22
Color	Units	46	15	U	5										8										6
Cyanide	mg/l	9.2	0.1	U	0.01									<	0.01									<	0.01
Hexavalent chromium	mg/l	0.031		U	0.01									<	0.01									<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	U	0.1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		U	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.9	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		3.06		1.5		1.4		1.9		1.9		1.8		1.4		1.6		1.6		2.2		2.2
Organic Carbon, Total	mg/l	26.1		J	1.6		2	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	U	0.004	<	0.005		0.007	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		422		420		450		400		370		470		420		450		380		680		490
Sulfate	mg/l	66	250		56		57		63		51		52		55		58		110		49		60		43

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HISTORICAL DATABASE
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		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS - 1		PPRS - 1		PPRS - 1		PPRS - 1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.	Q	May-01		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03
1,1,1,2-Tetrachloroethane	ug/l	5	5	U	5									<	5									<	5
1,1,1-Trichloroethane	ug/l	5	5	U	5									<	5									<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	U	5									<	5									<	5
1,1,2-Trichloroethane	ug/l	1	1	U	5									<	5									<	5
1,1-Dichloroethane	ug/l	5	5	U	5									<	5									<	5
1,1-Dichloroethene	ug/l	5	5	U	5									<	5									<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	U	5									<	5									<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	U	5									<	10									<	10
1,2-Dibromoethane	ug/l	5	5	U	5									<	5									<	5
1,2-Dichlorobenzene	ug/l	3	3	U	2									<	5									<	5
1,2-Dichloroethane	ug/l	0.6	0.6	U	5									<	5									<	5
1,2-Dichloropropane	ug/l	1	1	U	5									<	5									<	5
1,3-Dichlorobenzene	ug/l	3																							
1,4-Dichlorobenzene	ug/l	3	3	U	2									<	5									<	5
2-Butanone	ug/l	NA																						<	10
2-Hexanone	ug/l	NA		U	10									<	10									<	10
4-Methyl-2-pentanone	ug/l	NA																						<	10
Acetone	ug/l	NA		U	25									<	10									<	10
Acrylonitrile	ug/l	5	5	U	20									<	100									<	100
Benzene	ug/l	1	1	U	0.7									<	5									<	5
Bromochloromethane	ug/l	5	5	U	5									<	5									<	5
Bromodichloromethane	ug/l	5	5	U	5									<	5									<	5
Bromoform	ug/l	NA		U	5									<	5									<	5
Bromomethane	ug/l	5	5	U	5									<	5									<	5
Carbon disulfide	ug/l	NA		U	5									<	5									<	5
Carbon tetrachloride	ug/l	5	5	U	5									<	5									<	5
Chlorobenzene	ug/l	5	5	U	5									<	5									<	5
Chloroethane	ug/l	5	5	U	5									<	5									<	5
Chloroform	ug/l	7	7	U	5									<	5									<	5
Chloromethane	ug/l	5	5	U	5									<	5									<	5
Dibromochloromethane	ug/l	NA		U	5									<	5									<	5
Dibromomethane	ug/l	5	5	U	5									<	5									<	5
Ethylbenzene	ug/l	5	5	U	5									<	5									<	5
Iodomethane	ug/l	5	5	U	5									<	5									<	5
Methylene chloride	ug/l	5	5	U	5									<	5									<	5
Styrene	ug/l	5	5	U	5									<	5									<	5
Tetrachloroethene	ug/l	5	5	U	5									<	5									<	5
Toluene	ug/l	5	5	U	5									<	5									<	5
Trichloroethene	ug/l	5	5	U	5									<	5									<	5
Trichlorofluoromethane	ug/l	5	5	U	5									<	5									<	5
Vinyl acetate	ug/l	NA		U	5									<	50									<	50
Vinyl chloride	ug/l	2	2	U	2									<	5									<	5
cis-1,2-Dichloroethene	ug/l	5	5	U	5									<	5									<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	U	5									<	5									<	5
m,p-Xylene	ug/l	5	5	U	5									<	5									<	5
o-Xylene	ug/l	5	5	U	5									<	5									<	5
trans-1,2-Dichloroethene	ug/l	5	5	U	5									<	5									<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	U	5									<	5									<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	U	5									<	10									<	10

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		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
Conductivity	umhos/cm	1153			685		565		730		710		557		630		874		782		766		1278		804		973
Eh	mV	426			50		35		75		85		65		65		65		110		110		-80		-70		65
Field pH	SU	5.0 - 10.4	8.5		7.62		7.05		7.42		7.8		7.55		7.58		7.63		7.69		7.46		7.96		8.28		7.98
Temperature	degC	NA			9		14		15		12		9		13		19		7.8		10.3		15.5		20		15.3
Turbidity	NTU	15	5		14		7		2		4		4		2		1		1.06		10.6		5.82		4.85		1.17
Water Level	ft	NA																									
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	*502*			139		124	<	100	<	100	<	100		1200		518	<	100	<	100	<	100	<	100	<	100
Antimony	ug/l	38	3	<	15		4.2		40.3		27		28	<	15	<	15	<	15	<	15	<	15	<	15	<	15
Arsenic	ug/l	6	25	<	10	<	10		32.7	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Barium	ug/l	229	1000		73.3		86.7		85.7		81		81.6	<	50		93.7		72.7		76.3		69.7		105		77.4
Beryllium	ug/l	3		<	3		0.82	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	ug/l	6	10	<	5		0.94	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			71500		75100		81400		80600		77500		47500		92800		78900		89300		78400		94500		93600
Chromium	ug/l	51	50	<	5		1.9	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Cobalt	ug/l	18		<	20		0.57	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	*28*	200	<	10		17.9		20		7.4	<	10		60.2		11.6	<	10		11.6	<	10	<	10		12.6
Hardness, Total (mg/l CaCO3)	mg/l	NA			330		350		321		370		349		165		418		350		383		343		419		400
Iron	ug/l	900	300	<	60		416		126		111		288		71.4		214		264	<	60		105		120		135
Lead	ug/l	4	25	<	3		2.8		3.67	<	3	<	3	<	3		4.33	<	3		15.3	<	8.64	<	3	<	3
Magnesium	ug/l	58600	35000		35900		38400		42700		41000		37700		11300		45100		37100		38800		35800		44400		40300
Manganese	ug/l	88	300		15.7		140		29.4		27.1		131	<	10		29.7		164		12.7		51.8		98.5		95.5
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50		<	30		4.7		5.1	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Potassium	ug/l	8000			3380		3460		4750		3640		4050		1830		4040		3480		3570		4060		4630		3380
Selenium	ug/l	4	10	<	5		1.6	<	5	<	5	<	5	<	5		15.8	<	5		8.96	<	5		8.48		8.88
Silver	ug/l	39	50	<	10		0.8	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Sodium	ug/l	39000	20000		6920		8340		12300		11100		8120		18800		17200		8540		9930		10400		12600		11900
Thallium	ug/l	12	4		32.6		8.2		7.2	<	10	<	10	<	10	<	10	<	10		14	<	10	<	10	<	10
Vanadium	ug/l	24		<	30		1.2	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300		29.7		19.4		37.3		29.7		13.6		41.8		133		25.8	<	10		20.5		30.5	<	10
Boron	mg/l	131	1000	<	0.5		110	<	500		130	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			310		310	<	10		440		330		150		360		280		260		300		320		330
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4		5	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20		12	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		18		21.4		44.7		33.2		20.4		24		38		18.2		21.5		24.9		24.9		30.2
Color	Units	46	15		5		7		5		5		5		10	<	5	<	5		6		12		10		7
Cyanide	mg/l	9.2	0.1	<	0.01	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5		1.32	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		1.1		1.3		0.3		1.2		1.3	<	0.2	<	0.2		1.2		1.6		1.8		1.1		1.53
Organic Carbon, Total	mg/l	26.1		<	3		4	<	3		73	<	3	<	3	<	3	<	3	<	3		3	<	3		3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.016	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		410		440		462		372		475		255		467		475		505		530		530		507
Sulfate	mg/l	66	250		59		86.9		83.1		100		52.6		14.8		65.2		96.9		95.7		69.3		81.4		95.8

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Parameter	Units	Trigger	GW Std.		Feb-04		May-04		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,3-Dichlorobenzene	ug/l	3				<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acetone	ug/l	NA		<	10		9	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroform	ug/l	7	7	<	5	<	5	<	5		2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Iodomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Methylene chloride	ug/l	5	5	<	5		4	<	5		13	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Vinyl acetate	ug/l	NA		<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	5	<	5	<	5	<	5
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
m,p-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10	<	10	<	10	<	10
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	50	<	50	<	50	<	50
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	5	<	5	<	5	<	5

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Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	1153			656		765		530		1933		741		1236		482		1017		595		506		407		219
Eh	mV	426			-40		-127		-184		-122		-102		-93		-58		-64		-39		192		173		155
Field pH	SU	5.0 - 10.4	8.5		8.07		8.29		10.08		8.67		8.84		8.28		8.7		8.16		7.71		7.14		7.54		7.76
Temperature	degC	NA			13.1		11.8		20		17.3		11.6		16.4		19.9		9.3		12.5		21.4		18.8		12.2
Turbidity	NTU	15	5		3.63		4.15		3.82		2.89		1.85		1.51		1.18		5.24		0.49		2.18		0.85		6.29
Water Level	ft	NA																									
Bromide	mg/l	1.5		<	2	<	0.2	<	0.2	<	0.2	R<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	2	<	0.2	<	0.2
Aluminum	ug/l	*502*			412	<	100		763	<	100	<	100		151	<	100	<	100	<	100	<	100	<	100	<	100
Antimony	ug/l	38	3	<	15	<	15	<	15	<	15	<	15	<	15	<	15	<	30		94.6	<	30	<	30	<	30
Arsenic	ug/l	6	25	<	10	<	10	<	10	<	10	<	10		11.4		13.5	<	10	<	10	<	10	<	10	<	10
Barium	ug/l	229	1000		83.8		81.3		107		109		85.8		105		74.7		84.2		72		73.4		86.2		80.1
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	UJ	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	500	<	5
Calcium	ug/l	128000			85600		91500		98300		114000		92900		107000		80300		91500		80500		94000		104000		104000
Chromium	ug/l	51	50	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10	<	10	<	5	<	10	<	10
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	*28*	200	<	10	<	10		12.8	<	10		10.2	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			375		403		432		495		412		465000		360000		408000		374000		411000		465000		455000
Iron	ug/l	900	300		1330		75.3		2290	<	60	UJ	60		518	<	60		330	<	60	<	60	UJ	60		80.5
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	UJ	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		39200		42400		45400		51000	J	43700		47700		38900		43700		42000		42900		49600		47300
Manganese	ug/l	88	300		263		14.4		753		36.1	J	11.3		30.6	<	10		12	<	10	<	10	<	10		13
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Potassium	ug/l	8000			4400		3410		3640		2820		4420		3380		3650		3270		2020		3170		3190	<	5000
Selenium	ug/l	4	10	<	5		8.86		11.1	<	5	UJ	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Silver	ug/l	39	50	<	10	<	10	<	10	<	10		12	<	10	<	10	<	10	<	10		14.1	R	10	<	10
Sodium	ug/l	39000	20000		9910		11900		12400		15800		9960		14300		10500		12100		8020		11500		14900		14900
Thallium	ug/l	12	4	<	10	<	10	<	10	<	10	UJ	10	<	10	<	10	<	10	<	10	<	10	UJ	10	<	10
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300		28.5	<	10		20.8		13.4		25.9		13.7		84.6	<	10	<	10	<	10	<	10		26
Boron	mg/l	131	1000	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	5	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			270		340		340		360		320		310		320		330		320		310		330		280
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		24		23	<	20	<	20
Chloride	mg/l	3.9	250		20.4		28.6		24		33.9		19.7		33.5		34.7		25.6		17.9		26.4	J	25.4		38.6
Color	Units	46	15		7		5		10	<	5	<	5	<	5		11		10	<	5	<	5		5	<	5
Cyanide	mg/l	9.2	0.1	<	10	<	10	<	10	<	10	UJ	10	<	0.01	<	0.01	<	0.01	<	10	<	10	<	10	<	10
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	UJ	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		1.71		1.82		1.36		0.995		1.62		1.3		1.1 J		1.17		0.646		1.04	J	0.829		0.862
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3	<	3	<	3	<	3	<	3 J	<	3	<	3	<	3	UJ	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005		0.006	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.056	<	0.005	<	0.005	UJ	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		430		420		438		602		450		692		423		467		388		450		450		430
Sulfate	mg/l	66	250		87		94.3		65.8		125		93.2		169		69		65.4		86.1		74	J	56.8		96.4

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		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.		Feb-07		May-07		Aug-07		Nov-07		Feb-08		May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10	<	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	5	<	10
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,3-Dichlorobenzene	ug/l	3		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acetone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100	<	100
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloroform	ug/l	7	7	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Iodomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5	<	5
Methylene chloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		6.7	<	5	<	5	<	5	<	5
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5J	<	5	<	5	<	5	<	5	<	5	<	5
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Vinyl acetate	ug/l	NA		<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50	<	50
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
m,p-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10

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		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1153			1939		436		323		772		731		840		893		807
Eh	mV	426			176		259		181		124		142		90		94		63
Field pH	SU	5.0 - 10.4	8.5		7.29		7		7.6		8		7.75		7.29		7.39		7.68
Temperature	degC	NA			11.9		14.8		19.4		12.7		6.8		20.7		28.8		15.7
Turbidity	NTU	15	5		12.3		1.51		8.48		2.59		1.06		0.56		3.67		0.18
Water Level	ft	NA																	
Bromide	mg/l	1.5		<	0.4	<	0.8	<	0.8	<	1.6	<	0.8	UJ	0.8	UJ<	0.8	UJ	8
Aluminum	ug/l	*502*		<	100	<	100	<	100	<	100		225	<	100	<	100	<	100
Antimony	ug/l	38	3	<	30	J<	5	<	5 uj	<	5	<	5	<	5	<	5	<	5
Arsenic	ug/l	6	25	J	16	<	5	<	5	<	5	<	5	<	5	<	5	UJ	5
Barium	ug/l	229	1000		93.1		84		76	bj	83		311		81	<	50		84.3
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			119000		104000		95500		99700		112000		97600		191000		101000
Chromium	ug/l	51	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	ug/l	*28*	200	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA			516000		456000		421000		439000		496000		426000		833000		444000
Iron	ug/l	900	300		97.1	<	60	<	60	<	60		66.2	UJ	60		247		70.8
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		53000		47500		44300		46200		52600		44300		86600		46700
Manganese	ug/l	88	300	<J	69.7	<	10		17	<	10		26.5	J	48.1		131		29.8
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	ug/l	50		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Potassium	ug/l	8000		<UJ	5000	<	5000	<	5000		6230	<	5000	<	5000		5770	UJ	5000
Selenium	ug/l	4	10	<	5	<	3	<	3		3.3	<	3	<	3	<	3	UJ	3
Silver	ug/l	39	50	<	10	R<	10	<	Reject	<r	10	<	10	<	10		Rejected	<	10
Sodium	ug/l	39000	20000		16700		14700		14100		19500		20200		16600		25700	J	20500
Thallium	ug/l	12	4	<	10	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	ug/l	56	300		25.4	<	10	<	10	<	10		21.4	<	10	<	10		15.1
Boron	mg/l	131	1000	<	500	<	500	<	500	<	500	<	500	<	500	<	500	<	500
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		J	360		320		310	j	330		340	J	340	J	350	J	360
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<uj	4	<	4	<	4	UJ<	4	UJ	4
Chemical Oxygen Demand	mg/l	48.5		<UJ	20	<	20	<	20	<	20	<	20	<	20	UJ<	20	UJ	20
Chloride	mg/l	3.9	250		27.8		25.7		27.6		27.6		28.5		30.4	J	34	J	31.6
Color	Units	46	15		6		6		7		6		9		5	J	5	UJ	5
Cyanide	mg/l	9.2	0.1	<	10	<	10	<	10	<	10	<	10	<	10	UJ<	10	<	10
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.01	<uj	0.01	<	0.01	<	0.01	UJ<	0.01	UJ	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	UJ<	0.5	UJ	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<uj	0.5	<	0.5	<	0.5	J	0.59	UJ	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.428		1.1		0.939	j	1.16		0.701		1.45	J	1.22		Rejected
Organic Carbon, Total	mg/l	26.1			4.1	<	3	<	3	<uj	3	<	3	<	3	UJ<	3	UJ	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<UJ	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	UJ<	0.005	UJ	0.005
Residue, Dissolved (TDS)	mg/l	582	500		600		540		600		480		550		560	J	610	J	390
Sulfate	mg/l	66	250	J	94.6		80.7		85.3		82.5		133		97.8	J	66.2	J	99.2

ENVIRONMENTAL MONITORING
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		Grey Till			PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1		PPRS-1
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,1-Trichloroethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1,2-Trichloroethane	ug/l	1	1	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1-Dichloroethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,1-Dichloroethene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
1,2-Dibromoethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichlorobenzene	ug/l	3	3	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,2-Dichloropropane	ug/l	1	1	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,3-Dichlorobenzene	ug/l	3		<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
1,4-Dichlorobenzene	ug/l	3	3	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
2-Butanone	ug/l	NA		<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
2-Hexanone	ug/l	NA		<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
4-Methyl-2-pentanone	ug/l	NA		<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
Acetone	ug/l	NA		<	10	J<	10	<	10	<	10	<	10	<	10	UJ<	10	UJ	10
Acrylonitrile	ug/l	5	5	<	100	J<	100	<	100	<	100	<	100	<	100	UJ<	100	UJ	100
Benzene	ug/l	1	1	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromochloromethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromodichloromethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromoform	ug/l	NA		<UJ	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Bromomethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	UJ	5	UJ<	5	UJ	5
Carbon disulfide	ug/l	NA		<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Carbon tetrachloride	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chlorobenzene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chloroethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chloroform	ug/l	7	7	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Chloromethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Dibromochloromethane	ug/l	NA		<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Dibromomethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Ethylbenzene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Iodomethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Methylene chloride	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Styrene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Tetrachloroethene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Toluene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Trichloroethene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Trichlorofluoromethane	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
Vinyl acetate	ug/l	NA		<	50	J<	5	<	5	<	5	<	50	<	50	UJ<	50	UJ	50
Vinyl chloride	ug/l	2	2	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
cis-1,2-Dichloroethene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
m,p-Xylene	ug/l	5	5	<	5	J<	10	<	10	<	10	<	5	<	5	UJ<	5	UJ	5
o-Xylene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
trans-1,2-Dichloroethene	ug/l	5	5	<	5	J<	5	<	5	<	5	<	5	<	5	UJ<	5	UJ	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	J<	50	<	50	<	50	<	5	<	5	UJ<	5	UJ	5
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	J<	5	<	5	<	5	<	10	<	10	UJ<	10	UJ	10

ENVIRONMENTAL MONITORING
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		Grey Till			PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2
Parameter	Units	Trigger	GW Std.		Aug-95		Nov-95		Feb-96		May-96		Aug-96		Nov-96		Feb-97		Jun-97	Aug-97	Nov-97	Feb-98	May-98
Conductivity	umhos/cm	1153			564		622		592		636		617		1006		926		727	802	818	910	835
Eh	mV	426			287		-16		337		282		176		112		270		166.4	249.1	225.4	265.9	162
Field pH	SU	5.0 - 10.4	8.5		7.5		7.7		7.7		7.7		7.7		7.7		7.7		7.37	7.32	7.85	7.72	8.28
Temperature	degC	NA																					12
Turbidity	NTU	15	5		9		2.1		1		2		2		3		3		0.75	41.9	7.4	3.4	6.7
Water Level	ft	NA																					
Bromide	mg/l	1.5		<	1	<	0.1	<	1	<	0.1	<	1	<	1	<	1		u	u	u	U	U
Aluminum	ug/l	502				<	80.9	<	80.9										u				
Antimony	ug/l	38	3			<	29	<	29										u				
Arsenic	ug/l	6	25			<	5.5	<	5.5										u				
Barium	ug/l	229	1000				56.4		48.7										59				
Beryllium	ug/l	3				<	0.9	<	0.9										u				
Cadmium	ug/l	6	10	<	2.1	<	2.1	<	2.1	<	3.1	<	2.4	<	2.4	<	2.3		u	u	u	U	U
Calcium	ug/l	128000			68400		80900		70900		80200		76500		79200		81900		78600	82000	86400	89600	82300
Chromium	ug/l	51	50			<	5.3	<	5.3										u				
Cobalt	ug/l	18				<	11.4	<	11.4										u				
Copper	ug/l	28	200				51.8	<	7										u				
Hardness, Total (mg/l CaCO3)	mg/l	NA			185		363		NA		NA		183		365				355	335	387	394	361
Iron	ug/l	900	300		1840		96.6		71.5	<	20.7		48.8		45.7		36.9		128	1250	492	U	81
Lead	ug/l	4	25	<	1.3	<	1.3	<	0.6	<	2.3	<	2.3	<	2.4		2.6		2	10	3	1	2
Magnesium	ug/l	58600	35000		35000		39000		33800		37600		39000		40500		38600		38600	31600	41500	41300	37700
Manganese	ug/l	88	300		60.7	<	3		27	<	3.1		4.1		71	<	1.8		7	84	413	9	17
Mercury	ug/l	7	2			<	0.2	<	0.2										u				
Nickel	ug/l	50				<	14.4	<	14.4										u				
Potassium	ug/l	8000		<	456	<	456	<	640	<	2020	<	1840	<	1840	<	838		1940	17200	2050	2630	2050
Selenium	ug/l	4	10			<	2.8	<	2.8										u				
Silver	ug/l	39	50			<	5.7	<	5.7										u				
Sodium	ug/l	39000	20000		9000		8260		5730		13200		19700		18100		14500		16200	26400	22200	19500	18800
Thallium	ug/l	12	4			<	4		5.2										u				
Vanadium	ug/l	24				<	8.3	<	8.3										u				
Zinc	ug/l	56	300				56.3		14.5										21				
Boron	mg/l	131	1000				42.2	<	15.8										u				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			232		260		240		245		260		260		255		262	194	269	277	332
Biochemical Oxygen Demand	mg/l	19.8		<	2	<	2	<	2	<	2	<	2	<	2	<	2		u	u	u	U	U
Chemical Oxygen Demand	mg/l	48.5		<	5	<	5	<	5	<	5	<	5	<	5	<	5		u	u	u	U	U
Chloride	mg/l	3.9	250		5.65		7		7.4		33		47		34		31		33.6	88.5	63.8	69.8	57.6
Color	Units	46	15			<	5		5										10				
Cyanide	mg/l	9.2	0.1			<	0.01	<	0.01										u				
Hexavalent chromium	mg/l	0.031				<	0.02	<	0.02										u				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1		u	0.235	0.031	U	0.164
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	1	<	1	<	1	<	1		1.12	<	1	<	1		u	u	u	U	U
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.174		0.242		0.49		0.694		0.36		0.18		0.4		0.375	0.646	0.133	0.482	0.359
Organic Carbon, Total	mg/l	26.1			1.2	<	1	<	1	<	1		1.1	<	1		1		1.2	3.4	1.1	1.1	1.5
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002		u	0.029	u	U	U
Residue, Dissolved (TDS)	mg/l	582	500		312		323		328		400		388		378		425		400	444	477	506	454
Sulfate	mg/l	66	250		43.8		95		77		84		79		80		86		77	70	86	110	100

ENVIRONMENTAL MONITORING
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		Grey Till		PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2	PPRS-2
Parameter	Units	Trigger	GW Std.	Aug-95	Nov-95	Feb-96	May-96	Aug-96	Nov-96	Feb-97	Jun-97	Aug-97	Nov-97	Feb-98	May-98
1,1,1,2-Tetrachloroethane	ug/l	5	5												
1,1,1-Trichloroethane	ug/l	5	5												
1,1,2,2-Tetrachloroethane	ug/l	5	5												
1,1,2-Trichloroethane	ug/l	1	1												
1,1-Dichloroethane	ug/l	5	5												
1,1-Dichloroethene	ug/l	5	5												
1,2,3-Trichloropropane	ug/l	0.04	0.04												
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4												
1,2-Dibromoethane	ug/l	5	5												
1,2-Dichlorobenzene	ug/l	3	3												
1,2-Dichloroethane	ug/l	0.6	0.6												
1,2-Dichloropropane	ug/l	1	1												
1,3-Dichlorobenzene	ug/l	3													
1,4-Dichlorobenzene	ug/l	3	3												
2-Butanone	ug/l	NA													
2-Hexanone	ug/l	NA													
4-Methyl-2-pentanone	ug/l	NA													
Acetone	ug/l	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ug/l	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ug/l	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ug/l	5	5												
Bromodichloromethane	ug/l	5	5												
Bromoform	ug/l	NA													
Bromomethane	ug/l	5	5												
Carbon disulfide	ug/l	NA													
Carbon tetrachloride	ug/l	5	5												
Chlorobenzene	ug/l	5	5												
Chloroethane	ug/l	5	5												
Chloroform	ug/l	7	7												
Chloromethane	ug/l	5	5												
Dibromochloromethane	ug/l	NA													
Dibromomethane	ug/l	5	5												
Ethylbenzene	ug/l	5	5												
Iodomethane	ug/l	5	5												
Methylene chloride	ug/l	5	5												
Styrene	ug/l	5	5												
Tetrachloroethene	ug/l	5	5												
Toluene	ug/l	5	5												
Trichloroethene	ug/l	5	5												
Trichlorofluoromethane	ug/l	5	5												
Vinyl acetate	ug/l	NA													
Vinyl chloride	ug/l	2	2												
cis-1,2-Dichloroethene	ug/l	5	5												
cis-1,3-Dichloropropene	ug/l	0.4	0.4												
m,p-Xylene	ug/l	5	5												
o-Xylene	ug/l	5	5												
trans-1,2-Dichloroethene	ug/l	5	5												
trans-1,3-Dichloropropene	ug/l	0.4	0.4												
trans-1,4-Dichloro-2-butene	ug/l	5	5												

ENVIRONMENTAL MONITORING
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FRANKLIN COUNTY LANDFILL

		Grey Till		PPRS-2	PPRS-2	PPRS-2	PPRS-2		PPRS-2		PPRS - 2		PPRS - 2		PPRS-2		PPRS - 2			PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q	Q	Feb-01	Q	May-01
Conductivity	umhos/cm	1153		727	879	700	765		885		747		760		723		772			791		781
Eh	mV	426		285.1	290.4	286.5	264.7		283		246.4		284.1		164.8		37.8			107.1		148.1
Field pH	SU	5.0 - 10.4	8.5	7.47	7.6	7.75	7.69		7.97		7.86		7.72		7.45		7.57			7.93		7.68
Temperature	degC	NA		9.8	9		13.7		10.1		9.9		11.6		11.8		12.3			10.6		13.5
Turbidity	NTU	15	5	2	4.9	10.25	3		4		1.8		3		2.5		4.6			3.25		3.5
Water Level	ft	NA																				
Bromide	mg/l	1.5		U	U	U	1	U	1	U	1	U	1	U	1	U	1	U	U	1	U	1
Aluminum	ug/l	502			U				75	U	75	U									U	75
Antimony	ug/l	38	3		U				50	U	50	U									U	50
Arsenic	ug/l	6	25		2				2	U	2	U									U	2
Barium	ug/l	229	1000		77				72		66											60
Beryllium	ug/l	3			U				2	U	2	U									U	2
Cadmium	ug/l	6	10	U	U	U	5	U	5	U	5	U	5	U	5	U	5	U	U	5	U	5
Calcium	ug/l	128000		78300	81000	80800	78000		78200		81000		83200		78400		74400			83200		77000
Chromium	ug/l	51	50		U				10	U	10	U									U	10
Cobalt	ug/l	18			U				10	U	10	U									U	10
Copper	ug/l	28	200		U				17	U	17	U									U	17
Hardness, Total (mg/l CaCO3)	mg/l	NA		352	379	361	546		351		362		360		351		332			369		341
Iron	ug/l	900	300	61	58	968	27	U	40	U	40	U	41		103		130			78		75
Lead	ug/l	4	25	2	7	6	1	U	1	U	1	U	1	U	2		2		U	1		2
Magnesium	ug/l	58600	35000	38100	35200	38600	37900		37800		38700		37000		37600		35400			39100		36000
Manganese	ug/l	88	300	45	16	34	5	U	7		9		6		41		39			35		7
Mercury	ug/l	7	2		U				0.2	U	0.2	U									U	0.2
Nickel	ug/l	50			U				12	U	12	U									U	12
Potassium	ug/l	8000		2910	2880	2820	2640		3090		2890		3430		2630		3420			3150		2570
Selenium	ug/l	4	10		U				2	U	2	U									U	2
Silver	ug/l	39	50		U				10	U	10	U									U	10
Sodium	ug/l	39000	20000	16700	18500	15600	14500		15600		13800		12700		12200		12900			14000		11700
Thallium	ug/l	12	4		U				1	U	1	U									U	1
Vanadium	ug/l	24			U				10	U	10	U									U	10
Zinc	ug/l	56	300		93				20	U	20	U										24
Boron	mg/l	131	1000		52				48	U	63											80
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517		280	284	271	284		292		270		259		265		259			277		286
Biochemical Oxygen Demand	mg/l	19.8		3	U	3	3	U	3	U	3	U	3	U	3		3	U	U	3	U	3
Chemical Oxygen Demand	mg/l	48.5		U	U	U	5	U	10	U	10	U	10	U	10	U	10	U	U	10	U	10
Chloride	mg/l	3.9	250	44.6	68	35	33		40.3		34.7		36.2		22		27			29.6		18.9
Color	Units	46	15		U				10		10										U	5
Cyanide	mg/l	9.2	0.1		U				0.01	U	0.01	U									U	0.01
Hexavalent chromium	mg/l	0.031			U				0.01	U	0.01	U									U	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	U	U	U	0.01	U	0.1	U	0.131		0.1	U	0.1	U	0.1	U	U	0.1	U	0.1
Nitrogen, Kjeldahl, Total	mg/l	1.9		U	1.52	U	1	U	1	U	1	U	1	U	1	U	6.41		U	1		2.76
Nitrogen, Nitrate (As N)	mg/l	0.2	10	0.099	0.253	0.195	0.166		0.21		0.274		0.994		0.201		0.385			0.54		0.99
Organic Carbon, Total	mg/l	26.1		1.2	1.1	1.7	1.4		1.6		1.5		1.2		3.3		1.6			1.9	J	1.8
Phenolics, Total Recoverable	mg/l	0.0088	0.001	U	U	0.009	0.001	U	0.00571		0.142		0.004	U	0.004	U	0.004	U	U	0.004	U	0.004
Residue, Dissolved (TDS)	mg/l	582	500	449	489	445	400		470		406		479		444		453			436		428
Sulfate	mg/l	66	250	86	93	81	90		220		89		85		87		143			120		80.2

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		Grey Till		PPRS-2	PPRS-2	PPRS-2	PPRS-2		PPRS-2		PPRS - 2		PPRS - 2		PPRS-2		PPRS - 2			PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.	Nov-98	Feb-99	May-99	Aug-99	Q	Nov-99	Q	Feb-00	Q	May-00	Q	Aug-00	Q	Nov-00	Q	Q	Feb-01	Q	May-01
1,1,1,2-Tetrachloroethane	ug/l	5	5								5	U									U	5
1,1,1-Trichloroethane	ug/l	5	5								5	U									U	5
1,1,2,2-Tetrachloroethane	ug/l	5	5								5	U									U	5
1,1,2-Trichloroethane	ug/l	1	1								5	U									U	5
1,1-Dichloroethane	ug/l	5	5								5	U									U	5
1,1-Dichloroethene	ug/l	5	5								5	U									U	5
1,2,3-Trichloropropane	ug/l	0.04	0.04								5	U									U	5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4								5	U									U	5
1,2-Dibromoethane	ug/l	5	5								5	U									U	5
1,2-Dichlorobenzene	ug/l	3	3								2	U									U	2
1,2-Dichloroethane	ug/l	0.6	0.6								5	U									U	5
1,2-Dichloropropane	ug/l	1	1								5	U									U	5
1,3-Dichlorobenzene	ug/l	3																				
1,4-Dichlorobenzene	ug/l	3	3								2	U									U	2
2-Butanone	ug/l	NA																				
2-Hexanone	ug/l	NA									10	U									U	10
4-Methyl-2-pentanone	ug/l	NA																				
Acetone	ug/l	NA		NA	NA	NA	NA		NA		25	U									U	25
Acrylonitrile	ug/l	5	5	NA	NA	NA	NA		NA		20	U									U	20
Benzene	ug/l	1	1	NA	NA	NA	NA		NA		0.7	U									U	0.7
Bromochloromethane	ug/l	5	5								5	U									U	5
Bromodichloromethane	ug/l	5	5								5	U									U	5
Bromoform	ug/l	NA									5	U									U	5
Bromomethane	ug/l	5	5								5	U									U	5
Carbon disulfide	ug/l	NA									5	U									U	5
Carbon tetrachloride	ug/l	5	5								5	U									U	5
Chlorobenzene	ug/l	5	5								5	U									U	5
Chloroethane	ug/l	5	5								5	U									U	5
Chloroform	ug/l	7	7								5	U									U	5
Chloromethane	ug/l	5	5								5	U									U	5
Dibromochloromethane	ug/l	NA									5	U									U	5
Dibromomethane	ug/l	5	5								5	U									U	5
Ethylbenzene	ug/l	5	5								5	U									U	5
Iodomethane	ug/l	5	5								5	U									U	5
Methylene chloride	ug/l	5	5								5	U									U	5
Styrene	ug/l	5	5								5	U									U	5
Tetrachloroethene	ug/l	5	5								5	U									U	5
Toluene	ug/l	5	5								5	U									U	5
Trichloroethene	ug/l	5	5								5	U									U	5
Trichlorofluoromethane	ug/l	5	5								5	U									U	5
Vinyl acetate	ug/l	NA									5	U									U	5
Vinyl chloride	ug/l	2	2								2	U									U	2
cis-1,2-Dichloroethene	ug/l	5	5								5	U									U	5
cis-1,3-Dichloropropene	ug/l	0.4	0.4								5	U									U	5
m,p-Xylene	ug/l	5	5								5	U									U	5
o-Xylene	ug/l	5	5								5	U									U	5
trans-1,2-Dichloroethene	ug/l	5	5								5	U									U	5
trans-1,3-Dichloropropene	ug/l	0.4	0.4								5	U									U	5
trans-1,4-Dichloro-2-butene	ug/l	5	5								5	U									U	5

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		Grey Till			PPRS-2		PPRS-2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2		PPRS - 2
Parameter	Units	Trigger	GW Std.		Sep-01		Nov-01		Feb-02		May-02		Aug-02		Nov-02		Feb-03		May-03		Aug-03		Nov-03		Feb-04		May-04
Conductivity	umhos/cm	1153			642		597		589		601		621		357		615		943		1086		1327		781		663
Eh	mV	426			73		80	-	86		73		42		90		90		72		65		95		55		50
Field pH	SU	5.0 - 10.4	8.5		7.85		8.42		7.76		7.7		7.06		7.26		7.86		8.16		8.14		7.81		7.58		6.9
Temperature	degC	NA			18		12.6		10.2		11		16		15		6		14		14		10		9		13
Turbidity	NTU	15	5		2		8		5		2		1		2		7		6		5		2		9		4
Water Level	ft	NA																									
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		0.3	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502										<	100									<	100		121	<	100
Antimony	ug/l	38	3									<	15									<	15	<	15		12
Arsenic	ug/l	6	25									<	10									<	10	<	10	<	10
Barium	ug/l	229	1000										67.8										100		61.2		69.2
Beryllium	ug/l	3										<	3									<	3	<	3		0.31
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		0.67
Calcium	ug/l	128000			75400		80000		85400		82400		81500		110000		89800		118000		121000		129000		84400		91700
Chromium	ug/l	51	50									<	5									<	5	<	5	<	5
Cobalt	ug/l	18										<	20									<	20	<	20	<	20
Copper	ug/l	28	200									<	10									<	10		12.5		11
Hardness, Total (mg/l CaCO3)	mg/l	NA			334		363		388		360		360		470		400		490		520		550		370		410
Iron	ug/l	900	300	<	60	<	60	<	60		65.5	<	60		79.9		104		116	<	60		95.1		240		43
Lead	ug/l	4	25	<	3		5.1	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		5.88
Magnesium	ug/l	58600	35000		35400		39500		42600		37500		39100		48000		37665		37748		37847		37931		39500		43000
Manganese	ug/l	88	300	<	10		21.5		128		74.8	<	10.0		85.9		16.9		391		181		111		18.8		49.6
Mercury	ug/l	7	2									<	0.20									<	0.2	<	0.2	<	0.2
Nickel	ug/l	50										<	30									<	30	<	30		4.1
Potassium	ug/l	8000			2350		3920		3270		2690		2430		4490		2770		7820		11200		15000		3230		3530
Selenium	ug/l	4	10									<	5									<	5	<	5	<	5
Silver	ug/l	39	50									<	10									<	10	<	10		0.1
Sodium	ug/l	39000	20000		10300		12900		12700		10600		9020		14600		10800		19800		23500		28400		9480		11800
Thallium	ug/l	12	4									<	10									<	10		24.1		2.7
Vanadium	ug/l	24										<	30									<	30	<	30		1.1
Zinc	ug/l	56	300										11.2										14.9		20		24.1
Boron	mg/l	131	1000									<	0.5									<	0.5	<	0.5		130
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			290		300		260		340		310		340		300		290		350		320		290		300
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4		8	<	4	<	4	<	4		4	<	4		5
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		12
Chloride	mg/l	3.9	250		17		33		29		26		13		44		26		70		80		92		25		29.8
Color	Units	46	15										6										9		5		7
Cyanide	mg/l	9.2	0.1									<	0.01									<	0.01	<	0.01	<	10
Hexavalent chromium	mg/l	0.031										<	0.01									<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		1.1		1.9		1.2	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5		0.9		1.7		1.6	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.4		0.4		0.5		1.5		0.9		2.8		1.1		1		1.2		1.7		0.9		1
Organic Carbon, Total	mg/l	26.1			2	<	3	<	3	<	3	<	3		4	<	3		4		4		4	<	3		3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005		0.009	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.007	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		450		500		510		470		490		530		590		700		780		790		500		555
Sulfate	mg/l	66	250		170		110		190		120		110		190		150		160		170		210		170		124

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		Grey Till		PPRS-2	PPRS-2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2	PPRS - 2
Parameter	Units	Trigger	GW Std.	Sep-01	Nov-01	Feb-02	May-02	Aug-02	Nov-02	Feb-03	May-03	Aug-03	Nov-03	Feb-04	May-04
1,1,1,2-Tetrachloroethane	ug/l	5	5					< 5					< 5	< 5	< 5
1,1,1-Trichloroethane	ug/l	5	5					< 5					< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	ug/l	5	5					< 5					< 5	< 5	< 5
1,1,2-Trichloroethane	ug/l	1	1					< 5					< 5	< 5	< 5
1,1-Dichloroethane	ug/l	5	5					< 5					< 5	< 5	< 5
1,1-Dichloroethene	ug/l	5	5					< 5					< 5	< 5	< 5
1,2,3-Trichloropropane	ug/l	0.04	0.04					< 5					< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4					< 10					< 10	< 10	< 10
1,2-Dibromoethane	ug/l	5	5					< 5					< 5	< 5	< 5
1,2-Dichlorobenzene	ug/l	3	3					< 5					< 5	< 5	< 5
1,2-Dichloroethane	ug/l	0.6	0.6					< 5					< 5	< 5	< 5
1,2-Dichloropropane	ug/l	1	1					< 5					< 5	< 5	< 5
1,3-Dichlorobenzene	ug/l	3													< 5
1,4-Dichlorobenzene	ug/l	3	3					< 5					< 5	< 5	< 5
2-Butanone	ug/l	NA											< 10	< 10	< 10
2-Hexanone	ug/l	NA						< 10					< 10	< 10	< 10
4-Methyl-2-pentanone	ug/l	NA											< 10	< 10	< 10
Acetone	ug/l	NA						< 10					8	< 10	12
Acrylonitrile	ug/l	5	5					< 100					< 100	< 100	< 100
Benzene	ug/l	1	1					< 5					< 5	< 5	< 5
Bromochloromethane	ug/l	5	5					< 5					< 5	< 5	< 5
Bromodichloromethane	ug/l	5	5					< 5					< 5	< 5	< 5
Bromoform	ug/l	NA						1					< 5	< 5	< 5
Bromomethane	ug/l	5	5					< 5					< 5	< 5	< 5
Carbon disulfide	ug/l	NA						< 5					< 5	< 5	< 5
Carbon tetrachloride	ug/l	5	5					< 5					< 5	< 5	< 5
Chlorobenzene	ug/l	5	5					< 5					< 5	< 5	< 5
Chloroethane	ug/l	5	5					< 5					< 5	< 5	< 5
Chloroform	ug/l	7	7					< 5					< 5	< 5	< 5
Chloromethane	ug/l	5	5					< 5					< 5	< 5	< 5
Dibromochloromethane	ug/l	NA						< 5					< 5	< 5	< 5
Dibromomethane	ug/l	5	5					< 5					< 5	< 5	< 5
Ethylbenzene	ug/l	5	5					< 5					< 5	< 5	< 5
Iodomethane	ug/l	5	5					< 5					< 5	< 5	< 5
Methylene chloride	ug/l	5	5					< 5					< 5	< 5	5
Styrene	ug/l	5	5					< 5					< 5	< 5	< 5
Tetrachloroethene	ug/l	5	5					< 5					< 5	< 5	< 5
Toluene	ug/l	5	5					< 5					< 5	< 5	< 5
Trichloroethene	ug/l	5	5					< 5					< 5	< 5	< 5
Trichlorofluoromethane	ug/l	5	5					< 5					< 5	< 5	< 5
Vinyl acetate	ug/l	NA						< 50					< 50	< 50	< 50
Vinyl chloride	ug/l	2	2					< 5					< 5	< 5	< 5
cis-1,2-Dichloroethene	ug/l	5	5					< 5					< 5	< 5	< 5
cis-1,3-Dichloropropene	ug/l	0.4	0.4					< 5					< 5	< 5	< 5
m,p-Xylene	ug/l	5	5					< 5					< 5	< 5	< 5
o-Xylene	ug/l	5	5					< 5					< 5	< 5	< 5
trans-1,2-Dichloroethene	ug/l	5	5					< 5					< 5	< 5	< 5
trans-1,3-Dichloropropene	ug/l	0.4	0.4					< 5					< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	ug/l	5	5					< 10					< 10	< 10	< 10

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		Grey Till			PPRS - 2		PPRS - 2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07
Conductivity	umhos/cm	1153			670		657		538		683		825		960		824		1013		906		861		763		461
Eh	mV	426			55		90		25		-15		70		115		105		-80		-75		125		-55		-109
Field pH	SU	5.0 - 10.4	8.5		7.54		8.2		7.83		7.8		7.64		7.74		7.91		7.94		8.36		8.12		8.17		7.94
Temperature	degC	NA			15		12		9		13		18		6.8		6.7		14.7		14.9		14.2		12.3		11.9
Turbidity	NTU	15	5		5		3		2		1		1		2.21		6.81		0.86		1.87		55.2		1.46		3.11
Water Level	ft	NA																									
Bromide	mg/l	1.5		<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		5.8	<	0.2
Aluminum	ug/l	502		<	100	<	100		468	<	100		131	<	100	<	100			<	100						
Antimony	ug/l	38	3		29.6		19.8		32.2		30.4	<	15	<	15	<	15			<	15						
Arsenic	ug/l	6	25		30.7	<	10		21.3	<	10	<	10	<	10	<	10			<	10						
Barium	ug/l	229	1000		81.2		75.7		71.8		79.9		63.5		59.1		61				58.7						
Beryllium	ug/l	3		<	3	<	3	<	3	<	3	<	3	<	3	<	3			<	3						
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			109000		105000		107000		116000		85100		92600		106000		93300		98900		119000		94400		93000
Chromium	ug/l	51	50	<	5	<	5	<	5		5.08	<	5	<	5	<	5			<	5						
Cobalt	ug/l	18		<	20	<	20	<	20	<	20	<	20	<	20	<	20			<	20						
Copper	ug/l	28	200		23		7.5	<	10		12.6		14.8	<	10		17.1			<	10						
Hardness, Total (mg/l CaCO3)	mg/l	NA			465		461		465		504		375		391		438		400		424		491		405		403
Iron	ug/l	900	300		65.6		65.2		566	<	60		105		232		66.9		79.8	<	60		1540		705	<	60
Lead	ug/l	4	25		3.23	<	3		5.66	<	3	<	3	<	3		13.6	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		51300		48400		47800		51900		39500		38800		42100		40600		42900		47200		41200		41400
Manganese	ug/l	88	300		33.9		24.2		32.6		83.1		25.1		232		62.7		80.1		66.3		377		186		17.5
Mercury	ug/l	7	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2			<	0.2						
Nickel	ug/l	50			5.8	<	30	<	30	<	30		37.7	<	30	<	30			<	30						
Potassium	ug/l	8000			4300		6430		4290		3660		2690		3410		3120		2700		3720		3930		2880		3850
Selenium	ug/l	4	10	<	5	<	5	<	5	<	5		8.94		6.02		10.2			<	5				9390		
Silver	ug/l	39	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
Sodium	ug/l	39000	20000		14700		12600		19700		12600		9060		9100		11500		9970		9770		12300				9320
Thallium	ug/l	12	4	<	10	<	10	<	10	<	10	<	10	<	10		18.3			<	10						
Vanadium	ug/l	24		<	30	<	30	<	30	<	30	<	30	<	30	<	30			<	30						
Zinc	ug/l	56	300		42.8		23.9		26.4		45.8		73.5	<	10		22				36.1						
Boron	mg/l	131	1000	<	500		170	<	500	<	500	<	500	<	500	<	500			<	500						
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			300		430		270		340		350		300		260		300		330		310		280		290
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4		6	<	4	<	4	<	4	<	4		6	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20		26	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		45.9		38.3		20.2		22		15.7		14		19.4		13.8		16.8		22		14.2		14.8
Color	Units	46	15		5		5		5	<	5	<	5	<	5		6				10						
Cyanide	mg/l	9.2	0.1	<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
Hexavalent chromium	mg/l	0.031		<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01			<	0.01						
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10	<	0.2	<	0.2		0.82	<	0.2	<	0.2		0.9		0.84		0.67		0.71		0.673		0.885		1.17
Organic Carbon, Total	mg/l	26.1		<	3		3	<	3	<	3	<	3	<	3	<	3		3		3		4	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005		0.008	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		607	<	25		505		612		535		650		575		600		612		552		490		538
Sulfate	mg/l	66	250		204		293		15.7		137		137		139		150		113		145		140		114		110

ENVIRONMENTAL MONITORING
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		Grey Till			PPRS - 2		PPRS - 2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.		Aug-04		Nov-04		Feb-05		May-05		Aug-05		Dec-05		Feb-06		Jun-06		Aug-06		Nov-06		Feb-07		May-07
1,1,1,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,1,1-Trichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,1,2,2-Tetrachloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,1,2-Trichloroethane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,1-Dichloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,1-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,2,3-Trichloropropane	ug/l	0.04	0.04	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
1,2-Dibromoethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,2-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,2-Dichloroethane	ug/l	0.6	0.6	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,2-Dichloropropane	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,3-Dichlorobenzene	ug/l	3		<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
1,4-Dichlorobenzene	ug/l	3	3	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
2-Butanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
2-Hexanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
4-Methyl-2-pentanone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
Acetone	ug/l	NA		<	10	<	10	<	10	<	10	<	10	<	10	<	10			<	10						
Acrylonitrile	ug/l	5	5	<	100	<	100	<	100	<	100	<	100	<	100	<	100			<	100						
Benzene	ug/l	1	1	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Bromochloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Bromodichloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Bromoform	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Bromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Carbon disulfide	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Carbon tetrachloride	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Chlorobenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Chloroethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Chloroform	ug/l	7	7	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Chloromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Dibromochloromethane	ug/l	NA		<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Dibromomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Ethylbenzene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Iodomethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Methylene chloride	ug/l	5	5	<	5		7.5	<	5	<	5	<	5	<	5	<	5			<	5						
Styrene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Tetrachloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Toluene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Trichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Trichlorofluoromethane	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
Vinyl acetate	ug/l	NA		<	50	<	50	<	50	<	50	<	50	<	50	<	5			<	5						
Vinyl chloride	ug/l	2	2	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
cis-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
cis-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
m,p-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	10			<	10						
o-Xylene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
trans-1,2-Dichloroethene	ug/l	5	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5			<	5						
trans-1,3-Dichloropropene	ug/l	0.4	0.4	<	5	<	5	<	5	<	5	<	5	<	5	<	50			<	50						
trans-1,4-Dichloro-2-butene	ug/l	5	5	<	10	<	10	<	10	<	10	<	10	<	10	<	5			<	5						

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		Grey Till			PPRS-2		PPRS-2		PPRS-2	PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.		Aug-07		Jan-08		Feb-08	May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
Conductivity	umhos/cm	1153			1046		210		751	576		723		1057		583		430		309		208
Eh	mV	426			-102		-106		-109	-94		-63		-59		-45		160		177		174
Field pH	SU	5.0 - 10.4	8.5		8.72		8.38		8.97	8.18		8.82		8.05		7.79		7.72		7.49		7.38
Temperature	degC	NA			22		15.5		9.5	16.0		20.5		11.4		9.7		17.2		18.4		11.3
Turbidity	NTU	15	5		17.4		4.4		4.19	0.92		2.31		1.38		1.21		1.17		2.07		3.04
Water Level	ft	NA																				
Bromide	mg/l	1.5		<	0.2	<	0.2	R<	0.2	< 2.0	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Aluminum	ug/l	502				<	100	<	100								<	100				
Antimony	ug/l	38	3			<	15	<	15								<	30				
Arsenic	ug/l	6	25			<	10	<	10								<	10				
Barium	ug/l	229	1000				74		67.8									60.7				
Beryllium	ug/l	3				<	3	UJ	3								<	3				
Cadmium	ug/l	6	10	<	5	<	5	UJ	5	< 5.00	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			79900		90900		102000	89300		98900		106000		84500		97900		104000		111000
Chromium	ug/l	51	50			<	5	<	5								<	5				
Cobalt	ug/l	18				<	20	<	20								<	20				
Copper	ug/l	28	200			<	10	<	10								<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			355		397		442	398000		431000		461000		376000		415000		447000		482000
Iron	ug/l	900	300	<	60		2070	UJ	60	70.2	<	60		97.1		743	<	60	<	60	<	60
Lead	ug/l	4	25		3.31	<	3	UJ	3	< 3.00	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		37800		41300	J	45500	42500		44600		47900		40100		41400		45300		49400
Manganese	ug/l	88	300		87.4		21.5	J	26.4	27.7		16.5		15.3		17.2		15.3		22.1	<	10
Mercury	ug/l	7	2			<	0.2	<	0.2								<	0.2				
Nickel	ug/l	50				<	30	<	30								<	30				
Potassium	ug/l	8000			2250		3140		2880	3430		2830		2720		1670		2590		2760	<	5000
Selenium	ug/l	4	10			<	5	UJ	5								<	5				
Silver	ug/l	39	50			<	10	<	10								<	10				
Sodium	ug/l	39000	20000		7810		11500		8940	10000		8980		10300		7340		7620		9390		9680
Thallium	ug/l	12	4			<	10	UJ	10								<	10				
Vanadium	ug/l	24				<	30	<	30								<	30				
Zinc	ug/l	56	300				21.6		16.3								<	10				
Boron	mg/l	131	1000			<	500	<	500								<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			310		320		300	300		310		300		280		300		300		300
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	< 4.00	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	< 20	<	20	<	20	<	20	<	20	<	20	<	20
Chloride	mg/l	3.9	250		12.8		25.4		13.9	18.1		16.1		13.2		10.9		12.8		13.1		46.6
Color	Units	46	15			<	5	<	5								<	5				
Cyanide	mg/l	9.2	0.1			<	10	UJ	10								<	10				
Hexavalent chromium	mg/l	0.031				<	0.01	<	0.01								<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	< 0.500	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	< 0.500	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.697		0.887		0.715	1.25		0.575	<	0.2		0.574		0.493		0.412		0.678
Organic Carbon, Total	mg/l	26.1		<	3	<	3	<	3	< 3.0	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	< 0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		472		502		508	497		418		552		416		550		560		470
Sulfate	mg/l	66	250		126		99.9		144	107		75.4		173		107		134		102		158

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		Grey Till			PPRS-2		PPRS-2		PPRS-2	PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.		Aug-07		Jan-08		Feb-08	May-08		Aug-08		Nov-08		Feb-09		May-09		Aug-09		Nov-09
1,1,1,2-Tetrachloroethane	ug/l	5	5			<	5	<	5								<	5				
1,1,1-Trichloroethane	ug/l	5	5			<	5	<	5								<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5			<	5	<	5								<	5				
1,1,2-Trichloroethane	ug/l	1	1			<	5	<	5								<	5				
1,1-Dichloroethane	ug/l	5	5			<	5	<	5								<	5				
1,1-Dichloroethene	ug/l	5	5			<	5	<	5								<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04			<	5	<	5								<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4			<	10	<	10								<	10				
1,2-Dibromoethane	ug/l	5	5			<	5	<	5								<	5				
1,2-Dichlorobenzene	ug/l	3	3			<	5	<	5								<	5				
1,2-Dichloroethane	ug/l	0.6	0.6			<	5	<	5								<	5				
1,2-Dichloropropane	ug/l	1	1			<	5	<	5								<	5				
1,3-Dichlorobenzene	ug/l	3				<	5	<	5								<	5				
1,4-Dichlorobenzene	ug/l	3	3			<	5	<	5								<	5				
2-Butanone	ug/l	NA				<	10	<	10								<	10				
2-Hexanone	ug/l	NA				<	10	<	10								<	10				
4-Methyl-2-pentanone	ug/l	NA				<	10	<	10								<	10				
Acetone	ug/l	NA				<	10	<	10								<	10				
Acrylonitrile	ug/l	5	5			<	100	<	100								<	100				
Benzene	ug/l	1	1			<	5	<	5								<	5				
Bromochloromethane	ug/l	5	5			<	5	<	5								<	5				
Bromodichloromethane	ug/l	5	5			<	5	<	5								<	5				
Bromoform	ug/l	NA				<	5	<	5								<	5				
Bromomethane	ug/l	5	5			<	5	<	5								<	5				
Carbon disulfide	ug/l	NA				<	5	<	5								<	5				
Carbon tetrachloride	ug/l	5	5			<	5	<	5								<	5				
Chlorobenzene	ug/l	5	5			<	5	<	5								<	5				
Chloroethane	ug/l	5	5			<	5	<	5								<	5				
Chloroform	ug/l	7	7			<	5	<	5								<	5				
Chloromethane	ug/l	5	5			<	5	<	5								<	5				
Dibromochloromethane	ug/l	NA				<	5	<	5								<	5				
Dibromomethane	ug/l	5	5			<	5	<	5								<	5				
Ethylbenzene	ug/l	5	5			<	5	<	5								<	5				
Iodomethane	ug/l	5	5			<	5	<	5								<	5				
Methylene chloride	ug/l	5	5			<	5	<	5								<	5				
Styrene	ug/l	5	5			<	5	<	5								<	5				
Tetrachloroethene	ug/l	5	5			<	5	<	5								<	5				
Toluene	ug/l	5	5			<	5	<	5								<	5				
Trichloroethene	ug/l	5	5			<	5	<	5								<	5				
Trichlorofluoromethane	ug/l	5	5			<	5	<	5								<	5				
Vinyl acetate	ug/l	NA				<	50	<	50								<	50				
Vinyl chloride	ug/l	2	2			<	5	<	5								<	5				
cis-1,2-Dichloroethene	ug/l	5	5			<	5	<	5								<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4			<	5	<	5								<	5				
m,p-Xylene	ug/l	5	5			<	5	<	5								<	5				
o-Xylene	ug/l	5	5			<	5	<	5								<	5				
trans-1,2-Dichloroethene	ug/l	5	5			<	5	<	5								<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4			<	5	<	5								<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5			<	10	<	10								<	10				

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		Grey Till			PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
Conductivity	umhos/cm	1153			205		430		211		766		646		865		870		821
Eh	mV	426			164		248		238		100		124		-77		67		-2
Field pH	SU	5.0 - 10.4	8.5		7.47		7.19		7.74		7.84		8.04		7.76		7.96		7.84
Temperature	degC	NA			13.4		16.2		19.8		13		10.4		23.4		30.5		12.9
Turbidity	NTU	15	5		2.99		1.62		3.05		2.99		2.08		0.68		3.21		5.97
Water Level	ft	NA																	
Bromide	mg/l	1.5		<	0.4	<	0.8	<	0.8	<	0.8	<	0.8	UJ	0.8	<	0.8	<	0.8
Aluminum	ug/l	502							110					<	100				
Antimony	ug/l	38	3					<	5 uj					<	5				
Arsenic	ug/l	6	25					<	5					<	5				
Barium	ug/l	229	1000						78.1						66.6				
Beryllium	ug/l	3						<	3					<	3				
Cadmium	ug/l	6	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	ug/l	128000			97600		110000		112000		119000		116000		111000		104000		112000
Chromium	ug/l	51	50					<	10					<	10				
Cobalt	ug/l	18						<	20					<	20				
Copper	ug/l	28	200					<	10					<	10				
Hardness, Total (mg/l CaCO3)	mg/l	NA			437000		475000		480000		499000		506000		466000		453000		490000
Iron	ug/l	900	300	<	60	<	60		85.7	<	60	<	60	UJ	60	<	60	<	60
Lead	ug/l	4	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Magnesium	ug/l	58600	35000		47000		48400		48500		49100		52600		45700		47100		50900
Manganese	ug/l	88	300		10.7		23.5		25.6		28.8		43.6	J	28.6		24.3		28.4
Mercury	ug/l	7	2					<	0.2					<	0.2				
Nickel	ug/l	50						<	30					<	30				
Potassium	ug/l	8000		<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000	<	5000
Selenium	ug/l	4	10					<	3					<	3				
Silver	ug/l	39	50					<	Reject					<	10				
Sodium	ug/l	39000	20000		10800		10500		10000		11000		14200		10900		11000		12700
Thallium	ug/l	12	4					<	3					<	3				
Vanadium	ug/l	24						<	30					<	30				
Zinc	ug/l	56	300					<	10					<	10				
Boron	mg/l	131	1000					<	500					<	500				
Alkalinity, Total (As CaCO3)	mg/lCaCO3	517			330		310		300		310		320	J	320		330		330
Biochemical Oxygen Demand	mg/l	19.8		<	4	<	4	<	4	<	4	<	4	<	4	<	4	<	4
Chemical Oxygen Demand	mg/l	48.5		<	20	<	20	<	20	<	20	<	20		27	<	20	<	20
Chloride	mg/l	3.9	250		18.3		14.2		15		14.8		20.4		13.7		16.2		15.1
Color	Units	46	15						10						5				
Cyanide	mg/l	9.2	0.1					<	10					<	10				
Hexavalent chromium	mg/l	0.031						<	0.01					<	0.01				
Nitrogen, Ammonia (As N)	mg/l	1	2	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	UJ	0.5	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/l	1.9		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5
Nitrogen, Nitrate (As N)	mg/l	0.2	10		0.825		0.43		0.485		0.414		0.925		0.521		0.453		1.35
Organic Carbon, Total	mg/l	26.1			3.6	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Phenolics, Total Recoverable	mg/l	0.0088	0.001	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	UJ	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/l	582	500		450		590		650		410		550		640		680		460
Sulfate	mg/l	66	250		78.9		56.3		136		176		108		138		171		230

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

		Grey Till			PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2		PPRS-2
Parameter	Units	Trigger	GW Std.		Feb-10		May-10		Aug-10		Nov-10		Jan-11		Jun-11		Jul-11		Nov-11
1,1,1,2-Tetrachloroethane	ug/l	5	5					<	5					<	5				
1,1,1-Trichloroethane	ug/l	5	5					<	5					<	5				
1,1,2,2-Tetrachloroethane	ug/l	5	5					<	5					<	5				
1,1,2-Trichloroethane	ug/l	1	1					<	5					<	5				
1,1-Dichloroethane	ug/l	5	5					<	5					<	5				
1,1-Dichloroethene	ug/l	5	5					<	5					<	5				
1,2,3-Trichloropropane	ug/l	0.04	0.04					<	5					<	5				
1,2-Dibromo-3-chloropropane	ug/l	0.4	0.4					<	10					<	10				
1,2-Dibromoethane	ug/l	5	5					<	5					<	5				
1,2-Dichlorobenzene	ug/l	3	3					<	5					<	5				
1,2-Dichloroethane	ug/l	0.6	0.6					<	5					<	5				
1,2-Dichloropropane	ug/l	1	1					<	5					<	5				
1,3-Dichlorobenzene	ug/l	3						<	5					<	5				
1,4-Dichlorobenzene	ug/l	3	3					<	5					<	5				
2-Butanone	ug/l	NA						<	10					<	10				
2-Hexanone	ug/l	NA						<	10					<	10				
4-Methyl-2-pentanone	ug/l	NA						<	10					<	10				
Acetone	ug/l	NA						<	10					<	10				
Acrylonitrile	ug/l	5	5					<	100					<	100				
Benzene	ug/l	1	1					<	5					<	5				
Bromochloromethane	ug/l	5	5					<	5					<	5				
Bromodichloromethane	ug/l	5	5					<	5					<	5				
Bromoform	ug/l	NA						<	5					<	5				
Bromomethane	ug/l	5	5					<	5					UJ	5				
Carbon disulfide	ug/l	NA						<	5					<	5				
Carbon tetrachloride	ug/l	5	5					<	5					<	5				
Chlorobenzene	ug/l	5	5					<	5					<	5				
Chloroethane	ug/l	5	5					<	5					<	5				
Chloroform	ug/l	7	7					<	5					<	5				
Chloromethane	ug/l	5	5					<	5					<	5				
Dibromochloromethane	ug/l	NA						<	5					<	5				
Dibromomethane	ug/l	5	5					<	5					<	5				
Ethylbenzene	ug/l	5	5					<	5					<	5				
Iodomethane	ug/l	5	5					<	5					<	5				
Methylene chloride	ug/l	5	5					<	5					<	5				
Styrene	ug/l	5	5					<	5					<	5				
Tetrachloroethene	ug/l	5	5					<	5					<	5				
Toluene	ug/l	5	5					<	5					<	5				
Trichloroethene	ug/l	5	5					<	5					<	5				
Trichlorofluoromethane	ug/l	5	5					<	5					<	5				
Vinyl acetate	ug/l	NA						<	5					<	50				
Vinyl chloride	ug/l	2	2					<	5					<	5				
cis-1,2-Dichloroethene	ug/l	5	5					<	5					<	5				
cis-1,3-Dichloropropene	ug/l	0.4	0.4					<	5					<	5				
m,p-Xylene	ug/l	5	5					<	10					<	5				
o-Xylene	ug/l	5	5					<	5					<	5				
trans-1,2-Dichloroethene	ug/l	5	5					<	5					<	5				
trans-1,3-Dichloropropene	ug/l	0.4	0.4					<	50					<	5				
trans-1,4-Dichloro-2-butene	ug/l	5	5					<	5					<	10				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Units	GW Std.		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1	PLCRS-1	PLCRS-1	PLCRS-1	PCLRS-1		PCLRS-1			PCLRS-1
Parameter				Jan-95		May-95		Nov-95		May-96		Nov-96		Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Conductivity	umhos/cm	NA				3970		7500		5250		12320		17350	19280	19670	26000			44100			>20000
Dissolved Oxygen	mg/L	> 7																					
Eh	mV	NA				273		12		90		29		-55.7	93.1	-47.4	243.5	197.7		335.1			115.4
pH	SU	6.5 - 8.5				6.6		6.5		7	-	7.2		6.85	6.75	6.83	7.58	7.05		7.89			7.33
Temperature	degC	NA														16	15.3	20.7		13.5			19.6
Turbidity	NTU	5				30		380		145	>	1000		56.5	59		6.3	70.5		22.5			38.5
Water Level	ft	NA																					
Bromide	mg/L	NA	<	0.1		1.1		0.7		1.4	<	10		22	u	23	U	1	U	1	U	U	1
Aluminum	µg/L	NA		170		618		860		815		2110		343	305	214	U	116		256			595
Antimony	µg/L	3			<	51.4	<	29	<	30.1	<	30.4		144	218	U	U	28	U	56		U	50
Arsenic	µg/L	25	<	5		7.6		31.8	<	18		87.6		25	16	26	19	11		17			22
Barium	µg/L	1000		231		467		589		349		585		1260	1740	2590	1800	3870		2880			3480
Beryllium	µg/L	3	<	1	<	0.7	<	0.9	<	0.9	<	0.7		u	u	U	U	2	U	2	U	U	2
Cadmium	µg/L	10		3.1	<	2.9	<	2.1	<	3.1	<	2.4		u	u	U	U	5	U	5	U	U	5
Calcium	µg/L	NA		133000		308000		758000		508000		410000		650000	1040000	1210000	373000	644000		356000			832000
Chromium	µg/L	50		49.4		230		426		840		1050		339	213	116	372	345		337			240
Cobalt	µg/L	NA			<	15.9	<	11.4	<	11		27		9	u	U	U	10	U	19			19
Copper	µg/L	200	<	4		40.6		101		323		11.2		46	59	135	24	45		43			100
Hardness, Total (mg/l CaCO3)	mg/l	NA		491		1209		2570		1939		2350		2960	4140	4900	2628	4280		2750			4350
Iron	µg/L	300		2260		5420		35300		7080		43800		5020	18200	8570	2090	6790		6330			37900
Lead	µg/L	25	<	3		2.6	<	4.8		4.2		4.6		7	8	21	U	9		4			8
Magnesium	µg/L	35000		38400		107000		164000		163000		323000		324000	374000	456000	412000	649000		453000			552000
Manganese	µg/L	300		694		3860		5920		4040		1700		1620	2460	3540	654	1310		804			2610
Mercury	µg/L	2	<	0.2	<	0.04	<	0.2	<	0.08	<	0.2		u	u	0.2	U	0.2	U	0.2	U		0.2
Nickel	µg/L	NA	<	27		46.3		32		45.9		130		70	61	54	70	78		99			56
Potassium	µg/L	NA		35400		126000		264000		284000		771000		1310000	1270000	1670000	2630000	3220000		3300000			2480000
Selenium	µg/L	10			<	1.9	<	14	<	13.5	<	17		u	u	U	U	2	U	2	U		2
Silver	µg/L	50			<	6.4	<	5.7	<	3.5	<	4.3		u	u	U	U	10	U	10	U	U	10
Sodium	µg/L	20000		102000		320000		500000		508000		1090000		1490000	1430000	1700000	2760000	3260000		2970000			2780000
Thallium	µg/L	4			<	3.8	<	4	<	4.6	<	7.7		u	1	U	U	1	U	1	U	U	1
Tin	µg/L	NA				42.8		1209		195		237		u	u		U	800	U	800	U	U	800
Vanadium	µg/L	NA				17.2		15.8		14.3		20		34	28	22	18	22		15			35
Zinc	µg/L	300		14.3		81.2		185		149		192		168	152	181	146	130		119			197
Boron	µg/L	1		3730		9360		17100		10700		23650		23000	16800	21500	33200	31400		27300			23600
1,1,1,2-Tetrachloroethane	µg/L	5																				U	50
1,1,1-Trichloroethane	µg/L	5																				U	50
1,1,2,2-Tetrachloroethane	µg/L	5																				U	50
1,1,2-Trichloroethane	µg/L	5																				U	50
1,1-Dichloroethane	µg/L	5										930			1.8							U	50
1,1-Dichloroethene	µg/L	5												5.4	5.2			1.8J				U	50
1,1-Dichloropropene	µg/L	5																					
1,2,3-Trichloropropane	µg/L	5																				U	50
1,2-Dibromo-3-chloropropane	µg/L	5								4100												U	50
1,2-Dibromoethane	µg/L	5										14		15	70	35	52	14				U	50
1,2-Dichlorobenzene	µg/L	4.7																				U	20
1,2-Dichloroethane	µg/L	5																				U	50
1,2-Dichloropropane	µg/L	5												1.3		4.4 J						U	50
1,3-Dichlorobenzene	µg/L	5																					
1,3-Dichloropropane	µg/L	5																					
1,4-Dichlorobenzene	µg/L	4.7																				U	20
2,2-Dichloropropane	µg/L	5																					
2-Butanone	µg/L	50																					
2-Hexanone	µg/L	50				0.023								MDL	MDL	< MDL	< MDL		U		U	U	100
4-Methyl-2-pentanone	µg/L	NA																					

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

	Units	GW Std.		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1	PLCRS-1	PLCRS-1	PLCRS-1	PLCRS-1		PCLRS-1			PCLRS-1
Parameter				Jan-95		May-95		Nov-95		May-96		Nov-96		Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Acetone	µg/L	50				250		4500				1100										U	250
Acetonitrile	µg/L	NA				4															U	U	250
Acrolein	µg/L	5																					
Acrylonitrile	µg/L	5																					
Allyl chloride	µg/L	5																					
Benzene	µg/L	0.7												5000	940							U	7
Bromochloromethane	µg/L	5		2										360	750	880	390	440				U	50
Bromodichloromethane	µg/L	50				14																U	50
Bromoform	µg/L	50		6		150											39					U	50
Bromomethane	µg/L	NA								0.065												U	50
Carbon disulfide	µg/L	NA		2		5																U	50
Carbon tetrachloride	µg/L	5																				U	50
Chlorobenzene	µg/L	5										92										U	50
Chloroethane	µg/L	5																				U	50
Chloroform	µg/L	7				160		590		540		57		4								U	50
Chloromethane	µg/L	5								0.05		0.056										U	50
Chloroprene	µg/L	5																					
cis-1,2-Dichloroethene	µg/L	5												180	42	92	93	21				U	50
cis-1,3-Dichloropropene	µg/L	5											<			2.8 J						U	50
Dibromochloromethane	µg/L	50				120								66	65	60						U	50
Dibromomethane	µg/L	NA								0.013												U	50
Dichlorodifluoromethane	µg/L	5																					
Ethyl Methacrylate	µg/L	NA																					
Ethylbenzene	µg/L	5						0.27		0.13					10							U	50
Iodomethane	µg/L	5																				U	50
Isobutyl Alcohol	µg/L	NA																					
m,p-Xylene	µg/L	NA																				U	50
Methacrylonitrile	µg/L	5																					
Methyl Methacrylate	µg/L	50																					
Methylene chloride	µg/L	5							<	MDL			<									U	50
o-Xylene	µg/L	5																				U	50
Propionitrile	µg/L	NA																					
Styrene	µg/L	5														< MDL	< MDL		U		U	U	50
Tetrachloroethene	µg/L	5																				U	50
Toluene	µg/L	5																				U	50
trans-1,2-Dichloroethene	µg/L	5												2.4	3.2							U	50
trans-1,3-Dichloropropene	µg/L	5				0.004				0.018					1.3							U	50
trans-1,4-Dichloro-2-butene	µg/L	5													1.8							U	50
Trichloroethene	µg/L	5																				U	50
Trichlorofluoromethane	µg/L	5																				U	50
Vinyl acetate	µg/L	NA																				U	100
Vinyl chloride	µg/L	2																				U	20
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		482		1580		3600		3600		3800		3340	1780	2180	2470	3210		2340			2110
Biochemical Oxygen Demand	mg/L	NA	<	3		798		3700		3020	<	582		130	190	>396	260	280		38			350
Chemical Oxygen Demand	mg/L	NA		49		920		6020		4230		1200		1250	199	1730	4360	1990		6370			2270
Chloride	mg/L	250		208		450		550		1140		1770		11.1	4780	6140	8980	10600		10200			9530
Color	UNITS	15			>	70	>	70	>	70	>	70		1000	450	30	450	510		750			625
Cyanide	µg/L	100			<	0.01	<	0.01	<	0.01	<	0.01		u	0.035	U	U	0.01	U	0.016		U	0.01
Hexavalent chromium	mg/L	0.05		0.01	<	0.02	<	0.02	<	0.02	<	0.02		u	u		0.009	0.01	U	0.009			0.005
Nitrogen, Ammonia (As N)	mg/L	2		14.9		101		342		284		195.5		366	185	206	632	646		570			376
Nitrogen, Kjeldahl, Total	mg/L	NA		18.1		93		289		251	<	426		406	238	248	801	741		753			493
Nitrogen, Nitrate (As N)	mg/L	10		0.62	<	0.02		0.029	<	0.2		0.099		0.075	2.59	U	U	0.05	U	33.4		U	0.05
Organic Carbon, Total	mg/L	NA		29.8		292		2620		1400	<	480		190	225	433	350	440		390			370
Phenolics, Total Recoverable	mg/L	0.001		0.00003		0.19		2.46		1.34		0.327		0.276	0.326	0.213	0.4	0.086		0.00811			0.12
Residue, Dissolved (TDS)	mg/L	500		1310		2525		5930		5040		5460		9580	12600	12500	16404	18300		18000			16600
Sulfate	mg/L	250		79		26.6		13		11.5		153		20	87	44	150	36		130			230
Sulfide	mg/L	NA																					

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.	PLCRS-1 Jan-95	PLCRS-1 May-95	PLCRS-1 Nov-95	PLCRS-1 May-96	PLCRS-1 Nov-96	PLCRS-1 Jun-97	PLCRS-1 Nov-97	PLCRS-1 May-98	PLCRS-1 Nov-98	PCLRS-1 May-99	Q	PCLRS-1 Nov-99	Q	Q	PCLRS-1 Aug-00
(3+4)-Methylphenol	µg/L	1															
1,2,4,5-Tetrachlorobenzene	µg/L	5															
1,2,4-Trichlorobenzene	µg/L	5															
1,3-Dinitrobenzene	µg/L	NA															
1,3,5-Trinitrobenzene	µg/L	5															
1,4-Napthoquinone	µg/L	NA															
1-Naphthylamine	µg/L	NA															
2,3,4,6-Tetrachlorophenol	µg/L	1															
2,4,5-Trichlorophenol	µg/L	1															
2,4,6-Trichlorophenol	µg/L	1															
2,4-Dichlorophenol	µg/L	1															
2,4-Dimethylphenol	µg/L	1															
2,4-Dinitrophenol	µg/L	1															
2,4-Dinitrotoluene	µg/L	5															
2,6-Dichlorophenol	µg/L	1															
2,6-Dinitrotoluene	µg/L	5															
2-Acetylaminofluorene	µg/L	NA															
2-Chloronaphthalene	µg/L	10															
2-Chlorophenol	µg/L	1															
2-Methylnaphthalene	µg/L	NA															
2-Methylphenol	µg/L	1															
2-Naphthylamine	µg/L	NA															
2-Nitroaniline	µg/L	5															
2-Nitrophenol	µg/L	1															
3,3′-Dichlorobenzidine	µg/L	5															
3,3′-Dimethylbenzidine	µg/L	5															
3-Methylcholanthrene	µg/L	NA															
3-Nitroaniline	µg/L	5															
4,6-Dinitro-2-methylphenol	µg/L	1															
4-Aminobiphenyl	µg/L	5															
4-Bromophenyl phenyl ether	µg/L	NA															
4-Chloro-3-methylphenol	µg/L	1															
4-Chloroaniline	µg/L	5															
4-Chlorophenyl phenyl ether	µg/L	NA															
4-Nitroaniline	µg/L	5															
4-Nitrophenol	µg/L	1															
5-Nitro-o-toluidine	µg/L	5															
7,12-Dimethylbenz(a)anthracene	µg/L	NA															
Acenaphthene	µg/L	20															
Acenaphthylene	µg/L	NA															
Acetophenone	µg/L	NA															
Anthracene	µg/L	50															
Benzo(a)pyrene	µg/L	NA															
Benzo(b)fluoranthene	µg/L	0.002															
Benzo(g,h,i)perylene	µg/L	NA															
Benzo(k)fluoranthene	µg/L	0.002															
Benzyl alcohol	µg/L	NA															
Bis(2-chloroethoxy)methane	µg/L	5															

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Parameter	Units	GW Std.	PLCRS-1 Jan-95	PLCRS-1 May-95	PLCRS-1 Nov-95	PLCRS-1 May-96	PLCRS-1 Nov-96	PLCRS-1 Jun-97	PLCRS-1 Nov-97	PLCRS-1 May-98	PLCRS-1 Nov-98	PCLRS-1 May-99	Q	PCLRS-1 Nov-99	Q	O	PCLRS-1 Aug-00
Bis(2-chloroethyl)ether	µg/L	1															
Bis(2-chloroisopropyl)ether	µg/L	5															
Bis(2-ethylhexyl)phthalate	µg/L	50															
Butyl benzyl phthalate	µg/L	50															
Chlorobenzilate	µg/L	NA															
Chrysene	µg/L	0.002															
Di-n-butyl phthalate	µg/L	50															
Di-n-octyl phthalate	µg/L	50															
Diallate	µg/L	NA															
Dibenz(a,h)anthracene	µg/L	NA															
Dibenzofuran	µg/L	NA															
Diethyl phthalate	µg/L	50															
Dimethoate	µg/L	NA															
Dimethyl phthalate	µg/L	50															
Diphenylamine	µg/L	5															
Disulfoton	µg/L	NA															
Ethyl methanesulfonate	µg/L	NA															
Famphur	µg/L	NA															
Fluoranthene	µg/L	50															
Fluorene	µg/L	50															
Hexachlorobenzene	µg/L	0.35															
Hexachlorobutadiene	µg/L	5															
Hexachlorocyclopentadiene	µg/L	5															
Hexachloroethane	µg/L	5															
Hexachloropropene	µg/L	5															
Indeno(1,2,3-cd)pyrene	µg/L	0.002															
Isodrin	µg/L	5															
Isophorone	µg/L	50															
Isosafrole	µg/L	NA															
Kepone	µg/L	NA															
Methapyrilene	µg/L	NA															
Methyl methanesulfonate	µg/L	NA															
Methyl parathion	µg/L	1.5															
N-Nitroso-di-n-butylamine	µg/L	NA															
N-Nitrosodi-n-propylamine	µg/L	NA															
N-Nitrosodiethylamine	µg/L	NA															
N-Nitrosodimethylamine	µg/L	NA															
N-Nitrosodiphenylamine	µg/L	50															
N-Nitrosomethylethylamine	µg/L	NA															
N-Nitrosopiperidine	µg/L	NA															
N-Nitrosopyrrolidine	µg/L	NA															
Naphthalene	µg/L	10															
Nitrobenzene	µg/L	5															
O,O,O-Triethylphosphorothioate	µg/L	NA															
Pentachlorobenzene	µg/L	5															
Pentachloronitrobenzene	µg/L	NA															
Pentachlorophenol	µg/L	1															

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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	Units	GW Std.		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1	PLCRS-1	PLCRS-1	PLCRS-1	PCLRS-1		PCLRS-1			PCLRS-1
Parameter				Jan-95		May-95		Nov-95		May-96		Nov-96		Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Phenacetin	µg/L	NA																					
Phenanthrene	µg/L	50																					
Phenol	µg/L	1																					
Phorate	µg/L	NA																					
Pronamide	µg/L	NA																					
Pyrene	µg/L	50																					
Safrole	µg/L	NA																					
Thionazin	µg/L	NA																					
o-Toluidine	µg/L	5																					
p-Dimethylaminoazobenzene	µg/L	NA																					
p-Phenylenediamine	µg/L	5																					
2,4,5-T	µg/L	35																					
2,4,5-TP (Silvex)	µg/L	0.26																					
2,4-D	µg/L	4.4																					
4,4´-DDD	µg/L	NA																					
4,4´-DDE	µg/L	NA																					
4,4´-DDT	µg/L	NA																					
Aldrin	µg/L	NA																					
Aroclor 1016	µg/L	0.1																					
Aroclor 1221	µg/L	0.1																					
Aroclor 1232	µg/L	0.1																					
Aroclor 1242	µg/L	0.1																					
Aroclor 1248	µg/L	0.1																					
Aroclor 1254	µg/L	0.1																					
Aroclor 1260	µg/L	0.1																					
Dicamba	µg/L	NA																					
Dieldrin	µg/L	NA																					
Dinoseb	µg/L	1																					
Endosulfan I	µg/L	NA																					
Endosulfan II	µg/L	NA																					
Endosulfan sulfate	µg/L	NA																					
Endrin	µg/L	NA																					
Endrin aldehyde	µg/L	5																					
Endrin ketone	µg/L	NA																					
Heptachlor	µg/L	NA																					
Heptachlor epoxide	µg/L	NA																					
Methoxychlor	µg/L	35																					
Toxaphene	µg/L	NA																					
alpha-BHC	µg/L	NA																					
alpha-Chlordane	µg/L	0.1																					
beta-BHC	µg/L	NA																					
delta-BHC	µg/L	NA																					
gamma-BHC	µg/L	NA																					
gamma-Chlordane	µg/L	NA																					
Aroclor 1262	µg/L																						
Aroclor 1268	µg/L																						

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
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	Units	GW Std.		PCLRS-1		PCLRS-1		PCLRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1
Parameter			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Conductivity	umhos/cm	NA		17950		17950		19890		9860		1429		9790		17550		20700		10210		10,350		5440		19400
Dissolved Oxygen	mg/L	> 7														0.65		0.65		1.5		1.7		2		2.2
Eh	mV	NA		136.5		136.5		-120.3		25		32		65		15		12				35		-60		30
pH	SU	6.5 - 8.5		7.2		7.2		6.89		7.45		6.98		6.8		7.12		6.62		7.03		7.4		7.04		7.32
Temperature	degC	NA		14.7		14.7		20.2		13.8		14		15		15		12		19		17		17		8.4
Turbidity	NTU	5		23		23		38		18.4		200		35		15		105		70		120		176		65.7
Water Level	ft	NA																								
Bromide	mg/L	NA	U	1	U	1		54.4		34		4.9		6.7		5.9		5.6	<	20.00000		57		29	<	2
Aluminum	µg/L	NA		110		110		1580		2660		401		786		405		726		662		177		551		468
Antimony	µg/L	3	U	50	U	50	U	50	<	15		20.3		15.8	<	15		20.8		44.8		51.9		25.3	<	15
Arsenic	µg/L	25		11		11		38		22.3		28.4	<	10	<	10	<	10		2.32	<	10	<	10		41.9
Barium	µg/L	1000		2900		2900		2490		3800		1620		2980		2760		2310		2620		1390		821		1690
Beryllium	µg/L	3	U	2	U	2	U	2	<	3	<	3	<	3	<	3	<	3		5.02	<	3	<	3	<	3
Cadmium	µg/L	10	U	5	U	5	U	5	<	5	<	5	<	5	<	5	<	5		2.9	<	5	<	5	<	5
Calcium	µg/L	NA		393000		393000		544000		439000		416000		370000		449000		664000		393000		297000		437000		448000
Chromium	µg/L	50		195		195		199		259		72.2		124		75.9		123		80.8		35.6		94.8		52.8
Cobalt	µg/L	NA	U	10	U	10	U	10	<	20	<	20	<	20	<	20	<	20		8.94	<	20	<	20	<	20
Copper	µg/L	200		58		58		50		38.2	<	10	<	10	<	10	<	10		53.8		20.1		48.9		12.8
Hardness, Total (mg/l CaCO3)	mg/l	NA		2150		2150		2960		2360						2300		3000		2500		1480		2300		2220
Iron	µg/L	300		3250		3250		19200		11400		8430		6970		6740		9280		9680		9530		9230		17600
Lead	µg/L	25		1		1		12		5.27	<	3	<	3	<	3	<	3		24	<	3		14		5.66
Magnesium	µg/L	35000		285000		285000		388000		307000		244000		295000		287000		332000		362000		180000		294000		266000
Manganese	µg/L	300		1790		1790		1370		1420		999		1020		1090		2420		1090		1010		1380		1240
Mercury	µg/L	2	U	0.2	U	0.2	U	0.2	<	0.2		0.23		0.57	<	0.2	<	0.2		0.2	<	0.16	<	0.2	<	0.2
Nickel	µg/L	NA		49		49		44		62.2		39		45.6		39.6		45.6		71.7		38.3		78.2		45.7
Potassium	µg/L	NA		1570000		1570000		1420000		1910000		1220000		1650000		1560000		180000		2380000		1040000		1030000		641000
Selenium	µg/L	10	U	2	U	2	U	2	<	5	<	5	<	5	<	5	<	5	<	0.50000	<	5	<	5		11.9
Silver	µg/L	50	U	10	U	10	U	10	<	10	<	10	<	10	<	10	<	10		11.6	<	10	<	10	<	10
Sodium	µg/L	20000		1770000		1770000		1720000		2520000		1280000		2000000		2670000		1950000		2460000		983000		1000000		870000
Thallium	µg/L	4	U	1	U	1	U	1	<	10	<	10	<	10	<	10	<	10	<	0.30000	<	10	<	10		12.7
Tin	µg/L	NA	U	800	U	800	U	800		1.94									<	0.30000	<	300	<	300	<	300
Vanadium	µg/L	NA		18		18		57		49.6	<	30	<	30	<	30	<	30		42.9		10		31.2	<	30
Zinc	µg/L	300		43		43		99		152		10.8		51.2		47.7		114		98.6		33.5		459		520
Boron	µg/L	1		15000		15000		20100		24400		13000		20000		15000		18000		19500		8690		15900		10800
1,1,1,2-Tetrachloroethane	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
1,1,1-Trichloroethane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
1,1,2,2-Tetrachloroethane	µg/L	5	U	50	U	50	U	50	<	10000	<	100000	<	100000	<	100000	<	100000	<	250.00000	<	500	<	5	<	50
1,1,2-Trichloroethane	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
1,1-Dichloroethane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
1,1-Dichloroethene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
1,1-Dichloropropene	µg/L	5																	<	250.00000	<	500	<	5	<	50
1,2,3-Trichloropropane	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
1,2-Dibromo-3-chloropropane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	500.00000	<	1000	<	10	<	100
1,2-Dibromoethane	µg/L	5	U	50	U	50	U	50	<	50	<	500		170		170		170	<	250.00000	<	500	<	5	<	50
1,2-Dichlorobenzene	µg/L	4.7	U	20	U	20	U	20	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
1,2-Dichloroethane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
1,2-Dichloropropane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
1,3-Dichlorobenzene	µg/L	5																	<	250.00000	<	500	<	5	<	50
1,3-Dichloropropane	µg/L	5																	<	250.00000	<	500	<	5	<	50
1,4-Dichlorobenzene	µg/L	4.7	U	20	U	20	U	20	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
2,2-Dichloropropane	µg/L	5																	<	250.00000	<	500	<	5	<	50
2-Butanone	µg/L	50																	<	500.00000	<	1000		27		300
2-Hexanone	µg/L	50	U	100	U	100	U	100	<	50	<	500	<	500	<	500	<	500	<	500.00000	<	1000	<	10	<	100
4-Methyl-2-pentanone	µg/L	NA																	<	500.00000	<	1000	<	10	<	100

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	Units	GW Std.		PCLRS-1		PCLRS-1		PCLRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1
Parameter			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Acetone	µg/L	50	U	250	U	250	U	250	<	100	<	1000	<	1000	<	1000	<	1000	<	500.00000	<	1000		15		130
Acetonitrile	µg/L	NA	U	200	U	200	U	200	<	1000	<	10000	<	10000	<	10000	<	10000	<	5000.00000	<	10000	<	100	<	1000
Acrolein	µg/L	5																	<	5000.00000	<	10000	<	100	<	1000
Acrylonitrile	µg/L	5																	<	5000.00000	<	10000	<	100	<	1000
Allyl chloride	µg/L	5																	<	250.00000	<	500	<	5	<	50
Benzene	µg/L	0.7	U	7	U	7	U	7	<	1000	<	10000	<	10000	<	10000	<	10000	<	250.00000	<	500	<	5	<	50
Bromochloromethane	µg/L	5	U	50	U	50	U	50	<	1000	<	10000	<	10000	<	10000	<	10000	<	250.00000	<	500	<	5	<	50
Bromodichloromethane	µg/L	50	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Bromoform	µg/L	50	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Bromomethane	µg/L	NA	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Carbon disulfide	µg/L	NA	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Carbon tetrachloride	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Chlorobenzene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Chloroethane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Chloroform	µg/L	7	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000		200	<	5	<	50
Chloromethane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Chloroprene	µg/L	5																	<	500.00000	<	1000	<	10	<	100
cis-1,2-Dichloroethene	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
cis-1,3-Dichloropropene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Dibromochloromethane	µg/L	50	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Dibromomethane	µg/L	NA	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Dichlorodifluoromethane	µg/L	5																	<	250.00000	<	500	<	5	<	50
Ethyl Methacrylate	µg/L	NA																	<	500.00000	<	1000	<	10	<	100
Ethylbenzene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Iodomethane	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Isobutyl Alcohol	µg/L	NA																	<	50000.00000	<	100000	<	1000	<	10000
m,p-Xylene	µg/L	NA	U	50	U	50	U	50	<	1000	<	10000	<	10000	<	10000	<	10000	<	250.00000	<	500	<	5	<	50
Methacrylonitrile	µg/L	5																	<	500.00000	<	1000	<	10	<	100
Methyl Methacrylate	µg/L	50																	<	500.00000	<	1000	<	10	<	100
Methylene chloride	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500		100		1500	<	5	<	50
o-Xylene	µg/L	5	U	50	U	50	U	50		19	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Propionitrile	µg/L	NA																	<	5000.00000	<	10000	<	100	<	1000
Styrene	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
Tetrachloroethene	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
Toluene	µg/L	5	U	50	U	50		52	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5		920
trans-1,2-Dichloroethene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
trans-1,3-Dichloropropene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
trans-1,4-Dichloro-2-butene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	500.00000	<	1000	<	10	<	100
Trichloroethene	µg/L	5	U	50	U	50	U	50	<	50	<	500	<	500	<	500	<	500	<	250.00000	<	500	<	5	<	50
Trichlorofluoromethane	µg/L	5	U	50	U	50	U	50	<	100	<	1000	<	1000	<	1000	<	1000	<	250.00000	<	500	<	5	<	50
Vinyl acetate	µg/L	NA	U	100	U	100	U	100	<	50	<	500	<	500	<	500	<	500	<	2500.00000	<	5000	<	50	<	500
Vinyl chloride	µg/L	2	U	20	U	20	U	20	<	50	<	500		120	<	500	<	500	<	250.00000	<	500	<	5	<	50
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		2070		2070		3630		2200		2700		2600		2100		2300		2700		1000		4000		1400
Biochemical Oxygen Demand	mg/L	NA		35		35		130		63		300		130		120		210		130		174		1860		264
Chemical Oxygen Demand	mg/L	NA		2300		2300		1210		1100		670		800		380		1100		1870		322		1490		699
Chloride	mg/L	250	U	1	U	1		424		5800		5000		7600		5400		6900		6920		6330		3470		2280
Color	UNITS	15						417		540		2600		130		250		1800		280		100		1000		1250
Cyanide	µg/L	100	U	0.01	U	0.01	U	0.01	<	0.01	<	0.01	<	0.01	<	0.1	<	0.01		101	<	10	<	10	<	10
Hexavalent chromium	mg/L	0.05	U	0.01	U	0.01		0.007	<	0.00001	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01000	<	0.01	<	0.2	<	0.02
Nitrogen, Ammonia (As N)	mg/L	2		431		431		280		660		390		580		440		480		498		315		5.43		230
Nitrogen, Kjeldahl, Total	mg/L	NA		314		314		450		590		400		870		450		470		740		352		10		274
Nitrogen, Nitrate (As N)	mg/L	10	U	0.05	U	0.05	U	0.1	<	0.2		0.2	<	0.2		1.2	<	0.2	<	0.20000	<	0.2	<	0.2	<	0.2
Organic Carbon, Total	mg/L	NA		180		180		370		400		280		180		170		260		330		220		1050		550
Phenolics, Total Recoverable	mg/L	0.001		0.0454		0.0454		0.244		0.034		0.17		0.033		0.024		0.036				0.02		0.813		0.146
Residue, Dissolved (TDS)	mg/L	500		10500		10500		11200		14000		10000		14000		9700		12000		14200		7080		8680		5450
Sulfate	mg/L	250		330		330		44		8		120		110		140		540		8.8		236	<	50		13.6
Sulfide	mg/L	NA																	<	0.1		4.75	<	0.1		

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(3+4)-Methylphenol	µg/L	1																	<	100.00000	<	10		1800		150
1,2,4,5-Tetrachlorobenzene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
1,2,4-Trichlorobenzene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
1,3-Dinitrobenzene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
1,3,5-Trinitrobenzene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
1,4-Napthoquinone	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
1-Naphthylamine	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
2,3,4,6-Tetrachlorophenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2,4,5-Trichlorophenol	µg/L	1																	<	250.00000	<	25	<	2500	<	250
2,4,6-Trichlorophenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2,4-Dichlorophenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2,4-Dimethylphenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2,4-Dinitrophenol	µg/L	1																	<	250.00000	<	25	<	2500	<	250
2,4-Dinitrotoluene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
2,6-Dichlorophenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2,6-Dinitrotoluene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
2-Acetylaminofluorene	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
2-Chloronaphthalene	µg/L	10																	<	100.00000	<	10	<	1000	<	100
2-Chlorophenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2-Methylnaphthalene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
2-Methylphenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
2-Naphthylamine	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
2-Nitroaniline	µg/L	5																	<	250.00000	<	25	<	2500	<	250
2-Nitrophenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
3,3´-Dichlorobenzidine	µg/L	5																	<	100.00000	<	10	<	1000	<	100
3,3´-Dimethylbenzidine	µg/L	5																	<	100.00000	<	10	<	1000	<	100
3-Methylcholanthrene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
3-Nitroaniline	µg/L	5																	<	250.00000	<	25	<	2500	<	250
4,6-Dinitro-2-methylphenol	µg/L	1																	<	250.00000	<	25	<	2500	<	250
4-Aminobiphenyl	µg/L	5																	<	200.00000	<	20	<	2000	<	200
4-Bromophenyl phenyl ether	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
4-Chloro-3-methylphenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
4-Chloroaniline	µg/L	5																	<	100.00000	<	10	<	1000	<	100
4-Chlorophenyl phenyl ether	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
4-Nitroaniline	µg/L	5																	<	250.00000	<	25	<	2500	<	250
4-Nitrophenol	µg/L	1																	<	250.00000	<	25	<	2500	<	250
5-Nitro-o-toluidine	µg/L	5																	<	100.00000	<	10	<	1000	<	100
7,12-Dimethylbenz(a)anthracene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Acenaphthene	µg/L	20																	<	100.00000	<	10	<	1000	<	100
Acenaphthylene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Acetophenone	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Anthracene	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Benzo(a)pyrene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Benzo(b)fluoranthene	µg/L	0.002																	<	100.00000	<	10	<	1000	<	100
Benzo(g,h,i)perylene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Benzo(k)fluoranthene	µg/L	0.002																	<	100.00000	<	10	<	1000	<	100
Benzyl alcohol	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Bis(2-chloroethoxy)methane	µg/L	5																	<	100.00000	<	10	<	1000	<	100

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Bis(2-chloroethyl)ether	µg/L	1																	<	100.00000	<	10	<	1000	<	100
Bis(2-chloroisopropyl)ether	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Bis(2-ethylhexyl)phthalate	µg/L	50																		10		1	<	1000	<	100
Butyl benzyl phthalate	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Chlorobenzilate	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Chrysene	µg/L	0.002																	<	100.00000	<	10	<	1000	<	100
Di-n-butyl phthalate	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Di-n-octyl phthalate	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Diallate	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
Dibenz(a,h)anthracene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Dibenzofuran	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Diethyl phthalate	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Dimethoate	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Dimethyl phthalate	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Diphenylamine	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Disulfoton	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Ethyl methanesulfonate	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
Famphur	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
Fluoranthene	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Fluorene	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Hexachlorobenzene	µg/L	0.35																	<	100.00000	<	10	<	1000	<	100
Hexachlorobutadiene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Hexachlorocyclopentadiene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Hexachloroethane	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Hexachloropropene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Indeno(1,2,3-cd)pyrene	µg/L	0.002																	<	100.00000	<	10	<	1000	<	100
Isodrin	µg/L	5																	<	200.00000	<	20	<	2000	<	200
Isophorone	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Isosafrole	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Kepone	µg/L	NA																	<	250.00000	<	25	<	2500	<	250
Methapyrilene	µg/L	NA																	<	1000.00000	<	100	<	10000	<	1000
Methyl methanesulfonate	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Methyl parathion	µg/L	1.5																	<	100.00000	<	10	<	1000	<	100
N-Nitroso-di-n-butylamine	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
N-Nitrosodi-n-propylamine	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
N-Nitrosodiethylamine	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
N-Nitrosodimethylamine	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
N-Nitrosodiphenylamine	µg/L	50																	<	100.00000	<	10	<	1000	<	100
N-Nitrosomethylethylamine	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
N-Nitrosopiperidine	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
N-Nitrosopyrrolidine	µg/L	NA																	<	400.00000	<	40	<	4000	<	400
Naphthalene	µg/L	10																	<	100.00000	<	10	<	1000	<	100
Nitrobenzene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
O,O,O-Triethylphosphorothioate	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Pentachlorobenzene	µg/L	5																	<	100.00000	<	10	<	1000	<	100
Pentachloronitrobenzene	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
Pentachlorophenol	µg/L	1																	<	250.00000	<	25	<	2500	<	250

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	Units	GW Std.		PCLRS-1		PCLRS-1		PCLRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1
Parameter			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Phenacetin	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
Phenanthrene	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Phenol	µg/L	1																	<	100.00000	<	10	<	1000	<	100
Phorate	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Pronamide	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Pyrene	µg/L	50																	<	100.00000	<	10	<	1000	<	100
Safrole	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
Thionazin	µg/L	NA																	<	200.00000	<	20	<	2000	<	200
o-Toluidine	µg/L	5																	<	100.00000	<	10	<	1000	<	100
p-Dimethylaminoazobenzene	µg/L	NA																	<	100.00000	<	10	<	1000	<	100
p-Phenylenediamine	µg/L	5																	<	100.00000	<	10	<	1000	<	100
2,4,5-T	µg/L	35																	<	10.00000	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26																	<	10.00000	<	1	<	1	<	1
2,4-D	µg/L	4.4																	<	10.00000	<	1	<	1	<	1
4,4´-DDD	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
4,4´-DDE	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
4,4´-DDT	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Aldrin	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Aroclor 1016	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1221	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1232	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1242	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1248	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1254	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1260	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Dicamba	µg/L	NA																	<	10.00000	<	1	<	1	<	1
Dieldrin	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Dinoseb	µg/L	1																	<	10.00000	<	1	<	1	<	1
Endosulfan I	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Endosulfan II	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Endosulfan sulfate	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Endrin	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Endrin aldehyde	µg/L	5																	<	10.00000	<	100	<	0.1	<	0.1
Endrin ketone	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Heptachlor	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Heptachlor epoxide	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Methoxychlor	µg/L	35																	<	50.00000	<	500	<	0.5	<	0.5
Toxaphene	µg/L	NA																	<	500.00000	<	5000	<	5	<	5
alpha-BHC	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
alpha-Chlordane	µg/L	0.1																	<	5.00000	<	50	<	0.05	<	0.05
beta-BHC	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
delta-BHC	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
gamma-BHC	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
gamma-Chlordane	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Aroclor 1262	µg/L																									
Aroclor 1268	µg/L																									

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Parameter				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11		
Conductivity	umhos/cm	NA		12680		11180		7680		1462		803		695		610		552		599		471		10.9		
Dissolved Oxygen	mg/L	> 7		2.29		3.23		3.42																		
Eh	mV	NA		-80		5		-41		-31		7		211		160		277		147		-49		100		
pH	SU	6.5 - 8.5		7.41		7.36		6.68		7.24		6.89		6.76		7.76		6.82		7.99		7.59		7.12		
Temperature	degC	NA		15.6		14.3		23.7		15.3		15.1		15.9		19.9		24.7		12.6		7.5		19.6		
Turbidity	NTU	5		146		91.8		59.4		320		65.1		171		7.41		52.7		118		211		136		
Water Level	ft	NA																								
Bromide	mg/L	NA		33		28	<	200	<	200		230	<	20		44	<	40	<	40	<	40	<	80		
Aluminum	µg/L	NA		782	<	100		102		3180	<	100	<	100	<	100		118		553		491		158		
Antimony	µg/L	3	<	15	<	15	<	15	<	15	<	30	<	30	<	30	<	50	<	50	<	50	<	25		
Arsenic	µg/L	25		11.3	<	10		36.3		21.4		19.8	<	10	<	10	<	50		94	<	50		31		
Barium	µg/L	1000		1830		1340		775		2540		1040		760		1060		944		1050		2240		1550		
Beryllium	µg/L	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		
Cadmium	µg/L	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		5.87	<	5		
Calcium	µg/L	NA		248000		300000		398000		223000		243000		281000		266000		276000		330000		381000		234000		
Chromium	µg/L	50		102		74.9		22.4		102		62.5		60.2		43.5		36.8		24.6		123		51.8		
Cobalt	µg/L	NA	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20		
Copper	µg/L	200		31.1		19.5		10.4		23.3	<	10	<	10		33.8	<	10	<	10		22.3	<	10		
Hardness, Total (mg/l CaCO3)	mg/l	NA		1420		1460000		2110		1430000		1460000		1470000		1610000		1510000		1430000		1710000		1250000		
Iron	µg/L	300		18800		24300		237		35300		562		11800		822		858		11000		73500		10800		
Lead	µg/L	25	<	3	<	3	<	3		5.1	<	3	<	3	<	3	<	30	<	30	<	30	<	15		
Magnesium	µg/L	35000		195000		173000		272000		211000		207000		186000		229000		199000		147000		184000		162000		
Manganese	µg/L	300		1110		1710		707		936		539		1310		469		443		1170		1720		897		
Mercury	µg/L	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2		
Nickel	µg/L	NA		34.7	<	30		36.6		39.7		61.1	<	30		75.9		40		46.2		46.4		32.1		
Potassium	µg/L	NA		870000		751000		798000		1060000		930000		36100		1080000		1090000		832000		684000		684000		
Selenium	µg/L	10		7.2	<	5		15	<	5	<	5	<	5	<	5		121		310		130		140		
Silver	µg/L	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10		
Sodium	µg/L	20000		1230000		1010000		743000		1680000		1040000		51700		1330000		1140000		1120000		1200000		1080000		
Thallium	µg/L	4	<	10		15.8	<	10	<	10	<	10	<	10	<	10	<	30	<	30	<	30	<	15		
Tin	µg/L	NA	<	300	<	30	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300		
Vanadium	µg/L	NA	<	30		26.7	<	30	<	30	<	30	<	30	<	30	<	30	<	30		37.1	<	30		
Zinc	µg/L	300		36.1		8470		13.8		28.8	<	10	<	10		17	<	10		90.2		51		38.3		
Boron	µg/L	1		12600	<	50		9610		19000		12200		11500		13800		11700		8640		9590		8320		
1,1,1,2-Tetrachloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,1,1-Trichloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,1,2,2-Tetrachloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,1,2-Trichloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,1-Dichloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,1-Dichloroethene	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,1-Dichloropropene	µg/L	5	<	10	<	100	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,2,3-Trichloropropane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,2-Dibromo-3-chloropropane	µg/L	5	<	20	<	50	<	20	<	250	<	250	<	25	<	250	<	200	<	200	<	200	<	100		
1,2-Dibromoethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,2-Dichlorobenzene	µg/L	4.7	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,2-Dichloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,2-Dichloropropane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50		
1,3-Dichlorobenzene	µg/L	5	<	10	<	100	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,3-Dichloropropane	µg/L	5	<	10	<	100	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
1,4-Dichlorobenzene	µg/L	4.7	<	10	<	100	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50		
2,2-Dichloropropane	µg/L	5	<	10	<	100	<	10	<	120	<	120	<	20	<	120	<	100	<	100	<	100	<	50		
2-Butanone	µg/L	50	<	20	<	1000	<	20	<	250	<	250	<	10	<	250	<	200		490	<	200	<	100		
2-Hexanone	µg/L	50	<	20	<	50	<	20	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100		
4-Methyl-2-pentanone	µg/L	NA	<	20	<	50	<	20	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100		

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Parameter	Units	GW Std.		PLCRS-1 Jun-06		PLCRS-1 Nov-06		PLCRS-1 May-07		PLCRS-1 May-08		PLCRS-1 Nov-08		PLCRS-1 May-09		PLCRS-1 Aug-09		PLCRS-1 May-10		PLCRS-1 Nov-10		PLCRS-1 Jan-11		PLCRS-1 Aug-11
Acetone	µg/L	50	<	20	<	50	<	20	<	250	<	250	<	10	<	250	<	200		290	<	200	<	100
Acetonitrile	µg/L	NA	<	200	<	50	<	200	<	2500	<	2500	<	10	<	2500	<	2000	<	2000	<	2000	<	1000
Acrolein	µg/L	5	<	200	<	50	<	200	<	2500	<	2500	<	25	<	2500	<	2000	<	2000	<	2000	<	1000
Acrylonitrile	µg/L	5	<	200	<	50	<	200	<	2500	<	2500	<	10	<	2500	<	2000	<	2000	<	2000	<	1000
Allyl chloride	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Benzene	µg/L	0.7	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Bromochloromethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Bromodichloromethane	µg/L	50	<	10	<	50	<	10	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Bromoform	µg/L	50	<	10	<	50	<	10	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Bromomethane	µg/L	NA	<	10	<	50	<	10	<	120	<	120	<	20	<	120	<	100	<	100	<	100	<	50
Carbon disulfide	µg/L	NA	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Carbon tetrachloride	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Chlorobenzene	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Chloroethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Chloroform	µg/L	7	<	10	<	50	<	10	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Chloromethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Chloroprene	µg/L	5	<	20	<	50	<	20	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100
cis-1,2-Dichloroethene	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
cis-1,3-Dichloropropene	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	20	<	120	<	100	<	100	<	100	<	50
Dibromochloromethane	µg/L	50	<	10	<	500	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Dibromomethane	µg/L	NA	<	10	<	50	<	10	<	120	<	250	<	10	<	120	<	100	<	100	<	100	<	50
Dichlorodifluoromethane	µg/L	5	<	10	<	50	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Ethyl Methacrylate	µg/L	NA	<	20	<	50	<	20	<	250	<	120	<	10	<	250	<	200	<	200	<	200	<	100
Ethylbenzene	µg/L	5	<	10	<	50		10	<	120	<	25000	<	10	<	120	<	100	<	100	<	100	<	50
Iodomethane	µg/L	5	<	10	<	50	<	10	<	120	<	250	<	10	<	120	<	100	<	100	<	100	<	50
Isobutyl Alcohol	µg/L	NA	<	2000	<	50	<	2000	<	25000	<	250	<	10	<	25000	<	20000	<	20000	<	20000	<	10000
m,p-Xylene	µg/L	NA	<	10	<	50		18	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Methacrylonitrile	µg/L	5	<	20	<	100	<	20	<	250	<	2500	<	10	<	250	<	200	<	200	<	200	<	100
Methyl Methacrylate	µg/L	50	<	20		1700	<	20	<	250	<	120	<	10	<	250	<	200	<	200	<	200	<	100
Methylene chloride	µg/L	5	<	10		19	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
o-Xylene	µg/L	5	<	10		324	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Propionitrile	µg/L	NA	<	200		2460	<	200	<	2500	<	120	<	10	<	2500	<	2000	<	2000	<	2000	<	1000
Styrene	µg/L	5	<	10		100	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Tetrachloroethene	µg/L	5	<	10	<	10	<	10	<	120	<	1200	<	10	<	120	<	100	<	100	<	100	<	50
Toluene	µg/L	5	<	10	<	0.01	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
trans-1,2-Dichloroethene	µg/L	5	<	10		262	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
trans-1,3-Dichloropropene	µg/L	5	<	10		428	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
trans-1,4-Dichloro-2-butene	µg/L	5	<	20	<	0.2	<	20	<	250	<	120	<	10	<	250	<	200	<	200	<	200	<	100
Trichloroethene	µg/L	5	<	10		140	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Trichlorofluoromethane	µg/L	5	<	10		0.01	<	10	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Vinyl acetate	µg/L	NA	<	100		5880	<	100	<	1200	<	120	<	10	<	1200	<	1000	<	1000	<	1000	<	500
Vinyl chloride	µg/L	2	<	10		338	<	10	<	120	<	250	<	10	<	120	<	100	<	100	<	100	<	50
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		1900				220		2200		2900	<	10		2400		2300		1400		3400		1300
Biochemical Oxygen Demand	mg/L	NA		34				35		45		28	<	10		50		17		280		280		42
Chemical Oxygen Demand	mg/L	NA		397				300		651		480	<	20		520		391		690		340		600
Chloride	mg/L	250		3350				2470		5090		2900	<	20		3900		2010		2460		2270		1570
Color	UNITS	15		700				125		580		550	<	10		400		300		160		350		550
Cyanide	µg/L	100	<	10			<	10	<	0.01	<	0.01	<	10	<	10	<	10	<	10	<	10	<	10
Hexavalent chromium	mg/L	0.05	<	0.01			<	0.01	<	0.1	<	0.01	<	10	<	0.02	<	0.01	<	0.02	<	0.05	<	0.04
Nitrogen, Ammonia (As N)	mg/L	2		398				277		512		414	<	10		522		322		271		280		208
Nitrogen, Kjeldahl, Total	mg/L	NA		658				115		532		438	<	10		525		241		340		353		354
Nitrogen, Nitrate (As N)	mg/L	10		0.34			<	0.2	<	0.2	<	0.2	<	10		2.5		0.148		0.174		0.108		1.4
Organic Carbon, Total	mg/L	NA		225				448		227		154	<	10		95.3	<	150		154		152		101
Phenolics, Total Recoverable	mg/L	0.001		0.035				0.007	<	0.025	<	0.025	<	10		0.058	<	0.125		0.191	<	0.25	<	0.125
Residue, Dissolved (TDS)	mg/L	500		8120				6430		9660		6120	<	20		7800		5200		6000		5900		5700
Sulfate	mg/L	250		145				137		114		185	<	10		200		209		156	<	50		158
Sulfide	mg/L	NA	<	0.1				20.8		1.43		0.893	<	10	<	0.1		0.502		0.167		0.109	<	0.1

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	Units	GW Std.		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1
Parameter				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11		
(3+4)-Methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	25	<	100	<	10		380	<	100	<	5		
1,2,4,5-Tetrachlorobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	100	<	100	<	10	<	100	<	100	<	5		
1,2,4-Trichlorobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
1,3-Dinitrobenzene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
1,3,5-Trinitrobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
1,4-Napthoquinone	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
1-Naphthylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	20	<	100	<	10	<	100	<	100	<	5		
2,3,4,6-Tetrachlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2,4,5-Trichlorophenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	25	<	250	<	250	<	10		
2,4,6-Trichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2,4-Dichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	20	<	100	<	10	<	100	<	100	<	5		
2,4-Dimethylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	40	<	100	<	10	<	100	<	100	<	5		
2,4-Dinitrophenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	25	<	250	<	250	<	10		
2,4-Dinitrotoluene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2,6-Dichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2,6-Dinitrotoluene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2-Acetylaminofluorene	µg/L	NA	<	20			<	20	<	20	<	50	<	20	<	200	<	20	<	200	<	200	<	10		
2-Chloronaphthalene	µg/L	10	<	10			<	10	<	10	<	25	<	25	<	100	<	10	<	100	<	100	<	5		
2-Chlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	20	<	100	<	10	<	100	<	100	<	5		
2-Methylnaphthalene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2-Methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2-Naphthylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
2-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	10	<	250	<	25	<	250	<	250	<	10		
2-Nitrophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
3,3´-Dichlorobenzidine	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
3,3´-Dimethylbenzidine	µg/L	5	<	10			<	10	<	10	<	25	<	20	<	100	<	10	<	100	<	100	<	5		
3-Methylcholanthrene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
3-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	10	<	250	<	25	<	250	<	250	<	10		
4,6-Dinitro-2-methylphenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	25	<	250	<	250	<	10		
4-Aminobiphenyl	µg/L	5	<	20			<	20	<	20	<	50	<	120	<	200	<	20	<	200	<	200	<	10		
4-Bromophenyl phenyl ether	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
4-Chloro-3-methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
4-Chloroaniline	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
4-Chlorophenyl phenyl ether	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
4-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	120	<	250	<	25	<	250	<	250	<	10		
4-Nitrophenol	µg/L	1	<	25			<	25	<	25	<	62	<	120	<	250	<	25	<	250	<	250	<	10		
5-Nitro-o-toluidine	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
7,12-Dimethylbenz(a)anthracene	µg/L	NA	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5		
Acenaphthene	µg/L	20	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Acenaphthylene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Acetophenone	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Anthracene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Benzo(a)pyrene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Benzo(b)fluoranthene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Benzo(g,h,i)perylene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Benzo(k)fluoranthene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5		
Benzyl alcohol	µg/L	NA	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5		
Bis(2-chloroethoxy)methane	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5		

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FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.		PLCRS-1 Jun-06		PLCRS-1 Nov-06		PLCRS-1 May-07		PLCRS-1 May-08		PLCRS-1 Nov-08		PLCRS-1 May-09		PLCRS-1 Aug-09		PLCRS-1 May-10		PLCRS-1 Nov-10		PLCRS-1 Jan-11		PLCRS-1 Aug-11
Bis(2-chloroethyl)ether	µg/L	1	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5
Bis(2-chloroisopropyl)ether	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5
Bis(2-ethylhexyl)phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	2500	<	100	<	10	<	100	<	100	<	5
Butyl benzyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	2500	<	100	<	10	<	100	<	100	<	5
Chlorobenzilate	µg/L	NA	<	10			<	10	<	10	<	25	<	2500	<	100	<	10	<	100	<	100	<	5
Chrysene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Di-n-butyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Di-n-octyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Diallate	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	20	<	200	<	200	<	10
Dibenz(a,h)anthracene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Dibenzofuran	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Diethyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Dimethoate	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Dimethyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Diphenylamine	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Disulfoton	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Ethyl methanesulfonate	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	20	<	200	<	200	<	10
Famphur	µg/L	NA	<	20			<	20	<	20	<	50	<	250	<	200	<	20	<	200	<	200	<	10
Fluoranthene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Fluorene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Hexachlorobenzene	µg/L	0.35	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Hexachlorobutadiene	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5
Hexachlorocyclopentadiene	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Hexachloroethane	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Hexachloropropene	µg/L	5	<	10			<	10	<	10	<	25	<	25000	<	100	<	10	<	100	<	100	<	5
Indeno(1,2,3-cd)pyrene	µg/L	0.002	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5
Isodrin	µg/L	5	<	20			<	20	<	20	<	50	<	250	<	200	<	20	<	200	<	200	<	10
Isophorone	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Isosafrole	µg/L	NA	<	10			<	10	<	10	<	25	<	2500	<	100	<	10	<	100	<	100	<	5
Kepone	µg/L	NA	<	25			<	25	<	25	<	62	<	120	<	250	<	25	<	250	<	250	<	10
Methapyrilene	µg/L	NA	<	100			<	100	<	100	<	250	<	120	<	1000	<	100	<	1000	<	1000	<	20
Methyl methanesulfonate	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Methyl parathion	µg/L	1.5	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
N-Nitroso-di-n-butylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
N-Nitrosodi-n-propylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	1200	<	100	<	10	<	100	<	100	<	5
N-Nitrosodiethylamine	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	20	<	200	<	200	<	10
N-Nitrosodimethylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
N-Nitrosodiphenylamine	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
N-Nitrosomethylethylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
N-Nitrosopiperidine	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	20	<	200	<	200	<	10
N-Nitrosopyrrolidine	µg/L	NA	<	40			<	40	<	40	<	100	<	120	<	400	<	40	<	400	<	400	<	10
Naphthalene	µg/L	10	<	10			<	10	<	10	<	25	<	120	<	100	<	10	<	100	<	100	<	5
Nitrobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	10	<	100	<	100	<	5
O,O,O-Triethylphosphorothioate	µg/L	NA	<	10			<	10	<	10	<	25		1600	<	100	<	10	<	100	<	100	<	5
Pentachlorobenzene	µg/L	5	<	10			<	10	<	10	<	25		22.4	<	100	<	10	<	100	<	100	<	5
Pentachloronitrobenzene	µg/L	NA	<	20			<	20	<	20	<	50		408	<	200	<	20	<	200	<	200	<	10
Pentachlorophenol	µg/L	1	<	25			<	25	<	25	<	62		3100	<	250	<	25	<	250	<	250	<	10

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	Units	GW Std.		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1		PLCRS-1
Parameter				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11		
Phenacetin	µg/L	NA	<	20			<	20	<	20	<	50		210	<	200	<	20	<	200	<	200	<	10		
Phenanthrene	µg/L	50	<	10			<	10	<	10	<	25	<	10	<	100	<	10	<	100	<	100	<	5		
Phenol	µg/L	1	<	10			<	10	<	10	<	25	<	0.01	<	100	<	10	<	100	<	100	<	5		
Phorate	µg/L	NA	<	10			<	10	<	10	<	25		392	<	100	<	10	<	100	<	100	<	5		
Pronamide	µg/L	NA	<	10			<	10	<	10	<	25		392	<	100	<	10	<	100	<	100	<	5		
Pyrene	µg/L	50	<	10			<	10	<	10	<	25	<	0.2	<	100	<	10	<	100	<	100	<	5		
Safrole	µg/L	NA	<	10			<	10	<	10	<	25		126	<	100	<	10	<	100	<	100	<	5		
Thionazin	µg/L	NA	<	20			<	20	<	20	<	50		0.082	<	200	<	20	<	200	<	200	<	10		
o-Toluidine	µg/L	5	<	10			<	10	<	10	<	25		6100	<	100	<	10	<	100	<	100	<	5		
p-Dimethylaminoazobenzene	µg/L	NA	<	10			<	10	<	10	<	25		489	<	100	<	10	<	100	<	100	<	5		
p-Phenylenediamine	µg/L	5	<	10			<	10	<	10	<	25	<	0.1	<	100	<	10	<	100	<	100	<	5		
2,4,5-T	µg/L	35	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1		
2,4,5-TP (Silvex)	µg/L	0.26	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1		
2,4-D	µg/L	4.4	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1		
4,4´-DDD	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
4,4´-DDE	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
4,4´-DDT	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Aldrin	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
Aroclor 1016	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Aroclor 1221	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Aroclor 1232	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Aroclor 1242	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Aroclor 1248	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Aroclor 1254	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Aroclor 1260	µg/L	0.1	<	1			<	10	<	2	<	1	<	1	<	1	<	1	<	10	<	10	<	10		
Dicamba	µg/L	NA	<	1			<	1	<	1	<	1	<	1	<	1										
Dieldrin	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Dinoseb	µg/L	1	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1		
Endosulfan I	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
Endosulfan II	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Endosulfan sulfate	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Endrin	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Endrin aldehyde	µg/L	5	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Endrin ketone	µg/L	NA	<	0.1			<	1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	1	<	1	<	1		
Heptachlor	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
Heptachlor epoxide	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
Methoxychlor	µg/L	35	<	0.5			<	5	<	1	<	0.5	<	0.5	<	0.5	<	0.5	<	5	<	5	<	5		
Toxaphene	µg/L	NA	<	5			<	50	<	10	<	5	<	5	<	5	<	5	<	50	<	50	<	50		
alpha-BHC	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
alpha-Chlordane	µg/L	0.1	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
beta-BHC	µg/L	NA	<	0.1			<	1	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
delta-BHC	µg/L	NA	<	0.1			<	1	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
gamma-BHC	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
gamma-Chlordane	µg/L	NA	<	0.05			<	0.5	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.5	<	0.5	<	0.5		
Aroclor 1262	µg/L																		<	10	<	10	<	10		
Aroclor 1268	µg/L																		<	10	<	10	<	10		

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Parameter	Units	GW Std.		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PCLRS-2		PCLRS-2			PCLRS-2
				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Conductivity	umhos/cm	NA				1666		10290		8310		14900	16410			27800			344400			18040
Dissolved Oxygen	mg/L	> 7																				
Eh	mV	NA				27		54		102	-	20	-142	-41.3	-122.3	216.5	-23.5		185.1			-98.1
pH	SU	6.5 - 8.5				6		6		6.4		6.7	6.63	6.55	6.73	6.98	6.97		6.99			6.77
Temperature	degC	NA													15.4	13.5	18.1		11.3			15.9
Turbidity	NTU	5				18		13		186	>	1000	54.2	130		106	55.5		20.8			25.8
Water Level	ft	NA																				
Bromide	mg/L	NA	<	0.1	<	1	<	0.1		2.13		15	30	u	32	1.5	1	U	1	U	U	1
Aluminum	µg/L	NA		51.8		570		965		1860		1840	307	421	162	174	242		76			119
Antimony	µg/L	3			<	51.4	<	29	<	30.1	<	30.4	246	315	U	U	28	U	62			56
Arsenic	µg/L	25	<	5		4.4	<	27.5	<	18		49.2	9	4	5	6	9		17			5
Barium	µg/L	1000		85.7		275		836		868		512	922	1300	1130	913	1980		2030			1560
Beryllium	µg/L	3	<	1	<	0.7	<	0.9	<	0.9	<	0.7	u	u	U	U	2	U	2	U	U	2
Cadmium	µg/L	10	<	2	<	2.9	<	2.1	<	3.1	<	2.4	u	u	U	U	5	U	5	U	U	5
Calcium	µg/L	NA		121000		199000		1160000		924000		374000	1240000	1640000	1530000	1040000	653000		563000			1020000
Chromium	µg/L	50		9.4		101		857		2110		911	269	1590	125	392	476		415			150
Cobalt	µg/L	NA				16.9		16.2	<	11		18.7	u	11	U	11	10	U	15			15
Copper	µg/L	200	<	4		51.2		148		213		8.7	67	62	103	45	80		42			75
Hardness, Total (mg/l CaCO3)	mg/l	NA		436		676		3770		3460		2100	4070	6030	4760	4281	3450		2960			3510
Iron	µg/L	300		70.8		7120		96100		14600		38300	4060	53700	8960	13200	17300		9290			5970
Lead	µg/L	25	<	3		3.9	<	1.3		15.9		15.6	7	4	5	U	7		4		U	1
Magnesium	µg/L	35000		40900		43600		213000		280000		285000	236000	469000	228000	409000	441000		378000			233000
Manganese	µg/L	300	<	1		4800		14800		12700		1490	4710	13300	3570	4360	2830		2000			2620
Mercury	µg/L	2	<	0.2	<	0.04	<	0.2		0.18	<	0.2	u	u	U	U	0.2	U	0.2	U		0.2
Nickel	µg/L	NA	<	27		35.7		87.5		97.4		109	78	182	56	129	125		140			50
Potassium	µg/L	NA		5520		35700		483000		777000		671000	1230000	1810000	1770000	2350000	2530000		2910000			1860000
Selenium	µg/L	10			<	1.9	<	14	<	13.5	<	17	u	u	U	U	2	U	2	U	U	2
Silver	µg/L	50			<	6.4	<	5.7	<	3.5	<	4.3	u	13	U	U	10	U	10	U	U	10
Sodium	µg/L	20000		18500		108000		740000		668000		954000	1140000	1910000	1390000	2400000	2540000		2370000			1390000
Thallium	µg/L	4			<	3.8	<	4	<	4.6	<	7.7	u	u	U	U	1	U	1	U	U	1
Tin	µg/L	NA				48.1		959		245		265.5	u	u		U	800	U	800	U	U	800
Vanadium	µg/L	NA			<	8	<	8.3		33.4		10.8	35	30	29	12	55		36			35
Zinc	µg/L	300	<	5		146		159		811		166	209	70	177	85	102		32			45
Boron	µg/L	1		238		4050		20600		24000		20550	12100	23100	9880	23100	24500		21900			10800
1,1,1,2-Tetrachloroethane	µg/L	5			<	MDL															U	130
1,1,1-Trichloroethane	µg/L	5																			U	130
1,1,2,2-Tetrachloroethane	µg/L	5						20		24		18									U	130
1,1,2-Trichloroethane	µg/L	5													< MDL	< MDL	< MDL			U	U	130
1,1-Dichloroethane	µg/L	5																			U	130
1,1-Dichloroethene	µg/L	5											5								U	130
1,1-Dichloropropene	µg/L	5																				
1,2,3-Trichloropropane	µg/L	5																			U	130
1,2-Dibromo-3-chloropropane	µg/L	5				47															U	130
1,2-Dibromoethane	µg/L	5				120															U	130
1,2-Dichlorobenzene	µg/L	4.7																			U	50
1,2-Dichloroethane	µg/L	5																			U	130
1,2-Dichloropropane	µg/L	5						7700													U	130
1,3-Dichlorobenzene	µg/L	5																				
1,3-Dichloropropane	µg/L	5																				
1,4-Dichlorobenzene	µg/L	4.7																			U	50
2,2-Dichloropropane	µg/L	5																				
2-Butanone	µg/L	50																				
2-Hexanone	µg/L	50																			U	250
4-Methyl-2-pentanone	µg/L	NA																				

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Parameter	Units	GW Std.		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PCLRS-2		PCLRS-2			PCLRS-2
				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Acetone	µg/L	50				250		9100		7000		7500										
Acetonitrile	µg/L	NA																			U	500
Acrolein	µg/L	5																				
Acrylonitrile	µg/L	5																				
Allyl chloride	µg/L	5																				
Benzene	µg/L	0.7											12								U	18
Bromochloromethane	µg/L	5				450		3300				2000		7600					2800		U	130
Bromodichloromethane	µg/L	50											210								U	130
Bromoform	µg/L	50																			U	130
Bromomethane	µg/L	NA															2.7j				U	130
Carbon disulfide	µg/L	NA												5600	1800		3700		2200		U	130
Carbon tetrachloride	µg/L	5				170															U	130
Chlorobenzene	µg/L	5																			U	130
Chloroethane	µg/L	5													770						U	130
Chloroform	µg/L	7															160				U	130
Chloromethane	µg/L	5			<	MDL					<	MDL	2500	9800	1400	1000	2200		1500		U	130
Chloroprene	µg/L	5																				
cis-1,2-Dichloroethene	µg/L	5				83		730		940		540	260								U	130
cis-1,3-Dichloropropene	µg/L	5											210	680	190		89		120		U	130
Dibromochloromethane	µg/L	50				13									2100	120	3900				U	130
Dibromomethane	µg/L	NA						0.32		0.059					42 J						U	130
Dichlorodifluoromethane	µg/L	5																				
Ethyl Methacrylate	µg/L	NA																				
Ethylbenzene	µg/L	5																			U	130
Iodomethane	µg/L	5								0.01											U	130
Isobutyl Alcohol	µg/L	NA																				
m,p-Xylene	µg/L	NA																			U	130
Methacrylonitrile	µg/L	5																				
Methyl Methacrylate	µg/L	50																				
Methylene chloride	µg/L	5								0.022					12 J						U	130
o-Xylene	µg/L	5																			U	130
Propionitrile	µg/L	NA																				
Styrene	µg/L	5								0.017											U	130
Tetrachloroethene	µg/L	5																			U	130
Toluene	µg/L	5											MDL	MDL	< MDL	< MDL	< MDL			U	U	130
trans-1,2-Dichloroethene	µg/L	5								7900		6000	32								U	130
trans-1,3-Dichloropropene	µg/L	5						69		120		57									U	130
trans-1,4-Dichloro-2-butene	µg/L	5																			U	130
Trichloroethene	µg/L	5																			U	130
Trichlorofluoromethane	µg/L	5																			U	130
Vinyl acetate	µg/L	NA																			U	250
Vinyl chloride	µg/L	2																			U	50
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		344		620		4200		5100		4200	4570	3830	2140	2580	3720		3960			2480
Biochemical Oxygen Demand	mg/L	NA	<	3		607		4850		8740		6340	1700	6200	770	2600	2800		2000			1700
Chemical Oxygen Demand	mg/L	NA		54		948		11300		14500		7780	2430	8440	2050	4880	3180		5470			2410
Chloride	mg/L	250		33		135		960		1080		2170	u	5930	6500	7600	7620		7450			5400
Color	UNITS	15			>	70	>	70	>	70	>	70	750	450	200	600	750		3000			750
Cyanide	µg/L	100			<	0.01	<	0.01	<	0.01	<	0.01	u	0.101	U	0.159	0.01	U	0.01	U	U	0.01
Hexavalent chromium	mg/L	0.05	<	0.01	<	0.02	<	0.02	<	0.02	<	0.02	u	u	U	0.008	0.01	U	0.014			0.003
Nitrogen, Ammonia (As N)	mg/L	2	<	0.05		32		317		313		170	208	350	174	483	616		535			176
Nitrogen, Kjeldahl, Total	mg/L	NA		4		40.3		362		295		360	242	456	181	551	775		482			272
Nitrogen, Nitrate (As N)	mg/L	10		2.94		0.084	<	0.02		0.315		0.02	u	u	U	1.54	0.137		0.05	U	U	0.05
Organic Carbon, Total	mg/L	NA		5.6		288		5769		3200		3200	0.4	2300	454	1290	800		1500			730
Phenolics, Total Recoverable	mg/L	0.001		0.00004		0.162		2.24		1.78		1.43	1.06	1.64	0.548	1.22	0.485		0.293			0.473
Residue, Dissolved (TDS)	mg/L	500		622		1230		9700		9950		11000	10100	9576	12900	16125	16100		15000			11500
Sulfate	mg/L	250		69		50.2		17		31		6.2	u	31	35	62	5	U	70			51
Sulfide	mg/L	NA																				

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				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
(3+4)-Methylphenol	µg/L	1																				
1,2,4,5-Tetrachlorobenzene	µg/L	5																				
1,2,4-Trichlorobenzene	µg/L	5																				
1,3-Dinitrobenzene	µg/L	NA																				
1,3,5-Trinitrobenzene	µg/L	5																				
1,4-Napthoquinone	µg/L	NA																				
1-Naphthylamine	µg/L	NA																				
2,3,4,6-Tetrachlorophenol	µg/L	1																				
2,4,5-Trichlorophenol	µg/L	1																				
2,4,6-Trichlorophenol	µg/L	1																				
2,4-Dichlorophenol	µg/L	1																				
2,4-Dimethylphenol	µg/L	1																				
2,4-Dinitrophenol	µg/L	1																				
2,4-Dinitrotoluene	µg/L	5																				
2,6-Dichlorophenol	µg/L	1																				
2,6-Dinitrotoluene	µg/L	5																				
2-Acetylaminofluorene	µg/L	NA																				
2-Chloronaphthalene	µg/L	10																				
2-Chlorophenol	µg/L	1																				
2-Methylnaphthalene	µg/L	NA																				
2-Methylphenol	µg/L	1																				
2-Naphthylamine	µg/L	NA																				
2-Nitroaniline	µg/L	5																				
2-Nitrophenol	µg/L	1																				
3,3´-Dichlorobenzidine	µg/L	5																				
3,3´-Dimethylbenzidine	µg/L	5																				
3-Methylcholanthrene	µg/L	NA																				
3-Nitroaniline	µg/L	5																				
4,6-Dinitro-2-methylphenol	µg/L	1																				
4-Aminobiphenyl	µg/L	5																				
4-Bromophenyl phenyl ether	µg/L	NA																				
4-Chloro-3-methylphenol	µg/L	1																				
4-Chloroaniline	µg/L	5																				
4-Chlorophenyl phenyl ether	µg/L	NA																				
4-Nitroaniline	µg/L	5																				
4-Nitrophenol	µg/L	1																				
5-Nitro-o-toluidine	µg/L	5																				
7,12-Dimethylbenz(a)anthracene	µg/L	NA																				
Acenaphthene	µg/L	20																				
Acenaphthylene	µg/L	NA																				
Acetophenone	µg/L	NA																				
Anthracene	µg/L	50																				
Benzo(a)pyrene	µg/L	NA																				
Benzo(b)fluoranthene	µg/L	0.002																				
Benzo(g,h,i)perylene	µg/L	NA																				
Benzo(k)fluoranthene	µg/L	0.002																				
Benzyl alcohol	µg/L	NA																				
Bis(2-chloroethoxy)methane	µg/L	5																				

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Parameter	Units	GW Std.		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PCLRS-2		PCLRS-2			PCLRS-2
				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Bis(2-chloroethyl)ether	µg/L	1																				
Bis(2-chloroisopropyl)ether	µg/L	5																				
Bis(2-ethylhexyl)phthalate	µg/L	50																				
Butyl benzyl phthalate	µg/L	50																				
Chlorobenzilate	µg/L	NA																				
Chrysene	µg/L	0.002																				
Di-n-butyl phthalate	µg/L	50																				
Di-n-octyl phthalate	µg/L	50																				
Diallate	µg/L	NA																				
Dibenz(a,h)anthracene	µg/L	NA																				
Dibenzofuran	µg/L	NA																				
Diethyl phthalate	µg/L	50																				
Dimethoate	µg/L	NA																				
Dimethyl phthalate	µg/L	50																				
Diphenylamine	µg/L	5																				
Disulfoton	µg/L	NA																				
Ethyl methanesulfonate	µg/L	NA																				
Famphur	µg/L	NA																				
Fluoranthene	µg/L	50																				
Fluorene	µg/L	50																				
Hexachlorobenzene	µg/L	0.35																				
Hexachlorobutadiene	µg/L	5																				
Hexachlorocyclopentadiene	µg/L	5																				
Hexachloroethane	µg/L	5																				
Hexachloropropene	µg/L	5																				
Indeno(1,2,3-cd)pyrene	µg/L	0.002																				
Isodrin	µg/L	5																				
Isophorone	µg/L	50																				
Isosafrole	µg/L	NA																				
Kepone	µg/L	NA																				
Methapyrilene	µg/L	NA																				
Methyl methanesulfonate	µg/L	NA																				
Methyl parathion	µg/L	1.5																				
N-Nitroso-di-n-butylamine	µg/L	NA																				
N-Nitrosodi-n-propylamine	µg/L	NA																				
N-Nitrosodiethylamine	µg/L	NA																				
N-Nitrosodimethylamine	µg/L	NA																				
N-Nitrosodiphenylamine	µg/L	50																				
N-Nitrosomethylethylamine	µg/L	NA																				
N-Nitrosopiperidine	µg/L	NA																				
N-Nitrosopyrrolidine	µg/L	NA																				
Naphthalene	µg/L	10																				
Nitrobenzene	µg/L	5																				
O,O,O-Triethylphosphorothioate	µg/L	NA																				
Pentachlorobenzene	µg/L	5																				
Pentachloronitrobenzene	µg/L	NA																				
Pentachlorophenol	µg/L	1																				

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Parameter	Units	GW Std.		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PLCRS-2	PCLRS-2		PCLRS-2			PCLRS-2
				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Phenacetin	µg/L	NA																				
Phenanthrene	µg/L	50																				
Phenol	µg/L	1																				
Phorate	µg/L	NA																				
Pronamide	µg/L	NA																				
Pyrene	µg/L	50																				
Safrole	µg/L	NA																				
Thionazin	µg/L	NA																				
o-Toluidine	µg/L	5																				
p-Dimethylaminoazobenzene	µg/L	NA																				
p-Phenylenediamine	µg/L	5																				
2,4,5-T	µg/L	35																				
2,4,5-TP (Silvex)	µg/L	0.26																				
2,4-D	µg/L	4.4																				
4,4´-DDD	µg/L	NA																				
4,4´-DDE	µg/L	NA																				
4,4´-DDT	µg/L	NA																				
Aldrin	µg/L	NA																				
Aroclor 1016	µg/L	0.1																				
Aroclor 1221	µg/L	0.1																				
Aroclor 1232	µg/L	0.1																				
Aroclor 1242	µg/L	0.1																				
Aroclor 1248	µg/L	0.1																				
Aroclor 1254	µg/L	0.1																				
Aroclor 1260	µg/L	0.1																				
Dicamba	µg/L	NA																				
Dieldrin	µg/L	NA																				
Dinoseb	µg/L	1																				
Endosulfan I	µg/L	NA																				
Endosulfan II	µg/L	NA																				
Endosulfan sulfate	µg/L	NA																				
Endrin	µg/L	NA																				
Endrin aldehyde	µg/L	5																				
Endrin ketone	µg/L	NA																				
Heptachlor	µg/L	NA																				
Heptachlor epoxide	µg/L	NA																				
Methoxychlor	µg/L	35																				
Toxaphene	µg/L	NA																				
alpha-BHC	µg/L	NA																				
alpha-Chlordane	µg/L	0.1																				
beta-BHC	µg/L	NA																				
delta-BHC	µg/L	NA																				
gamma-BHC	µg/L	NA																				
gamma-Chlordane	µg/L	NA																				
Aroclor 1262	µg/L																					
Aroclor 1268	µg/L																					

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Parameter	Units	GW Std.		PCLRS-2		PCLRS-2		PCLRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2
			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		Feb-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Conductivity	umhos/cm	NA		15894		15894		1917		2090		1527		17720		25440		28500		10310		10,436		9760		21500
Dissolved Oxygen	mg/L	> 7														0.93		0.93		1.3		1.6		1.8		1.9
Eh	mV	NA		102.3		102.3		238.1		14		19		70		18		28		30		30		-80		45
pH	SU	6.5 - 8.5		6.79		6.79		6.77		7.42		6.76		7.33		7.17		6.88		7.02		6.9		7.58		7.41
Temperature	degC	NA		10.4		10.4		14.1		18.6		10		12		12		10		18		16		18		7.9
Turbidity	NTU	5		50		50		6		31		70		42		8		170		86		150		187		85.7
Water Level	ft	NA																								
Bromide	mg/L	NA		38.6		38.6		71.7		2.3		0.6		15		15		15	<	20.00000		160		75		46
Aluminum	µg/L	NA		100		100		163	<	100		152		315		251		151		307		1600		2810		553
Antimony	µg/L	3	U	50	U	50		58	<	15		18.9		19		15		20.6		45.2		61.1	<	15	<	15
Arsenic	µg/L	25		9		9		19	<	10	<	10	<	10	<	10		15		1.94		24	<	10		41.4
Barium	µg/L	1000		1660		1660		1970		3260		3050		2660		5300		4620		2200		3300		4720		1780
Beryllium	µg/L	3	U	2	U	2	U	2	<	3	<	3	<	3	<	3	<	3	<	0.00500	<	3	<	3	<	3
Cadmium	µg/L	10	U	5	U	5	U	5	<	5	<	5	<	5	<	5	<	5		1.44	<	5		19.2		6.18
Calcium	µg/L	NA		581000		581000		550000		532000		430000		408000		50800		292000		369000		511000		364000		369000
Chromium	µg/L	50		43		43		297		145		69.8		141		136		201		91.4		114		237		31.6
Cobalt	µg/L	NA	U	10	U	10		20	<	20	<	20	<	20	<	20	<	20		5.8		6.6	<	20	<	20
Copper	µg/L	200		42		42		151		23.7	<	10	<	10		118	<	10		25.7		101		92.7		28.8
Hardness, Total (mg/l CaCO3)	mg/l	NA		2360		2360		2590		2580						2800		2000		2200		2840		1830		1890
Iron	µg/L	300		48400		48400		19500		12100		75500		14200		13100		9260		11300		31600		131000		41400
Lead	µg/L	25		1		1		4	<	3	<	3	<	3	<	3	<	3		11		2.9		11.3	<	3
Magnesium	µg/L	35000		222000		222000		295000		303000		309000		308000		373000		318000		304000		380000		223000		236000
Manganese	µg/L	300		844		844		1280		1130		2450		1250		1350		751		1200		1440		1280		786
Mercury	µg/L	2	U	0.2	U	0.2	U	0.2	<	0.2		0.23		0.49		0.4	<	0.2		0.2		0.12		0.208	<	0.2
Nickel	µg/L	NA		25		25		93		47.2		41.4		59.1		49		64.6		60.7		84.6		43.3		38.4
Potassium	µg/L	NA		1600000		1600000		2210000		1690000		1550000		1450000		2120000		2410000		1830000		3270000		1440000		1200000
Selenium	µg/L	10	U	2	U	2	U	2	<	5	<	5	<	5	<	5	<	5	<	0.50000	<	5	<	5		11.5
Silver	µg/L	50	U	10	U	10	U	10	<	10	<	10	<	10	<	10	<	10		2.04	<	10	<	10	<	10
Sodium	µg/L	20000		1100000		1100000		2500000		1980000		2020000		1700000		3980000		3050000		2130000		2780000		1530000		1560000
Thallium	µg/L	4	U	1	U	1	U	1	<	10	<	10	<	10	<	10	<	10	<	0.30000	<	10	<	10	<	10
Tin	µg/L	NA	U	800	U	800	U	800	<	0.03									<	0.30000	<	300	<	300	<	300
Vanadium	µg/L	NA		14		14		25	<	30	<	30	<	30	<	30	<	30		27.4		32.5		85.6	<	30
Zinc	µg/L	300		24		24		133		62.9	<	10		95.1		120		11		110		61.6		120		42.9
Boron	µg/L	1		7760		7760		20900		18500		17000		19000		20000		27000		16600		22900		12700		10100
1,1,1,2-Tetrachloroethane	µg/L	5	U	130	U	130	U	130	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
1,1,1-Trichloroethane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
1,1,2,2-Tetrachloroethane	µg/L	5	U	130	U	130	U	130	<	10000	<	50000	<	100000	<	100000	<	100000	<	250.00000	<	250	<	5	<	5
1,1,2-Trichloroethane	µg/L	5	U	130	U	130	U	130		850	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
1,1-Dichloroethane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
1,1-Dichloroethene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
1,1-Dichloropropene	µg/L	5																	<	250.00000	<	250	<	5	<	5
1,2,3-Trichloropropane	µg/L	5	U	130	U	130	U	130	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
1,2-Dibromo-3-chloropropane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	500.00000	<	500	<	10	<	10
1,2-Dibromoethane	µg/L	5	U	130	U	130	U	130	<	50	<	250		160		160	<	250.00000	<	250	<	5	<	5	<	5
1,2-Dichlorobenzene	µg/L	4.7	U	50	U	50	U	50	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
1,2-Dichloroethane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
1,2-Dichloropropane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
1,3-Dichlorobenzene	µg/L	5																	<	250.00000	<	250	<	5	<	5
1,3-Dichloropropane	µg/L	5																	<	250.00000	<	250	<	5	<	5
1,4-Dichlorobenzene	µg/L	4.7	U	50	U	50	U	50	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
2,2-Dichloropropane	µg/L	5																	<	250.00000	<	250	<	5	<	5
2-Butanone	µg/L	50																	<	500.00000	<	500	<	10	<	10
2-Hexanone	µg/L	50	U	250	U	250	U	250	<	50	<	250	<	500	<	500	<	500	<	500.00000	<	500	<	10	<	10
4-Methyl-2-pentanone	µg/L	NA																	<	500.00000	<	500	<	10	<	10

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Parameter	Units	GW Std.		PCLRS-2		PCLRS-2		PCLRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2
			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		Feb-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Acetone	µg/L	50		860		860	U	630		440	<	500	<	1000	<	1000	<	1000	<	500.00000	<	500	<	10		11
Acetonitrile	µg/L	NA	U	500	U	500	U	500	<	1000	<	5000	<	10000	<	10000	<	10000	<	5000.00000	<	5000	<	100	<	100
Acrolein	µg/L	5																	<	5000.00000	<	5000	<	100	<	100
Acrylonitrile	µg/L	5																	<	5000.00000	<	5000	<	100	<	100
Allyl chloride	µg/L	5																	<	250.00000	<	250	<	5	<	5
Benzene	µg/L	0.7	U	18	U	18	U	18	<	1000	<	5000	<	10000	<	10000	<	10000	<	250.00000	<	250	<	5	<	5
Bromochloromethane	µg/L	5	U	130	U	130	U	130	<	1000	<	5000	<	10000	<	10000	<	10000	<	250.00000	<	250	<	5	<	5
Bromodichloromethane	µg/L	50	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Bromoform	µg/L	50	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Bromomethane	µg/L	NA	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Carbon disulfide	µg/L	NA	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Carbon tetrachloride	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Chlorobenzene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Chloroethane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Chloroform	µg/L	7	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Chloromethane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Chloroprene	µg/L	5																	<	500.00000	<	500	<	10	<	10
cis-1,2-Dichloroethene	µg/L	5	U	130	U	130	U	130	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
cis-1,3-Dichloropropene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Dibromochloromethane	µg/L	50	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Dibromomethane	µg/L	NA	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Dichlorodifluoromethane	µg/L	5																	<	250.00000	<	250	<	5	<	5
Ethyl Methacrylate	µg/L	NA																	<	500.00000	<	500	<	10	<	10
Ethylbenzene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Iodomethane	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Isobutyl Alcohol	µg/L	NA																	<	50000.00000	<	50000	<	1000	<	1000
m,p-Xylene	µg/L	NA	U	130	U	130	U	130	<	1000	<	5000	<	10000	<	10000	<	10000	<	250.00000	<	250	<	5	<	5
Methacrylonitrile	µg/L	5																	<	500.00000	<	500	<	10	<	10
Methyl Methacrylate	µg/L	50																	<	500.00000	<	500	<	10	<	10
Methylene chloride	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500		100		200	<	5	<	5
o-Xylene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Propionitrile	µg/L	NA																	<	5000.00000	<	5000	<	100	<	100
Styrene	µg/L	5	U	130	U	130	U	130	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
Tetrachloroethene	µg/L	5	U	130	U	130	U	130	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
Toluene	µg/L	5		180		180	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
trans-1,2-Dichloroethene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
trans-1,3-Dichloropropene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
trans-1,4-Dichloro-2-butene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	500.00000	<	500	<	10	<	10
Trichloroethene	µg/L	5	U	130	U	130	U	130	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Trichlorofluoromethane	µg/L	5	U	130	U	130	U	130	<	100	<	500	<	1000	<	1000	<	1000	<	250.00000	<	250	<	5	<	5
Vinyl acetate	µg/L	NA	U	250	U	250	U	250	<	50	<	250	<	500	<	500	<	500	<	2500.00000	<	2500	<	50	<	50
Vinyl chloride	µg/L	2	U	50	U	50	U	50	<	50	<	250	<	500	<	500	<	500	<	250.00000	<	250	<	5	<	5
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		1410		1410		2770		2600		1900		2800		2800		3200		2800		2300		2600		1800
Biochemical Oxygen Demand	mg/L	NA		380		380		240		500		26		720		47		43		110		96		101		23
Chemical Oxygen Demand	mg/L	NA		130		130		1470		1200		760		1100		640		1500		698		239		67		472
Chloride	mg/L	250	U	1	U	1		7690		13000		6200		7000		7400		9300		8830		10200		14800		4440
Color	UNITS	15						750		900		1100		1200		250		800		290		200		18000		500
Cyanide	µg/L	100	U	0.01	U	0.01	U	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	10.00000	<	10	<	10	<	10
Hexavalent chromium	mg/L	0.05	U	0.01	U	0.01	U	0.01	<	0.00001	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01000	<	0.02	<	0.2	<	0.02
Nitrogen, Ammonia (As N)	mg/L	2		200		200		413		490		470		590		450		860		695		778		9.38		305
Nitrogen, Kjeldahl, Total	mg/L	NA		222		222		747		500		470		580		630		820		670		425		24.5		381
Nitrogen, Nitrate (As N)	mg/L	10	U	0.05	U	0.05	U	0.1	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.20000	<	0.2	<	0.2		5.5
Organic Carbon, Total	mg/L	NA		310		310		380		470		160		310		230		290		280		730		360		285
Phenolics, Total Recoverable	mg/L	0.001		0.256		0.256		0.123		0.4		0.039		0.22		0.026		0.047				0.02		0.021		0.013
Residue, Dissolved (TDS)	mg/L	500		9100		9100		14200		14000		12000		14000		15000		16000		13900		16400		12700		8240
Sulfate	mg/L	250		170		170		605		84		96	<	5	<	5	<	5		41.6		48.7		59.6		111
Sulfide	mg/L	NA																				0.919	<	0.1	<	0.1

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			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		Feb-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
(3+4)-Methylphenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
1,2,4,5-Tetrachlorobenzene	µg/L	5																	<	100.00000	<	10	<	10	<	100
1,2,4-Trichlorobenzene	µg/L	5																	<	100.00000	<	10	<	10	<	100
1,3-Dinitrobenzene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
1,3,5-Trinitrobenzene	µg/L	5																	<	100.00000	<	10	<	10	<	100
1,4-Napthoquinone	µg/L	NA																	<	100.00000	<	10	<	10	<	100
1-Naphthylamine	µg/L	NA																	<	100.00000	<	10	<	10	<	100
2,3,4,6-Tetrachlorophenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
2,4,5-Trichlorophenol	µg/L	1																	<	250.00000	<	25	<	25	<	250
2,4,6-Trichlorophenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
2,4-Dichlorophenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
2,4-Dimethylphenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
2,4-Dinitrophenol	µg/L	1																	<	250.00000	<	25	<	25	<	250
2,4-Dinitrotoluene	µg/L	5																	<	100.00000	<	10	<	10	<	100
2,6-Dichlorophenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
2,6-Dinitrotoluene	µg/L	5																	<	100.00000	<	10	<	10	<	100
2-Acetylaminofluorene	µg/L	NA																	<	200.00000	<	20	<	20	<	200
2-Chloronaphthalene	µg/L	10																	<	100.00000	<	10	<	10	<	100
2-Chlorophenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
2-Methylnaphthalene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
2-Methylphenol	µg/L	1																	<	100.00000		2	<	10	<	100
2-Naphthylamine	µg/L	NA																	<	100.00000	<	10	<	10	<	100
2-Nitroaniline	µg/L	5																	<	250.00000	<	25	<	25	<	250
2-Nitrophenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
3,3´-Dichlorobenzidine	µg/L	5																	<	100.00000	<	10	<	10	<	100
3,3´-Dimethylbenzidine	µg/L	5																	<	100.00000	<	10	<	10	<	100
3-Methylcholanthrene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
3-Nitroaniline	µg/L	5																	<	250.00000	<	25	<	25	<	250
4,6-Dinitro-2-methylphenol	µg/L	1																	<	250.00000	<	25	<	25	<	250
4-Aminobiphenyl	µg/L	5																	<	200.00000	<	20	<	20	<	200
4-Bromophenyl phenyl ether	µg/L	NA																	<	100.00000	<	10	<	10	<	100
4-Chloro-3-methylphenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
4-Chloroaniline	µg/L	5																	<	100.00000	<	10	<	10	<	100
4-Chlorophenyl phenyl ether	µg/L	NA																	<	100.00000	<	10	<	10	<	100
4-Nitroaniline	µg/L	5																	<	250.00000	<	25	<	25	<	250
4-Nitrophenol	µg/L	1																	<	250.00000	<	25	<	25	<	250
5-Nitro-o-toluidine	µg/L	5																	<	100.00000	<	10	<	10	<	100
7,12-Dimethylbenz(a)anthracene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Acenaphthene	µg/L	20																	<	100.00000	<	10	<	10	<	100
Acenaphthylene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Acetophenone	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Anthracene	µg/L	50																	<	100.00000	<	10	<	10	<	100
Benzo(a)pyrene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Benzo(b)fluoranthene	µg/L	0.002																	<	100.00000	<	10	<	10	<	100
Benzo(g,h,i)perylene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Benzo(k)fluoranthene	µg/L	0.002																	<	100.00000	<	10	<	10	<	100
Benzyl alcohol	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Bis(2-chloroethoxy)methane	µg/L	5																	<	100.00000	<	10	<	10	<	100

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			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		Feb-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Bis(2-chloroethyl)ether	µg/L	1																	<	100.00000	<	10	<	10	<	100
Bis(2-chloroisopropyl)ether	µg/L	5																	<	100.00000	<	10	<	10	<	100
Bis(2-ethylhexyl)phthalate	µg/L	50																	<	100.00000		4		11	<	100
Butyl benzyl phthalate	µg/L	50																	<	100.00000	<	10	<	10	<	100
Chlorobenzilate	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Chrysene	µg/L	0.002																	<	100.00000	<	10	<	10	<	100
Di-n-butyl phthalate	µg/L	50																	<	100.00000	<	10	<	10	<	100
Di-n-octyl phthalate	µg/L	50																	<	100.00000	<	10	<	10	<	100
Diallate	µg/L	NA																	<	200.00000	<	20	<	20	<	200
Dibenz(a,h)anthracene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Dibenzofuran	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Diethyl phthalate	µg/L	50																	<	100.00000		4	<	10	<	100
Dimethoate	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Dimethyl phthalate	µg/L	50																	<	100.00000	<	10	<	10	<	100
Diphenylamine	µg/L	5																	<	100.00000	<	10	<	10	<	100
Disulfoton	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Ethyl methanesulfonate	µg/L	NA																	<	200.00000	<	20	<	20	<	200
Famphur	µg/L	NA																	<	200.00000	<	20	<	20	<	200
Fluoranthene	µg/L	50																	<	100.00000	<	10	<	10	<	100
Fluorene	µg/L	50																	<	100.00000	<	10	<	10	<	100
Hexachlorobenzene	µg/L	0.35																	<	100.00000	<	10	<	10	<	100
Hexachlorobutadiene	µg/L	5																	<	100.00000	<	10	<	10	<	100
Hexachlorocyclopentadiene	µg/L	5																	<	100.00000	<	10	<	10	<	100
Hexachloroethane	µg/L	5																	<	100.00000	<	10	<	10	<	100
Hexachloropropene	µg/L	5																	<	100.00000	<	10	<	10	<	100
Indeno(1,2,3-cd)pyrene	µg/L	0.002																	<	100.00000	<	10	<	10	<	100
Isodrin	µg/L	5																	<	200.00000	<	20	<	20	<	200
Isophorone	µg/L	50																	<	100.00000	<	10	<	10	<	100
Isosafrole	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Kepone	µg/L	NA																	<	250.00000	<	25	<	25	<	250
Methapyrilene	µg/L	NA																	<	1000.00000	<	100	<	100	<	1000
Methyl methanesulfonate	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Methyl parathion	µg/L	1.5																	<	100.00000	<	10	<	10	<	100
N-Nitroso-di-n-butylamine	µg/L	NA																	<	100.00000	<	10	<	10	<	100
N-Nitrosodi-n-propylamine	µg/L	NA																	<	100.00000	<	10	<	10	<	100
N-Nitrosodiethylamine	µg/L	NA																	<	200.00000	<	20	<	20	<	200
N-Nitrosodimethylamine	µg/L	NA																	<	100.00000	<	10	<	10	<	100
N-Nitrosodiphenylamine	µg/L	50																	<	100.00000	<	10	<	10	<	100
N-Nitrosomethylethylamine	µg/L	NA																	<	100.00000	<	10	<	10	<	100
N-Nitrosopiperidine	µg/L	NA																	<	200.00000	<	20	<	20	<	200
N-Nitrosopyrrolidine	µg/L	NA																	<	400.00000	<	40	<	40	<	400
Naphthalene	µg/L	10																	<	100.00000		1	<	10	<	100
Nitrobenzene	µg/L	5																	<	100.00000	<	10	<	10	<	100
O,O,O-Triethylphosphorothioate	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Pentachlorobenzene	µg/L	5																	<	100.00000	<	10	<	10	<	100
Pentachloronitrobenzene	µg/L	NA																	<	200.00000	<	20	<	20	<	200
Pentachlorophenol	µg/L	1																	<	250.00000	<	25	<	25	<	250

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			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		Feb-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Phenacetin	µg/L	NA																	<	200.00000	<	20	<	20	<	200
Phenanthrene	µg/L	50																	<	100.00000	<	10	<	10	<	100
Phenol	µg/L	1																	<	100.00000	<	10	<	10	<	100
Phorate	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Pronamide	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Pyrene	µg/L	50																	<	100.00000	<	10	<	10	<	100
Safrole	µg/L	NA																	<	100.00000	<	10	<	10	<	100
Thionazin	µg/L	NA																	<	200.00000	<	20	<	20	<	200
o-Toluidine	µg/L	5																	<	100.00000	<	10	<	10	<	100
p-Dimethylaminoazobenzene	µg/L	NA																	<	100.00000	<	10	<	10	<	100
p-Phenylenediamine	µg/L	5																	<	100.00000	<	10	<	10	<	100
2,4,5-T	µg/L	35																	<	10.00000	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26																	<	10.00000	<	1	<	1	<	1
2,4-D	µg/L	4.4																	<	10.00000	<	1	<	1	<	1
4,4´-DDD	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
4,4´-DDE	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
4,4´-DDT	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Aldrin	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Aroclor 1016	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1221	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1232	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1242	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1248	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1254	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1260	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Dicamba	µg/L	NA																	<	10.00000	<	1	<	1	<	1
Dieldrin	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Dinoseb	µg/L	1																	<	10.00000	<	1	<	1	<	1
Endosulfan I	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Endosulfan II	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Endosulfan sulfate	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Endrin	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Endrin aldehyde	µg/L	5																	<	10.00000	<	100	<	0.1	<	0.1
Endrin ketone	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
Heptachlor	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Heptachlor epoxide	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Methoxychlor	µg/L	35																	<	50.00000	<	500	<	0.5	<	0.5
Toxaphene	µg/L	NA																	<	500.00000	<	5000	<	5	<	5
alpha-BHC	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
alpha-Chlordane	µg/L	0.1																	<	5.00000	<	50	<	0.05	<	0.05
beta-BHC	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
delta-BHC	µg/L	NA																	<	10.00000	<	100	<	0.1	<	0.1
gamma-BHC	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
gamma-Chlordane	µg/L	NA																	<	5.00000	<	50	<	0.05	<	0.05
Aroclor 1262	µg/L																									
Aroclor 1268	µg/L																									

ENVIRONMENTAL MONITORING
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Parameter	Units	GW Std.		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2
				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Conductivity	umhos/cm	NA		13560		9450		3690		635		834		735		536		1112		386		601		5877
Dissolved Oxygen	mg/L	> 7		2.32		2.98		2.12																
Eh	mV	NA		-80		25		-33		-50		16		221		171		299		146		-70		123
pH	SU	6.5 - 8.5		7.45		7.15		6.51		7.54		6.74		6.64		7.47		7.38		7.87		7.41		7.72
Temperature	degC	NA		17.3		15.2		11		13.2		13.5		16.7		15.2		20.3		10.4		5.5		19.5
Turbidity	NTU	5		75.7		31.2		46.5		269		49.6		36.6		16.6		80.9		33.2		291		6.93
Water Level	ft	NA																						
Bromide	mg/L	NA		37		26	<	200	<	200	<	200		39	<	20	<	40		33	<	40	<	80
Aluminum	µg/L	NA		338	<	100		117		155	<	100	<	100	<	100	<	100	<	100		215	<	100
Antimony	µg/L	3	<	15	<	15	<	15	<	15	<	30	<	30	<	30	<	50	<	50	<	50	<	25
Arsenic	µg/L	25		17.2	<	10	<	10		23.5		11.6	<	10	<	10	<	50		140		110		81
Barium	µg/L	1000		1240		980		777		1940		1220		884		615		755		995		1960		1370
Beryllium	µg/L	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	µg/L	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5		5.35	<	5
Calcium	µg/L	NA		293000		319000		149000		226000		217000		256000		221000		315000		294000		349000		304000
Chromium	µg/L	50		20.9		38.2		67.1		182		111		32		16.8		90.3		11		16.8		19.6
Cobalt	µg/L	NA	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	µg/L	200		30.4		19.6	<	10	<	10	<	10	<	10		78	<	10	<	10	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA		1550		1380000		772000		1400000		1130000		1380000		1340000		1480000		1480000		1620000		1550000
Iron	µg/L	300		16300		11000		6880		24500		20300		219		3080		8440		1710		61600		6480
Lead	µg/L	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	30	<	30		140	<	15
Magnesium	µg/L	35000		199000		141000		97100		202000		143000		179000		191000		168000		180000		182000		193000
Manganese	µg/L	300		635		1070		626		795		992		624		419		1390		859		857		672
Mercury	µg/L	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	µg/L	NA		35.9	<	30	<	30		62.9		52.7	<	30		48.6		47.6		38.1		35.7		41.5
Potassium	µg/L	NA		1030000		769000		579000		1420000		842000		35700		1340000		1220000		1400000		1150000		1220000
Selenium	µg/L	10	<	5	<	5		8.04	<	5	<	5	<	5	<	5		162		530		290		309
Silver	µg/L	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Sodium	µg/L	20000		1110000		799000		761000		2130000		1170000		38000		1250000		1710000		1690000		1630000		1700000
Thallium	µg/L	4	<	10		12	<	10	<	10	<	10	<	10	<	10	<	30	<	30	<	30	<	15
Tin	µg/L	NA	<	300	<	30	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300
Vanadium	µg/L	NA	<	30		28.1	<	30	<	30	<	30	<	30	<	30	<	30	<	30		38.7	<	30
Zinc	µg/L	300		50.4		6400		10.7	<	10	<	10	<	10		40	<	10	<	10		41.7		23.9
Boron	µg/L	1		8850	<	50		8020		23600		10600		11500		8380		12800		10600		10800		12300
1,1,1,2-Tetrachloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,1,1-Trichloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,1,2,2-Tetrachloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,1,2-Trichloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,1-Dichloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,1-Dichloroethene	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,1-Dichloropropene	µg/L	5	<	5	<	100	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,2,3-Trichloropropane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,2-Dibromo-3-chloropropane	µg/L	5	<	10	<	50	<	100	<	250	<	250	<	25	<	250	<	200	<	200	<	200	<	100
1,2-Dibromoethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,2-Dichlorobenzene	µg/L	4.7	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,2-Dichloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,2-Dichloropropane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
1,3-Dichlorobenzene	µg/L	5	<	5	<	100	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,3-Dichloropropane	µg/L	5	<	5	<	100	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
1,4-Dichlorobenzene	µg/L	4.7	<	5	<	100	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
2,2-Dichloropropane	µg/L	5	<	5	<	100	<	50	<	120	<	120	<	20	<	120	<	100	<	100	<	100	<	50
2-Butanone	µg/L	50	<	10	<	1000	<	100	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100
2-Hexanone	µg/L	50	<	10	<	50	<	100	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100
4-Methyl-2-pentanone	µg/L	NA	<	10	<	50	<	100	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100

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Parameter	Units	GW Std.		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2		PLCRS-2
				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Acetone	µg/L	50	<	10	<	50	<	100	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100
Acetonitrile	µg/L	NA	<	100	<	50	<	1000	<	2500	<	2500	<	10	<	2500	<	2000	<	2000	<	2000	<	1000
Acrolein	µg/L	5	<	100	<	50	<	1000	<	2500	<	2500	<	25	<	2500	<	2000	<	2000	<	2000	<	1000
Acrylonitrile	µg/L	5	<	100	<	50	<	1000	<	2500	<	2500	<	10	<	2500	<	2000	<	2000	<	2000	<	1000
Allyl chloride	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Benzene	µg/L	0.7	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Bromochloromethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Bromodichloromethane	µg/L	50	<	5	<	50	<	50	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Bromoform	µg/L	50	<	5	<	50	<	50	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Bromomethane	µg/L	NA	<	5	<	50	<	50	<	120	<	120	<	20	<	120	<	100	<	100	<	100	<	50
Carbon disulfide	µg/L	NA	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Carbon tetrachloride	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Chlorobenzene	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Chloroethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Chloroform	µg/L	7	<	5	<	50	<	50	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Chloromethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	25	<	120	<	100	<	100	<	100	<	50
Chloroprene	µg/L	5	<	10	<	50	<	100	<	250	<	250	<	10	<	250	<	200	<	200	<	200	<	100
cis-1,2-Dichloroethene	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
cis-1,3-Dichloropropene	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	20	<	120	<	100	<	100	<	100	<	50
Dibromochloromethane	µg/L	50	<	5	<	500	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Dibromomethane	µg/L	NA	<	5	<	50	<	50	<	120	<	250	<	10	<	120	<	100	<	100	<	100	<	50
Dichlorodifluoromethane	µg/L	5	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Ethyl Methacrylate	µg/L	NA	<	10	<	50	<	100	<	250	<	120	<	10	<	250	<	200	<	200	<	200	<	100
Ethylbenzene	µg/L	5	<	5	<	50	<	50	<	120	<	25000	<	10	<	120	<	100	<	100	<	100	<	50
Iodomethane	µg/L	5	<	5	<	50	<	50	<	120	<	250	<	10	<	120	<	100	<	100	<	100	<	50
Isobutyl Alcohol	µg/L	NA	<	1000	<	50	<	10000	<	25000	<	250	<	10	<	25000	<	20000	<	20000	<	20000	<	10000
m,p-Xylene	µg/L	NA	<	5	<	50	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Methacrylonitrile	µg/L	5	<	10	<	100	<	100	<	250	<	2500	<	10	<	250	<	200	<	200	<	200	<	100
Methyl Methacrylate	µg/L	50	<	10		1600	<	100	<	250	<	120	<	10	<	250	<	200	<	200	<	200	<	100
Methylene chloride	µg/L	5	<	5		21	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
o-Xylene	µg/L	5	<	5		239	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Propionitrile	µg/L	NA	<	100		2240	<	1000	<	2500	<	120	<	10	<	2500	<	2000	<	2000	<	2000	<	1000
Styrene	µg/L	5	<	5		120	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Tetrachloroethene	µg/L	5	<	5	<	10	<	50	<	120	<	1200	<	10	<	120	<	100	<	100	<	100	<	50
Toluene	µg/L	5	<	5	<	0.01	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
trans-1,2-Dichloroethene	µg/L	5	<	5		254	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
trans-1,3-Dichloropropene	µg/L	5	<	5		250	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
trans-1,4-Dichloro-2-butene	µg/L	5	<	10	<	0.2	<	100	<	250	<	120	<	10	<	250	<	200	<	200	<	200	<	100
Trichloroethene	µg/L	5	<	5		98	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Trichlorofluoromethane	µg/L	5	<	5		0.005	<	50	<	120	<	120	<	10	<	120	<	100	<	100	<	100	<	50
Vinyl acetate	µg/L	NA	<	50		5660	<	500	<	1200	<	120	<	10	<	1200	<	1000	<	1000	<	1000	<	500
Vinyl chloride	µg/L	2	<	5		268	<	50	<	120	<	250	<	10	<	120	<	100	<	100	<	100	<	50
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		1800				180		2700		2000	<	10		730		1700		1100		2100		2200
Biochemical Oxygen Demand	mg/L	NA		23				24		47		23	<	10		31		14		18		22		67
Chemical Oxygen Demand	mg/L	NA		168				285		668		361	<	20		247		339		350		350		540
Chloride	mg/L	250		3890				2860		5850		2910	<	20		4400		2800		3650		3420		2710
Color	UNITS	15		750				290		600		625	<	10		300		140		750		550		
Cyanide	µg/L	100	<	10			<	10	<	0.01	<	0.01	<	10	<	10	<	10	<	10	<	10	<	10
Hexavalent chromium	mg/L	0.05	<	0.01			<	0.01	<	0.01	<	0.01	<	10	<	0.01	<	0.01	<	0.02	<	0.05	<	0.04
Nitrogen, Ammonia (As N)	mg/L	2		292				188		624		421	<	10		265		407		430		259		335
Nitrogen, Kjeldahl, Total	mg/L	NA		428				297		648		472	<	10		257		265		426		372		508
Nitrogen, Nitrate (As N)	mg/L	10		0.34				0.279		20.5	<	0.2	<	10		19.7		0.16		0.146		0.19		0.52
Organic Carbon, Total	mg/L	NA		88				253		562		115	<	10		38.5	<	150		122		130		138
Phenolics, Total Recoverable	mg/L	0.001		0.027				0.053		0.237	<	0.05	<	10		0.01	<	0.125		0.066	<	0.25	<	0.05
Residue, Dissolved (TDS)	mg/L	500		9200				6080		12500		6060	<	20		8300		6900		8200		7600		9200
Sulfate	mg/L	250		176				103		122		266	<	10		411		486		175		29.6		50.5
Sulfide	mg/L	NA	<	0.1			<	0.1	<	0.1	<	0.1	<	10	<	0.1	<	0.1		1.05		0.158	<	0.1

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
(3+4)-Methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	25	<	100	<	100	<	10	<	100	<	5
1,2,4,5-Tetrachlorobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	100	<	100	<	100	<	10	<	100	<	5
1,2,4-Trichlorobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
1,3-Dinitrobenzene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
1,3,5-Trinitrobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
1,4-Napthoquinone	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
1-Naphthylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	100	<	5
2,3,4,6-Tetrachlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2,4,5-Trichlorophenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	250	<	10
2,4,6-Trichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2,4-Dichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	100	<	5
2,4-Dimethylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	40	<	100	<	100	<	10	<	100	<	5
2,4-Dinitrophenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	250	<	10
2,4-Dinitrotoluene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2,6-Dichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2,6-Dinitrotoluene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2-Acetylaminofluorene	µg/L	NA	<	20			<	20	<	20	<	50	<	20	<	200	<	200	<	20	<	200	<	10
2-Chloronaphthalene	µg/L	10	<	10			<	10	<	10	<	25	<	25	<	100	<	100	<	10	<	100	<	5
2-Chlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	100	<	5
2-Methylnaphthalene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2-Methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2-Naphthylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
2-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	250	<	10
2-Nitrophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
3,3´-Dichlorobenzidine	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
3,3´-Dimethylbenzidine	µg/L	5	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	100	<	5
3-Methylcholanthrene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
3-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	250	<	10
4,6-Dinitro-2-methylphenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	250	<	10
4-Aminobiphenyl	µg/L	5	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	200	<	10
4-Bromophenyl phenyl ether	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
4-Chloro-3-methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
4-Chloroaniline	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
4-Chlorophenyl phenyl ether	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
4-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	120	<	250	<	250	<	25	<	250	<	10
4-Nitrophenol	µg/L	1	<	25			<	25	<	25	<	62	<	120	<	250	<	250	<	25	<	250	<	10
5-Nitro-o-toluidine	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
7,12-Dimethylbenz(a)anthracene	µg/L	NA	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
Acenaphthene	µg/L	20	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Acenaphthylene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Acetophenone	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Anthracene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Benzo(a)pyrene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Benzo(b)fluoranthene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Benzo(g,h,i)perylene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Benzo(k)fluoranthene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Benzyl alcohol	µg/L	NA	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
Bis(2-chloroethoxy)methane	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Bis(2-chloroethyl)ether	µg/L	1	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
Bis(2-chloroisopropyl)ether	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
Bis(2-ethylhexyl)phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	100	<	5
Butyl benzyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	100	<	5
Chlorobenzilate	µg/L	NA	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	100	<	5
Chrysene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Di-n-butyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Di-n-octyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Diallate	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	200	<	10
Dibenz(a,h)anthracene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Dibenzofuran	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Diethyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Dimethoate	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Dimethyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Diphenylamine	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Disulfoton	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Ethyl methanesulfonate	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	200	<	10
Famphur	µg/L	NA	<	20			<	20	<	20	<	50	<	250	<	200	<	200	<	20	<	200	<	10
Fluoranthene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Fluorene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Hexachlorobenzene	µg/L	0.35	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Hexachlorobutadiene	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
Hexachlorocyclopentadiene	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Hexachloroethane	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Hexachloropropene	µg/L	5	<	10			<	10	<	10	<	25	<	25000	<	100	<	100	<	10	<	100	<	5
Indeno(1,2,3-cd)pyrene	µg/L	0.002	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
Isodrin	µg/L	5	<	20			<	20	<	20	<	50	<	250	<	200	<	200	<	20	<	200	<	10
Isophorone	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Isosafrole	µg/L	NA	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	100	<	5
Kepone	µg/L	NA	<	25			<	25	<	25	<	62	<	120	<	250	<	250	<	25	<	250	<	10
Methapyrilene	µg/L	NA	<	100			<	100	<	100	<	250	<	120	<	1000	<	1000	<	100	<	1000	<	20
Methyl methanesulfonate	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Methyl parathion	µg/L	1.5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
N-Nitroso-di-n-butylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
N-Nitrosodi-n-propylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	1200	<	100	<	100	<	10	<	100	<	5
N-Nitrosodiethylamine	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	200	<	10
N-Nitrosodimethylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
N-Nitrosodiphenylamine	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
N-Nitrosomethylethylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
N-Nitrosopiperidine	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	200	<	10
N-Nitrosopyrrolidine	µg/L	NA	<	40			<	40	<	40	<	100	<	120	<	400	<	400	<	40	<	400	<	10
Naphthalene	µg/L	10	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	100	<	5
Nitrobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	100	<	5
O,O,O-Triethylphosphorothioate	µg/L	NA	<	10			<	10	<	10	<	25		2000	<	100	<	100	<	10	<	100	<	5
Pentachlorobenzene	µg/L	5	<	10			<	10	<	10	<	25		24	<	100	<	100	<	10	<	100	<	5
Pentachloronitrobenzene	µg/L	NA	<	20			<	20	<	20	<	50		412	<	200	<	200	<	20	<	200	<	10
Pentachlorophenol	µg/L	1	<	25			<	25	<	25	<	62		4020	<	250	<	250	<	25	<	250	<	10

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Phenacetin	µg/L	NA	<	20			<	20	<	20	<	50		190	<	200	<	200	<	20	<	200	<	10
Phenanthrene	µg/L	50	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	100	<	5
Phenol	µg/L	1	<	10			<	10	<	10	<	25	<	0.01	<	100	<	100	<	10	<	100	<	5
Phorate	µg/L	NA	<	10			<	10	<	10	<	25		449	<	100	<	100	<	10	<	100	<	5
Pronamide	µg/L	NA	<	10			<	10	<	10	<	25		484	<	100	<	100	<	10	<	100	<	5
Pyrene	µg/L	50	<	10			<	10	<	10	<	25	<	0.2	<	100	<	100	<	10	<	100	<	5
Safrole	µg/L	NA	<	10			<	10	<	10	<	25		135	<	100	<	100	<	10	<	100	<	5
Thionazin	µg/L	NA	<	20			<	20	<	20	<	50		0.054	<	200	<	200	<	20	<	200	<	10
o-Toluidine	µg/L	5	<	10			<	10	<	10	<	25		6800	<	100	<	100	<	10	<	100	<	5
p-Dimethylaminoazobenzene	µg/L	NA	<	10			<	10	<	10	<	25		295	<	100	<	100	<	10	<	100	<	5
p-Phenylenediamine	µg/L	5	<	10			<	10	<	10	<	25	<	0.1	<	100	<	100	<	10	<	100	<	5
2,4,5-T	µg/L	35	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4-D	µg/L	4.4	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4,4´-DDD	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
4,4´-DDE	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
4,4´-DDT	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Aldrin	µg/L	NA		0.14			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
Aroclor 1016	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Aroclor 1221	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Aroclor 1232	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Aroclor 1242	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Aroclor 1248	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Aroclor 1254	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Aroclor 1260	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	2	<	10	<	10
Dicamba	µg/L	NA	<	1			<	1	<	1	<	1	<	1	<	1								
Dieldrin	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Dinoseb	µg/L	1	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Endosulfan I	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
Endosulfan II	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Endosulfan sulfate	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Endrin	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Endrin aldehyde	µg/L	5	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Endrin ketone	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.2	<	1	<	1
Heptachlor	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
Heptachlor epoxide	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
Methoxychlor	µg/L	35	<	0.5			<	0.5	<	1	<	0.5	<	0.5	<	0.5	<	0.5	<	1	<	5	<	5
Toxaphene	µg/L	NA	<	5			<	5	<	10	<	5	<	5	<	5	<	5	<	10	<	50	<	50
alpha-BHC	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
alpha-Chlordane	µg/L	0.1	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
beta-BHC	µg/L	NA	<	0.1			<	0.1	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
delta-BHC	µg/L	NA	<	0.1			<	0.1	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
gamma-BHC	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
gamma-Chlordane	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.1	<	0.5	<	0.5
Aroclor 1262	µg/L																		<	2	<	10	<	10
Aroclor 1268	µg/L																		<	2	<	10	<	10

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Parameter	Units	GW Std.		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1	SLCRS-1	SLCRS-1	SLCRS-1	SLCRS-1	SLCRS-1		SCLRS-1			SCLRS-1
				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Conductivity	umhos/cm	NA				1310		1544		1012		1177	938	1410	2590	1330	928		896			1502
Dissolved Oxygen	mg/L	> 7																				
Eh	mV	NA				254		104		95		105	82.5	255.9	130.1	267.7	282.6		303.8			283.3
pH	SU	6.5 - 8.5				6.3		6.4		6.7		6.4	6.62	6.98	6.87	7.12	7.23		7.61			7
Temperature	degC	NA													13	9.9	18.1		9.5			12.9
Turbidity	NTU	5				96		22		11		25	7.45	32.3	73	9	12.5		3.55			3.2
Water Level	ft	NA																				
Bromide	mg/L	NA	<	0.1			<	0.1	<	0.1	<	1	u	u	2.1	U	1	U	1	U	U	1
Aluminum	µg/L	NA		24		385		236		175		315	u	u	U	U	74	U	110		U	75
Antimony	µg/L	3			<	51.4	<	29	<	30.1	<	30.4	30	u	U	U	28	U	50	U	U	50
Arsenic	µg/L	25	<	5	<	2.7	<	5.5	<	3.6	<	4	u	u	U	U	2	U	2	U	U	2
Barium	µg/L	1000		227		182		184		113		203	96	145	314	116	78		85			233
Beryllium	µg/L	3	<	1	<	0.7	<	0.9	<	0.9	<	0.7	u	u	U	U	2	U	2	U	U	2
Cadmium	µg/L	10	<	2	<	2.9	<	2.1	<	3.1		2.7	u	u	U	U	5	U	5	U	U	5
Calcium	µg/L	NA		222000		192000		246000		150000		167000	107000	150000	203000	118000	89600		68400			131000
Chromium	µg/L	50		6.5	<	7.2	<	5.3	<	5.7	<	5.8	u	13	13	U	10	U	10	U	U	10
Cobalt	µg/L	NA			<	15.9	<	11.4	<	11	<	8.7	u	u	U	U	10	U	10	U	U	10
Copper	µg/L	200	<	4		34		23.7		27.7		22	u	u	U	U	17	U	17	U	U	17
Hardness, Total (mg/l CaCO3)	mg/l	NA		829		763		935		588		647	440	592	825	480	354		310			496
Iron	µg/L	300		2150		6530		4250		2530		3000	2400	1800	4950	750	245		368			145
Lead	µg/L	25	<	3	<	2.5	<	3.6	<	2.3	<	2.4	4	2	2	2	1		2		U	1
Magnesium	µg/L	35000		78400		68800		78000		51900		55900	41900	52800	77300	45000	31700		33900			40900
Manganese	µg/L	300		801		54.8		255		37.6		1800	125	22	114	13	5	U	13			11
Mercury	µg/L	2	<	0.2	<	0.04	<	0.2	<	0.08	<	0.2	u	u	U	U	0.2	U	0.2	U	U	0.2
Nickel	µg/L	NA	<	27	<	16.3	<	14.4	<	10.5	<	11.8	u	u	U	U	15		19		U	12
Potassium	µg/L	NA		3640	<	683	<	456	<	2020		2040	10600	5010	70100	24200	11700		6490			57800
Selenium	µg/L	10			<	1.9	<	14	<	13.5	<	3.4	u	u	U	U	2	U	2	U	U	2
Silver	µg/L	50			<	6.4	<	5.7	<	3.5	<	4.3	u	u	U	U	10	U	10	U	U	10
Sodium	µg/L	20000		36900		39200		30100		26600		39300	32100	47200	147000	79100	53300		57700			77600
Thallium	µg/L	4			<	3.8	<	4	<	4.6	<	7.7	u	u	U	U	1	U	1	U	U	1
Tin	µg/L	NA				130		493		115		130.1	u	u		U	800	U	800	U	U	800
Vanadium	µg/L	NA			<	8	<	8.3	<	9.8	<	8.1	u	5	U	U	5	U	10	U	U	10
Zinc	µg/L	300	<	5		50.7		39		45.2		15.7	23	33	39	29	37		20			21
Boron	µg/L	1	<	100		48.2		74.5		86.1		139.5	u	115	1050	U	129		67			602
1,1,1,2-Tetrachloroethane	µg/L	5																			U	5
1,1,1-Trichloroethane	µg/L	5																			U	5
1,1,2,2-Tetrachloroethane	µg/L	5																			U	5
1,1,2-Trichloroethane	µg/L	5																			U	5
1,1-Dichloroethane	µg/L	5										0.012									U	5
1,1-Dichloroethene	µg/L	5			<	MDL	<	MDL	<	MDL	<	MDL	MDL	MDL		< MDL	< MDL			U	U	5
1,1-Dichloropropene	µg/L	5																				
1,2,3-Trichloropropane	µg/L	5																			U	5
1,2-Dibromo-3-chloropropane	µg/L	5				4				2					1.3 J						U	5
1,2-Dibromoethane	µg/L	5													1.2 J						U	5
1,2-Dichlorobenzene	µg/L	4.7			<	MDL					<	MDL	MDL	MDL		< MDL	< MDL			U	U	2
1,2-Dichloroethane	µg/L	5										0.0035									U	5
1,2-Dichloropropane	µg/L	5																			U	5
1,3-Dichlorobenzene	µg/L	5																				
1,3-Dichloropropane	µg/L	5																				
1,4-Dichlorobenzene	µg/L	4.7						0.039		0.009											U	2
2,2-Dichloropropane	µg/L	5																				
2-Butanone	µg/L	50																				
2-Hexanone	µg/L	50																			U	10
4-Methyl-2-pentanone	µg/L	NA																				

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				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Acetone	µg/L	50		1																	U	25
Acetonitrile	µg/L	NA		2																	U	20
Acrolein	µg/L	5																				
Acrylonitrile	µg/L	5																				
Allyl chloride	µg/L	5																				
Benzene	µg/L	0.7										10			5		82				U	0.7
Bromochloromethane	µg/L	5		2																	U	5
Bromodichloromethane	µg/L	50		5				16													U	5
Bromoform	µg/L	50				30		11				4									U	5
Bromomethane	µg/L	NA																			U	5
Carbon disulfide	µg/L	NA		20		280		14				4									U	5
Carbon tetrachloride	µg/L	5		4		9		36		8		7	5								U	5
Chlorobenzene	µg/L	5						10													U	5
Chloroethane	µg/L	5								12		8									U	5
Chloroform	µg/L	7						8							8						U	5
Chloromethane	µg/L	5																			U	5
Chloroprene	µg/L	5																				
cis-1,2-Dichloroethene	µg/L	5																			U	5
cis-1,3-Dichloropropene	µg/L	5																			U	5
Dibromochloromethane	µg/L	50					<	MDL			<	MDL	MDL	MDL		< MDL	< MDL			U	U	5
Dibromomethane	µg/L	NA																			U	5
Dichlorodifluoromethane	µg/L	5																				
Ethyl Methacrylate	µg/L	NA																				
Ethylbenzene	µg/L	5																			U	5
Iodomethane	µg/L	5																			U	5
Isobutyl Alcohol	µg/L	NA																				
m,p-Xylene	µg/L	NA																			U	5
Methacrylonitrile	µg/L	5																				
Methyl Methacrylate	µg/L	50																				
Methylene chloride	µg/L	5																			U	5
o-Xylene	µg/L	5																			U	5
Propionitrile	µg/L	NA																				
Styrene	µg/L	5																			U	5
Tetrachloroethene	µg/L	5																			U	5
Toluene	µg/L	5																			U	5
trans-1,2-Dichloroethene	µg/L	5																			U	5
trans-1,3-Dichloropropene	µg/L	5																			U	5
trans-1,4-Dichloro-2-butene	µg/L	5						0.087		0.15		0.065									U	5
Trichloroethene	µg/L	5																			U	5
Trichlorofluoromethane	µg/L	5																			U	5
Vinyl acetate	µg/L	NA																			U	10
Vinyl chloride	µg/L	2																			U	2
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		783		600		530		380		455	427	481	706	488	408		453			353
Biochemical Oxygen Demand	mg/L	NA	<	3		3		3		9		6	u	u	U	U	3	U	3	U	U	3
Chemical Oxygen Demand	mg/L	NA		30		14.5	<	5		13.7		18.1	u	u	33.7	U	5	U	10	U	U	10
Chloride	mg/L	250		11		22		34		21		9.9	28.8	35.9	455	103	33.2		29			228
Color	UNITS	15				55		5		15		10	60	45	60	20	10		10			15
Cyanide	µg/L	100			<	0.01	<	0.01	<	0.01	<	0.01	u	0.01	U	U	0.01	U	0.01	U	U	0.01
Hexavalent chromium	mg/L	0.05	<	0.01	<	0.02	<	0.02	<	0.02	<	0.02	u	u	U	U	0.01	U	0.01	U	U	0.01
Nitrogen, Ammonia (As N)	mg/L	2	<	0.05	<	0.1	<	0.1		0.218		0.125	u	0.137	8.34	0.147	0.13		0.252			0.113
Nitrogen, Kjeldahl, Total	mg/L	NA		0.4		1.4	<	1		1.96	<	1	u	u	10.3	U	4.05		1.57			2.37
Nitrogen, Nitrate (As N)	mg/L	10		0.08		0.043	<	0.02		0.9	<	0.02	0.249	1.56	3.25	2.64	2.19		0.808			9.94
Organic Carbon, Total	mg/L	NA		5.6		2.7		104		3.6		3.8	2	2.4	6.5	2.1	2		4.1			4.4
Phenolics, Total Recoverable	mg/L	0.001		0.00006		0.00489	<	0.002	<	0.002	<	0.002	0.002	u	0.009	U	0.001	U	0.0236		U	0.004
Residue, Dissolved (TDS)	mg/L	500		976		865		998		790		630	533	705	1450	768	599		541			942
Sulfate	mg/L	250		146		123		340		230		141	77	140	210	110	73		83			110
Sulfide	mg/L	NA																				

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				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
(3+4)-Methylphenol	µg/L	1																				
1,2,4,5-Tetrachlorobenzene	µg/L	5																				
1,2,4-Trichlorobenzene	µg/L	5																				
1,3-Dinitrobenzene	µg/L	NA																				
1,3,5-Trinitrobenzene	µg/L	5																				
1,4-Napthoquinone	µg/L	NA																				
1-Naphthylamine	µg/L	NA																				
2,3,4,6-Tetrachlorophenol	µg/L	1																				
2,4,5-Trichlorophenol	µg/L	1																				
2,4,6-Trichlorophenol	µg/L	1																				
2,4-Dichlorophenol	µg/L	1																				
2,4-Dimethylphenol	µg/L	1																				
2,4-Dinitrophenol	µg/L	1																				
2,4-Dinitrotoluene	µg/L	5																				
2,6-Dichlorophenol	µg/L	1																				
2,6-Dinitrotoluene	µg/L	5																				
2-Acetylaminofluorene	µg/L	NA																				
2-Chloronaphthalene	µg/L	10																				
2-Chlorophenol	µg/L	1																				
2-Methylnaphthalene	µg/L	NA																				
2-Methylphenol	µg/L	1																				
2-Naphthylamine	µg/L	NA																				
2-Nitroaniline	µg/L	5																				
2-Nitrophenol	µg/L	1																				
3,3´-Dichlorobenzidine	µg/L	5																				
3,3´-Dimethylbenzidine	µg/L	5																				
3-Methylcholanthrene	µg/L	NA																				
3-Nitroaniline	µg/L	5																				
4,6-Dinitro-2-methylphenol	µg/L	1																				
4-Aminobiphenyl	µg/L	5																				
4-Bromophenyl phenyl ether	µg/L	NA																				
4-Chloro-3-methylphenol	µg/L	1																				
4-Chloroaniline	µg/L	5																				
4-Chlorophenyl phenyl ether	µg/L	NA																				
4-Nitroaniline	µg/L	5																				
4-Nitrophenol	µg/L	1																				
5-Nitro-o-toluidine	µg/L	5																				
7,12-Dimethylbenz(a)anthracene	µg/L	NA																				
Acenaphthene	µg/L	20																				
Acenaphthylene	µg/L	NA																				
Acetophenone	µg/L	NA																				
Anthracene	µg/L	50																				
Benzo(a)pyrene	µg/L	NA																				
Benzo(b)fluoranthene	µg/L	0.002																				
Benzo(g,h,i)perylene	µg/L	NA																				
Benzo(k)fluoranthene	µg/L	0.002																				
Benzyl alcohol	µg/L	NA																				
Bis(2-chloroethoxy)methane	µg/L	5																				

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				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Bis(2-chloroethyl)ether	µg/L	1																				
Bis(2-chloroisopropyl)ether	µg/L	5																				
Bis(2-ethylhexyl)phthalate	µg/L	50																				
Butyl benzyl phthalate	µg/L	50																				
Chlorobenzilate	µg/L	NA																				
Chrysene	µg/L	0.002																				
Di-n-butyl phthalate	µg/L	50																				
Di-n-octyl phthalate	µg/L	50																				
Diallate	µg/L	NA																				
Dibenz(a,h)anthracene	µg/L	NA																				
Dibenzofuran	µg/L	NA																				
Diethyl phthalate	µg/L	50																				
Dimethoate	µg/L	NA																				
Dimethyl phthalate	µg/L	50																				
Diphenylamine	µg/L	5																				
Disulfoton	µg/L	NA																				
Ethyl methanesulfonate	µg/L	NA																				
Famphur	µg/L	NA																				
Fluoranthene	µg/L	50																				
Fluorene	µg/L	50																				
Hexachlorobenzene	µg/L	0.35																				
Hexachlorobutadiene	µg/L	5																				
Hexachlorocyclopentadiene	µg/L	5																				
Hexachloroethane	µg/L	5																				
Hexachloropropene	µg/L	5																				
Indeno(1,2,3-cd)pyrene	µg/L	0.002																				
Isodrin	µg/L	5																				
Isophorone	µg/L	50																				
Isosafrole	µg/L	NA																				
Kepone	µg/L	NA																				
Methapyrilene	µg/L	NA																				
Methyl methanesulfonate	µg/L	NA																				
Methyl parathion	µg/L	1.5																				
N-Nitroso-di-n-butylamine	µg/L	NA																				
N-Nitrosodi-n-propylamine	µg/L	NA																				
N-Nitrosodiethylamine	µg/L	NA																				
N-Nitrosodimethylamine	µg/L	NA																				
N-Nitrosodiphenylamine	µg/L	50																				
N-Nitrosomethylethylamine	µg/L	NA																				
N-Nitrosopiperidine	µg/L	NA																				
N-Nitrosopyrrolidine	µg/L	NA																				
Naphthalene	µg/L	10																				
Nitrobenzene	µg/L	5																				
O,O,O-Triethylphosphorothioate	µg/L	NA																				
Pentachlorobenzene	µg/L	5																				
Pentachloronitrobenzene	µg/L	NA																				
Pentachlorophenol	µg/L	1																				

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				Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Phenacetin	µg/L	NA																				
Phenanthrene	µg/L	50																				
Phenol	µg/L	1																				
Phorate	µg/L	NA																				
Pronamide	µg/L	NA																				
Pyrene	µg/L	50																				
Safrole	µg/L	NA																				
Thionazin	µg/L	NA																				
o-Toluidine	µg/L	5																				
p-Dimethylaminoazobenzene	µg/L	NA																				
p-Phenylenediamine	µg/L	5																				
2,4,5-T	µg/L	35																				
2,4,5-TP (Silvex)	µg/L	0.26																				
2,4-D	µg/L	4.4																				
4,4´-DDD	µg/L	NA																				
4,4´-DDE	µg/L	NA																				
4,4´-DDT	µg/L	NA																				
Aldrin	µg/L	NA																				
Aroclor 1016	µg/L	0.1																				
Aroclor 1221	µg/L	0.1																				
Aroclor 1232	µg/L	0.1																				
Aroclor 1242	µg/L	0.1																				
Aroclor 1248	µg/L	0.1																				
Aroclor 1254	µg/L	0.1																				
Aroclor 1260	µg/L	0.1																				
Dicamba	µg/L	NA																				
Dieldrin	µg/L	NA																				
Dinoseb	µg/L	1																				
Endosulfan I	µg/L	NA																				
Endosulfan II	µg/L	NA																				
Endosulfan sulfate	µg/L	NA																				
Endrin	µg/L	NA																				
Endrin aldehyde	µg/L	5																				
Endrin ketone	µg/L	NA																				
Heptachlor	µg/L	NA																				
Heptachlor epoxide	µg/L	NA																				
Methoxychlor	µg/L	35																				
Toxaphene	µg/L	NA																				
alpha-BHC	µg/L	NA																				
alpha-Chlordane	µg/L	0.1																				
beta-BHC	µg/L	NA																				
delta-BHC	µg/L	NA																				
gamma-BHC	µg/L	NA																				
gamma-Chlordane	µg/L	NA																				
Aroclor 1262	µg/L																					
Aroclor 1268	µg/L																					

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Parameter	Units	GW Std.		SCLRS-1		SCLRS-1		SCLRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1
			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Conductivity	umhos/cm	NA		1660		1660		>20000		3520		3520		3280		3510		4680		2870		2764		120		6290
Dissolved Oxygen	mg/L	> 7														1.8		1.8		1.7		2		2.2		2.5
Eh	mV	NA		185.2		185.2		-149.9		45		27		35		5		27				30		-15		-25
pH	SU	6.5 - 8.5		6.85		6.85		6.87		7.8		6.88		6.98		6.92		6.88		6.69		8.3		7.38		7.57
Temperature	degC	NA		10.1		10.1		13.5		13.4		13		14		14		10		16		14		13		8.5
Turbidity	NTU	5		2		2		27.5		20		25		20		25		25		27		27		8		9.19
Water Level	ft	NA																								
Bromide	mg/L	NA		3.13		3.13		2.27	<	0.1						15.000		7.200	<	2.00000	<	0.2	<	2	<	2
Aluminum	µg/L	NA	U	75	U	75	U	75	<	100	<	100		103		147	<	100		132	<	100	<	100	<	100
Antimony	µg/L	3	U	50	U	50	U	50	<	15	<	15	<	15		15	<	15		25.3		22.4	<	15	<	15
Arsenic	µg/L	25	U	2	U	2	U	2	<	10	<	10	<	10		10	<	10	<	0.50000	<	10	<	10	<	10
Barium	µg/L	1000		311		311		202		883		842		626		547		241		135		117		222		252
Beryllium	µg/L	3	U	2	U	2	U	2	<	3	<	3	<	3	<	3	<	3	<	3.00000	<	3	<	3	<	3
Cadmium	µg/L	10	U	5	U	5	U	5	<	5	<	5	<	5	<	5	<	5		0.56	<	5	<	5	<	5
Calcium	µg/L	NA		155000		155000		176000		251000		351000		350000		444000		529000		379000		89400		124000		181000
Chromium	µg/L	50	U	10	U	10		25		37.2		25.4		17.9		12.1		7.59		1.32	<	5		8.84	<	5
Cobalt	µg/L	NA	U	10	U	10	U	10		44		27.1	<	20		20	<	20	<	1.06	<	20	<	20	<	20
Copper	µg/L	200	U	17	U	17	U	17		14.7	<	10	<	10		10	<	10		24.4		29		26.6		17.8
Hardness, Total (mg/l CaCO3)	mg/l	NA		625		625		710		1210						1800		2000		1300		375		539		848
Iron	µg/L	300		182		182		172		1540		678		2060		6810		4260		1390		136		607		212
Lead	µg/L	25		1		1	U	1	<	3	<	3	<	3	<	3	<	3		3.85		2.5	<	3	<	3
Magnesium	µg/L	35000		57700		57700		65600		141000		193000		178000		163000		163000		90400		36800		55900		96300
Manganese	µg/L	300		29		29		7		2290		5360		3270		3620		4220		129	<	10		23.1		60.1
Mercury	µg/L	2	U	0.2	U	0.2	U	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.20000	<	0.2	<	0.2	<	0.2
Nickel	µg/L	NA	U	12	U	12		15		135		103		70.1		51.3	<	30		16.4	<	30	<	30	<	30
Potassium	µg/L	NA		65000		65000		43000		437000		436000		306000		299000		152000		58900		19200		52200		122000
Selenium	µg/L	10	U	2	U	2	U	2	<	5	<	5	<	5	<	5	<	5	<	0.50000	<	5	<	5		8.39
Silver	µg/L	50	U	10	U	10	U	10	<	10	<	10	<	10	<	10	<	10		5.15	<	10	<	10	<	10
Sodium	µg/L	20000		102000		102000		106000		635000		695000		534000		701000		361000		207000		54200		123000		291000
Thallium	µg/L	4	U	1	U	1	U	1	<	10	<	10	<	10	<	10	<	10		4.34	<	10	<	10		22.8
Tin	µg/L	NA	U	800	U	800	U	800		3.66									<	0.30000	<	300	<	300	<	300
Vanadium	µg/L	NA	U	10	U	10	U	10	<	30	<	30	<	30	<	30	<	30		0.88	<	30	<	30	<	30
Zinc	µg/L	300		38		38		31		86.3	<	10		38		41.5		18.9		36.6		22		15.3		21.2
Boron	µg/L	1		410		410		419		5570		6600		5100		4000	0	3200		2080		553		766		1930
1,1,1,2-Tetrachloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	100	<	100	<	5.00000	<	5	<	5	<	5
1,1,1-Trichloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	µg/L	5	U	5	U	5	U	5	<	1000	<	5000	<	10000	<	10000	<	10000	<	5.00000	<	5	<	5	<	5
1,1,2-Trichloroethane	µg/L	5	U	5	U	5	U	5	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
1,1-Dichloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50		1	<	5	<	5	<	5
1,1-Dichloroethene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
1,1-Dichloropropene	µg/L	5																	<	5.00000	<	5	<	5	<	5
1,2,3-Trichloropropane	µg/L	5	U	5	U	5	U	5	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
1,2-Dibromo-3-chloropropane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	10.00000	<	10	<	10	<	10
1,2-Dibromoethane	µg/L	5	U	5	U	5	U	5	<	5	<	25		82		82		82	<	5.00000	<	5	<	5	<	5
1,2-Dichlorobenzene	µg/L	4.7	U	2	U	2	U	2	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
1,2-Dichloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
1,2-Dichloropropane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
1,3-Dichlorobenzene	µg/L	5																	<	5.00000	<	5	<	5	<	5
1,3-Dichloropropane	µg/L	5																	<	5.00000	<	5	<	5	<	5
1,4-Dichlorobenzene	µg/L	4.7	U	2	U	2	U	2	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
2,2-Dichloropropane	µg/L	5																	<	5.00000	<	5	<	5	<	5
2-Butanone	µg/L	50																		22	<	10	<	10	<	10
2-Hexanone	µg/L	50	U	10	U	10	U	10	<	5	<	25	<	50	<	50	<	50	<	10.00000	<	10	<	10	<	10
4-Methyl-2-pentanone	µg/L	NA																	<	10.00000	<	10	<	10	<	10

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			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Acetone	µg/L	50	U	25	U	25	U	25	<	10	<	50	<	100	<	100	<	100		11	<	10	<	10	<	10
Acetonitrile	µg/L	NA	U	20	U	20	U	20	<	100	<	500	<	1000	<	1000	<	1000	<	100.00000	<	100	<	100	<	100
Acrolein	µg/L	5																	<	100.00000	<	100	<	100	<	100
Acrylonitrile	µg/L	5																	<	100.00000	<	100	<	100	<	100
Allyl chloride	µg/L	5																	<	5.00000	<	5	<	5	<	5
Benzene	µg/L	0.7	U	0.7	U	0.7	U	0.7	<	100	<	500	<	1000	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
Bromochloromethane	µg/L	5	U	5	U	5	U	5	<	100	<	500	<	1000	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
Bromodichloromethane	µg/L	50	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Bromoform	µg/L	50	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Bromomethane	µg/L	NA	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Carbon disulfide	µg/L	NA	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Carbon tetrachloride	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Chlorobenzene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Chloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Chloroform	µg/L	7	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Chloromethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Chloroprene	µg/L	5																	<	10.00000	<	10	<	10	<	10
cis-1,2-Dichloroethene	µg/L	5	U	5	U	5	U	5	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
cis-1,3-Dichloropropene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Dibromochloromethane	µg/L	50	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Dibromomethane	µg/L	NA	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Dichlorodifluoromethane	µg/L	5																	<	5.00000	<	5	<	5	<	5
Ethyl Methacrylate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Ethylbenzene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Iodomethane	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Isobutyl Alcohol	µg/L	NA																	<	1000.00000	<	1000	<	1000	<	1000
m,p-Xylene	µg/L	NA	U	5	U	5	U	5	<	100	<	500	<	1000	<	1000	<	1000		4	<	5	<	5	<	5
Methacrylonitrile	µg/L	5																	<	10.00000	<	10	<	10	<	10
Methyl Methacrylate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Methylene chloride	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50		1		9.2	<	5	<	5
o-Xylene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50		4	<	5	<	5	<	5
Propionitrile	µg/L	NA																	<	100.00000	<	100	<	100	<	100
Styrene	µg/L	5	U	5	U	5	U	5	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
Tetrachloroethene	µg/L	5	U	5	U	5	U	5	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
Toluene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50		1	<	5	<	5	<	5
trans-1,2-Dichloroethene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
trans-1,3-Dichloropropene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
trans-1,4-Dichloro-2-butene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	10.00000	<	10	<	10	<	10
Trichloroethene	µg/L	5	U	5	U	5	U	5	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Trichlorofluoromethane	µg/L	5	U	5	U	5	U	5	<	10	<	50	<	100	<	100	<	100	<	5.00000	<	5	<	5	<	5
Vinyl acetate	µg/L	NA	U	10	U	10	U	10	<	5	<	25	<	50	<	50	<	50	<	50.00000	<	50	<	50	<	50
Vinyl chloride	µg/L	2	U	2	U	2	U	2	<	5	<	25	<	50	<	50	<	50	<	5.00000	<	5	<	5	<	5
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		481		481		488		700		650		760		720		480		370		470		490		620
Biochemical Oxygen Demand	mg/L	NA	U	3	U	3	U	3	<	4	<	60		4		12		7	<	4.00000		5	<	4	<	4
Chemical Oxygen Demand	mg/L	NA		21.6		21.6	U	10		270		170		150		100		67		34	<	20	<	20	<	20
Chloride	mg/L	250		242		242		208		2000		2000		1900		180		170		564		1170		123		475
Color	UNITS	15						5		96		75		90		1600		1100		45		5		20	<	5
Cyanide	µg/L	100	U	0.01	U	0.01	U	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	10.00000	<	10	<	10	<	10
Hexavalent chromium	mg/L	0.05	U	0.01	U	0.01		0.011	<	0.00001	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01000	<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/L	2		0.253		0.253		0.852		130		54		32		15		3.3	<	0.50000		1.97	<	0.5		10.7
Nitrogen, Kjeldahl, Total	mg/L	NA		2		2		6.73		100		58		38		5.4		8.2		4.4		1.48	<	0.5		2.8
Nitrogen, Nitrate (As N)	mg/L	10		4.07		4.07		7.34		3.6		7.2		0.9		15		4		5.7		7		2		35
Organic Carbon, Total	mg/L	NA		4.1		4.1		6		81		56		57		32		19		15		3		5		9
Phenolics, Total Recoverable	mg/L	0.001		0.0077		0.0077	U	0.004	<	0.005		0.009	<	0.005	<	0.005	<	0.005	<	0.00500	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500		1110		1110		1210		5000		4800		4800		3900		3700		2680		708		1040		2850
Sulfate	mg/L	250		160		160		184		160		290		490		440		1400		744		12.4		138		361
Sulfide	mg/L	NA																	<	0.10000	<	0.1	<	0.1	<	0.1

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			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
(3+4)-Methylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
1,2,4,5-Tetrachlorobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
1,2,4-Trichlorobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
1,3-Dinitrobenzene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
1,3,5-Trinitrobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
1,4-Napthoquinone	µg/L	NA																	<	10.00000	<	10	<	10	<	10
1-Naphthylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
2,3,4,6-Tetrachlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4,5-Trichlorophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
2,4,6-Trichlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4-Dichlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4-Dimethylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4-Dinitrophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
2,4-Dinitrotoluene	µg/L	5																	<	10.00000	<	10	<	10	<	10
2,6-Dichlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,6-Dinitrotoluene	µg/L	5																	<	10.00000	<	10	<	10	<	10
2-Acetylaminofluorene	µg/L	NA																	<	20.00000	<	20	<	20	<	20
2-Chloronaphthalene	µg/L	10																	<	10.00000	<	10	<	10	<	10
2-Chlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2-Methylnaphthalene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
2-Methylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2-Naphthylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
2-Nitroaniline	µg/L	5																	<	25.00000	<	25	<	25	<	25
2-Nitrophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
3,3´-Dichlorobenzidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
3,3´-Dimethylbenzidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
3-Methylcholanthrene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
3-Nitroaniline	µg/L	5																	<	25.00000	<	25	<	25	<	25
4,6-Dinitro-2-methylphenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
4-Aminobiphenyl	µg/L	5																	<	20.00000	<	20	<	20	<	20
4-Bromophenyl phenyl ether	µg/L	NA																	<	10.00000	<	10	<	10	<	10
4-Chloro-3-methylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
4-Chloroaniline	µg/L	5																	<	10.00000	<	10	<	10	<	10
4-Chlorophenyl phenyl ether	µg/L	NA																	<	10.00000	<	10	<	10	<	10
4-Nitroaniline	µg/L	5																	<	25.00000	<	25	<	25	<	25
4-Nitrophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
5-Nitro-o-toluidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
7,12-Dimethylbenz(a)anthracene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Acenaphthene	µg/L	20																	<	10.00000	<	10	<	10	<	10
Acenaphthylene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Acetophenone	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Anthracene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Benzo(a)pyrene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Benzo(b)fluoranthene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Benzo(g,h,i)perylene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Benzo(k)fluoranthene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Benzyl alcohol	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Bis(2-chloroethoxy)methane	µg/L	5																	<	10.00000	<	10	<	10	<	10

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Parameter	Units	GW Std.		SCLRS-1		SCLRS-1		SCLRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1		SLCRS-1
			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Bis(2-chloroethyl)ether	µg/L	1																	<	10.00000	<	10	<	10	<	10
Bis(2-chloroisopropyl)ether	µg/L	5																	<	10.00000	<	10	<	10	<	10
Bis(2-ethylhexyl)phthalate	µg/L	50																		6		1	<	10	<	10
Butyl benzyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Chlorobenzilate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Chrysene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Di-n-butyl phthalate	µg/L	50																		2	<	10	<	10	<	10
Di-n-octyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Diallate	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Dibenz(a,h)anthracene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Dibenzofuran	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Diethyl phthalate	µg/L	50																	<	10.00000		2	<	10	<	10
Dimethoate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Dimethyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Diphenylamine	µg/L	5																	<	10.00000	<	10	<	10	<	10
Disulfoton	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Ethyl methanesulfonate	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Famphur	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Fluoranthene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Fluorene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Hexachlorobenzene	µg/L	0.35																	<	10.00000	<	10	<	10	<	10
Hexachlorobutadiene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Hexachlorocyclopentadiene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Hexachloroethane	µg/L	5																	<	10.00000	<	10	<	10	<	10
Hexachloropropene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Indeno(1,2,3-cd)pyrene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Isodrin	µg/L	5																	<	20.00000	<	20	<	20	<	20
Isophorone	µg/L	50																	<	10.00000	<	10	<	10	<	10
Isosafrole	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Kepone	µg/L	NA																	<	25.00000	<	25	<	25	<	25
Methapyrilene	µg/L	NA																	<	100.00000	<	100	<	100	<	100
Methyl methanesulfonate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Methyl parathion	µg/L	1.5																	<	10.00000	<	10	<	10	<	10
N-Nitroso-di-n-butylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosodi-n-propylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosodiethylamine	µg/L	NA																	<	20.00000	<	20	<	20	<	20
N-Nitrosodimethylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosodiphenylamine	µg/L	50																	<	10.00000	<	10	<	10	<	10
N-Nitrosomethylethylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosopiperidine	µg/L	NA																	<	20.00000	<	20	<	20	<	20
N-Nitrosopyrrolidine	µg/L	NA																	<	40.00000	<	40	<	40	<	40
Naphthalene	µg/L	10																	<	10.00000	<	10	<	10	<	10
Nitrobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
O,O,O-Triethylphosphorothioate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Pentachlorobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Pentachloronitrobenzene	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Pentachlorophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25

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			Q	Nov-00	Q	Feb-01	Q	May-01		Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Phenacetin	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Phenanthrene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Phenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
Phorate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Pronamide	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Pyrene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Safrole	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Thionazin	µg/L	NA																	<	20.00000	<	20	<	20	<	20
o-Toluidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
p-Dimethylaminoazobenzene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
p-Phenylenediamine	µg/L	5																	<	10.00000	<	10	<	10	<	10
2,4,5-T	µg/L	35																	<	14.00000	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26																	<	14.00000	<	1	<	1	<	1
2,4-D	µg/L	4.4																	<	14.00000	<	1	<	1	<	1
4,4´-DDD	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
4,4´-DDE	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
4,4´-DDT	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Aldrin	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Aroclor 1016	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1221	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1232	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1242	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1248	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1254	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1260	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Dicamba	µg/L	NA																	<	14.00000	<	1	<	1	<	1
Dieldrin	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Dinoseb	µg/L	1																	<	14.00000	<	1	<	1	<	1
Endosulfan I	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Endosulfan II	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Endosulfan sulfate	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Endrin	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Endrin aldehyde	µg/L	5																	<	10.00000	<	10	<	0.1	<	0.1
Endrin ketone	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Heptachlor	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Heptachlor epoxide	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Methoxychlor	µg/L	35																	<	50.00000	<	50	<	0.5	<	0.5
Toxaphene	µg/L	NA																	<	500.00000	<	500	<	5	<	5
alpha-BHC	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
alpha-Chlordane	µg/L	0.1																	<	5.00000	<	5	<	0.05	<	0.05
beta-BHC	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
delta-BHC	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
gamma-BHC	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
gamma-Chlordane	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Aroclor 1262	µg/L																									
Aroclor 1268	µg/L																									

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Jan-11		Aug-11
Conductivity	umhos/cm	NA		1683		2910		6210		444		9.71		583		367		844		1508		16.8
Dissolved Oxygen	mg/L	> 7		3.14		4.17		2.78														
Eh	mV	NA		-80		70		-39		-35		4		213		171		281		44		124
pH	SU	6.5 - 8.5		7.88		8.02		6.65		7.25		6.93		6.85		7.56		6.98		7.84		7.11
Temperature	degC	NA		16.3		14.6		18.5		19.5		11.7		16.8		19		22.9		0.7		21.9
Turbidity	NTU	5		3.47		1.26		123		23.3		39.8		49.4		40.8		11.9		5.18		77
Water Level	ft	NA																				
Bromide	mg/L	NA	<	20	<	2	<	200	<	200	<	20	<	20		17		60	<	8	<	8
Aluminum	µg/L	NA	<	100	<	100	<	100		126		178	<	100	<	100	<	100	<	100	<	100
Antimony	µg/L	3	<	15	<	15	<	15	<	15	<	30	<	30	<	30	<	50	<	5	<	5
Arsenic	µg/L	25	<	10	<	10		12.3		15.1	<	10	<	10	<	10		71.8	<	5		42
Barium	µg/L	1000		90.9		136		1130		888		360		886		517		1490		164		136
Beryllium	µg/L	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	µg/L	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA		194000		309000		396000		286000		307000		249000		256000		388000		165000		265000
Chromium	µg/L	50	<	5		5.28		18.9		29.1		73.2		43.4		30.9		15.4	<	10	<	10
Cobalt	µg/L	NA	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	µg/L	200	<	10		36.5	<	10	<	10	<	10	<	10		129	<	10	<	10	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA		687		1060000		2050000		1530000		1640000		1230000		1220000		2060000		732000		1200000
Iron	µg/L	300		181		306		7330		536		21300		4220		2540		1490		577		64.6
Lead	µg/L	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	30	<	3	<	3
Magnesium	µg/L	35000		49400		68800		258000		198000		212000		149000		142000		265000		77600		130000
Manganese	µg/L	300		51.5		50.3		896		978		1900		1050		894		822		39.2		16.5
Mercury	µg/L	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	µg/L	NA	<	30	<	30		34		52.6	<	30	<	30	<	30		43.5	<	30		79.4
Potassium	µg/L	NA		42600		52500		1310000		646000		910000		44600		431000		1490000		168000		125000
Selenium	µg/L	10	<	5	<	5		11.6	<	5	<	5	<	5	<	5		298		13		240
Silver	µg/L	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10
Sodium	µg/L	20000		72800		94100		1410000		709000		1380000		55900		687000		2150000		214000		655000
Thallium	µg/L	4		28.5		11.8	<	10	<	10	<	10	<	10	<	10	<	30	<	3	<	3
Tin	µg/L	NA	<	300	<	30	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300
Vanadium	µg/L	NA	<	30		23.5	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	µg/L	300		28		1050		11		12.9		12.9	<	10		16.7	<	10		34.8		32.9
Boron	µg/L	1		935	<	5		11200		12100		12300		11500		6600		13300		1040		2280
1,1,1,2-Tetrachloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,1,1-Trichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,1,2,2-Tetrachloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,1,2-Trichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,1-Dichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,1-Dichloroethene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,1-Dichloropropene	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,2,3-Trichloropropane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,2-Dibromo-3-chloropropane	µg/L	5	<	10	<	5	<	50	<	250	<	250	<	25	<	250	<	200	<	50	<	10
1,2-Dibromoethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,2-Dichlorobenzene	µg/L	4.7	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,2-Dichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,2-Dichloropropane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	25	<	5
1,3-Dichlorobenzene	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,3-Dichloropropane	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
1,4-Dichlorobenzene	µg/L	4.7	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
2,2-Dichloropropane	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	20	<	120	<	100	<	25	<	5
2-Butanone	µg/L	50	<	10	<	100	<	50	<	250	<	250	<	10	<	250	<	200	<	50	<	10
2-Hexanone	µg/L	50	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	50	<	10
4-Methyl-2-pentanone	µg/L	NA	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	50	<	10

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Jan-11		Aug-11
Acetone	µg/L	50	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	50	<	10
Acetonitrile	µg/L	NA	<	100	<	5	<	500	<	2500	<	2500	<	10	<	2500	<	2000	<	500	<	100
Acrolein	µg/L	5	<	100	<	5	<	500	<	2500	<	2500	<	25	<	2500	<	2000	<	500	<	100
Acrylonitrile	µg/L	5	<	100	<	5	<	500	<	2500	<	2500	<	10	<	2500	<	2000	<	500	<	100
Allyl chloride	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Benzene	µg/L	0.7	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Bromochloromethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Bromodichloromethane	µg/L	50	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	25	<	5
Bromoform	µg/L	50	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	25	<	5
Bromomethane	µg/L	NA	<	5	<	5	<	25	<	120	<	120	<	20	<	120	<	100	<	25	<	5
Carbon disulfide	µg/L	NA	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Carbon tetrachloride	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Chlorobenzene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Chloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Chloroform	µg/L	7	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	25	<	5
Chloromethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	25	<	5
Chloroprene	µg/L	5	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	50	<	10
cis-1,2-Dichloroethene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
cis-1,3-Dichloropropene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	20	<	120	<	100	<	25	<	5
Dibromochloromethane	µg/L	50	<	5	<	50	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Dibromomethane	µg/L	NA	<	5	<	5	<	25	<	120	<	250	<	10	<	120	<	100	<	25	<	5
Dichlorodifluoromethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Ethyl Methacrylate	µg/L	NA	<	10	<	5	<	50	<	250	<	120	<	10	<	250	<	200	<	50	<	10
Ethylbenzene	µg/L	5	<	5	<	5	<	25	<	120	<	25000	<	10	<	120	<	100	<	25	<	5
Iodomethane	µg/L	5	<	5	<	5	<	25	<	120	<	250	<	10	<	120	<	100	<	25	<	5
Isobutyl Alcohol	µg/L	NA	<	1000	<	5	<	5000	<	25000	<	250	<	10	<	25000	<	20000	<	5000	<	1000
m,p-Xylene	µg/L	NA	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Methacrylonitrile	µg/L	5	<	10	<	10	<	50	<	250	<	2500	<	10	<	250	<	200	<	50	<	10
Methyl Methacrylate	µg/L	50	<	10		550	<	50	<	250	<	120	<	10	<	250	<	200	<	50	<	10
Methylene chloride	µg/L	5	<	5	<	4	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
o-Xylene	µg/L	5	<	5		36	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Propionitrile	µg/L	NA	<	100		287	<	500	<	2500	<	120	<	10	<	2500	<	2000	<	500	<	100
Styrene	µg/L	5	<	5		15	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Tetrachloroethene	µg/L	5	<	5	<	10	<	25	<	120	<	1200	<	10	<	120	<	100	<	25	<	5
Toluene	µg/L	5	<	5	<	0.01	<	25	<	120	<	120		11	<	120	<	100	<	25	<	5
trans-1,2-Dichloroethene	µg/L	5	<	5	<	0.5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
trans-1,3-Dichloropropene	µg/L	5	<	5	<	0.5	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
trans-1,4-Dichloro-2-butene	µg/L	5	<	10		5.27	<	50	<	250	<	120	<	10	<	250	<	200	<	50	<	10
Trichloroethene	µg/L	5	<	5		12	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Trichlorofluoromethane	µg/L	5	<	5	<	0.005	<	25	<	120	<	120	<	10	<	120	<	100	<	25	<	5
Vinyl acetate	µg/L	NA	<	50		1840	<	250	<	1200	<	120	<	10	<	1200	<	1000	<	250	<	50
Vinyl chloride	µg/L	2	<	5		299	<	25	<	120	<	250	<	10	<	120	<	100	<	25	<	5
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		590				240		2600		1800	<	10		1300		1800		420		650
Biochemical Oxygen Demand	mg/L	NA		6				22		20		27	<	10		8		29	<	4	<	6
Chemical Oxygen Demand	mg/L	NA	<	20				384		418		397	<	20		228		370		23		34
Chloride	mg/L	250		142				92.6		26500		3830	<	20		2000		3920		290		871
Color	UNITS	15		18				280		250		500	<	10		500		300		45		13
Cyanide	µg/L	100	<	10			<	10	<	0.01	<	0.01	<	10	<	10	<	10	<	10		15.1
Hexavalent chromium	mg/L	0.05	<	0.01			<	0.01	<	0.01	<	0.01	<	10	<	0.01	<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/L	2	<	0.5				212		309		503	<	10		212		434	<	0.5	<	0.5
Nitrogen, Kjeldahl, Total	mg/L	NA	<	0.5				308		324		555	<	10		206		404		2.17	<	0.5
Nitrogen, Nitrate (As N)	mg/L	10		6.2			<	0.2		0.583	<	0.2	<	10		1.57		16.7		3.14		40.2
Organic Carbon, Total	mg/L	NA		9				411		148		130	<	10		45.9	<	150		13.7		9
Phenolics, Total Recoverable	mg/L	0.001		0.013				0.05	<	0.025	<	0.05	<	10		0.014	<	0.05		0.052	<	0.005
Residue, Dissolved (TDS)	mg/L	500		1410				10800		5700		7550	<	20		4500		10000		1200		3500
Sulfate	mg/L	250		111				124	<	5		602	<	10		317		150		145		506
Sulfide	mg/L	NA	<	0.1				2.16		9.4	<	0.1	<	10	<	0.1	<	0.1	<	0.1	<	0.1

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Jan-11		Aug-11
(3+4)-Methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	25	<	100	<	100	<	10	<	5
1,2,4,5-Tetrachlorobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	100	<	100	<	100	<	10	<	5
1,2,4-Trichlorobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
1,3-Dinitrobenzene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
1,3,5-Trinitrobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
1,4-Napthoquinone	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
1-Naphthylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	5
2,3,4,6-Tetrachlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2,4,5-Trichlorophenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	10
2,4,6-Trichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2,4-Dichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	5
2,4-Dimethylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	40	<	100	<	100	<	10	<	5
2,4-Dinitrophenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	10
2,4-Dinitrotoluene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2,6-Dichlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2,6-Dinitrotoluene	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2-Acetylaminofluorene	µg/L	NA	<	20			<	20	<	20	<	50	<	20	<	200	<	200	<	20	<	10
2-Chloronaphthalene	µg/L	10	<	10			<	10	<	10	<	25	<	25	<	100	<	100	<	10	<	5
2-Chlorophenol	µg/L	1	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	5
2-Methylnaphthalene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2-Methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2-Naphthylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
2-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	10
2-Nitrophenol	µg/L	1	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
3,3´-Dichlorobenzidine	µg/L	5	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
3,3´-Dimethylbenzidine	µg/L	5	<	10			<	10	<	10	<	25	<	20	<	100	<	100	<	10	<	5
3-Methylcholanthrene	µg/L	NA	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
3-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	10
4,6-Dinitro-2-methylphenol	µg/L	1	<	25			<	25	<	25	<	62	<	10	<	250	<	250	<	25	<	10
4-Aminobiphenyl	µg/L	5	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	10
4-Bromophenyl phenyl ether	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
4-Chloro-3-methylphenol	µg/L	1	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
4-Chloroaniline	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
4-Chlorophenyl phenyl ether	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
4-Nitroaniline	µg/L	5	<	25			<	25	<	25	<	62	<	120	<	250	<	250	<	25	<	10
4-Nitrophenol	µg/L	1	<	25			<	25	<	25	<	62	<	120	<	250	<	250	<	25	<	10
5-Nitro-o-toluidine	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
7,12-Dimethylbenz(a)anthracene	µg/L	NA	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
Acenaphthene	µg/L	20	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Acenaphthylene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Acetophenone	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Anthracene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Benzo(a)pyrene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Benzo(b)fluoranthene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Benzo(g,h,i)perylene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Benzo(k)fluoranthene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Benzyl alcohol	µg/L	NA	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
Bis(2-chloroethoxy)methane	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Jan-11		Aug-11
Bis(2-chloroethyl)ether	µg/L	1	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
Bis(2-chloroisopropyl)ether	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
Bis(2-ethylhexyl)phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	5
Butyl benzyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	5
Chlorobenzilate	µg/L	NA	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	5
Chrysene	µg/L	0.002	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Di-n-butyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Di-n-octyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Diallate	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	10
Dibenz(a,h)anthracene	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Dibenzofuran	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Diethyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Dimethoate	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Dimethyl phthalate	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Diphenylamine	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Disulfoton	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Ethyl methanesulfonate	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	10
Famphur	µg/L	NA	<	20			<	20	<	20	<	50	<	250	<	200	<	200	<	20	<	10
Fluoranthene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Fluorene	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Hexachlorobenzene	µg/L	0.35	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Hexachlorobutadiene	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
Hexachlorocyclopentadiene	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Hexachloroethane	µg/L	5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Hexachloropropene	µg/L	5	<	10			<	10	<	10	<	25	<	25000	<	100	<	100	<	10	<	5
Indeno(1,2,3-cd)pyrene	µg/L	0.002	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
Isodrin	µg/L	5	<	20			<	20	<	20	<	50	<	250	<	200	<	200	<	20	<	10
Isophorone	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Isosafrole	µg/L	NA	<	10			<	10	<	10	<	25	<	2500	<	100	<	100	<	10	<	5
Kepone	µg/L	NA	<	25			<	25	<	25	<	62	<	120	<	250	<	250	<	25	<	10
Methapyrilene	µg/L	NA	<	100			<	100	<	100	<	250	<	120	<	1000	<	1000	<	100	<	20
Methyl methanesulfonate	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Methyl parathion	µg/L	1.5	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
N-Nitroso-di-n-butylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
N-Nitrosodi-n-propylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	1200	<	100	<	100	<	10	<	5
N-Nitrosodiethylamine	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	10
N-Nitrosodimethylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
N-Nitrosodiphenylamine	µg/L	50	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
N-Nitrosomethylethylamine	µg/L	NA	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
N-Nitrosopiperidine	µg/L	NA	<	20			<	20	<	20	<	50	<	120	<	200	<	200	<	20	<	10
N-Nitrosopyrrolidine	µg/L	NA	<	40			<	40	<	40	<	100	<	120	<	400	<	400	<	40	<	10
Naphthalene	µg/L	10	<	10			<	10	<	10	<	25	<	120	<	100	<	100	<	10	<	5
Nitrobenzene	µg/L	5	<	10			<	10	<	10	<	25	<	250	<	100	<	100	<	10	<	5
O,O,O-Triethylphosphorothioate	µg/L	NA	<	10			<	10	<	10	<	25		2600	<	100	<	100	<	10	<	5
Pentachlorobenzene	µg/L	5	<	10			<	10	<	10	<	25		19	<	100	<	100	<	10	<	5
Pentachloronitrobenzene	µg/L	NA	<	20			<	20	<	20	<	50		450	<	200	<	200	<	20	<	10
Pentachlorophenol	µg/L	1	<	25			<	25	<	25	<	62		2510	<	250	<	250	<	25	<	10

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Jan-11		Aug-11
Phenacetin	µg/L	NA	<	20			<	20	<	20	<	50		300	<	200	<	200	<	20	<	10
Phenanthrene	µg/L	50	<	10			<	10	<	10	<	25	<	10	<	100	<	100	<	10	<	5
Phenol	µg/L	1	<	10			<	10	<	10	<	25	<	0.01	<	100	<	100	<	10	<	5
Phorate	µg/L	NA	<	10			<	10	<	10	<	25		373	<	100	<	100	<	10	<	5
Pronamide	µg/L	NA	<	10			<	10	<	10	<	25		392	<	100	<	100	<	10	<	5
Pyrene	µg/L	50	<	10			<	10	<	10	<	25	<	0.2	<	100	<	100	<	10	<	5
Safrole	µg/L	NA	<	10			<	10	<	10	<	25		144	<	100	<	100	<	10	<	5
Thionazin	µg/L	NA	<	20			<	20	<	20	<	50		0.071	<	200	<	200	<	20	<	10
o-Toluidine	µg/L	5	<	10			<	10	<	10	<	25		5300	<	100	<	100	<	10	<	5
p-Dimethylaminoazobenzene	µg/L	NA	<	10			<	10	<	10	<	25		52.2	<	100	<	100	<	10	<	5
p-Phenylenediamine	µg/L	5	<	10			<	10	<	10	<	25		8.13	<	100	<	100	<	10	<	5
2,4,5-T	µg/L	35	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4-D	µg/L	4.4	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4,4´-DDD	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
4,4´-DDE	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
4,4´-DDT	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Aldrin	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
Aroclor 1016	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Aroclor 1221	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Aroclor 1232	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Aroclor 1242	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Aroclor 1248	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Aroclor 1254	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Aroclor 1260	µg/L	0.1	<	1			<	1	<	2	<	1	<	2	<	1	<	1	<	10	<	10
Dicamba	µg/L	NA	<	1			<	1	<	1	<	1	<	1	<	1						
Dieldrin	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Dinoseb	µg/L	1	<	1			<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Endosulfan I	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
Endosulfan II	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Endosulfan sulfate	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Endrin	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Endrin aldehyde	µg/L	5	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Endrin ketone	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.2	<	0.1	<	0.1	<	1	<	1
Heptachlor	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
Heptachlor epoxide	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
Methoxychlor	µg/L	35	<	0.5			<	0.5	<	1	<	0.5	<	1	<	0.5	<	0.5	<	5	<	5
Toxaphene	µg/L	NA	<	5			<	5	<	10	<	5	<	10	<	5	<	5	<	50	<	50
alpha-BHC	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
alpha-Chlordane	µg/L	0.1	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
beta-BHC	µg/L	NA	<	0.1			<	0.1	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
delta-BHC	µg/L	NA	<	0.1			<	0.1	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
gamma-BHC	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
gamma-Chlordane	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.1	<	0.05	<	0.05	<	0.5	<	0.5
Aroclor 1262	µg/L																		<	10	<	10
Aroclor 1268	µg/L																		<	10	<	10

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			Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Conductivity	umhos/cm	NA			1119		1489		1354		1690	1760	1250	4850	1446	1800		1798			2130
Dissolved Oxygen	mg/L	> 7																			
Eh	mV	NA			124		90		131		190	193.7	172.5	95	307.2	288		309			293.1
pH	SU	6.5 - 8.5			6.7		6.2		6.5		6.5	6.76	7.48	9.8	6.86	7.23		7.2			6.96
Temperature	degC	NA												13.3	10.3	14		10.5			11.6
Turbidity	NTU	5			9		19		9		7.5	9.1	17.75		9.4	13.5		9.8			78.5
Water Level	ft	NA																			
Bromide	mg/L	NA	0.1		5.1	<	0.1	<	1	<	1	u	u	7.4	1.1	1	U	1.48			3.89
Aluminum	µg/L	NA	68.1		1150		216		236		417	u	u	U	91	74	U	204		U	75
Antimony	µg/L	3		<	51.4	<	29	<	30.1	<	30.4	43	31	U	U	28	U	50	U	U	50
Arsenic	µg/L	25	5		5.6	<	5.5	<	3.6		4.8	u	u	U	U	2	U	2	U	U	2
Barium	µg/L	1000	143		205		202		205		199	192	155	320	227	177		134			304
Beryllium	µg/L	3	1	<	0.7	<	0.9	<	0.9	<	0.7	u	u	U	U	2	U	2	U	U	2
Cadmium	µg/L	10	2	<	2.9	<	2.1	<	3.1	<	2.4	u	u	U	U	5	U	12		U	5
Calcium	µg/L	NA	178000		170000		268000		196000		213000	198000	176000	398000	138000	166000		161000			199000
Chromium	µg/L	50	5.8	<	7.2	<	5.3	<	5.7	<	5.8	14	u	U	U	10	U	15		U	10
Cobalt	µg/L	NA		<	15.9	<	11.4	<	11	<	8.7	u	u	U	U	10	U	10	U	U	10
Copper	µg/L	200	4		79.1		64.8		46.8	<	5.9	u	u	18	U	17	U	17	U	U	17
Hardness, Total (mg/l CaCO3)	mg/l	NA	614		692		1020		803		844	817	717	1540	536	668		661			786
Iron	µg/L	300	mg/l		56700		2680		1010		3760	1110	2570	3650	2880	2130		1680			2080
Lead	µg/L	25	3		4.1	<	3	<	2.3	<	2.4	6	u	2	2	1	U	2		U	1
Magnesium	µg/L	35000	45500		64900		86000		76300		75900	78400	67500	133000	46400	61700		62800			70200
Manganese	µg/L	300	337		1210		934		810		2530	1380	896	2130	879	79		45			1300
Mercury	µg/L	2	0.2	<	0.04	<	0.2	<	0.08	<	0.2	u	u	U	U	0.2	U	0.2	U	U	0.2
Nickel	µg/L	NA	27	<	16.3	<	14.4	<	10.5	<	11.8	14	u	26	U	12	U	21			22
Potassium	µg/L	NA	2720		1150	<	456		4450		5730	11800	5960	96800	27900	24500		29000			51600
Selenium	µg/L	10		<	1.9	<	14	<	13.5	<	3.4	u	u	U	U	2	U	2	U	U	2
Silver	µg/L	50			33.9	<	5.7	<	3.5	<	4.3	u	u	U	U	10	U	10	U	U	10
Sodium	µg/L	20000	20800		32600		37400		36100		45100	63600	48700	187000	64200	91700		89300			110000
Thallium	µg/L	4		<	3.8	<	4	<	4.6	<	7.7	u	u	U	U	1	U	1	U	U	1
Tin	µg/L	NA			25		454		242		133.8	u	u		U	800	U	800	U	U	800
Vanadium	µg/L	NA		<	8	<	8.3	<	9.8	<	8.1	4	u	U	U	5	U	10	U	U	10
Zinc	µg/L	300	18.3		165		82.6		28.8		26.2	28	28	40	120	76		26			30
Boron	µg/L	1	100		41.2		94.3		311		386.4	318	132	1750	18900	355		349			475
1,1,1,2-Tetrachloroethane	µg/L	5																		U	5
1,1,1-Trichloroethane	µg/L	5																		U	5
1,1,2,2-Tetrachloroethane	µg/L	5																		U	5
1,1,2-Trichloroethane	µg/L	5																		U	5
1,1-Dichloroethane	µg/L	5		<	MDL					<	MDL	MDL	MDL		< MDL	< MDL			U	U	5
1,1-Dichloroethene	µg/L	5					0.031													U	5
1,1-Dichloropropene	µg/L	5																			
1,2,3-Trichloropropane	µg/L	5																		U	5
1,2-Dibromo-3-chloropropane	µg/L	5	2																	U	5
1,2-Dibromoethane	µg/L	5												6						U	5
1,2-Dichlorobenzene	µg/L	4.7				<	MDL			<	MDL		MDL		< MDL	< MDL			U	U	2
1,2-Dichloroethane	µg/L	5							0.01											U	5
1,2-Dichloropropane	µg/L	5		<	MDL							MDL	MDL	< MDL	< MDL	< MDL			U	U	5
1,3-Dichlorobenzene	µg/L	5																			
1,3-Dichloropropane	µg/L	5																			
1,4-Dichlorobenzene	µg/L	4.7			52				2					1.8 J						U	2
2,2-Dichloropropane	µg/L	5																			
2-Butanone	µg/L	50																			
2-Hexanone	µg/L	50									0.091									U	10
4-Methyl-2-pentanone	µg/L	NA																			

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			Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Acetone	µg/L	50	2																		
Acetonitrile	µg/L	NA									21					26				U	20
Acrolein	µg/L	5																			
Acrylonitrile	µg/L	5																			
Allyl chloride	µg/L	5																			
Benzene	µg/L	0.7												43						U	0.7
Bromochloromethane	µg/L	5	3		2									9						U	5
Bromodichloromethane	µg/L	50												16		400				U	5
Bromoform	µg/L	50	2																	U	5
Bromomethane	µg/L	NA										MDL	MDL	< MDL	< MDL	MDL			U	U	5
Carbon disulfide	µg/L	NA												40		9				U	5
Carbon tetrachloride	µg/L	5	1																	U	5
Chlorobenzene	µg/L	5	5				10													U	5
Chloroethane	µg/L	5			21		35		7		3									U	5
Chloroform	µg/L	7	19		18		60													U	5
Chloromethane	µg/L	5																		U	5
Chloroprene	µg/L	5																			
cis-1,2-Dichloroethene	µg/L	5					0.013													U	5
cis-1,3-Dichloropropene	µg/L	5					0.082		0.21		0.26									U	5
Dibromochloromethane	µg/L	50	7				19		14		8	6		7						U	5
Dibromomethane	µg/L	NA																		U	5
Dichlorodifluoromethane	µg/L	5																			
Ethyl Methacrylate	µg/L	NA																			
Ethylbenzene	µg/L	5									0.06									U	5
Iodomethane	µg/L	5																		U	5
Isobutyl Alcohol	µg/L	NA																			
m,p-Xylene	µg/L	NA																		U	5
Methacrylonitrile	µg/L	5																			
Methyl Methacrylate	µg/L	50																			
Methylene chloride	µg/L	5																			16
o-Xylene	µg/L	5																		U	5
Propionitrile	µg/L	NA																			
Styrene	µg/L	5																		U	5
Tetrachloroethene	µg/L	5																		U	5
Toluene	µg/L	5																			10
trans-1,2-Dichloroethene	µg/L	5							0.017											U	5
trans-1,3-Dichloropropene	µg/L	5									0.046									U	5
trans-1,4-Dichloro-2-butene	µg/L	5										1.6								U	5
Trichloroethene	µg/L	5																		U	5
Trichlorofluoromethane	µg/L	5																		U	5
Vinyl acetate	µg/L	NA																		U	10
Vinyl chloride	µg/L	2																		U	2
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA	557		520		655		675		735	775	587	901	473	456		535			482
Biochemical Oxygen Demand	mg/L	NA	3	<	2		5		9		8	u	u	U	U	3	U	3	U		42
Chemical Oxygen Demand	mg/L	NA	41		11.7		6.5		9.5		23.3	34.3	u	91.1	16.3	5	U	13.2			65.5
Chloride	mg/L	250	7		12		18		21		40	106	49.4	995	203	255		242			358
Color	UNITS	15			35		50		25		10	35	45	50	60	10		20			60
Cyanide	µg/L	100		<	0.01	<	0.01	<	0.01	<	0.01	u	0.01	U	U	0.01	U	0.01	U	U	0.01
Hexavalent chromium	mg/L	0.05	0.11	<	0.02	<	0.02	<	0.02	<	0.02	u	u	U	U	0.01	U	0.01	U	U	0.01
Nitrogen, Ammonia (As N)	mg/L	2	0.05	<	0.1		0.186		1.74		1.32	3.79	1.06	8.66	2.28	3.39		0.622			1.42
Nitrogen, Kjeldahl, Total	mg/L	NA	0.3		2.8	<	1		2.5		2.8	4.75	u	11	3.31	1.88		1.48			2.7
Nitrogen, Nitrate (As N)	mg/L	10	0.08		0.343	<	0.02	<	0.2	<	0.02	u	u	U	2.16	7.93		5.32			7.48
Organic Carbon, Total	mg/L	NA	3.1		2.8		2.9		4.9		16	7.5	4.1	12	5.2	3		5.1			22
Phenolics, Total Recoverable	mg/L	0.001	0.00005	<	0.002	<	0.002	<	0.002	<	0.002	0.003	0.162	0.009	0.004	0.001	U	0.005	U	U	0.004
Residue, Dissolved (TDS)	mg/L	500	1010		695		865		843		828	1010	854	2690	903	988		1120			1410
Sulfate	mg/L	250	69		82		260		144		55	95	160	250	140	160		260			190
Sulfide	mg/L	NA																			
(3+4)-Methylphenol	µg/L	1																			

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			Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
1,2,4,5-Tetrachlorobenzene	µg/L	5																			
1,2,4-Trichlorobenzene	µg/L	5																			
1,3-Dinitrobenzene	µg/L	NA																			
1,3,5-Trinitrobenzene	µg/L	5																			
1,4-Napthoquinone	µg/L	NA																			
1-Naphthylamine	µg/L	NA																			
2,3,4,6-Tetrachlorophenol	µg/L	1																			
2,4,5-Trichlorophenol	µg/L	1																			
2,4,6-Trichlorophenol	µg/L	1																			
2,4-Dichlorophenol	µg/L	1																			
2,4-Dimethylphenol	µg/L	1																			
2,4-Dinitrophenol	µg/L	1																			
2,4-Dinitrotoluene	µg/L	5																			
2,6-Dichlorophenol	µg/L	1																			
2,6-Dinitrotoluene	µg/L	5																			
2-Acetylaminofluorene	µg/L	NA																			
2-Chloronaphthalene	µg/L	10																			
2-Chlorophenol	µg/L	1																			
2-Methylnaphthalene	µg/L	NA																			
2-Methylphenol	µg/L	1																			
2-Naphthylamine	µg/L	NA																			
2-Nitroaniline	µg/L	5																			
2-Nitrophenol	µg/L	1																			
3,3´-Dichlorobenzidine	µg/L	5																			
3,3´-Dimethylbenzidine	µg/L	5																			
3-Methylcholanthrene	µg/L	NA																			
3-Nitroaniline	µg/L	5																			
4,6-Dinitro-2-methylphenol	µg/L	1																			
4-Aminobiphenyl	µg/L	5																			
4-Bromophenyl phenyl ether	µg/L	NA																			
4-Chloro-3-methylphenol	µg/L	1																			
4-Chloroaniline	µg/L	5																			
4-Chlorophenyl phenyl ether	µg/L	NA																			
4-Nitroaniline	µg/L	5																			
4-Nitrophenol	µg/L	1																			
5-Nitro-o-toluidine	µg/L	5																			
7,12-Dimethylbenz(a)anthracene	µg/L	NA																			
Acenaphthene	µg/L	20																			
Acenaphthylene	µg/L	NA																			
Acetophenone	µg/L	NA																			
Anthracene	µg/L	50																			
Benzo(a)pyrene	µg/L	NA																			
Benzo(b)fluoranthene	µg/L	0.002																			
Benzo(g,h,i)perylene	µg/L	NA																			
Benzo(k)fluoranthene	µg/L	0.002																			
Benzyl alcohol	µg/L	NA																			
Bis(2-chloroethoxy)methane	µg/L	5																			

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			Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Bis(2-chloroethyl)ether	µg/L	1																			
Bis(2-chloroisopropyl)ether	µg/L	5																			
Bis(2-ethylhexyl)phthalate	µg/L	50																			
Butyl benzyl phthalate	µg/L	50																			
Chlorobenzilate	µg/L	NA																			
Chrysene	µg/L	0.002																			
Di-n-butyl phthalate	µg/L	50																			
Di-n-octyl phthalate	µg/L	50																			
Diallate	µg/L	NA																			
Dibenz(a,h)anthracene	µg/L	NA																			
Dibenzofuran	µg/L	NA																			
Diethyl phthalate	µg/L	50																			
Dimethoate	µg/L	NA																			
Dimethyl phthalate	µg/L	50																			
Diphenylamine	µg/L	5																			
Disulfoton	µg/L	NA																			
Ethyl methanesulfonate	µg/L	NA																			
Famphur	µg/L	NA																			
Fluoranthene	µg/L	50																			
Fluorene	µg/L	50																			
Hexachlorobenzene	µg/L	0.35																			
Hexachlorobutadiene	µg/L	5																			
Hexachlorocyclopentadiene	µg/L	5																			
Hexachloroethane	µg/L	5																			
Hexachloropropene	µg/L	5																			
Indeno(1,2,3-cd)pyrene	µg/L	0.002																			
Isodrin	µg/L	5																			
Isophorone	µg/L	50																			
Isosafrole	µg/L	NA																			
Kepone	µg/L	NA																			
Methapyrilene	µg/L	NA																			
Methyl methanesulfonate	µg/L	NA																			
Methyl parathion	µg/L	1.5																			
N-Nitroso-di-n-butylamine	µg/L	NA																			
N-Nitrosodi-n-propylamine	µg/L	NA																			
N-Nitrosodiethylamine	µg/L	NA																			
N-Nitrosodimethylamine	µg/L	NA																			
N-Nitrosodiphenylamine	µg/L	50																			
N-Nitrosomethylethylamine	µg/L	NA																			
N-Nitrosopiperidine	µg/L	NA																			
N-Nitrosopyrrolidine	µg/L	NA																			
Naphthalene	µg/L	10																			
Nitrobenzene	µg/L	5																			
O,O,O-Triethylphosphorothioate	µg/L	NA																			
Pentachlorobenzene	µg/L	5																			
Pentachloronitrobenzene	µg/L	NA																			
Pentachlorophenol	µg/L	1																			

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.	SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2	SLCRS-2	SLCRS-2	SLCRS-2	SLCRS-2	SCLRS-2		SCLRS-2			SCLRS-2
			Jan-95		May-95		Nov-95		May-96		Nov-96	Jun-97	Nov-97	May-98	Nov-98	May-99	Q	Nov-99	Q	Q	Aug-00
Phenacetin	µg/L	NA																			
Phenanthrene	µg/L	50																			
Phenol	µg/L	1																			
Phorate	µg/L	NA																			
Pronamide	µg/L	NA																			
Pyrene	µg/L	50																			
Safrole	µg/L	NA																			
Thionazin	µg/L	NA																			
o-Toluidine	µg/L	5																			
p-Dimethylaminoazobenzene	µg/L	NA																			
p-Phenylenediamine	µg/L	5																			
2,4,5-T	µg/L	35																			
2,4,5-TP (Silvex)	µg/L	0.26																			
2,4-D	µg/L	4.4																			
4,4´-DDD	µg/L	NA																			
4,4´-DDE	µg/L	NA																			
4,4´-DDT	µg/L	NA																			
Aldrin	µg/L	NA																			
Aroclor 1016	µg/L	0.1																			
Aroclor 1221	µg/L	0.1																			
Aroclor 1232	µg/L	0.1																			
Aroclor 1242	µg/L	0.1																			
Aroclor 1248	µg/L	0.1																			
Aroclor 1254	µg/L	0.1																			
Aroclor 1260	µg/L	0.1																			
Dicamba	µg/L	NA																			
Dieldrin	µg/L	NA																			
Dinoseb	µg/L	1																			
Endosulfan I	µg/L	NA																			
Endosulfan II	µg/L	NA																			
Endosulfan sulfate	µg/L	NA																			
Endrin	µg/L	NA																			
Endrin aldehyde	µg/L	5																			
Endrin ketone	µg/L	NA																			
Heptachlor	µg/L	NA																			
Heptachlor epoxide	µg/L	NA																			
Methoxychlor	µg/L	35																			
Toxaphene	µg/L	NA																			
alpha-BHC	µg/L	NA																			
alpha-Chlordane	µg/L	0.1																			
beta-BHC	µg/L	NA																			
delta-BHC	µg/L	NA																			
gamma-BHC	µg/L	NA																			
gamma-Chlordane	µg/L	NA																			
Aroclor 1262	µg/L																				
Aroclor 1268	µg/L																				

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.		SCLRS-2		SCLRS-2		SCLRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2
			Q	Nov-00	Q	Feb-01	Q	May-01	Q	Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Conductivity	umhos/cm	NA		4430		4430		2690		8750		4430		7620		5900		4600		6310		6732		1343		10740
Dissolved Oxygen	mg/L	> 7														2.30		2.30		1.9		2.1		2.1		2.2
Eh	mV	NA		155		155		177.7		10		24		45		14		55				160		-20		-30
pH	SU	6.5 - 8.5		7.41		7.41		6.76		7.23		6.9		7.78		7.14		7.37		7.12		7.6		7.28		7.76
Temperature	degC	NA		8.3		8.3		13.1		15.4		13		12		12		10		16		13		12		7.6
Turbidity	NTU	5		11		11		1.5		48		20		25		10		28		27		40		5		3.46
Water Level	ft	NA																								
Bromide	mg/L	NA		9.71		9.71		3.93	<	0.1									<	20.00000	<	2	<	2		9.9
Aluminum	µg/L	NA	U	75	U	75	U	75	<	100	<	100		127		109	<	100		175	<	100	<	100		350
Antimony	µg/L	3	U	50	U	50	U	50	<	15	<	15	<	15	<	15	<	15		27.4		33.5	<	15	<	15
Arsenic	µg/L	25	U	2	U	2	U	2	<	10	<	10	<	10	<	10	<	10	<	0.50000	<	10	<	10	<	10
Barium	µg/L	1000		567		567		266		1520		508		768		330		246		378		251		123		154
Beryllium	µg/L	3	U	2	U	2	U	2	<	3	<	3	<	3	<	3	<	3	<	3.00000	<	3	<	3	<	3
Cadmium	µg/L	10	U	5	U	5	U	5	<	5	<	5	<	5	<	5	<	5		0.66	<	5	<	5	<	5
Calcium	µg/L	NA		211000		211000		211000		455000		319000		418000		343000		268000		394000		302000		124000		190000
Chromium	µg/L	50		16		16		10		30.9		13.1		26.6		9.56	<	5		4.68		3.6		6.08		5.7
Cobalt	µg/L	NA	U	10	U	10		14		69.6	<	20	<	20	<	20	<	20		15.8	<	20	<	20	<	20
Copper	µg/L	200		24		24		24		38.3	<	10	<	10		14.9	<	10		56.4		29.5		21.2		39.8
Hardness, Total (mg/l CaCO3)	mg/l	NA		943		943		837		2020						1500		1200		1800		1350		615		989
Iron	µg/L	300		720		720		193		3340		3560		18500		1210		990		203		90.6		609		1600
Lead	µg/L	25		1		1		10	<	3	<	3	<	3	<	3	<	3		3.25	<	3	<	3	<	3
Magnesium	µg/L	35000		101000		101000		75200		214000		142000		196000		159000		119000		189000		145000		74400		125000
Manganese	µg/L	300		167		167		8		5210		3800		965		153		121		6.35	<	10		14.3		112
Mercury	µg/L	2	U	0.2	U	0.2	U	0.2	<	0.2	<	0.2		0.24	<	0.2	<	2	<	0.20000	<	0.2	<	0.2	<	0.2
Nickel	µg/L	NA		25		25	U	12		136		63.4		42.8		54.2		37.1		66.1		55.1	<	30		46.5
Potassium	µg/L	NA		143000		143000		79700		650000		258000		514000		290000		203000		448000		316000		67300		208000
Selenium	µg/L	10	U	2	U	2	U	2	<	5	<	5	<	5	<	5	<	5	<	0.50000	<	5	<	5		10.2
Silver	µg/L	50	U	10	U	10	U	10	<	10	<	10	<	10		228	<	10		2.71	<	10	<	10	<	10
Sodium	µg/L	20000		237000		237000		171000		941000		434000		678000		722000		524000		768000		507000		112000		594000
Thallium	µg/L	4	U	1	U	1	U	1	<	10	<	10	<	10	<	10	<	300	<	0.30000	<	10	<	10		13.2
Tin	µg/L	NA	U	800	U	800	U	800	<	0.03									<	0.30000	<	300	<	300	<	300
Vanadium	µg/L	NA	U	10	U	10	U	10	<	30	<	30	<	30	<	30	<	30		0.95	<	30	<	30	<	30
Zinc	µg/L	300	U	20	U	20		23		120		24.1		65.9		29.9		25.3		56.4		20.5		33.8		27.8
Boron	µg/L	1		1400		1400		880		6820		3600		700		3400		3000		4910		3840		825		2620
1,1,1,2-Tetrachloroethane	µg/L	5	U	5	U	5	U	5	<	10	<	3000	<	3000	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
1,1,1-Trichloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	10	<	1000	<	500	<	500	<	5.00000	<	5	<	5	<	5
1,1,2,2-Tetrachloroethane	µg/L	5	U	5	U	5	U	5	<	1000	<	5	<	500	<	100000	<	100000	<	5.00000	<	5	<	5	<	5
1,1,2-Trichloroethane	µg/L	5	U	5	U	5	U	5	<	10	<	1000	<	100000	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
1,1-Dichloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	10	<	1000	<	500	<	500	<	5.00000	<	5	<	5	<	5
1,1-Dichloroethene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
1,1-Dichloropropene	µg/L	5									<	5	<	500					<	5.00000	<	5	<	5	<	5
1,2,3-Trichloropropane	µg/L	5	U	5	U	5	U	5	<	10					<	1000	<	1000	<	5.00000	<	5	<	5	<	5
1,2-Dibromo-3-chloropropane	µg/L	5	U	5	U	5	U	5	<	5	<	10	<	1000	<	500	<	500	<	10.00000	<	10	<	10	<	10
1,2-Dibromoethane	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500		610		610	<	5.00000	<	5	<	5	<	5
1,2-Dichlorobenzene	µg/L	4.7	U	2	U	2	U	2	<	10	<	5		610	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
1,2-Dichloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	10	<	1000	<	500	<	500	<	5.00000	<	5	<	5	<	5
1,2-Dichloropropane	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
1,3-Dichlorobenzene	µg/L	5									<	5	<	500					<	5.00000	<	5	<	5	<	5
1,3-Dichloropropane	µg/L	5																	<	5.00000	<	5	<	5	<	5
1,4-Dichlorobenzene	µg/L	4.7	U	2	U	2	U	2	<	5					<	500	<	500	<	5.00000	<	5	<	5	<	5
2,2-Dichloropropane	µg/L	5									<	5	<	500					<	5.00000	<	5	<	5	<	5
2-Butanone	µg/L	50																	<	10.00000	<	10	<	10	<	10
2-Hexanone	µg/L	50	U	10	U	10	U	10	<	5					<	500	<	500	<	10.00000	<	10	<	10	<	10
4-Methyl-2-pentanone	µg/L	NA									<	5	<	500					<	10.00000	<	10	<	10	<	10

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HISTORICAL DATABASE
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Parameter	Units	GW Std.		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2
			Q	Nov-00	Q	Feb-01	Q	May-01	Q	Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Acetone	µg/L	50		27		27	U	25	<	10					<	1000	<	1000	<	10.00000	<	10	<	10	<	10
Acetonitrile	µg/L	NA	U	20	U	20	U	20	<	100		54	<	1000	<	10000	<	10000	<	100.00000	<	100	<	100	<	100
Acrolein	µg/L	5									<	100	<	10000					<	100.00000	<	100	<	100	<	100
Acrylonitrile	µg/L	5																	<	100.00000	<	100	<	100	<	100
Allyl chloride	µg/L	5																	<	5.00000	<	5	<	5	<	5
Benzene	µg/L	0.7	U	0.7	U	0.7	U	0.7	<	100					<	10000	<	10000	<	5.00000	<	5	<	5	<	5
Bromochloromethane	µg/L	5	U	5	U	5	U	5	<	100	<	100	<	10000	<	10000	<	10000	<	5.00000	<	5	<	5	<	5
Bromodichloromethane	µg/L	50	U	5	U	5	U	5	<	5	<	100	<	10000	<	500	<	500	<	5.00000	<	5	<	5	<	5
Bromoform	µg/L	50	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Bromomethane	µg/L	NA	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Carbon disulfide	µg/L	NA	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Carbon tetrachloride	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Chlorobenzene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Chloroethane	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Chloroform	µg/L	7	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000		1	<	5	<	5
Chloromethane	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Chloroprene	µg/L	5									<	5	<	500					<	10.00000	<	10	<	10	<	10
cis-1,2-Dichloroethene	µg/L	5	U	5	U	5	U	5	<	10					<	1000	<	1000	<	5.00000	<	5	<	5	<	5
cis-1,3-Dichloropropene	µg/L	5	U	5	U	5	U	5	<	5	<	10	<	1000	<	500	<	500	<	5.00000	<	5	<	5	<	5
Dibromochloromethane	µg/L	50	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Dibromomethane	µg/L	NA	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Dichlorodifluoromethane	µg/L	5									<	5	<	500					<	5.00000	<	5	<	5	<	5
Ethyl Methacrylate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Ethylbenzene	µg/L	5	U	5	U	5	U	5	<	5					<	500	<	500	<	5.00000	<	5	<	5	<	5
Iodomethane	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Isobutyl Alcohol	µg/L	NA									<	5	<	500					<	1000.00000	<	1000	<	1000	<	1000
m,p-Xylene	µg/L	NA	U	5	U	5	U	5	<	100					<	10000	<	10000	<	5.00000	<	5	<	5	<	5
Methacrylonitrile	µg/L	5									<	100	<	10000					<	10.00000	<	10	<	10	<	10
Methyl Methacrylate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Methylene chloride	µg/L	5	U	5	U	5	U	5	<	5					<	500	<	500	<	1		6	<	5	<	5
o-Xylene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Propionitrile	µg/L	NA									<	5	<	500					<	100.00000	<	100	<	100	<	100
Styrene	µg/L	5	U	5	U	5	U	5	<	10					<	1000	<	1000	<	5.00000	<	5	<	5	<	5
Tetrachloroethene	µg/L	5	U	5	U	5	U	5	<	10	<	10	<	1000	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
Toluene	µg/L	5	U	5	U	5	U	5	<	5	<	10	<	1000	<	500	<	500	<	5.00000	<	5	<	5	<	5
trans-1,2-Dichloroethene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
trans-1,3-Dichloropropene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
trans-1,4-Dichloro-2-butene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	10.00000	<	10	<	10	<	10
Trichloroethene	µg/L	5	U	5	U	5	U	5	<	5	<	5	<	500	<	500	<	500	<	5.00000	<	5	<	5	<	5
Trichlorofluoromethane	µg/L	5	U	5	U	5	U	5	<	10	<	5	<	500	<	1000	<	1000	<	5.00000	<	5	<	5	<	5
Vinyl acetate	µg/L	NA	U	10	U	10	U	10	<	5	<	10	<	1000	<	500	<	500	<	50.00000	<	50	<	50	<	50
Vinyl chloride	µg/L	2	U	2	U	2	U	2	<	5	<	5	<	500	<	500	<	500		1	<	5	<	5	<	5
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		381		381		589		660	<	5	<	500		560		370		530		190		340		350
Biochemical Oxygen Demand	mg/L	NA	U	3	U	3	U	3	<	4		390		1300	<	4		6	<	4.00000	<	4	<	4	<	4
Chemical Oxygen Demand	mg/L	NA		39.6		39.6	U	10		250	<	24		480		110	<	20		81	<	20		25	<	20
Chloride	mg/L	250		785		785		415		2800		130		1000		2500		1200		2170		2250		276		1400
Color	UNITS	15						10		64		1400		2700		55		95		75		30		30		7
Cyanide	µg/L	100	U	0.01	U	0.01	U	0.01	<	0.01		72		1500	<	0.01	<	0.01	<	10.00000	<	10	<	10	<	10
Hexavalent chromium	mg/L	0.05	U	0.01	U	0.01	U	0.01	<	0.00001	<	0.01	<	0.01	<	0.01		0.01	<	0.01000	<	0.01	<	0.01	<	0.01
Nitrogen, Ammonia (As N)	mg/L	2		0.122		0.122	U	0.1		44	<	0.01	<	0.01		1.4		2.5	<	0.50000		1.32	<	0.5		2.8
Nitrogen, Kjeldahl, Total	mg/L	NA		2		2	U	1		41		2.5		110		2.3		2.3		1.9		1.32	<	0.5		3.79
Nitrogen, Nitrate (As N)	mg/L	10		28.6		28.6		25.7		55		6.8		120		32		37		120		35		1.7		37
Organic Carbon, Total	mg/L	NA		9.7		9.7		6.6		65		55	<	0.2		19		19		32		9		12		13
Phenolics, Total Recoverable	mg/L	0.001		0.0044		0.0044		0.0224	<	0.005		36		340	<	0.0005	<	0.005	<	0.00500	<	0.005	<	0.005	<	0.005
Residue, Dissolved (TDS)	mg/L	500		2180		2180		1670		6800	<	0.005		0.22		4000		3100		5860	<	25		1240		3270
Sulfate	mg/L	250		230		230		174		200		3300		6200		280		500		326		506		161		362
Sulfide	mg/L	NA										240		310					<	0.10000	<	0.1	<	0.1	<	0.1
(3+4)-Methylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10

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Parameter	Units	GW Std.		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2		SCLRS-2
			Q	Nov-00	Q	Feb-01	Q	May-01	Q	Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
1,2,4,5-Tetrachlorobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
1,2,4-Trichlorobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
1,3-Dinitrobenzene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
1,3,5-Trinitrobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
1,4-Napthoquinone	µg/L	NA																	<	10.00000	<	10	<	10	<	10
1-Naphthylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
2,3,4,6-Tetrachlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4,5-Trichlorophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
2,4,6-Trichlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4-Dichlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4-Dimethylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,4-Dinitrophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
2,4-Dinitrotoluene	µg/L	5																	<	10.00000	<	10	<	10	<	10
2,6-Dichlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2,6-Dinitrotoluene	µg/L	5																	<	10.00000	<	10	<	10	<	10
2-Acetylaminofluorene	µg/L	NA																	<	20.00000	<	20	<	20	<	20
2-Chloronaphthalene	µg/L	10																	<	10.00000	<	10	<	10	<	10
2-Chlorophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2-Methylnaphthalene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
2-Methylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
2-Naphthylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
2-Nitroaniline	µg/L	5																	<	25.00000	<	25	<	25	<	25
2-Nitrophenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
3,3´-Dichlorobenzidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
3,3´-Dimethylbenzidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
3-Methylcholanthrene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
3-Nitroaniline	µg/L	5																	<	25.00000	<	25	<	25	<	25
4,6-Dinitro-2-methylphenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
4-Aminobiphenyl	µg/L	5																	<	20.00000	<	20	<	20	<	20
4-Bromophenyl phenyl ether	µg/L	NA																	<	10.00000	<	10	<	10	<	10
4-Chloro-3-methylphenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
4-Chloroaniline	µg/L	5																	<	10.00000	<	10	<	10	<	10
4-Chlorophenyl phenyl ether	µg/L	NA																	<	10.00000	<	10	<	10	<	10
4-Nitroaniline	µg/L	5																	<	25.00000	<	25	<	25	<	25
4-Nitrophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25
5-Nitro-o-toluidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
7,12-Dimethylbenz(a)anthracene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Acenaphthene	µg/L	20																	<	10.00000	<	10	<	10	<	10
Acenaphthylene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Acetophenone	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Anthracene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Benzo(a)pyrene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Benzo(b)fluoranthene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Benzo(g,h,i)perylene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Benzo(k)fluoranthene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Benzyl alcohol	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Bis(2-chloroethoxy)methane	µg/L	5																	<	10.00000	<	10	<	10	<	10

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			Q	Nov-00	Q	Feb-01	Q	May-01	Q	Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Bis(2-chloroethyl)ether	µg/L	1																	<	10.00000	<	10	<	10	<	10
Bis(2-chloroisopropyl)ether	µg/L	5																	<	10.00000	<	10	<	10	<	10
Bis(2-ethylhexyl)phthalate	µg/L	50																		8		2	<	10	<	10
Butyl benzyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Chlorobenzilate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Chrysene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Di-n-butyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Di-n-octyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Diallate	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Dibenz(a,h)anthracene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Dibenzofuran	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Diethyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Dimethoate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Dimethyl phthalate	µg/L	50																	<	10.00000	<	10	<	10	<	10
Diphenylamine	µg/L	5																	<	10.00000	<	10	<	10	<	10
Disulfoton	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Ethyl methanesulfonate	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Famphur	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Fluoranthene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Fluorene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Hexachlorobenzene	µg/L	0.35																	<	10.00000	<	10	<	10	<	10
Hexachlorobutadiene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Hexachlorocyclopentadiene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Hexachloroethane	µg/L	5																	<	10.00000	<	10	<	10	<	10
Hexachloropropene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Indeno(1,2,3-cd)pyrene	µg/L	0.002																	<	10.00000	<	10	<	10	<	10
Isodrin	µg/L	5																	<	20.00000	<	20	<	20	<	20
Isophorone	µg/L	50																	<	10.00000	<	10	<	10	<	10
Isosafrole	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Kepone	µg/L	NA																	<	25.00000	<	25	<	25	<	25
Methapyrilene	µg/L	NA																	<	100.00000	<	100	<	100	<	100
Methyl methanesulfonate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Methyl parathion	µg/L	1.5																	<	10.00000	<	10	<	10	<	10
N-Nitroso-di-n-butylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosodi-n-propylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosodiethylamine	µg/L	NA																	<	20.00000	<	20	<	20	<	20
N-Nitrosodimethylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosodiphenylamine	µg/L	50																	<	10.00000	<	10	<	10	<	10
N-Nitrosomethylethylamine	µg/L	NA																	<	10.00000	<	10	<	10	<	10
N-Nitrosopiperidine	µg/L	NA																	<	20.00000	<	20	<	20	<	20
N-Nitrosopyrrolidine	µg/L	NA																	<	40.00000	<	40	<	40	<	40
Naphthalene	µg/L	10																	<	10.00000	<	10	<	10	<	10
Nitrobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
O,O,O-Triethylphosphorothioate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Pentachlorobenzene	µg/L	5																	<	10.00000	<	10	<	10	<	10
Pentachloronitrobenzene	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Pentachlorophenol	µg/L	1																	<	25.00000	<	25	<	25	<	25

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			Q	Nov-00	Q	Feb-01	Q	May-01	Q	Nov-01		May-02		Nov-02		May-03		Nov-03		May-04		Nov-04		May-05		Dec-05
Phenacetin	µg/L	NA																	<	20.00000	<	20	<	20	<	20
Phenanthrene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Phenol	µg/L	1																	<	10.00000	<	10	<	10	<	10
Phorate	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Pronamide	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Pyrene	µg/L	50																	<	10.00000	<	10	<	10	<	10
Safrole	µg/L	NA																	<	10.00000	<	10	<	10	<	10
Thionazin	µg/L	NA																	<	20.00000	<	20	<	20	<	20
o-Toluidine	µg/L	5																	<	10.00000	<	10	<	10	<	10
p-Dimethylaminoazobenzene	µg/L	NA																	<	10.00000	<	10	<	10	<	10
p-Phenylenediamine	µg/L	5																	<	10.00000	<	10	<	10	<	10
2,4,5-T	µg/L	35																	<	10.00000	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26																	<	10.00000	<	1	<	1	<	1
2,4-D	µg/L	4.4																	<	10.00000	<	1	<	1	<	1
4,4´-DDD	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
4,4´-DDE	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
4,4´-DDT	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Aldrin	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Aroclor 1016	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1221	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1232	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1242	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1248	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1254	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Aroclor 1260	µg/L	0.1																	<	1.00000	<	1	<	1	<	1
Dicamba	µg/L	NA																	<	10.00000	<	1	<	1	<	1
Dieldrin	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Dinoseb	µg/L	1																	<	10.00000	<	1	<	1	<	1
Endosulfan I	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Endosulfan II	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Endosulfan sulfate	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Endrin	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Endrin aldehyde	µg/L	5																	<	10.00000	<	10	<	0.1	<	0.1
Endrin ketone	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
Heptachlor	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Heptachlor epoxide	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Methoxychlor	µg/L	35																	<	50.00000	<	50	<	0.5	<	0.5
Toxaphene	µg/L	NA																	<	500.00000	<	500	<	5	<	5
alpha-BHC	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
alpha-Chlordane	µg/L	0.1																	<	5.00000	<	5	<	0.05	<	0.05
beta-BHC	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
delta-BHC	µg/L	NA																	<	10.00000	<	10	<	0.1	<	0.1
gamma-BHC	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
gamma-Chlordane	µg/L	NA																	<	5.00000	<	5	<	0.05	<	0.05
Aroclor 1262	µg/L																									
Aroclor 1268	µg/L																									

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Conductivity	umhos/cm	NA		3310		5110		6890		261		1165		1087		536		290		802		226		5043
Dissolved Oxygen	mg/L	> 7		3.01		4.34		1.98																
Eh	mV	NA		-80		15		-40		-44		17		229		178		290		163		16		-4
pH	SU	6.5 - 8.5		7.76		7.69		6.66		7.41		6.7		9.52		7.38		7.51		7.71		7.59		6.73
Temperature	degC	NA		14.9		14.2		12.9		17.7		15.4		17.2		15.8		19.2		11.2		1.8		19.1
Turbidity	NTU	5		6.57		51.1		31.5		23.3		17.5		58.6		21.5		77.7		17.8		22		3.7
Water Level	ft	NA																						
Bromide	mg/L	NA	<	20		11	<	200	<	200		54		63		39		89	<	20	<	8	<	8
Aluminum	µg/L	NA		147	<	100	<	100		108	<	100	<	100	<	100	<	100	<	100	<	100	<	100
Antimony	µg/L	3	<	15	<	15	<	15	<	15	<	30	<	30	<	30	<	50	<	50	<	50	<	5
Arsenic	µg/L	25	<	10	<	10	<	10		27.8	<	10	<	10	<	10		103	<	50	<	50		12
Barium	µg/L	1000		96.8		171		2100		2240		1800		1590		1040		2060		582		848		189
Beryllium	µg/L	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Cadmium	µg/L	10	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Calcium	µg/L	NA		189000		243000		450000		398000		381000		354000		297000		418000		192000		266000		309000
Chromium	µg/L	50	<	5		8.44		22.3		33.9		20.9		11.1		17.9		27		33.7	<	10	<	10
Cobalt	µg/L	NA	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20	<	20
Copper	µg/L	200	<	10		37.2		11	<	10	<	10	<	10		76.1	<	10	<	10		43.5	<	10
Hardness, Total (mg/l CaCO3)	mg/l	NA		778		1180000		2260000		2190000		2020000		1770000		1710000		2260000		785000		1300000		1340000
Iron	µg/L	300		675		627		6040		3770		2350		6020		1620		20500		2540		441		3560
Lead	µg/L	25	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	30	<	30	<	30	<	3
Magnesium	µg/L	35000		74600		140000		277000		291000		259000		215000		235000		295000		74300		154000		138000
Manganese	µg/L	300		48.6		20		1060		871		1030		1170		403		1350		750		429		568
Mercury	µg/L	2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2
Nickel	µg/L	NA	<	30		49.1		33.1		45.4		42.1	<	30		49.4		48.1	<	30		90.9		67.6
Potassium	µg/L	NA		99300		220000		2040000		2180000		1840000		1730000		1200000		2360000		380000		364000		180000
Selenium	µg/L	10	<	5	<	5		12.5	<	5	<	5	<	5	<	5		371		130		78		44
Silver	µg/L	50	<	10	<	10	<	10	<	10	<	10	<	10	<	10		12.2	<	10	<	10	<	10
Sodium	µg/L	20000		158000		612000		1830000		2410000		1940000		2210000		1510000		3090000		544000		924000		538000
Thallium	µg/L	4		17.3		12.3	<	10	<	10	<	10	<	10	<	10	<	30	<	30	<	30	<	3
Tin	µg/L	NA	<	300	<	30	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300	<	300
Vanadium	µg/L	NA	<	30		20.2	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30	<	30
Zinc	µg/L	300		36.4		2520	<	10	<	10	<	10	<	10		16.5	<	10	<	10		32.4		52
Boron	µg/L	1		1890	<	5		12700		19700		12000		15000		9550		17000		4940		6620		2040
1,1,1,2-Tetrachloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,1,1-Trichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,1,2,2-Tetrachloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,1,2-Trichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,1-Dichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,1-Dichloroethene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,1-Dichloropropene	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,2,3-Trichloropropane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,2-Dibromo-3-chloropropane	µg/L	5	<	10	<	5	<	50	<	250	<	250	<	25	<	250	<	200	<	100	<	50	<	50
1,2-Dibromoethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,2-Dichlorobenzene	µg/L	4.7	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,2-Dichloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,2-Dichloropropane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	50	<	25	<	25
1,3-Dichlorobenzene	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,3-Dichloropropane	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
1,4-Dichlorobenzene	µg/L	4.7	<	5	<	10	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25
2,2-Dichloropropane	µg/L	5	<	5	<	10	<	25	<	120	<	120	<	20	<	120	<	100	<	50	<	25	<	25
2-Butanone	µg/L	50	<	10	<	100	<	50	<	250	<	250	<	10	<	250	<	200	<	100	<	50	<	50
2-Hexanone	µg/L	50	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	100	<	50	<	50
4-Methyl-2-pentanone	µg/L	NA	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	100	<	50	<	50

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11		
Acetone	µg/L	50	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	100	<	50	<	50		
Acetonitrile	µg/L	NA	<	100	<	5	<	500	<	2500	<	2500	<	10	<	2500	<	2000	<	1000	<	500	<	500		
Acrolein	µg/L	5	<	100	<	5	<	500	<	2500	<	2500	<	25	<	2500	<	2000	<	1000	<	500	<	500		
Acrylonitrile	µg/L	5	<	100	<	5	<	500	<	2500	<	2500	<	10	<	2500	<	2000	<	1000	<	500	<	500		
Allyl chloride	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Benzene	µg/L	0.7	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Bromochloromethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Bromodichloromethane	µg/L	50	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	50	<	25	<	25		
Bromoform	µg/L	50	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	50	<	25	<	25		
Bromomethane	µg/L	NA	<	5	<	5	<	25	<	120	<	120	<	20	<	120	<	100	<	50	<	25	<	25		
Carbon disulfide	µg/L	NA	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Carbon tetrachloride	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Chlorobenzene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Chloroethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Chloroform	µg/L	7	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	50	<	25	<	25		
Chloromethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	25	<	120	<	100	<	50	<	25	<	25		
Chloroprene	µg/L	5	<	10	<	5	<	50	<	250	<	250	<	10	<	250	<	200	<	100	<	50	<	50		
cis-1,2-Dichloroethene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
cis-1,3-Dichloropropene	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	20	<	120	<	100	<	50	<	25	<	25		
Dibromochloromethane	µg/L	50	<	5	<	50	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Dibromomethane	µg/L	NA	<	5	<	5	<	25	<	120	<	250	<	10	<	120	<	100	<	50	<	25	<	25		
Dichlorodifluoromethane	µg/L	5	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Ethyl Methacrylate	µg/L	NA	<	10	<	5	<	50	<	250	<	120	<	10	<	250	<	200	<	100	<	50	<	50		
Ethylbenzene	µg/L	5	<	5	<	5	<	25	<	120	<	25000	<	10	<	120	<	100	<	50	<	25	<	25		
Iodomethane	µg/L	5	<	5	<	5	<	25	<	120	<	250	<	10	<	120	<	100	<	50	<	25	<	25		
Isobutyl Alcohol	µg/L	NA	<	1000	<	5	<	5000	<	25000	<	250	<	10	<	25000	<	20000	<	10000	<	5000	<	5000		
m,p-Xylene	µg/L	NA	<	5	<	5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Methacrylonitrile	µg/L	5	<	10	<	10	<	50	<	250	<	2500	<	10	<	250	<	200	<	100	<	50	<	50		
Methyl Methacrylate	µg/L	50	<	10		500	<	50	<	250	<	120	<	10	<	250	<	200	<	100	<	50	<	50		
Methylene chloride	µg/L	5	<	5	<	4	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
o-Xylene	µg/L	5	<	5		32	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Propionitrile	µg/L	NA	<	100		1260	<	500	<	2500	<	120	<	10	<	2500	<	2000	<	1000	<	500	<	500		
Styrene	µg/L	5	<	5		15	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Tetrachloroethene	µg/L	5	<	5	<	10	<	25	<	120	<	1200	<	10	<	120	<	100	<	50	<	25	<	25		
Toluene	µg/L	5	<	5	<	0.01	<	25	<	120	<	120		14	<	120	<	100	<	50	<	25	<	25		
trans-1,2-Dichloroethene	µg/L	5	<	5	<	0.5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
trans-1,3-Dichloropropene	µg/L	5	<	5	<	0.5	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
trans-1,4-Dichloro-2-butene	µg/L	5	<	10		19.4	<	50	<	250	<	120	<	10	<	250	<	200	<	100	<	50	<	50		
Trichloroethene	µg/L	5	<	5		12	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Trichlorofluoromethane	µg/L	5	<	5	<	0.005	<	25	<	120	<	120	<	10	<	120	<	100	<	50	<	25	<	25		
Vinyl acetate	µg/L	NA	<	50		3100	<	250	<	1200	<	120	<	10	<	1200	<	1000	<	500	<	250	<	250		
Vinyl chloride	µg/L	2	<	5		261	<	25	<	120	<	250	<	10	<	120	<	100	<	50	<	25	<	25		
Alkalinity, Total (As CaCO3)	mg/LCaCO3	NA		410				2400		2300		1600	<	10		1400		2100		1000		370		580		
Biochemical Oxygen Demand	mg/L	NA	<	4				17		35		29	<	10		22		35	<	8		15		13		
Chemical Oxygen Demand	mg/L	NA		36				549		678		457	<	20		391		137		170		150		97		
Chloride	mg/L	250		419				2220		9440		6760	<	20		4550		6900		1190		965		797		
Color	UNITS	15		27				300		240		300	<	10		500		300		140		250		110		
Cyanide	µg/L	100	<	10			<	10	<	0.01	<	0.01	<	10	<	10	<	10	<	10	<	10		27.8		
Hexavalent chromium	mg/L	0.05	<	0.01			<	0.01	<	0.01	<	0.01	<	10	<	0.02	<	0.01	<	0.02	<	0.04	<	0.02		
Nitrogen, Ammonia (As N)	mg/L	2	<	0.5				228		651		427	<	10		310		640		139		89.9		5.46		
Nitrogen, Kjeldahl, Total	mg/L	NA	<	0.5				195		680		414	<	10		300		559		208		118		12.6		
Nitrogen, Nitrate (As N)	mg/L	10		12				0.236	<	0.2	<	0.2	<	10		5.33		0.0739		0.36		68.8		4		
Organic Carbon, Total	mg/L	NA		16				356		215		140	<	10		61.8		168	<	3		7.9		23.6		
Phenolics, Total Recoverable	mg/L	0.001	<	0.005			<	0.05	<	0.025	<	0.025	<	10	<	0.05	<	0.05		0.068	<	0.05	<	0.005		
Residue, Dissolved (TDS)	mg/L	500		1900				10900		15500		10800	<	20		8500		12000		3200		4200		3200		
Sulfate	mg/L	250		343				66.7		51.7		118	<	10		333		260		330		332		568		
Sulfide	mg/L	NA	<	0.1			<	0.1	<	0.1	<	0.1	<	10	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1		
(3+4)-Methylphenol	µg/L	1	<	10			<	11	<	10	<	25	<	25	<	100	<	100	<	10	<	10	<	5		

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
1,2,4,5-Tetrachlorobenzene	µg/L	5	<	10			<	11	<	10	<	25	<	100	<	100	<	100	<	10	<	10	<	5
1,2,4-Trichlorobenzene	µg/L	5	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
1,3-Dinitrobenzene	µg/L	NA	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
1,3,5-Trinitrobenzene	µg/L	5	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
1,4-Napthoquinone	µg/L	NA	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
1-Naphthylamine	µg/L	NA	<	10			<	11	<	10	<	25	<	20	<	100	<	100	<	10	<	10	<	5
2,3,4,6-Tetrachlorophenol	µg/L	1	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2,4,5-Trichlorophenol	µg/L	1	<	25			<	28	<	25	<	62	<	10	<	250	<	250	<	25	<	25	<	10
2,4,6-Trichlorophenol	µg/L	1	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2,4-Dichlorophenol	µg/L	1	<	10			<	11	<	10	<	25	<	20	<	100	<	100	<	10	<	10	<	5
2,4-Dimethylphenol	µg/L	1	<	10			<	11	<	10	<	25	<	40	<	100	<	100	<	10	<	10	<	5
2,4-Dinitrophenol	µg/L	1	<	25			<	28	<	25	<	62	<	10	<	250	<	250	<	25	<	25	<	10
2,4-Dinitrotoluene	µg/L	5	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2,6-Dichlorophenol	µg/L	1	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2,6-Dinitrotoluene	µg/L	5	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2-Acetylaminofluorene	µg/L	NA	<	20			<	22	<	20	<	50	<	20	<	200	<	200	<	20	<	20	<	10
2-Chloronaphthalene	µg/L	10	<	10			<	11	<	10	<	25	<	25	<	100	<	100	<	10	<	10	<	5
2-Chlorophenol	µg/L	1	<	10			<	11	<	10	<	25	<	20	<	100	<	100	<	10	<	10	<	5
2-Methylnaphthalene	µg/L	NA	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2-Methylphenol	µg/L	1	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2-Naphthylamine	µg/L	NA	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
2-Nitroaniline	µg/L	5	<	25			<	28	<	25	<	62	<	10	<	250	<	250	<	25	<	25	<	10
2-Nitrophenol	µg/L	1	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
3,3´-Dichlorobenzidine	µg/L	5	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
3,3´-Dimethylbenzidine	µg/L	5	<	10			<	11	<	10	<	25	<	20	<	100	<	100	<	10	<	10	<	5
3-Methylcholanthrene	µg/L	NA	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
3-Nitroaniline	µg/L	5	<	25			<	28	<	25	<	62	<	10	<	250	<	250	<	25	<	25	<	10
4,6-Dinitro-2-methylphenol	µg/L	1	<	25			<	28	<	25	<	62	<	10	<	250	<	250	<	25	<	25	<	10
4-Aminobiphenyl	µg/L	5	<	20			<	22	<	20	<	50	<	120	<	200	<	200	<	20	<	20	<	10
4-Bromophenyl phenyl ether	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
4-Chloro-3-methylphenol	µg/L	1	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
4-Chloroaniline	µg/L	5	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
4-Chlorophenyl phenyl ether	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
4-Nitroaniline	µg/L	5	<	25			<	28	<	25	<	62	<	120	<	250	<	250	<	25	<	25	<	10
4-Nitrophenol	µg/L	1	<	25			<	28	<	25	<	62	<	120	<	250	<	250	<	25	<	25	<	10
5-Nitro-o-toluidine	µg/L	5	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
7,12-Dimethylbenz(a)anthracene	µg/L	NA	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
Acenaphthene	µg/L	20	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Acenaphthylene	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Acetophenone	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Anthracene	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Benzo(a)pyrene	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Benzo(b)fluoranthene	µg/L	0.002	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Benzo(g,h,i)perylene	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Benzo(k)fluoranthene	µg/L	0.002	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Benzyl alcohol	µg/L	NA	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
Bis(2-chloroethoxy)methane	µg/L	5	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5

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				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Bis(2-chloroethyl)ether	µg/L	1	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
Bis(2-chloroisopropyl)ether	µg/L	5	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
Bis(2-ethylhexyl)phthalate	µg/L	50	<	10			<	11	<	10	<	25	<	2500	<	100	<	100	<	10	<	10	<	5
Butyl benzyl phthalate	µg/L	50	<	10			<	11	<	10	<	25	<	2500	<	100	<	100	<	10	<	10	<	5
Chlorobenzilate	µg/L	NA	<	10			<	11	<	10	<	25	<	2500	<	100	<	100	<	10	<	10	<	5
Chrysene	µg/L	0.002	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Di-n-butyl phthalate	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Di-n-octyl phthalate	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Diallate	µg/L	NA	<	20			<	22	<	20	<	50	<	120	<	200	<	200	<	20	<	20	<	10
Dibenz(a,h)anthracene	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Dibenzofuran	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Diethyl phthalate	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Dimethoate	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Dimethyl phthalate	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Diphenylamine	µg/L	5	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Disulfoton	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Ethyl methanesulfonate	µg/L	NA	<	20			<	22	<	20	<	50	<	120	<	200	<	200	<	20	<	20	<	10
Famphur	µg/L	NA	<	20			<	22	<	20	<	50	<	250	<	200	<	200	<	20	<	20	<	10
Fluoranthene	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Fluorene	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Hexachlorobenzene	µg/L	0.35	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Hexachlorobutadiene	µg/L	5	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
Hexachlorocyclopentadiene	µg/L	5	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Hexachloroethane	µg/L	5	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Hexachloropropene	µg/L	5	<	10			<	11	<	10	<	25	<	25000	<	100	<	100	<	10	<	10	<	5
Indeno(1,2,3-cd)pyrene	µg/L	0.002	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
Isodrin	µg/L	5	<	20			<	22	<	20	<	50	<	250	<	200	<	200	<	20	<	20	<	10
Isophorone	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Isosafrole	µg/L	NA	<	10			<	11	<	10	<	25	<	2500	<	100	<	100	<	10	<	10	<	5
Kepone	µg/L	NA	<	25			<	28	<	25	<	62	<	120	<	250	<	250	<	25	<	25	<	10
Methapyrilene	µg/L	NA	<	100			<	110	<	100	<	250	<	120	<	1000	<	1000	<	100	<	100	<	20
Methyl methanesulfonate	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Methyl parathion	µg/L	1.5	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
N-Nitroso-di-n-butylamine	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
N-Nitrosodi-n-propylamine	µg/L	NA	<	10			<	11	<	10	<	25	<	1200	<	100	<	100	<	10	<	10	<	5
N-Nitrosodiethylamine	µg/L	NA	<	20			<	22	<	20	<	50	<	120	<	200	<	200	<	20	<	20	<	10
N-Nitrosodimethylamine	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
N-Nitrosodiphenylamine	µg/L	50	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
N-Nitrosomethylethylamine	µg/L	NA	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
N-Nitrosopiperidine	µg/L	NA	<	20			<	22	<	20	<	50	<	120	<	200	<	200	<	20	<	20	<	10
N-Nitrosopyrrolidine	µg/L	NA	<	40			<	44	<	40	<	100	<	120	<	400	<	400	<	40	<	40	<	10
Naphthalene	µg/L	10	<	10			<	11	<	10	<	25	<	120	<	100	<	100	<	10	<	10	<	5
Nitrobenzene	µg/L	5	<	10			<	11	<	10	<	25	<	250	<	100	<	100	<	10	<	10	<	5
O,O,O-Triethylphosphorothioate	µg/L	NA	<	10			<	11	<	10	<	25		2300	<	100	<	100	<	10	<	10	<	5
Pentachlorobenzene	µg/L	5	<	10			<	11	<	10	<	25		40	<	100	<	100	<	10	<	10	<	5
Pentachloronitrobenzene	µg/L	NA	<	20			<	22	<	20	<	50		685	<	200	<	200	<	20	<	20	<	10
Pentachlorophenol	µg/L	1	<	25			<	28	<	25	<	62		6500	<	250	<	250	<	25	<	25	<	10

ENVIRONMENTAL MONITORING
HISTORICAL DATABASE
FRANKLIN COUNTY LANDFILL

Parameter	Units	GW Std.		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2		SLCRS-2
				Jun-06		Nov-06		May-07		May-08		Nov-08		May-09		Aug-09		May-10		Nov-10		Jan-11		Aug-11
Phenacetin	µg/L	NA	<	20			<	22	<	20	<	50		420	<	200	<	200	<	20	<	20	<	10
Phenanthrene	µg/L	50	<	10			<	11	<	10	<	25	<	10	<	100	<	100	<	10	<	10	<	5
Phenol	µg/L	1	<	10			<	11	<	10	<	25	<	0.01	<	100	<	100	<	10	<	10	<	5
Phorate	µg/L	NA	<	10			<	11	<	10	<	25		567	<	100	<	100	<	10	<	10	<	5
Pronamide	µg/L	NA	<	10			<	11	<	10	<	25		658	<	100	<	100	<	10	<	10	<	5
Pyrene	µg/L	50	<	10			<	11	<	10	<	25		0.506	<	100	<	100	<	10	<	10	<	5
Safrole	µg/L	NA	<	10			<	11	<	10	<	25		179	<	100	<	100	<	10	<	10	<	5
Thionazin	µg/L	NA	<	20			<	22	<	20	<	50		0.069	<	200	<	200	<	20	<	20	<	10
o-Toluidine	µg/L	5	<	10			<	11	<	10	<	25		9900	<	100	<	100	<	10	<	10	<	5
p-Dimethylaminoazobenzene	µg/L	NA	<	10			<	11	<	10	<	25		193	<	100	<	100	<	10	<	10	<	5
p-Phenylenediamine	µg/L	5	<	10			<	11	<	10	<	25	<	0.1	<	100	<	100	<	10	<	10	<	5
2,4,5-T	µg/L	35	<	1			<	1.2	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4,5-TP (Silvex)	µg/L	0.26	<	1			<	1.2	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4-D	µg/L	4.4	<	1			<	1.2	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4,4´-DDD	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
4,4´-DDE	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
4,4´-DDT	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Aldrin	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
Aroclor 1016	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Aroclor 1221	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Aroclor 1232	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Aroclor 1242	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Aroclor 1248	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Aroclor 1254	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Aroclor 1260	µg/L	0.1	<	1			<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	5	<	10
Dicamba	µg/L	NA	<	1			<	1.2	<	1	<	1	<	1	<	1								
Dieldrin	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Dinoseb	µg/L	1	<	1			<	1.2	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Endosulfan I	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
Endosulfan II	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Endosulfan sulfate	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Endrin	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Endrin aldehyde	µg/L	5	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Endrin ketone	µg/L	NA	<	0.1			<	0.1	<	0.2	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.5	<	1
Heptachlor	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
Heptachlor epoxide	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
Methoxychlor	µg/L	35	<	0.5			<	0.5	<	1	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	2.5	<	5
Toxaphene	µg/L	NA	<	5			<	5	<	10	<	5	<	5	<	5	<	5	<	5	<	25	<	50
alpha-BHC	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
alpha-Chlordane	µg/L	0.1	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
beta-BHC	µg/L	NA	<	0.1			<	0.1	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
delta-BHC	µg/L	NA	<	0.1			<	0.1	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
gamma-BHC	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
gamma-Chlordane	µg/L	NA	<	0.05			<	0.05	<	0.1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.25	<	0.5
Aroclor 1262	µg/L																		<	1	<	5	<	10
Aroclor 1268	µg/L																		<	1	<	5	<	10