

TEXTOX MENU #8 - INTERMITTENT STREAM WITHIN 3 MILES OF A LAKE/RESERVOIR

The water quality-based effluent limitations developed below are calculated using:

Table 1, 2014 Texas Surface Water Quality Standards (30 TAC 307) for Freshwater Aquatic Life

Table 2, 2018 Texas Surface Water Quality Standards for Human Health

"Procedures to Implement the Texas Surface Water Quality Standards," TCEQ, June 2010

PERMIT INFORMATION

Permittee Name:	McBee Operating
TPDES Permit No:	TX0124656
Outfall No:	001
Prepared by:	Maria Okpala
Date:	03/25/2019

DISCHARGE INFORMATION

<i>Intermittent Receiving Waterbody:</i>	Unnamed Intermittent Stream
TSS (mg/L) (Intermittent):	3
pH (Standard Units) (Intermittent):	6.1
Hardness (mg/L as CaCO ₃) (Intermittent):	28
Chloride (mg/L) (Intermittent):	19
Effluent Flow for Aquatic Life (MGD)	0.0098
% Effluent for Acute Aquatic Life (Intermittent):	100
<i>Lake/Reservoir within 3 miles:</i>	Cypress Creek
Segment No.:	409
TSS (mg/L) (Lake/Reservoir):	3
pH (Standard Units) (Lake/Reservoir):	6.1
Hardness (mg/L as CaCO ₃) (Lake/Reservoir):	28
Chloride (mg/L) (Lake/Reservoir):	19
% Effluent for Chronic Aquatic Life (Lake/Reservoir):	15
% Effluent for Acute Aquatic Life (Lake/Reservoir):	60
Effluent Flow for Human Health (MGD):	0.0098
% Effluent for Human Health (Lake/Reservoir):	8
Human Health Criterion (select: PWS, FISH, or INC)	PWS

CALCULATE DISSOLVED FRACTION (AND ENTER WATER EFFECT RATIO IF APPLICABLE):

<i>Stream/River Metal</i>	<i>Intercept (b)</i>	<i>Slope (m)</i>	<i>Partition Coefficient (Kp)</i>	<i>Dissolved Fraction (Cd/Ct)</i>	<i>Water Effect Ratio</i>		
					<i>Source</i>	<i>(WER)</i>	<i>Source</i>
Aluminum	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Arsenic	5.68	-0.73	214635.47	0.608		1.00	Assumed
Cadmium	6.60	-1.13	1150410.88	0.225		1.00	Assumed
Chromium (total)	6.52	-0.93	1192002.68	0.219		1.00	Assumed
Chromium (trivalent)	6.52	-0.93	1192002.68	0.219		1.00	Assumed
Chromium (hexavalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Copper	6.02	-0.74	464440.70	0.418		1.00	Assumed
Lead	6.45	-0.80	1170315.61	0.222		1.00	Assumed
Mercury	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Nickel	5.69	-0.57	261842.95	0.560		1.00	Assumed
Selenium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Silver	6.38	-1.03	773686.66	0.301		1.00	Assumed
Zinc	6.10	-0.70	583465.42	0.364		1.00	Assumed

<i>Lake/Reservoir Metal</i>	<i>Intercept (b)</i>	<i>Slope (m)</i>	<i>Partition Coefficient (Kp)</i>	<i>Dissolved Fraction (Cd/Ct)</i>	<i>Water Effect Ratio</i>		
					<i>Source</i>	<i>(WER)</i>	<i>Source</i>

Aluminum	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Arsenic	5.68	-0.73	214635.47	0.608		1.00	Assumed
Cadmium	6.55	-0.92	1291363.32	0.205		1.00	Assumed
Chromium (total)	6.34	-0.27	1626212.37	0.170		1.00	Assumed
Chromium (trivalent)	6.34	-0.27	1626212.37	0.170		1.00	Assumed
Chromium (hexavalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Copper	6.45	-0.90	1048554.17	0.241		1.00	Assumed
Lead	6.31	-0.53	1140579.96	0.226		1.00	Assumed
Mercury	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Nickel	6.34	-0.76	949265.83	0.260		1.00	Assumed
Selenium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Silver	6.38	-1.03	773686.66	0.301		1.00	Assumed
Zinc	6.52	-0.68	1568763.76	0.175		1.00	Assumed

AQUATIC LIFE

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

Parameter	FW Acute Criterion (int. stream) (µg/L)	FW Acute Criterion (lake) (µg/L)	FW Chronic Criterion (lake) (µg/L)	WLAa (int. stream) (µg/L)	WLAa (lake) (µg/L)	WLAc (lake) (µg/L)	LTAa (int. stream) (µg/L)	LTAa (lake) (µg/L)	LTAc (lake) (µg/L)	Daily Avg. (µg/L)	Daily Max. (µg/L)
Aldrin	3.0	3.0	N/A	3.0	5.00	N/A	1.72	1.60	N/A	2.35	4.98
Aluminum	991	991	N/A	991	1652	N/A	568	529	N/A	777	1644
Arsenic	340	340	150	559	932	1644	320	298	1003	438	927
Cadmium	2.49	2.49	0.101	11.1	20.2	3.30	6.3	6.5	2.01	2.95	6.3
Carbaryl	2.0	2.0	N/A	2.0	3.33	N/A	1.15	1.07	N/A	1.57	3.32
Chlordane	2.4	2.4	0.004	2.4	4.00	0.027	1.38	1.28	0.016	0.024	0.051
Chlorpyrifos	0.083	0.083	0.041	0.083	0.138	0.273	0.048	0.044	0.167	0.065	0.138
Chromium (trivalent)	201	201	26.1	919	1968	1024	527	630	625	774	1638
Chromium (hexavalent)	15.7	15.7	10.6	15.7	26.2	70.7	9.00	8.37	43.1	12.3	26.0
Copper	4.28	4.28	3.19	10.2	29.6	88	5.9	9.5	54	8.6	18.3
Cyanide (free)	45.8	45.8	10.7	45.8	76.3	71.3	26.2	24.4	43.5	35.9	76.0
4,4'-DDT	1.1	1.1	0.001	1.1	1.83	0.0067	0.630	0.587	0.0041	0.0060	0.0126
Demeton	N/A	N/A	0.1	N/A	N/A	0.667	N/A	N/A	0.407	0.598	1.26
Diazinon	0.17	0.17	0.17	0.17	0.283	1.13	0.097	0.091	0.691	0.133	0.282
Dicofol [Kelthane]	59.3	59.3	19.8	59.3	98.8	132	34.0	31.6	80.5	46.5	98.4
Dieldrin	0.24	0.24	0.002	0.24	0.400	0.013	0.138	0.128	0.008	0.012	0.025
Diuron	210	210	70	210	350	467	120	112	285	165	348
Endosulfan I (alpha)	0.22	0.22	0.056	0.22	0.37	0.373	0.126	0.117	0.228	0.172	0.365
Endosulfan II (beta)	0.22	0.22	0.056	0.22	0.37	0.373	0.126	0.117	0.228	0.172	0.365
Endosulfan sulfate	0.22	0.22	0.056	0.22	0.37	0.373	0.126	0.117	0.228	0.172	0.365
Endrin	0.086	0.086	0.002	0.086	0.14	0.013	0.049	0.046	0.0081	0.012	0.025
Guthion [Azinphos Methyl]	N/A	N/A	0.01	N/A	N/A	0.067	N/A	N/A	0.041	0.060	0.126
Heptachlor	0.52	0.52	0.004	0.52	0.87	0.027	0.298	0.277	0.016	0.024	0.051
Hexachlorocyclohexane (gamma) [Lindane]	1.126	1.126	0.08	1.126	1.88	0.533	0.645	0.601	0.325	0.478	1.01
Lead	15.8	15.8	0.61	71	116	18.1	41	37	11.1	16.2	34
Malathion	N/A	N/A	0.01	N/A	N/A	0.067	N/A	N/A	0.041	0.060	0.126
Mercury	2.4	2.4	1.3	2.4	4.00	8.67	1.38	1.28	5.29	1.88	3.98
Methoxychlor	N/A	N/A	0.03	N/A	N/A	0.200	N/A	N/A	0.122	0.179	0.379
Mirex	N/A	N/A	0.001	N/A	N/A	0.0067	N/A	N/A	0.0041	0.0060	0.0126
Nickel	159	159	17.7	285	1023	454	163	327	277	240	508
Nonylphenol	28	28	6.6	28	46.7	44.0	16.0	14.9	26.8	22.0	46.4
Parathion (ethyl)	0.065	0.065	0.013	0.065	0.108	0.087	0.037	0.035	0.053	0.051	0.108
Pentachlorophenol	3.5	3.5	2.71	3.5	5.9	18.1	2.02	1.88	11.0	2.77	5.9
Phenanthrene	30	30	30	30	50.0	200	17.2	16.0	122.00	23.5	49.8
Polychlorinated Biphenyls [PCBs]	2.0	2.0	0.014	2.0	3.33	0.093	1.15	1.07	0.057	0.084	0.177
Selenium	20	20	5	20	33.3	33.3	11.5	10.7	20.3	15.7	33.2

Silver	0.8	0.8	N/A	5.56	3.34	N/A	3.19	1.07	N/A	1.57	3.32
Toxaphene	0.78	0.78	0.0002	0.78	1.30	0.0013	0.447	0.416	0.00081	0.0012	0.0025
Tributyltin [TBT]	0.13	0.13	0.024	0.13	0.217	0.160	0.074	0.069	0.098	0.102	0.216
2,4,5 Trichlorophenol	136	136	64	136	227	427	77.9	72.53	260	107	226
Zinc	39.9	39.9	40.2	110	379	1528	63	121	932	92	195

HUMAN HEALTH

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS

<i>Parameter</i>	<i>Water and Fish Criterion (µg/L)</i>	<i>Fish Only Criterion (µg/L)</i>	<i>Incidental Fish Criterion (µg/L)</i>	<i>WLAh (µg/L)</i>	<i>LTAh (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Acrylonitrile	1.0	115	1150	12.5	11.6	17.1	36.2
Aldrin	1.146E-05	1.147E-05	1.147E-04	1.43E-04	1.33E-04	1.96E-04	4.14E-04
Anthracene	1109	1317	13170	13863	12892	18951	40095
Antimony	6	1071	10710	75.0	69.8	103	217
Arsenic	10	N/A	N/A	205	191	281	594
Barium	2000	N/A	N/A	25000	23250	34178	72308
Benzene	5	581	5810	62.5	58.1	85.4	181
Benzidine	0.0015	0.107	1.07	0.019	0.017	0.026	0.054
Benzo(a)anthracene	0.024	0.025	0.25	0.300	0.279	0.410	0.868
Benzo(a)pyrene	0.0025	0.0025	0.025	0.031	0.029	0.043	0.090
Bis(chloromethyl)ether	0.0024	0.2745	2.745	0.030	0.028	0.041	0.087
Bis(2-chloroethyl)ether	0.60	42.83	428.3	7.50	6.98	10.3	21.7
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	6	7.55	75.5	75.0	69.8	103	217
Bromodichloromethane [Dichlorobromomethane]	10.2	275	2750	128	119	174	369
Bromoform [Tribromomethane]	66.9	1060	10600	836	778	1143	2419
Cadmium	5	N/A	N/A	305	283	416	881
Carbon Tetrachloride	4.5	46	460	56.3	52.3	76.9	163
Chlordane	0.0025	0.0025	0.025	0.031	0.029	0.043	0.090
Chlorobenzene	100	2737	27370	1250	1163	1709	3615
Chlorodibromomethane [Dibromochloromethane]	7.5	183	1830	93.8	87.2	128	271
Chloroform [Trichloromethane]	70	7697	76970	875	814	1196	2531
Chromium (hexavalent)	62	502	5020	775	721	1060	2242
Chrysene	2.45	2.52	25.2	30.6	28.5	41.9	88.6
Cresols [Methylphenols]	1041	9301	93010	13013	12102	17789	37636
Cyanide (free)	200	N/A	N/A	2500	2325	3418	7231
4,4'-DDD	0.002	0.002	0.02	0.025	0.023	0.034	0.072
4,4'-DDE	0.00013	0.00013	0.0013	0.0016	0.0015	0.0022	0.0047
4,4'-DDT	0.0004	0.0004	0.004	0.0050	0.0047	0.0068	0.0145
2,4'-D	70	N/A	N/A	875	814	1196	2531
Danitol [Fenpropathrin]	262	473	4730	3275	3046	4477	9472
1,2-Dibromoethane [Ethylene Dibromide]	0.17	4.24	42.4	2.13	1.98	2.91	6.15
<i>m</i> -Dichlorobenzene [1,3-Dichlorobenzene]	322	595	5950	4025	3743	5503	11642
<i>o</i> -Dichlorobenzene [1,2-Dichlorobenzene]	600	3299	32990	7500	6975	10253	21692
<i>p</i> -Dichlorobenzene [1,4-Dichlorobenzene]	75	N/A	N/A	938	872	1282	2712
3,3'-Dichlorobenzidine	0.79	2.24	22.4	9.88	9.18	13.5	28.6
1,2-Dichloroethane	5	364	3640	62.5	58.1	85.4	181
1,1-Dichloroethylene [1,1-Dichloroethene]	7	55114	551140	87.5	81.4	120	253
Dichloromethane [Methylene Chloride]	5	13333	133330	62.5	58.1	85.4	181
1,2-Dichloropropane	5	259	2590	62.5	58.1	85.4	181
1,3-Dichloropropene [1,3-Dichloropropylene]	2.8	119	1190	35.0	32.6	47.8	101
Dicofol [Kelthane]	0.30	0.30	3	3.75	3.49	5.13	10.8
Dieldrin	2.0E-05	2.0E-05	2.0E-04	2.50E-04	2.33E-04	3.42E-04	7.23E-04
2,4-Dimethylphenol	444	8436	84360	5550	5162	7587	16052
Di- <i>n</i> -Butyl Phthalate	88.9	92.4	924	1111	1033	1519	3214
Dioxins/Furans [TCDD Equivalents]	7.80E-08	7.97E-08	7.97E-07	9.75E-07	9.07E-07	1.33E-06	2.82E-06

Endrin	0.02	0.02	0.2	0.250	0.233	0.342	0.723
Epichlorohydrin	53.5	2013	20130	669	622	914	1934
Ethylbenzene	700	1867	18670	8750	8138	11962	25308
Ethylene Glycol	46744	1.68E+07	1.68E+08	584300	543399	798797	1689971
Fluoride	4000	N/A	N/A	50000	46500	68355	144615
Heptachlor	8.0E-05	0.0001	0.001	0.00100	0.00093	0.0014	0.0029
Heptachlor Epoxide	0.00029	0.00029	0.0029	0.0036	0.0034	0.0050	0.0105
Hexachlorobenzene	0.00068	0.00068	0.0068	0.0085	0.0079	0.012	0.025
Hexachlorobutadiene	0.21	0.22	2.2	2.63	2.44	3.59	7.59
Hexachlorocyclohexane (<i>alpha</i>)	0.0078	0.0084	0.084	0.098	0.091	0.133	0.282
Hexachlorocyclohexane (<i>beta</i>)	0.15	0.26	2.6	1.88	1.74	2.56	5.42
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	0.2	0.341	3.41	2.50	2.33	3.42	7.23
Hexachlorocyclopentadiene	10.7	11.6	116	134	124	183	387
Hexachloroethane	1.84	2.33	23.3	23.0	21.4	31.4	66.5
Hexachlorophene	2.05	2.90	29	25.6	23.8	35.0	74.1
4,4'-Isopropylidenediphenol [Bisphenol A]	1092	15982	159820	13650	12695	18661	39480
Lead	1.15	3.83	38.3	63.6	59.1	87	184
Mercury	0.0122	0.0122	0.122	0.153	0.142	0.208	0.441
Methoxychlor	2.92	3.0	30	36.5	33.9	49.9	106
Methyl Ethyl Ketone	13865	9.92E+05	9.92E+06	173313	161181	236936	501272
Methyl <i>tert</i> -butyl ether [MTBE]	15	10482	104820	188	174	256	542
Nickel	332	1140	11400	15968	14851	21830	46185
Nitrate-Nitrogen (as Total Nitrogen)	10000	N/A	N/A	125000	116250	170888	361538
Nitrobenzene	45.7	1873	18730	571	531	781	1652
N-Nitrosodiethylamine	0.0037	2.1	21	0.046	0.043	0.063	0.134
N-Nitroso-di- <i>n</i> -Butylamine	0.119	4.2	42	1.49	1.38	2.03	4.30
Pentachlorobenzene	0.348	0.355	3.55	4.35	4.05	5.95	12.6
Pentachlorophenol	0.22	0.29	2.9	2.75	2.56	3.76	7.95
Polychlorinated Biphenyls [PCBs]	6.4E-04	6.4E-04	6.40E-03	0.0080	0.0074	0.011	0.023
Pyridine	23	947	9470	288	267	393	832
Selenium	50	N/A	N/A	625	581	854	1808
1,2,4,5-Tetrachlorobenzene	0.23	0.24	2.4	2.88	2.67	3.93	8.32
1,1,2,2-Tetrachloroethane	1.64	26.35	263.5	20.5	19.1	28.0	59.3
Tetrachloroethylene [Tetrachloroethylene]	5	280	2800	62.5	58.1	85.4	181
Thallium	0.12	0.23	2.3	1.50	1.40	2.05	4.34
Toluene	1000	N/A	N/A	12500	11625	17089	36154
Toxaphene	0.011	0.011	0.11	0.138	0.128	0.188	0.398
2,4,5-TP [Silvex]	50	369	3690	625	581	854	1808
1,1,1-Trichloroethane	200	784354	7843540	2500	2325	3418	7231
1,1,2-Trichloroethane	5	166	1660	62.5	58.1	85.4	181
Trichloroethylene [Trichloroethene]	5	71.9	719	62.5	58.1	85.4	181
2,4,5-Trichlorophenol	1039	1867	18670	12988	12078	17755	37564
TTHM [Sum of Total Trihalomethanes]	80	N/A	N/A	1000	930	1367	2892
Vinyl Chloride	0.23	16.5	165	2.88	2.67	3.93	8.32

CALCULATE 70% AND 85% OF DAILY AVERAGE EFFLUENT LIMITATIONS:

	70% of	85% of
Aquatic Life	Daily Avg.	Daily Avg.
Parameter	(µg/L)	(µg/L)
Aldrin	1.65	2.00
Aluminum	544	660
Arsenic	307	372
Cadmium	2.07	2.51
Carbaryl	1.10	1.33
Chlordane	0.017	0.020
Chlorpyrifos	0.046	0.055

Chromium (trivalent)	542	658
Chromium (hexavalent)	8.62	10.5
Copper	6.0	7.3
Cyanide (free)	25.1	30.5
4,4'-DDT	0.0042	0.0051
Demeton	0.418	0.508
Diazinon	0.093	0.113
Dicofol [Kelthane]	32.5	39.5
Dieldrin	0.0084	0.0102
Diuron	115	140
Endosulfan I (<i>alpha</i>)	0.121	0.147
Endosulfan II (<i>beta</i>)	0.121	0.147
Endosulfan sulfate	0.121	0.147
Endrin	0.0084	0.0102
Guthion [Azinphos Methyl]	0.042	0.051
Heptachlor	0.017	0.020
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	0.335	0.407
Lead	11.4	13.8
Malathion	0.042	0.051
Mercury	1.32	1.60
Methoxychlor	0.126	0.152
Mirex	0.0042	0.0051
Nickel	168	204
Nonylphenol	15.4	18.7
Parathion (ethyl)	0.036	0.043
Pentachlorophenol	1.94	2.35
Phenanthrene	16.5	20.0
Polychlorinated Biphenyls [PCBs]	0.059	0.071
Selenium	11.0	13.3
Silver	1.099	1.335
Toxaphene	0.00084	0.00102
Tributyltin [TBT]	0.071	0.087
2,4,5 Trichlorophenol	74.6	90.6
Zinc	65	78

	<i>70% of</i>	<i>85% of</i>
Human Health	Daily Avg.	Daily Avg.
Parameter	(µg/L)	(µg/L)
Acrylonitrile	12.0	14.5
Aldrin	1.37E-04	1.66E-04
Anthracene	13266	16109
Antimony	71.8	87.2
Arsenic	197	239
Barium	23924	29051
Benzene	59.8	72.6
Benzidine	0.018	0.022
Benzo(<i>a</i>)anthracene	0.287	0.349
Benzo(<i>a</i>)pyrene	0.030	0.036
Bis(chloromethyl)ether	0.029	0.035
Bis(2-chloroethyl)ether	7.18	8.72
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	71.8	87.2
Bromodichloromethane [Dichlorobromomethane]	122	148
Bromoform [Tribromomethane]	800	972
Cadmium	292	354
Carbon Tetrachloride	53.8	65.4
Chlordane	0.030	0.036
Chlorobenzene	1196	1453

Chlorodibromomethane [Dibromochloromethane]	89.7	109
Chloroform [Trichloromethane]	837	1017
Chromium (hexavalent)	742	901
Chrysene	29.3	35.6
Cresols [Methylphenols]	12453	15121
Cyanide (free)	2392	2905
4,4'-DDD	0.024	0.029
4,4'-DDE	0.0016	0.0019
4,4'-DDT	0.0048	0.0058
2,4'-D	837	1017
Danitol [Fenprothrin]	3134	3806
1,2-Dibromoethane [Ethylene Dibromide]	2.03	2.47
<i>m</i> -Dichlorobenzene [1,3-Dichlorobenzene]	3852	4677
<i>o</i> -Dichlorobenzene [1,2-Dichlorobenzene]	7177	8715
<i>p</i> -Dichlorobenzene [1,4-Dichlorobenzene]	897	1089
3,3'-Dichlorobenzidine	9.45	11.5
1,2-Dichloroethane	59.8	72.6
1,1-Dichloroethylene [1,1-Dichloroethene]	83.7	102
Dichloromethane [Methylene Chloride]	59.8	72.6
1,2-Dichloropropane	59.8	72.6
1,3-Dichloropropene [1,3-Dichloropropylene]	33.5	40.7
Dicofol [Kelthane]	3.59	4.36
Dieldrin	2.39E-04	2.91E-04
2,4-Dimethylphenol	5311	6449
Di- <i>n</i> -Butyl Phthalate	1063	1291
Dioxins/Furans [TCDD Equivalents]	9.33E-07	1.13E-06
Endrin	0.239	0.291
Epichlorohydrin	640	777
Ethylbenzene	8373	10168
Ethylene Glycol	559158	678977
Fluoride	47849	58102
Heptachlor	0.00096	0.00116
Heptachlor Epoxide	0.0035	0.0042
Hexachlorobenzene	0.0081	0.0099
Hexachlorobutadiene	2.51	3.05
Hexachlorocyclohexane (<i>alpha</i>)	0.093	0.113
Hexachlorocyclohexane (<i>beta</i>)	1.79	2.18
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	2.39	2.91
Hexachlorocyclopentadiene	128	155
Hexachloroethane	22.0	26.7
Hexachlorophene	24.5	29.8
4,4'-Isopropylidenediphenol [Bisphenol A]	13063	15862
Lead	60.8	74
Mercury	0.146	0.177
Methoxychlor	34.9	42.4
Methyl Ethyl Ketone	165855	201395
Methyl <i>tert</i> -butyl ether [MTBE]	179	218
Nickel	15281	18556
Nitrate-Nitrogen (as Total Nitrogen)	119621	145254
Nitrobenzene	547	664
N-Nitrosodiethylamine	0.044	0.054
N-Nitroso-di- <i>n</i> -Butylamine	1.42	1.73
Pentachlorobenzene	4.16	5.05
Pentachlorophenol	2.63	3.20
Polychlorinated Biphenyls [PCBs]	0.0077	0.0093
Pyridine	275	334
Selenium	598	726

1,2,4,5-Tetrachlorobenzene	2.75	3.34
1,1,2,2-Tetrachloroethane	19.6	23.8
Tetrachloroethylene [Tetrachloroethylene]	59.8	72.6
Thallium	1.44	1.74
Toluene	11962	14525
Toxaphene	0.132	0.160
2,4,5-TP [Silvex]	598	726
1,1,1-Trichloroethane	2392	2905
1,1,2-Trichloroethane	59.8	72.6
Trichloroethylene [Trichloroethene]	59.8	72.6
2,4,5-Trichlorophenol	12429	15092
TTHM [Sum of Total Trihalomethanes]	957	1162
Vinyl Chloride	2.75	3.34