



Sweetwater Authority

To: California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Boulevard, Suite A
San Diego, CA 92124-1324
Attention: Keri Cole

From: Pete Baranov
Sweetwater Authority
100 Lakeview Avenue
Spring Valley, CA 91977
(619) 475-9047 extension 117

Date: April 10, 2001

Subject: Sweetwater Authority Water Quality Data in Response to the CRWQCB Letter, Dated March 7, 2001, *Public Solicitation of Water Quality Information*

Included are two hard copies and one electronic copy of water quality information the Sweetwater Authority has collected on the Sweetwater Reservoir and the Loveland Reservoir, both surface water reservoirs in the San Diego Region. Data submitted is from July 1997 to the present.

All data is in the Excel format.

The water quality analyses were conducted by State approved laboratories following State approved methods. All QA/QC procedures follow the Environmental laboratory Accreditation Program (ELAP) QA/QC protocol.

The Montgomery Watson Laboratories, Pasadena, CA, conducted the heavy metal and organic analyses. The Sweetwater Authority laboratory performed all inorganic chemical analyses.

If you have any questions, please give me a call.

Pete Baranov
Sweetwater Authority
100 Lakeview Avenue
Spring Valley, CA 91977
(619) 475-9047 extension 117
pbaranov@sweetwater.org

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
2001 APR 12 A 11:07

part S.C. water

Jan 95 SC but also cold

LOVELAND RESERVOIR 31

HEAVY METALS:

Date Sampled	mg/l Al	mg/l Sb	mg/l As	mg/l Ba	mg/l Be	mg/l Cd	mg/l Total Cr	mg/l Cu	mg/l Fe	mg/l Pb	mg/l Mn	mg/l Hg	mg/l Ni	mg/l Se	mg/l Ag	mg/l Tl	mg/l Zn
12/15/97	0.18			0.1100				ND	0.03		0.260				0.005		ND
06/17/98	0.21			0.0700				ND	0.13		0.024				ND		ND
07/15/99	0.03	ND	ND	0.0330	ND	ND	ND	ND	ND	ND	0.008	0.0002	ND	ND	ND	ND	ND
02/24/00	0.35	ND	0.0012	0.0480	ND	ND	ND	0.003	0.48	0.0009	0.235	0.0003	ND	ND	ND	ND	0.01

INORGANIC CHEMICAL:

Date Sampled	us/cmE lec Cond	pH	mg/l TDS	mg/l as CaCO3 Total Alk	mg/l as CaCO3 Total Hardness	mg/l as CaCO3 Ca Hardness	mg/l as CaCO3 Mg Hardness	mg/l Ca ⁺²	mg/l Mg ⁺²	mg/l Na ⁺	mg/l K ⁺	mg/l F ⁻	mg/l Cl ⁻	mg/l Br ⁻	mg/l SO ₄ ⁻²	mg/l NO ₃ ^{-N}	mg/l NO ₂ ^{-N}	mg/l PO ₄ ^{3-P}
07/03/97	462	8.8	288	130	158	88	70	35.2	17.0			0.24	55		37			
09/09/97														0.211		0.14	ND	
12/02/97	479	7.8	295	136	153	96	57	38.4	13.9	37	2.9	0.25	54		35			
02/11/98														0.205		0.22	ND	
06/17/98	317	8.7	237	95	107	61	46	24.4	11.2	37	2.0	0.21	39	0.151	27	0.05	ND	
01/07/99	344	7.6	251	106	124	70	54	28	13.1			0.19	42	0.14	28.8	0.16	0.061	0.04
06/23/99	441	8.9	270	126	149	83	66	33.2	16			0.23	51	0.177	36.7	0.05	ND	ND
07/15/99										39.2	2.3							
01/26/00	413	7.9	288	134	150	85	65	34	15.8			0.223	53	0.193	34.8	0.18	ND	0.05
02/24/00										33.6	2.25							
07/26/00	507	8.8	319	110	161	84	77	33.6	18.7			0.233	59	0.207	39.1	ND	ND	ND
11/29/00	490	7.8	315	139	160	85	75	34	18.2			0.228	53	0.225	35.9	0.02	ND	0.04

OK

SW. Hydrological Unit # 708

960 acres

Dom, mun, Ag, Ind, Pro, Rec 1, 2, bro, wood, wild, none

SWEETWATER RESERVOIR

9.21

HEAVY METALS:

Date Sampled	mg/l Al	mg/l Sb	mg/l As	mg/l Ba	mg/l Be	mg/l Cd	mg/l Total Cr	mg/l Cu	mg/l Fe	mg/l Pb	mg/l Mn	mg/l Hg	mg/l Ni	mg/l Se	mg/l Ag	mg/l Tl	mg/l Zn
12/15/97	0.48			0.1400				ND	0.83		0.135				0.006		ND
02/25/98		ND	0.0020		ND	ND	ND			0.0010		ND	ND	ND		ND	
05/11/98			0.0015							0.0012							
06/17/98	0.10			0.0700				0.012	0.02		0.035				ND		ND
08/04/98		ND	0.0020		ND	ND	ND			ND		ND	ND	ND		ND	
02/09/99		ND	ND		ND	ND	0.0042			0.0010		ND	ND	ND		ND	
04/15/99										ND							
07/15/99	ND	ND	ND	0.0560	ND	ND	0.0078	0.003	ND	ND	0.009	ND	ND	ND	ND	ND	ND
02/24/00	0.16	ND	0.0018	0.0590	ND	ND	ND	0.0033	0.232	0.0006	0.045	ND	ND	ND	ND	ND	0.0098

INORGANIC CHEMICAL:

Date Sampled	us/cm Elec Cond	pH	mg/l TDS	mg/l as CaCO3 Total Alk	mg/l as CaCO3 Total Hardness	mg/l as CaCO3 Ca Hardness	mg/l as CaCO3 Mg Hardness	mg/l Ca ⁺²	mg/l Mg ⁺²	mg/l Na ⁺	mg/l K ⁺	mg/l F ⁻	mg/l Cl ⁻	mg/l Br ⁻	mg/l SO ₄ ⁻²	mg/l NO ₃ ^{-N}	mg/l NO ₂ ^{-N}	mg/l PO ₄ ^{-3-P}
07/03/97	937	8.1	556	166	268	129	139	51.6	33.8			0.30	129		113			
09/10/97														0.418		0.12	ND	
12/02/97	1007	8.1	632	151	270	168	102	67.2	24.8	125	4.9	0.32	162		135			
02/12/98														0.477		0.73	ND	
06/17/98	676	7.4	438	130	201	110	91	44.0	22.1	69	2.9	0.22	100	0.277	71	0.14	0.070	
08/04/98										78								
01/07/99	737	7.8	528	159	256	136	120	54.4	29.2	62	2.8	0.25	127	0.36	81.5	0.12	ND	ND
06/23/99	744	7.7	461	163	240	124	116	49.6	28.1			0.26	112	0.332	73.6	0.07	ND	ND
07/15/99										79.0	3.1							
01/26/00	861	7.8	552	170	265	153	112	61.3	27.2			0.294	127	0.427	90.98	0.12	ND	ND
02/24/00										70.5	3.06							
07/26/00	898	8.4	539	158	252	125	127	50.1	30.8			0.282	140	0.407	91.7	ND	ND	ND
11/29/00	922	8.0	596	174	280	136	144	54.5	35			0.302	149	0.457	98.8	0.02	ND	ND

2/6/98 Simazine 0.070 ug/L 0.076 ug/L
 7/24/07 Simazine 0.090 0.07

This is only speculation, however, as no data for Taylor Creek and Japatul Valley, which empty into Loveland Reservoir are available.

TMDL Priority

It is recommended that the Loveland Reservoir not be recommended for 303d listing. During the three years this reservoir was sampled, it was only in exceedance for metal concentrations on two days during the wet months and the pH values were only slightly above the allowable limit (no more than 0.2 pH units) on four days during the summer. None of the beneficial uses appear to be threatened.

Source References

All water quality standards were taken from the Water Quality Control Plan for the San Diego Basin. Water quality data from transmittal letter with water quality monitoring data from 7/97 – 1/01.

Loveland Reservoir 909.31

It is recommended that Loveland Reservoir not be listed.

Watershed Characteristics

Loveland Reservoir is part of the Sweetwater Watershed in San Diego, California. It encompasses an area of 564 acres. Uses for the reservoir include contact and non-contact recreation, wildlife habitat, and a cold and warm freshwater habitat, not to mention it is also a home to endangered species, making it an area of special biological significance. Loveland Reservoir is also a water supply source for municipal, domestic, agricultural, and industrial service and process uses.

Water Quality Objectives not Obtained

Loveland Reservoir was found to be in violation of inland surface water quality standards for manganese, iron, simazine and pH.

Evidence of Impairment

All dates that the above said violations took place and the pollutant concentrations are summarized in the attached tables, along with the water quality standard for each parameter.

Extent of Impairment

At least one of the above listed parameters was above the acceptable limits between July 3rd, 1997 to November 29th, 2000. Sample locations in the reservoir were not given, thus the entire reservoir is deemed to be impaired. Sampling was not done on consecutive days either, so it cannot be determined if the violations are a chronic problem. Manganese was high two of the four days it was sampled, or once every other year, with an average value of 0.132 mg/l. Even though the average manganese concentration is almost 3x the standard, it occurred on average only once every other year, hence it does not pose a problem. Iron was above the standard on one of the three days it was sampled, with an average value of 0.21 mg/l, below the standard of 0.3 mg/l. The pH was in exceedance for 50% of the eight times it was sampled with an average value of 8.3. This average value is below the high standard value of 8.5. Since the average concentrations of iron and pH are below the standards set by the basin plan, neither is considered to be a problem. Simazine was high twice during this four year period, which equates to once every other year like manganese and thus is considered not to be a threat.

Potential Sources

The source for the elevated levels of manganese and iron is likely to be the result of stormwater runoff. They are common constituents of stormwater runoff, and high concentrations of these metals occurred in the months of December and February, which is the known rainy season for southern California.

Limits

<u>Parameter</u>	<u>Value</u>
Manganese	.05 mg/l
Iron	.3 mg/l
pH	6.5 - 8.5
simazine	0.004

Loveland Reservoir

<u>Date</u>	<u>Parameter</u>	<u>Value</u>
2/24/00	Iron	0.48 mg/l
12/15/97	Manganese	0.26 mg/l
2/24/00	Manganese	.235 mg/l
7/3/97	pH	8.8
6/17/98	pH	8.7
6/23/99	pH	8.9
7/26/00	pH	8.8
2/6/98	simazine	.07 mg/l
7/24/97	simazine	.09 mg/l

Annual
2000

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY
1 of 3

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY
2 of 3

SAMPLE TYPE: GRAB / COMPOSITE				REPORT DATE: Jan. thru Dec. 2000				SAMPLE TYPE: GRAB / COMPOSITE				REPORT DATE: Jan. thru Dec. 2000				SAMPLE
SAMPLE FREQUENCY: ANNUAL				REPORT DUE: February 28th 2001				SAMPLE FREQUENCY: ANNUAL				REPORT DUE: February 28th 2001				SAMPLE
COLLECTED BY: DD, RN				REPORT FREQUENCY: ANNUAL				COLLECTED BY: DD, RN				REPORT FREQUENCY: ANNUAL				COLLEC
ANALYZED BY: Env. Eng. Lab & D. White				TITLE: Water Recycling Superintendent				ANALYZED BY: Env. Eng. Lab & D. White				TITLE: Water Recycling Superintendent				ANALYZ
SAMPLE POINT: Plant Raw Influent				SIGNED BY:				SAMPLE POINT: Plant Raw Influent				SIGNED BY:				SAMPLE
PLANT INFLUENT AND ANALYSIS REQUIREMENTS								PLANT INFLUENT AND ANALYSIS REQUIREMENTS								
PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60								PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60								
Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Cr
1. 1,1,1- Trichloroethane	624	mg/l	ND	27. 1,4- Dichlorobenzene	624	ug/l	ND	53. Acenaphthene	625	mg/l	ND	79. Benzo (b) fluoranthene	625	ug/l	ND	101. Nitrobenz
2. 1,1,2,2- Tetrachloroethane	624	ug/l	ND	28. Tetrachloroethene	624	ug/l	ND	54. Anthracene	625	ug/l	ND	80. Benzo (a) pyrene	625	ug/l	ND	102. Aroclor
3. 1,1,2- Trichloroethane	624	ug/l	ND	29. Toluene	624	ug/l	2.4	55. Benzo (a) anthracene	625	ug/l	ND	81. Benzyl butyl phthalate	625	ug/l	ND	103. Aroclor
4. Cis-1,3- Dichloropropene	624	ug/l	ND	30. Trans-1,2-Dichloroethene	624	ug/l	ND	56. Benzo (k) fluoranthene	625	ug/l	ND	82. D-BHC	625	ug/l	ND	104. Aroclor
5. Dibromochloromethane	624	ug/l	ND	31. Trans-1,3-Dichloropropene	624	ug/l	ND	57. Benzo (ghi) perylene	625	ug/l	ND	83. Bis (2-chloroethoxy) methane	625	ug/l	ND	105. Aroclor
6. Ethylbenzene	624	ng/l	ND	32. Trichloroethene	624	ug/l	ND	58. B-BHC	625	ng/l	ND	84. Bis (2-chloroisopropyl) ether	625	ug/l	ND	106. Pyrene
7. Methyl tert Butyl Ether	624	ug/l	ND	33. Trichlorofluoromethane	624	ug/l	ND	59. Bis (2-chloroethyl) ether	625	ug/l	ND	85. Chlordane	625	ug/l	ND	107. 1,2,4-Tr
8. Methylene Chloride	624	ug/l	ND	34. Vinyl Chloride	624	ug/l	ND	60. Bis (2-ethylhex) phthalate	625	ug/l	73	86. 4-Chlorophenyl phenyl ether	625	ug/l	ND	108. 2-Chlor
9. 2- Chloroethylvinyl Ether	624	ug/l	ND	35. Xylenes (m+p)	624	ug/l	ND	61. 4-Bromophenyl phenyl ether	625	ug/l	ND	87. 4,4'-DDD	625	ug/l	ND	109. 2,4-Din
10. Acrolein	624	ug/l	ND	36. Xylenes (ortho)	624	ug/l	ND	62. 2-Chloronaphthalene	625	ug/l	ND	88. 4,4'-DDT	625	ug/l	ND	110. 2-Meth
11. Acrylonitrile	624	ug/l	ND	37. Acenaphthylene	625	ug/l	ND	63. Chrysene	625	ug/l	ND	89. Di-n-butylphthalate	625	ug/l	ND	111. 4-Nitro
12. Benzene	624	ug/l	ND	38. Benzo (a) anthracene	625	ug/l	ND	64. 4,4'- DDE	625	ug/l	ND	90. 1,2-Dichlorobenzene	625	ug/l	ND	112. Phenol
13. Bromodichloromethane	624	ug/l	ND	39. Benzo (ghi) perylene	625	ug/l	ND	65. Dibenzo (ah) anthracene	625	ug/l	ND	91. 3,3'-Dichlorobenzidine	625	ug/l	ND	113. Benzid
14. Bromoform	624	ug/l	ND	40. Chrysene	625	ug/l	ND	66. 1,3-Dichlorobenzene	625	ug/l	ND	92. Diethyl phthalate	625	ug/l	16	114. Y-BHC
15. Bromomethane	624	ug/l	ND	41. Fluorene	625	ug/l	ND	67. 1,4-Dichlorobenzene	625	ug/l	ND	93. 2,4-Dinitrotoluene	625	ug/l	ND	115. Endosul
16. Carbon Tetrachloride	624	ug/l	ND	42. Phenanthrene	625	ug/l	ND	68. Dieldrin	625	ug/l	ND	94. Di-n-octylphthalate	625	ug/l	ND	116. Hexachl
17. Chlorobenzene	624	ug/l	ND	43. Acenaphthene	625	ug/l	ND	69. Dimethyl phthalate	625	ug/l	ND	95. Endosulfan Sulfate	625	ug/l	ND	117. N-Nitro
18. Chloroethane	624	ug/l	ND	44. Pyrene	625	ug/l	ND	70. 2,6-Dinitrotoluene	625	ug/l	ND	96. Fluorene	625	ug/l	ND	118. N-Nitro
19. Chloroform	624	ug/l	ND	45. Anthracene	625	ug/l	ND	71. 1,2- Diphenylhydrazine	625	ug/l	ND	97. Heptachlor Epoxide	625	ug/l	ND	119. Aroclor
20. Chloromethane	624	ug/l	ND	46. Benzo (b) fluoranthene	625	ug/l	ND	72. Fluoranthene	625	ug/l	ND	98. Hexachlorobutadiene	625	ug/l	ND	120. Aroclor
21. 1,1- Dichloroethane	624	ug/l	ND	47. Benzo (k) fluoranthene	625	ug/l	ND	73. Heptachlor	625	ug/l	ND	99. Indeno (1,2,3-cd) pyrene	625	ug/l	ND	121. Aroclor
22. 1,1- Dichloroethene	624	ug/l	ND	48. Dibenzo (ah) anthracene	625	ug/l	ND	74. Hexachlorobenzene	625	ug/l	ND	100. Naphthalene	625	ug/l	ND	122. Phenar
23. 1,2- Dichlorobenzene	624	ug/l	ND	49. Indeno (1,2,3-cd) pyrene	625	ug/l	ND	75. Hexachloroethane	625	ug/l	ND	101. TCDD Equivalents	625	ug/l	ND	123. Toxapl
24. 1,2-Dichloroethane	624	ug/l	ND	50. Fluoranthene	625	ug/l	ND	76. Isophorone	625	ug/l	ND	102. Cyanide		ug/l	ND	124. 4-Chlor
25. 1,2-Dichloropropane	624	pg/l	ND	51. Naphthalene	625	ug/l	ND	77. Acenaphthylene	625	pg/l	ND					125. 2,4-Dic
26. 1,3- Dichlorobenzene	624	ug/l	ND	52. Benzo (a) pyrene	625	ug/l	ND	78. Aldrin	625	ug/l	ND					126. 2,4-Dir
																127. 2-Nitro
																128. Pentachl
																129. 2,4,6-Tr
																130. A-BHC
																ND- Non D

ND- Non Detected

ND- Non Detected

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY
 3 of 3

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY
 1 of 3

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

SAMPLE TYPE: GRAB / COMPOSITE				REPORT DATE: Jan. thru Dec. 2000				SAMPLE TYPE: GRAB / COMPOSITE				REPORT DATE: Jan. thru Dec. 2000				SAMPLE TYPE: GRAB / COMPOSITE							
FREQUENCY: ANNUAL				REPORT DUE: February 28th 2001				SAMPLE FREQUENCY: ANNUAL				REPORT DUE: February 28th 2001				SAMPLE FREQUENCY: ANNUAL							
COLLECTED BY: DD, RN				REPORT FREQUENCY: ANNUAL				COLLECTED BY: DD, RN				REPORT FREQUENCY: ANNUAL				COLLECTED BY: DD, RN							
ANALYZED BY: Env. Eng. Lab & D. White				TITLE: Water Recycling Superintendent				ANALYZED BY: Env. Eng. Lab & D. White				TITLE: Water Recycling Superintendent				ANALYZED BY: Env. Eng. Lab & D. White							
POINT: Plant Raw Influent				SIGNED BY:				SAMPLE POINT: Chlorine Contact Eff.				SIGNED BY:				SAMPLE POINT: Chlorine Contact Eff.							
PLANT INFLUENT AND ANALYSIS REQUIREMENTS								PLANT EFFLUENT AND ANALYSIS REQUIREMENTS								PLANT EFFLUENT AND ANALYSIS REQUIREMENTS							
PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60								PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60								PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60							
Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results				
benzene	625	ug/l	ND	131. Endosulfan I	625	ug/l	ND	1. 1,1,1- Trichloroethane	624	ug/l	ND	27. 1,4- Dichlorobenzene	624	ug/l	ND	53. Acenaphthene							
x 1016	625	ug/l	ND	132. Endrin	625	ug/l	ND	2. 1,1,2,2- Tetrachloroethane	624	ug/l	ND	28. Tetrachloroethene	624	ug/l	ND	54. Anthracene							
x 1232	625	ug/l	ND	133. N-Nitrosodimethylamine	625	ug/l	ND	3. 1,1,2- Trichloroethane	624	ug/l	ND	29. Toluene	624	ug/l	ND	55. Benzo (a) anthracene							
x 1248	625	ug/l	ND	134. 4,4'-DDD	608	ug/l	ND	4. Cis-1,3- Dichloropropene	624	ug/l	ND	30. Trans-1,2-Dichloroethene	624	ug/l	ND	56. Benzo (k) fluoranthene							
x 1260	625	ug/l	ND	135. 4,4'-DDE	608	ug/l	ND	5. Dibromochloromethane	624	ug/l	ND	31. Trans-1,3-Dichloropropene	624	ug/l	ND	57. Benzo (ghi) perylene							
2	625	ng/l	ND	136. 4,4'-DDT	608	ug/l	ND	6. Ethylbenzene	624	ug/l	ND	32. Trichloroethene	624	ug/l	ND	58. B-BHC							
trichlorobenzene	625	ug/l	ND	137. A-BHC	608	ug/l	ND	7. Methyl tert Butyl Ether	624	ug/l	ND	33. Trichlorofluoromethane	624	ug/l	ND	59. Bis (2-chloroethyl) ether							
rophenol	625	ug/l	ND	138. Aldrin	608	ug/l	ND	8. Methylene Chloride	624	ug/l	ND	34. Vinyl Chloride	624	ug/l	ND	60. Bis (2-ethylhex) phthalate							
methylphenol	625	ug/l	ND	139. Aroclor 1016	608	ug/l	ND	9. 2- Chloroethylvinyl Ether	624	ug/l	ND	35. Xylenes (m+p)	624	ug/l	ND	61. 4-Bromophenyl phenyl ether							
yl-4,6-dinitrophenyl	625	ug/l	ND	140. Aroclor 1221	608	ug/l	ND	10. Acrolein	624	ug/l	ND	36. Xylenes (ortho)	624	ug/l	ND	62. 2-Chloronaphthalene							
ophenyl	625	ug/l	ND	141. Aroclor 1232	608	ug/l	ND	11. Acrylonitrile	624	ug/l	ND	37. Acenaphthylene	525.2	ug/l	ND	63. Chrysene							
l	625	ug/l	16	142. Aroclor 1242	608	ug/l	ND	12. Benzene	624	ug/l	ND	38. Benzo (a) anthracene	525.2	ug/l	ND	64. 4,4'-DDE							
line	625	ug/l	ND	143. Aroclor 1248	608	ug/l	ND	13. Bromodichloromethane	624	ug/l	ND	39. Benzo (ghi) perylene	525.2	ug/l	ND	65. Dibenzo (ah) anthracene							
	625	ug/l	ND	144. Aroclor 1254	608	ug/l	ND	14. Bromoform	624	ug/l	ND	40. Chrysene	525.2	ug/l	ND	66. 1,3-Dichlorobenzene							
ulfan II	625	ug/l	ND	145. Aroclor 1260	608	ug/l	ND	15. Bromomethane	624	ug/l	ND	41. Fluorene	525.2	ug/l	ND	67. 1,4-Dichlorobenzene							
lorocyclopentadiene	625	ug/l	ND	146. B-BHC	608	ug/l	ND	16. Carbon Tetrachloride	624	ug/l	ND	42. Penanthrene	525.2	ug/l	ND	68. Dieldrin							
osodiphenylamine	625	ug/l	ND	147. Chlordane	608	ug/l	ND	17. Chlorobenzene	624	ug/l	ND	43. Acenaphthene	525.2	ug/l	ND	69. Dimethyl phthalate							
osodi-n-propylamine	625	ug/l	ND	148. D-BHC	608	ug/l	ND	18. Chloroethane	624	ug/l	ND	44. Pyrene	525.2	ug/l	ND	70. 2,6-Dinitrotoluene							
x 1221	625	ug/l	ND	149. Dieldrin	608	ug/l	ND	19. Chloroform	624	ug/l	54	45. Anthracene	525.2	ug/l	ND	71. 1,2-Diphenylhydrazine							
x 1242	625	ug/l	ND	150. Endosulfan I	608	ug/l	ND	20. Chloromethane	624	ug/l	ND	46. Benzo (b) fluoranthene	525.2	ug/l	ND	72. Fluoranthene							
x 1254	625	ug/l	ND	151. Endosulfan II	608	ug/l	ND	21. 1,1- Dichloroethane	624	ug/l	ND	47. Benzo (k) fluoranthene	525.2	ug/l	ND	73. Heptachlor							
nthrene	625	ug/l	ND	152. Endosulfan Sulfate	608	ug/l	ND	22. 1,1- Dichloroethene	624	ug/l	ND	48. Dibenzo (ah) anthracene	525.2	ug/l	ND	74. Hexachlorobenzene							
ene	625	ug/l	ND	153. Endrin	608	ug/l	ND	23. 1,2- Dichlorobenzene	624	ug/l	ND	49. Indeno (1,2,3-cd) pyrene	525.2	ug/l	ND	75. Hexachloroethane							
ro-3-methylphenol	625	ug/l	ND	154. Endrin Aldehyde	608	ug/l	ND	24. 1,2-Dichloroethane	624	ug/l	ND	50. Fluoranthene	525.2	ug/l	ND	76. Isophorone							
chlorophenol	625	ug/l	ND	155. Heptachlor	608	ug/l	ND	25. 1,2-Dichloropropane	624	ug/l	ND	51. Naphthalene	525.2	ug/l	ND	77. Acenaphthylene							
nitrophenol	625	ug/l	ND	156. Heptachlor Epoxide	608	ug/l	ND	26. 1,3- Dichlorobenzene	624	ug/l	ND	52. Benzo (a) pyrene	525.2	ug/l	ND	78. Aldrin							
ophenol	625	ug/l	ND	157. Lindane	608	ug/l	ND	ND- Non Detected								ND- Non Detected							
chlorophenol	625	ug/l	ND	158. Methoxychlor	608	ug/l	ND																
trichlorophenol	625	ug/l	ND	159. Toxaphene	608	ug/l	ND																
	625	ug/l	ND	160. PAHs	608	ug/l	ND																

ected

**3 DAM MUNICIPAL WATER DISTRICT
DRE DAM WATER RECYCLING FACILITY**

2 of 3

**PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY**

3 of 3

**PADRE DAM MI
PADRE DAM V**

COMPOSITE							SAMPLE TYPE: GRAB / COMPOSITE							SAMPLE TYPE: GRAB / COMPOSITE						
REPORT DATE: Jan. thru Dec. 2000							REPORT DATE: Jan. thru Dec. 2000							REPORT DATE: Jan. thru Dec. 2000						
ANNUAL							ANNUAL							ANNUAL						
REPORT DUE: February 28th 2001							REPORT DUE: February 28th 2001							REPORT DUE: February 28th 2001						
DD, FN							DD, FN							DD, FN						
REPORT FREQUENCY: ANNUAL							REPORT FREQUENCY: ANNUAL							REPORT FREQUENCY: ANNUAL						
Lab & D. White							Env. Eng. Lab & D. White							Env. Eng. Lab & D. White						
TITLE: Water Recycling Superintendent							TITLE: Water Recycling Superintendent							TITLE: Water Recycling Superintendent						
Chlorine Contact Eff. SIGNED BY:							Chlorine Contact Eff. SIGNED BY:							Chlorine Contact Eff. SIGNED BY:						
EPA							EPA							EPA						
UNITS							UNITS							UNITS						
RESULTS							RESULTS							RESULTS						
CONSTITUENTS							CONSTITUENTS							CONSTITUENTS						
625	ug/l	ND	79. Benzo (b) fluoranthene	625	ug/l	ND	101. Nitrobenzene	625	ug/l	ND	131. Endosulfan I	625	ug/l	ND	1. 1,1,1-Trichloroethane	624	ug/l			
625	ug/l	ND	80. Benzo (a) pyrene	625	ug/l	ND	102. Aroclor 1016	625	ug/l	ND	132. Endrin	625	ug/l	ND	2. 1,1,2,2-Tetrachloroethane	624	ug/l			
625	ug/l	ND	81. Benzyl butyl phthalate	625	ug/l	ND	103. Aroclor 1232	625	ug/l	ND	133. N-Nitrosodimethylamine	625	ug/l	ND	3. 1,1,2-Trichloroethane	624	ug/l			
625	ug/l	ND	82. D-BHC	625	ug/l	ND	104. Aroclor 1248	625	ug/l	ND	134. 4,4'-DDD	608	ug/l	ND	4. Cis-1,3-Dichloropropene	624	ug/l			
625	ug/l	ND	83. Bis (2-chloroethoxy) methane	625	ug/l	ND	105. Aroclor 1260	625	ug/l	ND	135. 4,4'-DDE	608	ug/l	ND	5. Dibromochloromethane	624	ug/l			
625	ug/l	ND	84. Bis (2-chloroisopropyl) ether	625	ug/l	ND	106. Pyrene	625	ug/l	ND	136. 4,4'-DDT	608	ug/l	ND	6. Ethylbenzene	624	ug/l			
625	ug/l	ND	85. Chlordane	625	ug/l	ND	107. 1,2,4-Trichlorobenzene	625	ug/l	ND	137. A-BHC	608	ug/l	ND	7. Methyl tert Butyl Ether	624	ug/l			
625	ug/l	ND	86. 4-Chlorophenyl phenyl ether	625	ug/l	ND	108. 2-Chlorophenol	625	ug/l	ND	138. Aldrin	608	ug/l	ND	8. Methylene Chloride	624	ug/l			
625	ug/l	ND	87. 4,4'-DDD	625	ug/l	ND	109. 2,4-Dimethylphenol	625	ug/l	ND	139. Aroclor 1016	608	ug/l	ND	9. 2-Chloroethylvinyl Ether	624	ug/l			
625	ug/l	ND	88. 4,4'-DDT	625	ug/l	ND	110. 2-Methyl-4,6-dinitrophenyl	625	ug/l	ND	140. Aroclor 1221	608	ug/l	ND	10. Acrolein	624	ug/l			
625	ug/l	ND	89. Di-n-butylphthalate	625	ug/l	ND	111. 4-Nitrophenyl	625	ug/l	ND	141. Aroclor 1232	608	ug/l	ND	11. Acrylonitrile	624	ug/l			
625	ug/l	ND	90. 1,2-Dichlorobenzene	625	ug/l	ND	112. Phenol	625	ug/l	ND	142. Aroclor 1242	608	ug/l	ND	12. Benzene	624	ug/l			
625	ug/l	ND	91. 3,3'-Dichlorobenzidine	625	ug/l	ND	113. Benzidine	625	ug/l	ND	143. Aroclor 1248	608	ug/l	ND	13. Bromodichloromethane	624	ug/l			
625	ug/l	ND	92. Diethyl phthalate	625	ug/l	ND	114. Y-BHC	625	ug/l	ND	144. Aroclor 1254	608	ug/l	ND	14. Bromoform	624	ug/l			
625	ug/l	ND	93. 2,4-Dinitrotoluene	625	ug/l	ND	115. Endosulfan II	625	ug/l	ND	145. Aroclor 1260	608	ug/l	ND	15. Bromomethane	624	ug/l			
625	ug/l	ND	94. Di-n-octylphthalate	625	ug/l	ND	116. Hexachlorocyclopentadiene	625	ug/l	ND	146. B-BHC	608	ug/l	ND	16. Carbon Tetrachloride	624	ug/l			
625	ug/l	ND	95. Endosulfan Sulfate	625	ug/l	ND	117. N-Nitrosodiphenylamine	625	ug/l	ND	147. Chlordane	608	ug/l	ND	17. Chlorobenzene	624	ug/l			
625	ug/l	ND	96. Fluorene	625	ug/l	ND	118. N-Nitrosodi-n-propylamine	625	ug/l	ND	148. D-BHC	608	ug/l	ND	18. Chloroethane	624	ug/l			
625	ug/l	ND	97. Heptachlor Epoxide	625	ug/l	ND	119. Aroclor 1221	625	ug/l	ND	149. Dieldrin	608	ug/l	ND	19. Chloroform	624	ug/l			
625	ug/l	ND	98. Hexachlorobutadiene	625	ug/l	ND	120. Aroclor 1242	625	ug/l	ND	150. Endosulfan I	608	ug/l	ND	20. Chloromethane	624	ug/l			
625	ug/l	ND	99. Indeno (1,2,3-cd) pyrene	625	ug/l	ND	121. Aroclor 1254	625	ug/l	ND	151. Endosulfan II	608	ug/l	ND	21. 1,1-Dichloroethane	624	ug/l			
625	ug/l	ND	100. Naphthalene	625	ug/l	ND	122. Phenanthrene	625	ug/l	ND	152. Endosulfan Sulfate	608	ug/l	ND	22. 1,1-Dichloroethene	624	ug/l			
625	ug/l	ND	101. TCDD Equivalents	625	ug/l	ND	123. Toxaphene	625	ug/l	ND	153. Endrin	608	ug/l	ND	23. 1,2-Dichlorobenzene	624	ug/l			
625	ug/l	ND	102. Cyanide	625	ug/l	ND	124. 4-Chloro-3-methylphenol	625	ug/l	ND	154. Endrin Aldehyde	608	ug/l	ND	24. 1,2-Dichloroethane	624	ug/l			
625	ug/l	ND					125. 2,4-Dichlorophenol	625	ug/l	ND	155. Heptachlor	608	ug/l	ND	25. 1,2-Dichloropropane	624	ug/l			
625	ug/l	ND					126. 2,4-Dinitrophenol	625	ug/l	ND	156. Heptachlor Epoxide	608	ug/l	ND	26. 1,3-Dichlorobenzene	624	ug/l			
							127. 2-Nitrophenol	625	ug/l	ND	157. Lindane	608	ug/l	ND	ND- Non Detected					
							128. Pentachlorophenol	625	ug/l	ND	158. Methoxychlor	608	ug/l	ND						
							129. 2,4,6-Trichlorophenol	625	ug/l	ND	159. Toxaphene	608	ug/l	ND						
							130. A-BHC	625	ug/l	ND	160. PAH's	608	ug/l	ND						

UNICIPAL WATER DISTRICT
 WATER RECYCLING FACILITY
 1 of 3

PADRE DAM MUNICIPAL WATER DISTRICT
 PADRE DAM WATER RECYCLING FACILITY
 2 of 3

PADRE DAM MUNICIPAL WATER DISTRICT
 PADRE DAM WATER RECYCLING FACILITY
 3 of 3

REPORT DATE: Jan. thru Dec. 2000					SAMPLE TYPE: GRAB / COMPOSITE					REPORT DATE: Jan. thru Dec. 2000					SAMPLE TYPE: GRAB / COMPOSITE				
REPORT DUE: February 28th 2001					SAMPLE FREQUENCY: ANNUAL					REPORT DUE: February 28th 2001					SAMPLE FREQUENCY: ANNUAL				
REPORT FREQUENCY: ANNUAL					COLLECTED BY: DD, RN					REPORT FREQUENCY: ANNUAL					COLLECTED BY: DD, RN				
TITLE: Water Recycling Superintendent					ANALYZED BY: Env. Eng. Lab & D. White					TITLE: Water Recycling Superintendent					ANALYZED BY: Env. Eng. Lab & D. White				
SIGNED BY:					SAMPLE POINT: Carlton Hills Blvd.					SIGNED BY:					SAMPLE POINT: Carlton Hills Blvd.				
RECEIVING AND ANALYSIS REQUIREMENTS CIPAL WATER DISTRICT MRP No. 98-60					RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60					RECEIVING WATERS SAMPLING / PADRE DAM MUNICIPAL WA									
Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results			
ND	27. 1,4-Dichlorobenzene	624	ug/l	ND	53. Acenaphthene	625	mg/l	ND	79. Benzo (b) fluoranthene	625	ug/l	ND	101. Nitrobenzene	625	mg/l	ND			
ND	28. Tetrachloroethene	624	ug/l	ND	54. Anthracene	625	ug/l	ND	80. Benzo (a) pyrene	625	ug/l	ND	102. Aroclor 1016	625	ug/l	ND			
ND	29. Toluene	624	ug/l	ND	55. Benzo (a) anthracene	625	ug/l	ND	81. Benzyl butyl phthalate	625	ug/l	ND	103. Aroclor 1232	625	ug/l	ND			
ND	30. Trans-1,2-Dichloroethene	624	ug/l	ND	56. Benzo (k) fluoranthene	625	ug/l	ND	82. D-BHC	625	ug/l	ND	104. Aroclor 1248	625	ug/l	ND			
ND	31. Trans-1,3-Dichloropropene	624	ug/l	ND	57. Benzo (ghi) perylene	625	ug/l	ND	83. Bis (2-chloroethoxy) methane	625	ug/l	ND	105. Aroclor 1260	625	ug/l	ND			
ND	32. Trichloroethene	624	ug/l	ND	58. B-BHC	625	ng/l	ND	84. Bis (2-chloroisopropyl) ether	625	ug/l	ND	106. Pyrene	625	ng/l	ND			
ND	33. Trichlorofluoromethane	624	ug/l	ND	59. Bis (2-chloroethyl) ether	625	ug/l	ND	85. Chlordane	625	ug/l	ND	107. 1,2,4-Trichlorobenzene	625	ug/l	ND			
ND	34. Vinyl Chloride	624	ug/l	ND	60. Bis (2-ethylhexyl) phthalate	625	ug/l	ND	86. 4-Chlorophenyl phenyl ether	625	ug/l	ND	108. 2-Chlorophenol	625	ug/l	ND			
ND	35. Xylenes (m+p)	624	ug/l	ND	61. 4-Bromophenyl phenyl ether	625	ug/l	ND	87. 4,4'-DDD	625	ug/l	ND	109. 2,4-Dimethylphenol	625	ug/l	ND			
ND	36. Xylenes (ortho)	624	ug/l	ND	62. 2-Chloronaphthalene	625	ug/l	ND	88. 4,4'-DDT	625	ug/l	ND	110. 2-Methyl-4,6-dinitrophenyl	625	ug/l	ND			
ND	37. Acenaphthylene	525.2	ug/l	ND	63. Chrysene	625	ug/l	ND	89. Di-n-butylphthalate	625	ug/l	ND	111. 4-Nitrophenyl	625	ug/l	ND			
ND	38. Benzo (a) anthracene	525.2	ug/l	ND	64. 4,4'-DDE	625	ug/l	ND	90. 1,2-Dichlorobenzene	625	ug/l	ND	112. Phenol	625	ug/l	ND			
ND	39. Benzo (ghi) perylene	525.2	ug/l	ND	65. Dibenzo (ah) anthracene	625	ug/l	ND	91. 3,3'-Dichlorobenzidine	625	ug/l	ND	113. Benzidine	625	ug/l	ND			
ND	40. Chrysene	525.2	ug/l	ND	66. 1,3-Dichlorobenzene	625	ug/l	ND	92. Diethyl phthalate	625	ug/l	ND	114. Y-BHC	625	ug/l	ND			
ND	41. Fluorene	525.2	ug/l	ND	67. 1,4-Dichlorobenzene	625	ug/l	ND	93. 2,4-Dinitrotoluene	625	ug/l	ND	115. Endosulfan II	625	ug/l	ND			
ND	42. Penanthrene	525.2	ug/l	ND	68. Dieldrin	625	ug/l	ND	94. Di-n-octylphthalate	625	ug/l	ND	116. Hexachlorocyclopentadiene	625	ug/l	ND			
ND	43. Acenaphthene	525.2	ug/l	ND	69. Dimethyl phthalate	625	ug/l	ND	95. Endosulfan Sulfate	625	ug/l	ND	117. N-Nitrosodiphenylamine	625	ug/l	ND			
ND	44. Pyrene	525.2	ug/l	ND	70. 2,6-Dinitrotoluene	625	ug/l	ND	96. Fluorene	625	ug/l	ND	118. N-Nitrosodi-n-propylamine	625	ug/l	ND			
ND	45. Anthracene	525.2	ug/l	ND	71. 1,2-Diphenylhydrazine	625	ug/l	ND	97. Heptachlor Epoxide	625	ug/l	ND	119. Aroclor 1221	625	ug/l	ND			
ND	46. Benzo (b) fluoranthene	525.2	ug/l	ND	72. Fluoranthene	625	ug/l	ND	98. Hexachlorobutadiene	625	ug/l	ND	120. Aroclor 1242	625	ug/l	ND			
ND	47. Benzo (k) fluoranthene	525.2	ug/l	ND	73. Heptachlor	625	ug/l	ND	99. Indeno (1,2,3-cd) pyrene	625	ug/l	ND	121. Aroclor 1254	625	ug/l	ND			
ND	48. Dibenzo (ah) anthracene	525.2	ug/l	ND	74. Hexachlorobenzene	625	ug/l	ND	100. Naphthalene	625	ug/l	ND	122. Phenanthrene	625	ug/l	ND			
ND	49. Indeno (1,2,3-cd) pyrene	525.2	ug/l	ND	75. Hexachloroethane	625	ug/l	ND	101. TCDD Equivalents	625	ug/l	ND	123. Toxaphene	625	ug/l	ND			
ND	50. Fluoranthene	525.2	ug/l	ND	76. Isophorone	625	ug/l	ND	102. Cyanide		ug/l	ND	124. 4-Chloro-3-methylphenol	625	ug/l	ND			
ND	51. Naphthalene	525.2	ug/l	ND	77. Acenaphthylene	625	pg/l	ND					125. 2,4-Dichlorophenol	625	ug/l	ND			
ND	52. Benzo (a) pyrene	525.2	ug/l	ND	78. Aldrin	625	ug/l	ND					126. 2,4-Dinitrophenol	625	ug/l	ND			
													127. 2-Nitrophenol	625	ug/l	ND			
													128. Pentachlorophenol	625	ug/l	ND			
													129. 2,4,6-Trichlorophenol	625	ug/l	ND			
													130. A-BHC	625	ug/l	ND			
													ND- Non Detected						

AL WATER DISTRICT
RECYCLING FACILITY

3

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

1 of 3

PADRE DAM MUNICIPAL W
PADRE DAM WATER RECYC

2 of 3

REPORT DATE: Jan. thru Dec. 2000				SAMPLE TYPE: GRAB / COMPOSITE				REPORT DATE: Jan. thru Dec. 2000				SAMPLE TYPE: GRAB / COMPOSITE				REPORT			
REPORT DUE: February 28th 2001				SAMPLE FREQUENCY: ANNUAL				REPORT DUE: February 28th 2001				SAMPLE FREQUENCY: ANNUAL				REPORT			
REPORT FREQUENCY: ANNUAL				COLLECTED BY: DD, RN				REPORT FREQUENCY: ANNUAL				COLLECTED BY: DD, RN				REPORT			
TITLE: Water Recycling Superintendent				ANALYZED BY: Env. Eng. Lab & D. White				TITLE: Water Recycling Superintendent				ANALYZED BY: Env. Eng. Lab & D. White				TITLE: W			
SIGNED BY:				SAMPLE POINT: #5 Mission Ponds				SIGNED BY:				SAMPLE POINT: #5 Mission Ponds				SIGNED			
AND ANALYSIS REQUIREMENTS TER DISTRICT MRP No. 98-60				RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60								RECEIVING WATERS SAMPLING AND AN PADRE DAM MUNICIPAL WATER DIS'							
Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Cc			
131. Endosulfan I	625	ug/l	ND	1. 1,1,1- Trichloroethane	624	mg/l	ND	27. 1,4- Dichlorobenzene	624	ug/l	ND	53. Acenaphthene	625	mg/l	ND	79. Benzo (t			
132. Endrin	625	ug/l	ND	2. 1,1,2,2- Tetrachloethane	624	ug/l	ND	28. Tetrachloroethene	624	ug/l	ND	54. Anthracene	625	ug/l	ND	80. Benzo (e			
133. N-Nitrosodimethylamine	625	ug/l	ND	3. 1,1,2- Trichloroethane	624	ug/l	ND	29. Toluene	624	ug/l	ND	55. Benzo (a) anthracene	625	ug/l	ND	81. Benzo (l			
134. 4,4'-DDD	608	ug/l	ND	4. Cis-1,3- Dichloropropene	624	ug/l	ND	30. Trans-1,2-Dichloroethene	624	ug/l	ND	56. Benzo (k) fluoranthene	625	ug/l	ND	82. D-BHC			
135. 4,4'-DDE	608	ug/l	ND	5. Dibromochloromethane	624	ug/l	ND	31. Trans-1,3-Dichloropropene	624	ug/l	ND	57. Benzo (ghi) perylene	625	ug/l	ND	83. Bis (2-cl			
136. 4,4'-DDT	608	ug/l	ND	6. Ethylbenzene	624	ng/l	ND	32. Trichloroethene	624	ug/l	ND	58. B-BHC	625	ng/l	ND	84. Bis (2-cl			
137. A-BHC	608	ug/l	ND	7. Methyl tert Butyl Ether	624	ug/l	ND	33. Trichlorofluoromethane	624	ug/l	ND	59. Bis (2-chloroethyl) ether	625	ug/l	ND	85. Chlorda			
138. Aldrin	608	ug/l	ND	8. Methylene Chloride	624	ug/l	ND	34. Vinyl Chloride	624	ug/l	ND	60. Bis (2-ethylhex) phthalate	625	ug/l	ND	86. 4-Chloro			
139. Aroclor 1016	608	ug/l	ND	9. 2- Chloroethylvinyl Ether	624	ug/l	ND	35. Xylenes (m+p)	624	ug/l	ND	61. 4-Bromophenyl phenyl ether	625	ug/l	ND	87. 4,4'-DD			
140. Aroclor 1221	608	ug/l	ND	10. Acrolein	624	ug/l	ND	36. Xylenes (ortho)	624	ug/l	ND	62. 2-Chloronaphthalene	625	ug/l	ND	88. 4,4'-DD'			
141. Aroclor 1232	608	ug/l	ND	11. Acrylonitrile	624	ug/l	ND	37. Acenaphthylene	525.2	ug/l	ND	63. Chrysene	625	ug/l	ND	89. Di-n-bu			
142. Aroclor 1242	608	ug/l	ND	12. Benzene	624	ug/l	ND	38. Benzo (a) anthracene	525.2	ug/l	ND	64. 4,4' -DDE	625	ug/l	ND	90. 1,2-Dich			
143. Aroclor 1248	608	ug/l	ND	13. Bromodichloromethane	624	ug/l	ND	39. Benzo (ghi) perylene	525.2	ug/l	ND	65. Dibenzo (ah) anthracene	625	ug/l	ND	91. 3,3'-Dich			
144. Aroclor 1254	608	ug/l	ND	14. Bromoform	624	ug/l	ND	40. Chrysene	525.2	ug/l	ND	66. 1,3-Dichlorobenzene	625	ug/l	ND	92. Diethyl			
145. Aroclor 1260	608	ug/l	ND	15. Bromomethane	624	ug/l	ND	41. Fluorene	525.2	ug/l	ND	67. 1,4-Dichlorobenzene	625	ug/l	ND	93. 2,4-Dini			
146. B-BHC	608	ug/l	ND	16. Carbon Tetrachloride	624	ug/l	ND	42. Penanthrene	525.2	ug/l	ND	68. Dieldrin	625	ug/l	ND	94. Di-n-oct			
147. Chlordane	608	ug/l	ND	17. Chlorobenzene	624	ug/l	ND	43. Acenaphthene	525.2	ug/l	ND	69. Dimethyl phthalate	625	ug/l	ND	95. Endosul			
148. D-BHC	608	ug/l	ND	18. Chloroethane	624	ug/l	ND	44. Pyrene	525.2	ug/l	ND	70. 2,6-Dinitrotoluene	625	ug/l	ND	96. Fluoren			
149. Dieldrin	608	ug/l	ND	19. Chloroform	624	ug/l	ND	45. Anthracene	525.2	ug/l	ND	71. 1,2- Diphenylhydrazine	625	ug/l	ND	97. Heptach			
150. Endosulfan I	608	ug/l	ND	20. Chloromethane	624	ug/l	ND	46. Benzo (b) fluoranthene	525.2	ug/l	ND	72. Fluoranthene	625	ug/l	ND	98. Hexachl			
151. Endosulfan II	608	ug/l	ND	21. 1,1- Dichloroethane	624	ug/l	ND	47. Benzo (k) fluoranthene	525.2	ug/l	ND	73. Heptachlor	625	ug/l	ND	99. Indeno (
152. Endosulfan Sulfate	608	ug/l	ND	22. 1,1- Dichloroethene	624	ug/l	ND	48. Dibenzo (ah) anthracene	525.2	ug/l	ND	74. Hexachlorobenzene	625	ug/l	ND	100. Naphth			
153. Endrin	608	ug/l	ND	23. 1,2- Dichlorobenzene	624	ug/l	ND	49. Indeno (1,2,3-cd) pyrene	525.2	ug/l	ND	75. Hexachloroethane	625	ug/l	ND	101. TCDD			
154. Endrin Aldehyde	608	ug/l	ND	24. 1,2-Dichloroethane	624	ug/l	ND	50. Fluoranthene	525.2	ug/l	ND	76. Isophorone	625	ug/l	ND	102. Cyanic			
155. Heptachlor	608	ug/l	ND	25. 1,2-Dichloropropane	624	pg/l	ND	51. Naphthalene	525.2	ug/l	ND	77. Acenaphthylene	625	pg/l	ND				
156. Heptachlor Epoxide	608	ug/l	ND	26. 1,3- Dichlorobenzene	624	ug/l	ND	52. Benzo (a) pyrene	525.2	ug/l	ND	78. Aldrin	625	ug/l	ND				
157. Lindane	608	ug/l	ND	ND- Non Detected								ND- Non Detected							
158. Methoxychlor	608	ug/l	ND																
159. Toxaphene	608	ug/l	ND																
160. PAH's	608	ug/l	ND																

ATER DISTRICT
ING FACILITY

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

3 of 3

PADRE DAM MUNICIPAL WATER D
PADRE DAM WATER RECYCLING FAC

1 of 2

DATE: Jan. thru Dec. 2000				SAMPLE TYPE: GRAB / COMPOSITE				REPORT DATE: Jan. thru Dec. 1999			
DUE: February 28th 2001				SAMPLE FREQUENCY: ANNUAL				REPORT DUE: February 28th 2000			
FREQUENCY: ANNUAL				COLLECTED BY: DD, RN				REPORT FREQUENCY: ANNUAL			
ater Recycling Superintendent				ANALYZED BY: Env. Eng. Lab & D. White				TITLE: Water Recycling Superintendent			
BY:				SAMPLE POINT: #5 Mission Ponds				SIGNED BY:			
ANALYSIS REQUIREMENTS RICT MRP No. 98-60				RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60							
Constituents	EPA	Units	Results	Constituents	EPA	Units	Results	Constituents	EPA	Units	Results
b) fluoranthene	625	ug/l	ND	101. Nitrobenzene	625	mg/l	ND	131. Endosulfan I	625	ug/l	ND
a) pyrene	625	ug/l	ND	102. Aroclor 1016	625	ug/l	ND	132. Endrin	625	ug/l	ND
butyl phthalate	625	ug/l	ND	103. Aroclor 1231	625	ug/l	ND	133. N-Nitrosodimethylamine	625	ug/l	ND
	625	ug/l	ND	104. Aroclor 1248	625	ug/l	ND	134. 4,4'-DDD	608	ug/l	ND
chloroethoxy methane	625	ug/l	ND	105. Aroclor 1260	625	ug/l	ND	135. 4,4'-DDE	608	ug/l	ND
chloroisopropyl ether	625	ug/l	ND	106. Pyrene	625	ug/l	ND	136. 4,4'-DDT	608	ug/l	ND
ane	625	ug/l	ND	107. 1,2,4-Trichlorobenzene	625	ug/l	ND	137. A-BHC	608	ug/l	ND
ophenyl phenyl ether	625	ug/l	ND	108. 2-Chlorophenol	625	ug/l	ND	138. Aldrin	608	ug/l	ND
ND	625	ug/l	ND	109. 2,4-Dimethylphenol	625	ug/l	ND	139. Aroclor 1016	608	ug/l	ND
T	625	ug/l	ND	110. 2-Methyl-4,6-dinitrophenyl	625	ug/l	ND	140. Aroclor 1221	608	ug/l	ND
tylphthalate	625	ug/l	ND	111. 4-Nitrophenyl	625	ug/l	ND	141. Aroclor 1232	608	ug/l	ND
lorobenzene	625	ug/l	ND	112. Phenol	625	ug/l	ND	142. Aroclor 1242	608	ug/l	ND
lorobenzidine	625	ug/l	ND	113. Benzidine	625	ug/l	ND	143. Aroclor 1248	608	ug/l	ND
phthalate	625	ug/l	ND	114. Y-BHC	625	ug/l	ND	144. Aroclor 1254	608	ug/l	ND
irtotoluene	625	ug/l	ND	115. Endosulfan II	625	ug/l	ND	145. Aroclor 1260	608	ug/l	ND
tylphthalate	625	ug/l	ND	116. Hexachlorocyclopentadiene	625	ug/l	ND	146. B-BHC	608	ug/l	ND
lfan Sulfate	625	ug/l	ND	117. N-Nitrosodiphenylamine	625	ug/l	ND	147. Chlordane	608	ug/l	ND
te	625	ug/l	ND	118. N-Nitrosodi-n-propylamine	625	ug/l	ND	148. D-BHC	608	ug/l	ND
lor Epoxide	625	ug/l	ND	119. Aroclor 1221	625	ug/l	ND	149. Dieldrin	608	ug/l	ND
lorobutadiene	625	ug/l	ND	120. Aroclor 1242	625	ug/l	ND	150. Endosulfan I	608	ug/l	ND
(1,2,3-cd) pyrene	625	ug/l	ND	121. Aroclor 1254	625	ug/l	ND	151. Endosulfan II	608	ug/l	ND
halene	625	ug/l	ND	122. Phenanthrene	625	ug/l	ND	152. Endosulfan Sulfate	608	ug/l	ND
* Equivalents	625	ug/l	ND	123. Toxaphene	625	ug/l	ND	153. Endrin	608	ug/l	ND
de		ug/l	ND	124. 4-Chloro-3-methylphenol	625	ug/l	ND	154. Endrin Aldehyde	608	ug/l	ND
				125. 2,4-Dichlorophenol	625	ug/l	ND	155. Heptachlor	608	ug/l	ND
				126. 2,4-Dinitrophenol	625	ug/l	ND	156. Heptachlor Epoxide	608	ug/l	ND
				127. 2-Nitrophenol	625	ug/l	ND	157. Lindane	608	ug/l	ND
				128. Pentachlorophenol	625	ug/l	ND	158. Methoxychlor	608	ug/l	ND
				129. 2,4,6-Trichlorophenol	625	ug/l	ND	159. Toxaphene	608	ug/l	ND
				130. A-BHC	625	ug/l	ND	160. PAH's	608	ug/l	ND

ND- Non Detected

SAMPLE TYPE: GRAB			REPORT DATE:		
SAMPLE FREQUENCY: ANNUAL			REPORT DUE:		
COLLECTED BY:			REPORT FREQUENCY:		
ANALYZED BY: Env. Eng. Lab			TITLE: Water Recycling		
SAMPLE POINT: #3 Sycamore Creek			SIGNED BY:		
RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRP					
Constituents	Units	Results	Constituents	Units	Results
1. 1,2-Dichlorobenzene	mg/l		21. Thallium		
2. 1,3-Dichlorobenzene	ug/l		22. Aldrin		
3. Endosulfan	ug/l		23. Benzene		
4. Endrin	ug/l		24. Chlordane		
5. Fluoranthene	ug/l		25. Chloroform		
6. Mercury	ng/l		26. DDT		
7. Toluene	mg/l		27. 1,4-Dichlorobenzene		
8. Acrolein	ug/l		28. Dichloroethane		
9. Antimony	mg/l		29. Dieldrin		
10. Chlorobenzene	mg/l		30. Halomethane		
11. Dibutylphthalate	mg/l		31. Heptachlor		
12. Diethylphthalate	mg/l		32. Heptachlor Epoxide		
13. 2,4-Dimethylphenol	mg/l		33. Hexachlorobenzene		
14. Dimethylphthalate	mg/l		34. PAH's		
15. 2,4-Dinitrophenol	mg/l		35. PCB's		
16. Ethylbenzene	mg/l		36. Pentachlorophenol		
17. Nitrobenzene	mg/l		37. TCDD equivalents		
18. 1,1,1-Trichloroethane	mg/l		38. Hexachlorocyclopentadiene		
19. Bis(2-Chloroisopropyl) ether	mg/l		39. Bis(2-ethylhexyl)phthalate		
20. 4,6-Dinitro-2-methylphenol	ug/l		40. Bis(2-chloroethyl) ether		

ND - Non-detected

DISTRICT
CITY

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

2 of 2

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

1 of 2

		SAMPLE TYPE: GRAB				REPORT DATE:						SAMPLE TYPE: GRAB				REPORT DATE:				SAMPLE T	
		SAMPLE FREQUENCY: ANNUAL				REPORT DUE:						SAMPLE FREQUENCY: ANNUAL				REPORT DUE:				SAMPLE F	
Y: ANNUAL		COLLECTED BY:				REPORT FREQUENCY: ANNUAL						COLLECTED BY:				REPORT FREQUENCY: ANNUAL				COLLECTI	
g Superintendent		ANALYZED BY: Env. Eng. Lab				TITLE: Water Recycling Superintendent						ANALYZED BY: Env. Eng. Lab				TITLE: Water Recycling Superintendent				ANALYZE	
		SAMPLE POINT: #3 Sycamore Creek				SIGNED BY:						SAMPLE POINT: #4 Mission Dam				SIGNED BY:				SAMPLE P	
REQUIREMENTS		RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS								RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS								REC			
' No. 93-48		PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 93-48								PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 93-48											
	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Consti			
	ug/l		41. Toxaphene	pg/l		54. Isophorone	ug/l		1. 1,2-Dichlorobenzene	mg/l		21. Thallium	ug/l		41. Toxaphene						
	pg/l		42. 2,4,6-Trichlorophenol	ug/l		55. Tetrachloroethylene	ug/l		2. 1,3-Dichlorobenzene	ug/l		22. Aldrin	pg/l		42. 2,4,6-Trich						
	ug/l		43. Acrylonitrile	ug/l		56. Trichloroethylene	ug/l		3. Endosulfan	ug/l		23. Benzene	ug/l		43. Acrylonitr						
	pg/l		44. Benzidine	ng/l		57. Vinyl Chloride	ug/l		4. Endrin	ug/l		24. Chlordane	pg/l		44. Benzidine						
	ug/l		45. Beryllium	ug/l		58. 1,2-Dichloroethane	ug/l		5. Fluoranthene	ug/l		25. Chloroform	ug/l		45. Beryllium						
	pg/l		46. 1,1-Dichloroethylene	ug/l		59. Hexachloroethane	ug/l		6. Mercury	ng/l		26. DDT	pg/l		46. 1,1-Dichlo						
	ug/l		47. 1,3-Dichloropropene	ug/l		60. Hexachlorobutadiene	ug/l		7. Toluene	mg/l		27. 1,4-Dichlorobenzene	ug/l		47. 1,3-Dichlo						
	ug/l		48. 1,2-Diphenylhydrazine	ug/l		61. 2,4-Dinitrotoluene	ug/l		8. Acrolein	ug/l		28. Dichloroethane	ug/l		48. 1,2-Diphe						
	pg/l					62. N-nitrosodimethylamine	ng/l		9. Antimony	mg/l		29. Dieldrin	pg/l								
	ug/l		49. Carbon Tetrachloride	ug/l					10. Chlorobenzene	mg/l		30. Halomethane	ug/l		49. Carbon Te						
	ng/l					63. N-nitrosodiphenylamine	ug/l		11. Dibutylphthalate	mg/l		31. Heptachlor	ng/l								
	ng/l		50. 3,3-Dichlorobenzidine	ug/l		64. 1,1,2-Trichloroethane	ug/l		12. Diethylphthalate	mg/l		32. Heptachlor Epoxide	ng/l		50. 3,3-Dichlo						
	ng/l		51. 1,1,2,2-Tetrachloroethane	ug/l		65. Hexachlorocyclohexane (beta)	ng/l		13. 2,4-Dimethylphenol	mg/l		33. Hexachlorobenzene	ng/l		51. 1,1,2,2-Tet						
	pg/l								14. Dimethylphthalate	mg/l		34. PAH's	ng/l		ethane						
	ug/l		52. Hexachlorocyclohexane (alpha)	ng/l					15. 2,4-Dinitrophenol	mg/l		35. PCB's	pg/l		52. Hexachlor						
	pg/l								16. Ethylbenzene	mg/l		36. Pentachlorophenol	ug/l		hexane (al						
	mg/l		53. Hexachlorocyclohexane (gamma)	ng/l					17. Nitrobenzene	mg/l		37. TCDD equivalents	pg/l		53. Hexachlor						
			ND - Non-detected				Revised 3/97				18. 1,1,1-Trichloroethane	mg/l		38. Hexachlorocyclopentadiene	mg/l		hexane (g				
	ug/l								19. Bis(2-Chloroisopropyl) ether	mg/l		39. Bis(2-ethylhexyl)phthalate	ug/l								
	ug/l								20. 4,6-Dinitro-2-methylphenol	ug/l		40. Bis(2-chloroethyl) ether	ug/l								

Revised 3/97

ND - Non-detected

Revised 3/97

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

2 of 2

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

1 of 2

PADRE DAM MUNICIPAL WATER DISTRICT
PADRE DAM WATER RECYCLING FACILITY

2 of 2

TYPE: GRAB						REPORT DATE:						SAMPLE TYPE: GRAB						REPORT DATE:																	
FREQUENCY: ANNUAL						REPORT DUE:						SAMPLE FREQUENCY: ANNUAL						REPORT DUE:																	
ED BY:						REPORT FREQUENCY: ANNUAL						COLLECTED BY:						REPORT FREQUENCY: ANNUAL																	
LAB: Env. Eng. Lab						TITLE: Water Recycling Superintendent						ANALYZED BY: Env. Eng. Lab						TITLE: Water Recycling Superintendent																	
POINT: #4 Mission Dam						SIGNED BY:						SAMPLE POINT: #5 Mission Pond						SIGNED BY:																	
RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRF No. 93-48												RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRF No. 93-48												RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRF No. 93-48											
Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results																		
1,2-Dichlorobenzene	ug/1	ND	21. Thallium	ug/1	ND	41. Toxaphene	pg/1	ND	1. Isophorone	ug/1		22. Aldrin	pg/1	ND	42. 2,4,6-Trichlorophenol	ug/1	ND																		
2. 1,3-Dichlorobenzene	ug/1	ND	23. Benzene	ug/1	ND	43. Acrylonitrile	ug/1	ND	54. Isophorone	ug/1		24. Chlordane	pg/1	ND	44. Benzidine	ng/1	ND																		
3. Endosulfan	ug/1	ND	25. Chloroform	ug/1	ND	45. Beryllium	ug/1	ND	55. Tetrachloroethylene	ug/1		26. DDT	pg/1	ND	46. 1,1-Dichloroethylene	ug/1	ND																		
4. Endrin	ug/1	ND	27. 1,4-Dichlorobenzene	ug/1	ND	47. 1,3-Dichloropropene	ug/1	ND	56. Trichloroethylene	ug/1		28. Dichloroethane	ug/1	ND	48. 1,2-Diphenylhydrazine	ug/1	ND																		
5. Fluoranthene	ug/1	ND	29. Dieldrin	pg/1	ND	49. Carbon Tetrachloride	ug/1	ND	57. Vinyl Chloride	ug/1		30. Halomethane	ug/1	ND																					
6. Mercury	ng/1	ND	31. Heptachlor	ng/1	ND	50. 3,3-Dichlorobenzidine	ug/1	ND	58. 1,2-Dichloroethane	ug/1		32. Heptachlor Epoxide	ng/1	ND	51. 1,1,2,2-Tetrachloroethane	ug/1	ND																		
7. Toluene	mg/1	ND	33. Hexachlorobenzene	ng/1	ND	52. Hexachlorocyclohexane (alpha)	ng/1	ND	59. Hexachloroethane	ug/1		34. PAH's	ng/1	ND																					
8. Acrolein	ug/1	ND	35. PCB's	pg/1	ND	53. Hexachlorocyclohexane (gamma)	ng/1	ND	60. Hexachlorobutadiene	ug/1		36. Pentachlorophenol	ug/1	ND																					
9. Antimony	mg/1	ND	37. TCDD equivalents	pg/1	ND				61. 2,4-Dinitrotoluene	ug/1		38. Hexachlorocyclopentadiene	mg/1	ND																					
10. Chlorobenzene	mg/1	ND	39. Bis(2-ethylhexyl)phthalate	ug/1	ND				62. N-nitrosodimethylamine	ng/1		40. Bis(2-chloroethyl) ether	ug/1	ND																					
11. Dibutylphthalate	mg/1	ND							63. N-nitrosodiphenylamine	ug/1																									
12. Diethylphthalate	mg/1	ND							64. 1,1,2-Trichloroethane	ug/1																									
13. 2,4-Dimethylphenol	mg/1	ND							65. Hexachlorocyclohexane (beta)	ng/1																									
14. Dimethylphthalate	mg/1	ND																																	
15. 2,4-Dinitrophenol	mg/1	ND																																	
16. Ethylbenzene	mg/1	ND																																	
17. Nitrobenzene	mg/1	ND																																	
18. 1,1,1-Trichloroethane	mg/1	ND																																	
19. Bis(2-Chloroisopropyl) ether	mg/1	ND																																	
20. 4,6-Dinitro-2-methylphenol	ug/1	ND																																	

ND - Non-detected

Revised 3/97

ND - Non-detected

Revised 3/97

ND - Non-detected

PAL WATER DISTRICT
 RECYCLING FACILITY
 f 2

PADRE DAM MUNICIPAL WATER DISTRICT
 PADRE DAM WATER RECYCLING FACILITY
 1 of 2

PADRE DAM MUNICIPAL WATER DISTRICT
 PADRE DAM WATER RECYCLING FACILITY
 2 of 2

REPORT DATE:	SAMPLE TYPE: GRAB	REPORT DATE:	SAMPLE TYPE: GRAB	REPORT DATE:									
REPORT DUE:	SAMPLE FREQUENCY: ANNUAL	REPORT DUE:	SAMPLE FREQUENCY: ANNUAL	REPORT DUE:									
REPORT FREQUENCY: ANNUAL	COLLECTED BY:	REPORT FREQUENCY: ANNUAL	COLLECTED BY:	REPORT FREQUENCY: ANNUAL									
TITLE: Water Recycling Superintendent	ANALYZED BY: Env. Eng. Lab	TITLE: Water Recycling Superintendent	ANALYZED BY: Env. Eng. Lab	TITLE: Water Recycling Superintendent									
SIGNED BY:	SAMPLE POINT: #6 I-5 Estuary	SIGNED BY:	SAMPLE POINT: #6 I-5 Estuary	SIGNED BY:									
AND ANALYSIS REQUIREMENTS WATER DISTRICT MRP No. 93-48	RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENTS PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60		RECEIVING WATERS SAMPLING AND ANALYSIS REQUIREMENT PADRE DAM MUNICIPAL WATER DISTRICT MRP No. 98-60										
Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results	Constituents	Units	Results		
54. Isophorone	ug/l	ND	1. 1,2-Dichlorobenzene	mg/l		21. Thallium	ug/l		41. Toxaphene	pg/l		54. Isophorone	ug/l
55. Tetrachoroethene	ug/l	ND	2. 1,3-Dichlorobenzene	ug/l		22. Aldrin	pg/l		42. 2,4,6-Trichlorophenol	ug/l		55. Tetrachoroethylene	ug/l
56. Trichloroethene	ug/l	ND	3. Endosulfan	ug/l		23. Benzene	ug/l		43. Acrylonitrile	ug/l		56. Trichloroethylene	ug/l
57. Vinyl Chloride	ug/l	ND	4. Endrin	ug/l		24. Chlordane	pg/l		44. Benzidine	ng/l		57. Vinyl Chloride	ug/l
58. 1,2-Dichloroethane	ug/l	ND	5. Fluoranthene	ug/l		25. Chloroform	ug/l		45. Beryllium	ug/l		58. 1,2-Dichloroethane	ug/l
59. Hexachloroethane	ug/l	ND	6. Mercury	ng/l		26. DDT	pg/l		46. 1,1-Dichloroethylene	ug/l		59. Hexachloroethane	ug/l
60. Hexachlorobutadiene	ug/l	ND	7. Toluene	mg/l		27. 1,4-Dichlorobenzene	ug/l		47. 1,3-Dichloropropene	ug/l		60. Hexachlorobutadiene	ug/l
61. 2,4-Dinitrotoluene	ug/l	ND	8. Acrolein	ug/l		28. Dichloroethane	ug/l		48. 1,2-Diphenylhydrazine	ug/l		61. 2,4-Dinitrotoluene	ug/l
62. N-nitrosodimethylamine	ng/l	ND	9. Antimony	mg/l		29. Dieldrin	pg/l					62. N-nitrosodimethylamine	ng/l
63. N-nitrosodiphenylamine	ug/l	ND	10. Chlorobenzene	mg/l		30. Halomethane	ug/l		49. Carbon Tetrachloride	ug/l		63. N-nitrosodiphenylamine	ug/l
64. 1,1,2-Trichloroethane	ug/l	ND	11. Dibutylphthalate	mg/l		31. Heptachlor	ng/l		50. 3,3-Dichlorobenzidine	ug/l		64. 1,1,2-Trichloroethane	ug/l
65. Hexachlorocyclohexane (beta)	ng/l	ND	12. Diethylphthalate	mg/l		32. Heptachlor Epoxide	ng/l		51. 1,1,2,2-Tetrachloroethane	ug/l		65. Hexachlorocyclohexane (beta)	ng/l
			13. 2,4-Dimethylphenol	mg/l		33. Hexachlorobenzene	ng/l						
			14. Dimethylphthalate	mg/l		34. PAH's	ng/l		52. Hexachlorocyclohexane (alpha)	ng/l			
			15. 2,4-Dinitrophenol	mg/l		35. PCB's	pg/l						
			16. Ethylbenzene	mg/l		36. Pentachlorophenol	ug/l		53. Hexachlorocyclohexane (gamma)	ng/l			
			17. Nitrobenzene	mg/l		37. TCDD equivalents	pg/l						
			18. 1,1,1-Trichloroethane	mg/l		38. Hexachlorocyclopentadiene	mg/l						
			19. Bis(2-Chloroisopropyl) ether	mg/l		39. Bis(2-ethylhexyl)phthalate	ug/l						
			20. 4,6-Dinitro-2-methylphenol	ug/l		40. Bis(2-chloroethyl) ether	ug/l						

Revised 6/98

ND - Non-detected

Revised 6/98

ND - Non-detected

Revised 3/97

