

IRVINE RANCH WATER DISTRICT  
2006 MICHELSON WATER RECLAMATION PLANT FINAL EFFLUENT

CONSTITUENT	UNITS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Flow	MGD	Daily Max.	14.3	14.2	14.7	16.2	15.5	14.7	13.7	14.4	13.4	13.5	13.4	12.9
		Average	13.1	12.6	13.0	13.1	12.6	13.2	11.0	10.9	11.5	12.4	12.4	11.5
Specific Conductance <i>(daily 90th percentile of continuous monitoring)</i>	umhos/cm	Daily Max.	1548	1359	1340	1480	1274	1246	1351	1611	1329	1391	1274	1169
		Average	1404	1286	1229	1248	1181	1085	1211	1227	1254	1265	1181	1091
pH <i>(daily median of continuous monitoring)</i>	S.U.	Daily Min.	7.1	7.0	7.0	7.0	6.6	6.7	6.4	6.6	6.7	6.9	6.7	6.8
		Average	7.3	7.2	7.2	7.1	6.9	7.0	6.6	6.7	6.9	6.9	6.9	6.9
		Inst. Min.	6.9	6.8	6.8	6.6	6.4	6.2	5.1	5.7	6.3	6.7	6.4	6.6
		Inst. Max.	7.7	7.7	7.6	7.3	7.4	7.3	12.0	8.0	7.4	7.0	7.3	7.7
		Days <6.5 or >8.5 More Than 60 Mins.	0	0	0	0	0	0	11	0	0	0	0	0
		Monthly Total Hours <6.5 or >8.5	0.00	0.00	0.00	0.00	0.30	0.45	86.54	8.60	0.35	1.25	0.67	0.00
Turbidity <i>(daily mean of continuous monitoring)</i>	NTU	Daily Max.	1.1	1.9	1.7	1.6	1.9	0.7	6.6	2.0	1.9	1.8	1.5	1.6
		Average	0.6	1.4	0.8	0.7	1.3	0.4	2.6	1.7	1.6	1.4	1.0	0.7
		Inst. Max.	1.5	2.6	3.5	2.6	3.8	1.9	8.9	6.6	3.0	2.2	2.6	2.9
Total Residual Chlorine <i>(daily mean of continuous monitoring)</i>	mg/L	Min	7.8	7.5	7.7	7.4	7.0	8.6	7.7	6.2	4.9	8.0	9.7	10.5
		Average	10.6	10.4	11.0	11.1	9.9	10.5	10.6	9.7	9.8	9.1	11.1	11.1
Total Suspended Solids	mg/L	Weekly Avg.*	1.7	2.0	0.9	0.7	3.6	1.0	4.6	3.0	3.7	2.2	1.1	1.3
		Monthly Avg.	1.4	1.7	0.7	0.6	1.9	0.6	2.4	2.3	2.6	1.7	0.9	0.6
	% Removal	Monthly Avg.	99.5	99.4	99.8	99.8	99.3	99.8	99.0	99.1	99.0	99.4	99.7	99.8
	Lbs/Day	Weekly Avg.*	182	216	97	80	342	110	410	237	375	236	115	132
Monthly Avg.		155	175	77	66	202	66	228	209	249	171	97	61	
BOD	mg/L	Weekly Avg.*	0.5	DNQ	0.6	DNQ	0.5	ND	3.9	0.5	DNQ	DNQ	0.9	DNQ
		Monthly Avg.	0.1	DNQ	0.1	DNQ	0.2	ND	1.4	0.1	DNQ	0.2	0.2	DNQ
	% Removal	Monthly Avg.	100.0	100.0	100.0	100.0	99.9	100.0	99.4	100.0	100.0	99.9	99.9	100.0
	Lbs/Day	Weekly Avg.*	52	DNQ	61	DNQ	47	ND	317	48	DNQ	DNQ	88	DNQ
Monthly Avg.		12	DNQ	14	DNQ	20	ND	130	11	DNQ	20	18	DNQ	
COD	mg/L	Daily Max.	24	38	33	27	43	23	59	38	29	35	33	29
		Average	19	29	24	22	29	16	35	28	22	27	25	18
Total Choliforms	MPN/100ml	Daily Max.	8	<2	4	2	<2	2	2	<2	4	4	4	2
		7-Day Median	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
		No. of Samples >23	0	0	0	0	0	0	0	0	0	0	0	0
CT Value	mg-min/L	Inst. Min.	623	625	290	493	357	540	95	466	197	463	268	815
		Average	1598	1613	1610	1545	1376	1401	1708	1745	1317	1349	1569	1670
Temperature	°C	Daily Min.	23	23	22	23	22	27	29	28	26	26	23	25
		Daily Max.	26	25	25	25	28	29	31	30	30	28	28	26
Ammonia as N	mg/L	Monthly Avg.	ND	DNQ	DNQ	ND	ND	ND	0.129	ND	ND	DNQ	DNQ	ND
Bicarbonate	mg/L	Monthly Avg.	120	128	120	89	84	160	155	160	172	150	160	180
Boron	mg/L	Monthly Avg.	0.52	0.44	0.52	0.38	0.46	0.41	0.53	0.47	0.47	0.45	0.47	0.38
		12-Month Avg.	0.45	0.46	0.46	0.44	0.43	0.44	0.45	0.46	0.46	0.46	0.46	0.46

CONSTITUENT	UNITS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	Lbs/Day	Monthly Avg.	57	46	56	42	49	45	49	43	45	46	49	36
		12-Month Avg.	47	48	48	47	46	47	47	48	48	47	47	47
Calcium	mg/L	Daily Max.	58.2	46.9	45.6	43.7	38.5	38.9	46.5	40.5	40.6	38.7	43.1	41.3
Carbonate	mg/L	Daily Max.	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	Monthly Avg.	173	152	166	150	156	127	150	131	122	137	144	137
		12-Month Avg.	153	152	153	152	156	157	158	157	154	149	148	146
	Lbs/Day	Monthly Avg.	18846	16046	17955	16416	16479	13911	13970	12050	11782	14097	14926	13155
		12-Month Avg.	15882	16140	16245	16209	16568	16699	16622	16378	15993	15485	15259	14968
Fluoride	mg/L	Monthly Avg.	0.31	0.49	0.29	0.35	0.47	0.51	0.58	0.53	0.55	0.47	0.42	0.50
		12-Month Avg.	0.38	0.40	0.40	0.40	0.39	0.40	0.41	0.42	0.43	0.43	0.44	0.45
	Lbs/Day	Monthly Avg.	34	51	31	39	50	56	54	49	53	49	43	48
		12-Month Avg.	40	42	42	42	42	43	43	44	44	45	46	46
Nitrate as N	mg/L	Daily Max.	6.0	7.4	6.1	7.5	8.6	5.4	8.3	7.9	9.8	11.4	10.4	9.5
Sodium	mg/L	Monthly Avg.	142	140	153	126	120	116	147	125	123	125	121	127
		12-Month Avg.	138	138	139	137	137	138	140	140	137	134	133	130
	Lbs/Day	Monthly Avg.	15469	14769	16571	13864	12701	12746	13719	11471	11849	12872	12522	12522
		12-Month Avg.	14348	14611	14743	14593	14567	14664	14702	14628	14259	13929	13711	13391
Sulfate	mg/L	Monthly Avg.	188	141	182	148	113	100	116	106	109	106	133	102
		12-Month Avg.	164	160	158	152	153	153	151	147	148	139	136	130
	Lbs/Day	Monthly Avg.	20480	14853	19713	16288	11959	10958	10803	9751	10526	10907	13786	9794
		12-Month Avg.	17089	16947	16749	16191	16230	16250	15896	15383	15373	14447	14101	13310
Total Inorganic Nitrogen	mg/L	Daily Max.	6.7	7.4	6.1	7.5	8.6	5.4	8.4	7.9	9.8	11.4	10.5	9.6
Total Kjeldahl Nitrogen	mg/L	Daily Max.	0.88	1.2	1.2	1.3	1.1	1.6	DNQ	1.0	0.93	1.7	1.0	0.97
Total Nitrogen	mg/L	Daily Max.	6.9	8.6	7.3	8.8	9.7	7.0	8.5	8.9	11	13	12	10
Total Organic Carbon (TOC)	mg/L	Daily Max.	5.5	8.3	11.5	7.6	10.4	6.8	9.1	9.6	9.6	10.3	8.5	6.8
TDS	mg/L	Monthly Avg.	746	626	686	612	584	544	660	568	596	610	636	614
		12-Month Avg.	677	670	665	652	651	651	659	652	650	637	635	624
	Lbs/Day	Monthly Avg.	81265	66085	74251	67180	61862	59824	61468	52248	57557	62767	65925	58956
		12-Month Avg.	70383	70920	70533	69351	69220	69330	69389	68173	67648	66063	65700	64116
TDS Increment	mg/L	Monthly Avg.	270	247	316	290	311	284	366	296	309	344	326	332
		12-Month Avg.	295	290	286	281	285	287	297	300	297	301	305	307
Total Hardness as CaCO <sub>3</sub>	mg/L	Monthly Avg.	239	181	208	186	150	148	185	151	176	167	204	192
		12-Month Avg.	209	205	202	196	195	195	195	191	192	186	185	183
	Lbs/Day	Monthly Avg.	26035	19108	22513	20417	15889	16276	17230	13890	16997	17184	21146	18436
		12-Month Avg.	21714	21708	21413	20814	20730	20730	20485	19929	1991	19279	19178	18758
Total Phosphorus	mg/L	Monthly Avg.	2.10	3.35	2.98	2.48	3.77	3.03	3.51	3.28	2.88	2.68	2.79	2.67
Chronic Toxicity - Survival	TUc	Daily Max.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<i>Ceriodaphnia dubia</i>		2-Month Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Chronic Toxicity - Reproduction	TUc	Daily Max.	1.11	1.00	1.11	>1.67	>1.67	>1.67	>1.67	>1.67	>1.67	>1.67	>1.67	>1.67
<i>Ceriodaphnia dubia</i>		2-Month Median	1.00	1.00	1.11	1.39	>1.67	>1.67	1.67	>1.67	>1.67	>1.67	>1.67	>1.67
INORGANICS														
Antimony	ug/L	Daily Max.	DNQ	DNQ	DNQ	ND	DNQ	0.55	0.59	DNQ	DNQ	DNQ	DNQ	DNQ

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Arsenic	ug/L	Daily Max.	1.21	1.71	1.76	DNQ	1.61	1.64	2.46	2.31	2.21	2.06	1.30	1.62
Beryllium	ug/L	Daily Max.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ug/L	Daily Max.	ND	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	0.27	DNQ
Total Chromium	ug/L	Daily Max.	0.69	0.55	DNQ	DNQ	0.61	0.61	0.56	0.85	DNQ	DNQ	0.51	0.62
Copper	ug/L	Daily Max.	6.12	9.51	7.64	5.79	11.3	9.3	17.9	13.9	16.2	17.1	12.1	9.9
Lead	ug/L	Daily Max.	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	0.62	DNQ	DNQ	DNQ	DNQ
Mercury	ug/L	Daily Max.	ND	ND	ND	DNQ	ND	ND	ND	DNQ	DNQ	0.26	ND	DNQ
Nickel	ug/L	Daily Max.	3.09	3.57	3.19	2.88	2.66	2.21	3.87	2.53	2.32	2.46	2.80	2.33
Selenium	ug/L	Daily Max.	DNQ	3.13	4.21	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ
Silver	ug/L	Daily Max.	DNQ	DNQ	0.67	DNQ	0.48	0.25	1.08	0.46	DNQ	0.76	0.47	0.55
Thallium	ug/L	Daily Max.	DNQ	ND	DNQ	ND	ND	DNQ	ND	DNQ	ND	ND	ND	ND
Zinc	ug/L	Daily Max.	53.7	61.2	49.2	53.9	44.5	48.4	50.7	60.8	53.0	52.8	57.1	49.5
Barium	ug/L	Daily Max.	52.7	37.1	45.9	33.8	26.1	25.0	28.3	27.9	22.4	26.2	35.6	28.7
Cobalt	ug/L	Daily Max.	DNQ	DNQ	DNQ	0.63	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ	DNQ
Iron	ug/L	Daily Max.	33.8	43.3	28.2	28.6	41.1	34.1	36.6	39.9	30.4	37.3	31.3	36.8
Manganese	ug/L	Daily Max.	24.6	25.1	23.0	23.8	23.5	17.1	19.6	16.9	7.3	13.3	85.2	11.3
<b>MISCELLANEOUS</b>														
Cyanide	ug/L	Daily Max.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>VOLATILE ORGANICS</b>														
Acrolein	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	DNQ	-	-
Acrylonitrile	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Benzene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Bromoform	ug/L	Daily Max.	DNQ	-	-	DNQ	-	-	ND	-	-	DNQ	-	-
Carbon Tetrachloride	ug/L	Daily Max.	DNQ	-	-	DNQ	-	-	ND	-	-	ND	-	-
Chlorobenzene	ug/L	Daily Max.	ND	-	-	DNQ	-	-	ND	-	-	ND	-	-
Chlorodibromomethane	ug/L	Daily Max.	13	-	-	7.1	-	-	4.2	-	-	11	-	-
Chloroethane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
2-Chloroethyl Vinyl Ether	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Chloroform	ug/L	Daily Max.	36	-	-	39	-	-	25	-	-	76	-	-
Dichlorobromomethane	ug/L	Daily Max.	29	-	-	24	-	-	15	-	-	34	-	-
1,1-Dichloroethane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
1,2-Dichloroethane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
1,1-Dichloroethylene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
1,2-Dichloropropane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
1,3-Dichloropropylene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Ethylbenzene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Methyl Bromide	ug/L	Daily Max.	ND	-	-	DNQ	-	-	ND	-	-	DNQ	-	-
Methyl Chloride	ug/L	Daily Max.	ND	-	-	2.5	-	-	2.5	-	-	ND	-	-
Methylene Chloride	ug/L	Daily Max.	ND	-	-	DNQ	-	-	ND	-	-	ND	-	-
1,1,2,2-Tetrachloroethane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Tetrachloroethylene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Toluene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-

CONSTITUENT	UNITS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
trans-1,2-Dichloroethylene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
1,1,1-Trichloroethane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
1,1,2-Trichloroethane	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Trichloroethylene	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Vinyl Chloride	ug/L	Daily Max.	ND	-	-	ND	-	-	ND	-	-	ND	-	-
Total Trihalomethanes	ug/L	Daily Max.	79	-	-	70	-	-	44	-	-	121	-	-
<b>ACID EXTRACTABLES</b>														
2-Chlorophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2,4-Dichlorophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2,4-Dimethylphenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2-Methyl-4,6-Dinitrophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2,4-Dinitrophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2-Nitrophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
4-Nitrophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
3-Methyl-4-Chlorophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Pentachlorophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Phenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2,4,6-Trichlorophenol	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
<b>BASE/NEUTRAL EXTRACTABLES</b>														
Acenaphthene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Acenaphthylene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Anthracene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Benzidine	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Benzo(a)anthracene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Benzo(a)pyrene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Benzo(b)fluoranthene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Benzo(g,h,i)perylene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Benzo(k)fluoranthene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Bis(2-Chloroethoxy) Methane	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Bis(2-Chloroethyl) Ether	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Bis(2-Chloroisopropyl) Ether	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Bis(2-Ethylhexyl) Phthalate (Grab)	ug/L	Daily Max.	ND	ND	ND	ND	ND	ND	ND	1.2	1.1	0.89	0.74	DNQ
Bis(2-Ethylhexyl) Phthalate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
4-Bromophenyl Phenyl Ether	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Butylbenzyl Phthalate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2-Chloronaphthylene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
4-Chlorophenyl Phenyl Ether	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Chrysene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Dibenzo(a,h)anthracene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
1,2-Dichlorobenzene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
1,3-Dichlorobenzene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
1,4-Dichlorobenzene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-

CONSTITUENT	UNITS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
3,3'-Dichlorobenzidine	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Diethyl Phthalate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Dimethyl Phthalate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Di-n-Butyl Phthalate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	DNQ	-	-
2,4-Dinitrotoluene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
2,6-Dinitrotoluene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Di-n-Octyl Phthalate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
1,2-Diphenylhydrazine	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Fluoranthene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Fluorene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Hexachlorobenzene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Hexachlorobutadiene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Hexachlorocyclopentadiene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Hexachloroethane	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Indeno(1,2,3-cd)pyrene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Isophorone	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Naphthalene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Nitrobenzene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
N-Nitrosodimethylamine	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
N-Nitroso-N-Propylamine	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
N-Nitrosodiphenylamine	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Phenanthrene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Pyrene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
1,2,4-Trichlorobenzene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Total PAHs	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
<b>PESTICIDES/PCBS</b>														
Aldrin	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Alpha BHC	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Beta BHC	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Delta BHC	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Gamma BHC	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Chlordane	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
4,4'-DDT	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
4,4'-DDE	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
4,4'-DDD	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Dieldrin	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Alpha Endosulfan	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Beta Endosulfan	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Endosulfan Sulfate	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Endrin	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Endrin Aldehyde	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Heptachlor	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-

CONSTITUENT	UNITS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Heptachlor Epoxide	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1016	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1221	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1232	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1242	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1248	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1254	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
PCB 1260	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Total PCBs	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
Toxaphene	ug/L	Daily Max.	-	ND	-	ND	-	-	ND	-	-	ND	-	-
TCDD/FULL CONGENERS														
2,3,7,8-TetraCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,7,8-PentaCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,4,7,8-HexaCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,6,7,8-HexaCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,7,8,9-HexaCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,4,6,7,8-HeptaCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	DNQ	-	-	-	-	-
OctaCDD	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
2,3,7,8-TetraCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,7,8-PentaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
2,3,4,7,8-PentaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	DNQ	-	-	-	-	-
1,2,3,4,7,8-HexaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,6,7,8-HexaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,7,8,9-HexaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
2,3,4,6,7,8-HexaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,4,6,7,8-HeptaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
1,2,3,4,7,8,9-HeptaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	ND	-	-	-	-	-
OctaCDF	pg/L (TEQ)	Daily Max.	ND	-	-	-	-	-	DNQ	-	-	-	-	-

DNQ = Detected, Not Quatified

ND = Not Detected

NA = Not Analyzed

Velaz