Fact Sheet Attachment 3

City of Petaluma
Reasonable Potential Analysis (RPA)

#	Constituent name	C (µg/L) Lowest (most stringent) Criteria (Enter "No Criteria" for no criteria)	Step 2: Effluent Data Available (Y/N)?	Step 3: Are all data points non-detects (Y/N)?	Step 3: If all data points ND Enter the min detection limit (MDL) (ug/L)	Enter the pollutant effluent detected max conc (ug/L)	If all data points are ND and MinDL>C, interim monitoring is required	Step 4: Concentration from the effluent (MEC) (MEC= deteted max value; if all ND & MDL<C then MEC = MDL)	MEC vs. C (1. If MEC> or =C, effluent limitation is required; 2. If MEC<C, go to Step 5)	Step 2: B Available (Y/N)?	Step 3: Are all B data points non-detects (Y/N)?	Step 3: If all data points ND Enter the min detection limit (MDL) (ug/L)	Step 5: Enter the pollutant B detected max conc (ug/L)	If all B is ND, is MDL>C?	Step 6: B vs. C (If B>C, effluent limitation is required)	Steps 7 & 8 (7) Review other information in the SIP page 4. If information is unavailable or insufficient; 8) the RWQCB shall establish interim monitoring requirements.)	RPA Result	Reason
1	Antimony	4,300	Y	N		0.5		0.5	MEC<C, go to Step 5	Y	N		1.1		B<C, Step 7		No	MEC<C & B<C
2	Arsenic [b]	36	Y	N		3.6		3.6	MEC<C, go to Step 5	Y	N		29		B<C, Step 7		No	MEC<C & B<C
3	Beryllium	No Criteria	Y	Y	0.1		No Criteria	No Criteria	No Criteria	Y	Y	0.06		N	No Criteria	No Criteria	Uo	No Criteria
4	Cadmium [b]	1.88	Y	N		0.2		0.2	MEC<C, go to Step 5	Y	Y	0.03		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
5a	Chromium (III) [b]	350.13	N				No effluent data			N					No detected value of B, Step		Ud	no effluent data & no B
5b	Chromium (VI) [c]	11.43	Y	N		3		3	MEC<C, go to Step 5	Y	N		2.8		B<C, Step 7		No	MEC<C & B<C
6	Copper (303d listed) [c]	3.73	Y	N		6		6	MEC>=C, Effluent Limits Required	Y	N		14.7		B>C, Effluent Limit Required		Yes	MEC>C
7	Lead [b]	7.20	Y	N		0.6		0.6	MEC<C, go to Step 5	Y	N		0.83		B<C, Step 7		No	MEC<C & B<C
8	Mercury (303d listed) [b]	0.025	Y	N		0.021		0.021	MEC<C, go to Step 5	Y	N		0.018		B<C, Step 7		Yes	Staff BPJ
9	Nickel [b]	8.28	Y	N		6.8		6.8	MEC<C, go to Step 5	Y	N		24.5		B>C, Effluent Limit Required		Yes	B>C
10	Selenium (303d listed) [b]	5.00	Y	N		2		2	MEC<C, go to Step 5	Y	N		12		B>C, Effluent Limit Required		Yes	B>C
11	Silver [b]	2.24	Y	N		0.5		0.5	MEC<C, go to Step 5	Y	Y	0.02		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
12	Thallium	6.30	Y	N		0.2		0.2	MEC<C, go to Step 5	Y	N		0.2		B<C, Step 7		No	MEC<C & B<C
13	Zinc [b]	85.62	Y	N		40		40	MEC<C, go to Step 5	Y	N		20		B<C, Step 7		No	MEC<C & B<C
14	Cyanide [b]	1.00	Y	N		10		10	MEC>=C, Effluent Limits Required	Y	N		3		B>C, Effluent Limit Required		Yes	MEC>C
15	Asbestos	No Criteria	N					No Criteria	No Criteria	N					No Criteria	No Criteria	Uo	No Criteria
16	2,3,7,8 TCDD	0.000000014	Y	Y	6.37E-07		All ND, MinDL>C, Go to Step 5			Y	Y	6.37E-07		Y	No detected value of B, Step		No	UD; effluent data and B are ND
	TCDD TEQ (303d listed)	0.000000014	Y	N	8.73E-06			0.00000873	MEC>=C, Effluent Limits Required	Y	N		5.27E-08		B>C, Effluent Limit Required		Yes	MEC>C
17	Acrolein	780	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	1		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
18	Acrylonitrile	0.66	Y	Y	2		All ND, MinDL>C, Go to Step 5			Y	Y	1		Y	No detected value of B, Step		No	UD; effluent data and B are ND
19	Benzene	71	Y	N		1.4		1.4	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
20	Bromoform	360	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.2		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
21	Carbon Tetrachloride	4.4	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.42		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
22	Chlorobenzene	21,000	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
23	Chlorodibromomethane	34	Y	N		2.4		2.4	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
24	Chloroethane	No Criteria	Y	Y	0.5		No Criteria	No Criteria	No Criteria	Y	Y	0.34		N	No Criteria	No Criteria	Uo	No Criteria
25	2-Chloroethylvinyl ether	No Criteria	Y	N		6	No Criteria	No Criteria	No Criteria	Y	N		0.32		No Criteria	No Criteria	Uo	No Criteria
26	Chloroform	No Criteria	Y	N		8	No Criteria	No Criteria	No Criteria	Y	N		0.3		No Criteria	No Criteria	Uo	No Criteria
27	Dichlorobromomethane	46	Y	N		3.8		3.8	MEC<C, go to Step 5	Y	Y	0.2		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
28	1,1-Dichloroethane	No Criteria	Y	Y	0.5		No Criteria	No Criteria	No Criteria	Y	Y	0.34		N	No Criteria	No Criteria	Uo	No Criteria
29	1,2-Dichloroethane	99	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.2		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
30	1,1-Dichloroethylene	3.2	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.49		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
31	1,2-Dichloropropane	39	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.2		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
32	1,3-Dichloropropylene	1,700	N				No effluent data			Y	Y	0.2		N	No detected value of B, Step		No	Ud, no effluent data & B is ND
33	Ethylbenzene	29,000	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.4		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
34	Methyl Bromide	4,000	Y	N		85		85	MEC<C, go to Step 5	N					No detected value of B, Step		No	Ud;MEC<C & B is ND
35	Methyl Chloride	No Criteria	N				No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uo	No Criteria
36	Methylene Chloride	1,600	Y	N		0.9		0.9	MEC<C, go to Step 5	Y	Y	0.4		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
37	1,1,2,2-Tetrachloroethane	11	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
38	Tetrachloroethylene	8.85	Y	N		2.4		2.4	MEC<C, go to Step 5	Y	Y	0.44		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
39	Toluene	200,000	Y	N		4.6		4.6	MEC<C, go to Step 5	Y	Y	0.32		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
40	1,2-Trans-Dichloroethene	140,000	N				No effluent data			Y	Y	0.43		N	No detected value of B, Step		No	Ud, no effluent data & B is ND
41	1,1,1-Trichloroethane	No Criteria	Y	Y	0.5		No Criteria	No Criteria	No Criteria	Y	Y	0.49		N	No Criteria	No Criteria	Uo	No Criteria
42	1,1,2-Trichloroethane	42	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
43	Trichloroethylene	81	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
44	Vinyl Chloride	525	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.47		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
45	2-Chlorophenol	400	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
46	2,4-Dichlorophenol	790	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
47	2,4-Dimethylphenol	2,300	Y	Y	2		All ND, MDL<C, MEC=MDL	2	MEC<C, go to Step 5	Y	Y	0.9		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
48	2-Methyl- 4,6-Dinitrophenol	765	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.9		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
49	2,4-Dinitrophenol	14,000	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
50	2-Nitrophenol	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.7		N	No Criteria	No Criteria	Uo	No Criteria
51	4-Nitrophenol	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.6		N	No Criteria	No Criteria	Uo	No Criteria
52	3-Methyl 4-Chlorophenol	No Criteria	N				No Criteria	No Criteria	No Criteria	Y	Y	0.5		N	No Criteria	No Criteria	Uo	No Criteria
53	Pentachlorophenol	7.90	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.9		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
54	Phenol	4,600,000	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.4		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
55	2,4,6-Trichlorophenol	6.50	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
56	Acenaphthene	2,700	Y	Y	0.3		All ND, MDL<C, MEC=MDL	0.3	MEC<C, go to Step 5	Y	Y	0.17		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
57	Acenaphthylene	No Criteria	Y	Y	0.2		No Criteria	No Criteria	No Criteria	Y	Y	0.03		N	No Criteria	No Criteria	Uo	No Criteria
58	Anthracene	110,000	Y	Y	0.3		All ND, MDL<C, MEC=MDL	0.3	MEC<C, go to Step 5	Y	Y	0.16		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
59	Benzidine	0.00054	Y	Y	5		All ND, MinDL>C, Go to Step 5			Y	Y	1		Y	No detected value of B, Step		No	UD; effluent data and B are ND
60	Benzo(a)Anthracene	0.049	Y	Y	0.3		All ND, MinDL>C, Go to Step 5			Y	Y	0.12		Y	No detected value of B, Step		No	UD; effluent data and B are ND
61	Benzo(a)Pyrene	0.049	Y	Y	0.3		All ND, MinDL>C, Go to Step 5			Y	Y	0.09		Y	No detected value of B, Step		No	UD; effluent data and B are ND
62	Benzo(b)Fluoranthene	0.049	Y	Y	0.3		All ND, MinDL>C, Go to Step 5			Y	Y	0.11		Y	No detected value of B, Step		No	UD; effluent data and B are ND
63	Benzo(ghi)Perylene	No Criteria	Y	Y	0.1		No Criteria	No Criteria	No Criteria	Y	Y	0.06		N	No Criteria	No Criteria	Uo	No Criteria
64	Benzo(k)Fluoranthene	0.049	Y	Y	0.3		All ND, MinDL>C, Go to Step 5			Y	Y	0.16		Y	No detected value of B, Step		No	UD; effluent data and B are ND
65	Bis(2-Chloroethoxy)Methane	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.9		N	No Criteria	No Criteria	Uo	No Criteria
66	Bis(2-Chloroethyl)Ether	1.40	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
67	Bis(2-Chloroisopropyl)Ether	170,000	Y	Y	2		All ND, MDL<C, MEC=MDL	2	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
68	Bis(2-Ethylhexyl)Phthalate	5.90	Y	N		12		12	MEC>=C, Effluent Limits Required	Y	Y	0.8		N	No detected value of B, Step		Yes	MEC>C
69	4-Bromophenyl Phenyl Ether	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.4		N	No Criteria	No Criteria	Uo	No Criteria
70	Butylbenzyl Phthalate	5,200	N				No effluent data			Y	Y	0.8		N	No detected value of B, Step		No	Ud, no effluent data & B is ND
71	2-Chloronaphthalene	4,300	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.5		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
72	4-Chlorophenyl Phenyl Ether	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.5		N	No Criteria	No Criteria	Uo	No Criteria
73	Chrysene	0.049	Y	Y	0.3		All ND, MinDL>C, Go to Step 5			Y	Y	0.14		Y	No detected value of B, Step		No	UD; effluent data and B are ND
74	Dibenzo(a,h)Anthracene	0.049	Y	Y	0.1		All ND, MinDL>C, Go to Step 5			Y	Y	0.04		Y	No detected value of B, Step		No	UD; effluent data and B are ND
75	1,2-Dichlorobenzene	17,000	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.2		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
76	1,3-Dichlorobenzene	2,600	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
77	1,4-Dichlorobenzene	2,600	Y	Y	0.5		All ND, MDL<C, MEC=MDL	0.5	MEC<C, go to Step 5	Y	Y	0.3		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
78	3,3 Dichlorobenzidine	0.077	Y	Y	5		All ND, MinDL>C, Go to Step 5			Y	Y	0.3		Y	No detected value of B, Step		No	UD; effluent data and B are ND
79	Diethyl Phthalate	120,000	Y	Y	2		All ND, MDL<C, MEC=MDL	2	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
80	Dimethyl Phthalate	2,900,000	Y	Y	2		All ND, MDL<C, MEC=MDL	2	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
81	Di-n-Butyl Phthalate	12,000	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	1		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
82	2,4-Dinitrotoluene	9.10	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
83	2,6-Dinitrotoluene	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.6		N	No Criteria	No Criteria	Uo	No Criteria
84	Di-n-Octyl Phthalate	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.9		N	No Criteria	No Criteria	Uo	No Criteria
85	1,2-Diphenylhydrazine	0.54	Y	Y	1		All ND, MinDL>C, Go to Step 5			Y	Y	0.6		Y	No detected value of B, Step		No	UD; effluent data and B are ND
86	Fluoranthene	370	Y	Y	0.05		All ND, MDL<C, MEC=MDL	0.05	MEC<C, go to Step 5	Y	Y	0.03		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
87	Fluorene	14,000	Y	Y	0.1		All ND, MDL<C, MEC=MDL	0.1	MEC<C, go to Step 5	Y	Y	0.02		N	No detected value of B, Step		No	Ud;MEC<C & B is ND

City of Petaluma
Reasonable Potential Analysis (RPA)

		Beginning	Step 2	Step 3				Step 4		Step 2	Step 3		Step 5		Step 6	Steps 7 & 8	Final Result	
		C (µg/L) Lowest (most stringent) Criteria (Enter "No Criteria" for no criteria)	Effluent Data Available (Y/N)?	Are all data points ND non-detects (Y/N)?	If all data points ND Enter the min detection limit (MDL) (ug/L)	Enter the pollutant effluent detected max conc (ug/L)	If all data points are ND and MinDL>C, interim monitoring is required	Concentration from the effluent (MEC) (MEC= detected max value; if all ND & MDL<C then MEC = MDL)	MEC vs. C — 1. If MEC> or =C, effluent limitation is required; 2. If MEC<C, go to Step 5	B Available (Y/N)?	Are all B data points ND non-detects (Y/N)?	If all data points ND Enter the min detection limit (MDL) (ug/L)	Enter the pollutant B detected max conc (ug/L)	If all B is ND, is MDL>C?	B vs. C — If B>C, effluent limitation is required	7) Review other information in the SIP page 4. If information is unavailable or insufficient: 8) the RWQCB shall establish interim monitoring requirements.	RPA Result	Reason
	Constituent name																	
88	Hexachlorobenzene	0.00077	Y	Y	1		All ND, MinDL>C, Go to Step 5			Y	Y	0.4			No detected value of B, Step		No	UD; effluent data and B are ND
89	Hexachlorobutadiene	50	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
90	Hexachlorocyclopentadiene	17,000	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.4		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
91	Hexachloroethane	8.90	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
92	Indeno(1,2,3-cd)Pyrene	0.049	Y	Y	0.05		All ND, MinDL>C, Go to Step 5			Y	Y	0.04		N	No detected value of B, Step		No	UD; effluent data and B are ND
93	Isophorone	600	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.8		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
94	Naphthalene	No Criteria	Y	Y	0.2		No Criteria	No Criteria	No Criteria	Y	Y	0.05		N	No Criteria	No Criteria	Uo	No Criteria
95	Nitrobenzene	1,900	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
96	N-Nitrosodimethylamine	8.10	Y	Y	5		All ND, MDL<C, MEC=MDL	5	MEC<C, go to Step 5	Y	Y	0.6		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
97	N-Nitrosodi-n-Propylamin	1.40	Y	Y	5		All ND, MDL<C, MEC=MDL			Y	Y	0.8		N	No detected value of B, Step		No	UD; effluent data and B are ND
98	N-Nitrosodiphenylamine	16	Y	Y	1		All ND, MDL<C, MEC=MDL	1	MEC<C, go to Step 5	Y	Y	0.7		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
99	Phenanthrene	No Criteria	Y	Y	0.05		No Criteria	No Criteria	No Criteria	Y	Y	0.03		N	No Criteria	No Criteria	Uo	No Criteria
100	Pyrene	11,000	Y	Y	0.05		All ND, MDL<C, MEC=MDL	0.05	MEC<C, go to Step 5	Y	Y	0.03		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
101	1,2,4-Trichlorobenzene	No Criteria	Y	Y	5		No Criteria	No Criteria	No Criteria	Y	Y	0.6		N	No Criteria	No Criteria	Uo	No Criteria
102	Aldrin	0.00014	Y	Y	0.005		All ND, MinDL>C, Go to Step 5			Y	Y	0.003		Y	No detected value of B, Step		No	UD; effluent data and B are ND
103	alpha-BHC	0.013	Y	Y	0.01		All ND, MDL<C, MEC=MDL	0.01	MEC<C, go to Step 5	Y	Y	0.003		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
104	beta-BHC	0.046	Y	N		0.02		0.02	MEC<C, go to Step 5	Y	Y	0.004		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
105	gamma-BHC	0.063	Y	Y	0.01		All ND, MDL<C, MEC=MDL	0.01	MEC<C, go to Step 5	Y	Y	0.003		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
106	delta-BHC	No Criteria	Y	Y	0.005		No Criteria	No Criteria	No Criteria	Y	Y	0.002		N	No Criteria	No Criteria	Uo	No Criteria
107	Chlordane (303d listed)	0.00059	Y	Y	0.02		All ND, MinDL>C, Go to Step 5			Y	Y	0.005		Y	No detected value of B, Step		No	UD; effluent data and B are ND
108	4,4'-DDT (303d listed)	0.00059	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.003		Y	No detected value of B, Step		No	UD; effluent data and B are ND
109	4,4'-DDE (linked to DDT)	0.00059	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.002		Y	No detected value of B, Step		No	UD; effluent data and B are ND
110	4,4'-DDD	0.00084	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.002		Y	No detected value of B, Step		No	UD; effluent data and B are ND
111	Dieldrin (303d listed)	0.00014	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.002		Y	No detected value of B, Step		No	UD; effluent data and B are ND
112	alpha-Endosulfan	0.0087	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.002		N	No detected value of B, Step		No	UD; effluent data and B are ND
113	beta-Endolsulfan	0.0087	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.002		N	No detected value of B, Step		No	UD; effluent data and B are ND
114	Endosulfan Sulfate	240	Y	N		0.01		0.01	MEC<C, go to Step 5	Y	Y	0.002		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
115	Endrin	0.0023	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.002		N	No detected value of B, Step		No	UD; effluent data and B are ND
116	Endrin Aldehyde	0.81	Y	Y	0.01		All ND, MDL<C, MEC=MDL	0.01	MEC<C, go to Step 5	Y	Y	0.002		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
117	Heptachlor	0.00021	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.003		Y	No detected value of B, Step		No	UD; effluent data and B are ND
118	Heptachlor Epoxide	0.00011	Y	Y	0.01		All ND, MinDL>C, Go to Step 5			Y	Y	0.003		Y	No detected value of B, Step		No	UD; effluent data and B are ND
119-125	PCBs sum (2)	0.00017	Y	Y	0.1		All ND, MinDL>C, Go to Step 5			Y	Y	0.03		Y	No detected value of B, Step		No	UD; effluent data and B are ND
126	Toxaphene	0.00020	Y	Y	0.5		All ND, MinDL>C, Go to Step 5			Y	Y	0.4		Y	No detected value of B, Step		No	UD; effluent data and B are ND
	Tributylin	0.00740	Y	Y	0.002		All ND, MDL<C, MEC=MDL	0.002	MEC<C, go to Step 5	Y	Y	0.00128		N	No detected value of B, Step		No	Ud;MEC<C & B is ND
	Total PAHs	15.00000	Y	Y	0.3		All ND, MDL<C, MEC=MDL	0.3	MEC<C, go to Step 5	Y	Y	0.17		N	No detected value of B, Step		No	Ud;MEC<C & B is ND

a. The most stringent of salt and fresh water criteria were selected for this analysis.

b. According to Table 1 of Section (b)(1) of CTR (40CFR 131.38), those criteria should use Basin Plan objectives; criteria for Se and CN are specified by the NTR.

c. Criteria for copper is taken from CTR. CTR criteria for copper is expressed as dissolved metals. The copper criter in the table is adjusted by dividing a factor of 0.83 to convert the dissolved to total metal concetration.
   The freshwater criteria for Selenium is taken from NTR.

d. Acronyms in the "Final Result" column: Ud: Cannot determine reasonable potential due to the absence of data, or because Minimum DL is greater than water quality objective orCTR criteria
                                               IM: Interim monitoring is required