

Appendix 2

Table II
REASONABLE POTENTIAL ANALYSIS AND EFFLUENT LIMITATIONS
 (Discharge Serial No. 003)
JOINT WATER POLLUTION CONTROL PLANT (CA0053813, CI-1758)

Constituent	Unit	Effluent Data Summary, Discharge Serial Nos. 001 & 002 (November 2002 to August 2005)							Dilution Ratio (Dm)	Background Seawater Concentration	Ocean Plan Water Quality Objectives	Calculated Effluent Limit	Reasonable Potential (RP) Analysis [based on UCB (95/95)]	Proposed Effluent Limit
		Min Not-Detected (ND)	Max ND	Min Detected (Det)	Max Det	Number of Samples	% Det	Reporting Limit (RL) in the 2004 Annual Report						
Marine Aquatic Life Protection														
ARSENIC	UG/L	<1	<1	1	2.1	36	97.2	1.0	150	3	8	758	No RP	No Limit
CADMIUM	UG/L	<0.25	< 1	1	1	38	5.3	1.0	150		1	151	No RP	No Limit
CHROMIUM (VI)	UG/L	<100	<100			28	0.0	100.0	150		2	302	No RP	No Limit
COPPER	UG/L	< 6	< 6	2.3	12	38	89.5	6.0	150	2	3	153	No RP	No Limit
LEAD	UG/L	<0.25	< 8	0.3	11	38	10.5	8.0	150		2	302	No RP	No Limit
MERCURY	UG/L	< 0.5	< 0.5			36	0.0	0.5	150	0.0005	0.04	5.965	No RP	No Limit
NICKEL	UG/L	< 25	< 25	7	37	38	84.2	25.0	150		5	755	No RP	No Limit
SELENIUM	UG/L			4.7	11.9	37	100.0	1.0	150		15	2265	No RP	No Limit
SILVER	UG/L	<0.25	< 5	5	12	38	7.9	5.0	150	0.16	0.7	81.7	No RP	No Limit
ZINC	UG/L	< 25	< 25	13	32	38	18.4	25.0	150	8	20	1820	No RP	No Limit
Total Cyanide	UG/L	< 4	< 4	4	8	36	86.1	4.0	150		1	151	No RP	No Limit
Chlorine Residual (Daily) (Outfall 001)	UG/L	< 100	< 100	100	4500	974	94.6	100.0	150		8	1208	RP (by BPJ) (Max Det > Obj)	1208
Chlorine Residual (Daily) (Outfall 002)	UG/L	< 100	< 100	100	3100	974	91.6	100.0	150		8	1208	RP (by BPJ) (Max Det > Obj)	1208
Chlorine Residual (Monthly) (Outfall 001)	UG/L			100	300	32	100.0		150		2	302	RP	302
Chlorine Residual (Monthly) (Outfall 002)	UG/L			100	240	32	100.0		150		2	302	RP	302
Ammonia	MG/L			28.4	35.6	36	100.0	0.3	150		0.6	90.6	No RP	No Limit
Acute Toxicity	Tua			0	1	30	100.0		15.0		0.3	4.8	No RP	No Limit
Chronic Toxicity (survival)	Tuc			42	42	30	100.0		150		1	151	No RP (need limit, BPJ)	151
Phenols (unchlorinated)														
2,4-DIMETHYLPHENOL	UG/L	< 10	< 50			16	0.0	50.0	150		30	4530	No RP	No Limit
2,4-DINITROPHENOL	UG/L	< 2	< 10			16	0.0							
2-METHYL-4,6-DINITROPHENOL	UG/L	< 5	< 25			16	0.0							
2-NITROPHENOL	UG/L	< 10	< 50			16	0.0							
4-NITROPHENOL	UG/L	< 10	< 50			16	0.0							
Phenols (chlorinated)														
2-CHLOROPHENOL	UG/L	< 10	< 50			38	0.0	50.0	150		1	151	No RP	No Limit
2,4-DICHLOROPHENOL	UG/L	< 5	< 25			38	0.0							
4-CHLORO-3-METHYLPHENOL	UG/L	< 1	< 5			38	0.0							
PENTACHLOROPHENOL	UG/L	< 5	< 25			38	0.0							

Appendix 2

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JOINT WATER POLLUTION CONTROL PLANT (CA0053813, CI-1758)

Constituent	Unit	Effluent Data Summary, Discharge Serial Nos. 001 & 002 (November 2002 to August 2005)							Reporting Limit (RL) in the 2004 Annual Report	Dilution Ratio (Dm)	Background Seawater Concentration	Ocean Plan Water Quality Objectives	Calculated Effluent Limit	Reasonable Potential (RP) Analysis [based on UCB (95/95)]	Proposed Effluent Limit
		Min Not-Detected (ND)	Max ND	Min Detected (Det)	Max Det	Number of Samples	% Det								
2,4,6-TRICHLOROPHENOL	UG/L	< 10	< 50			38	0.0								
Endosulfan	UG/L	< 0.01	< 0.4			34	0.0	0.1	150		0.009	1.359	No RP	No Limit	
ENDOSULFAN I	UG/L	< 0.01	< 0.04			34	0.0								
ENDOSULFAN II	UG/L	< 0.01	< 0.04			34	0.0								
ENDOSULFAN SULFATE	UG/L	< 0.01	< 0.4			34	0.0								
ENDRIN	UG/L	< 0.01	< 0.04			35	0.0	0.01	150		0.002	0.302	No RP	No Limit	
HCH	UG/L	< 0.01	< 0.01	0.01	0.01	35	11.4	0.01	150		0.004	0.604	No RP	No Limit	
ALPHA-BHC	UG/L	< 0.01	< 0.01			35	0.0								
LINDANE (GAMMA-BHC)	UG/L	< 0.01	< 0.01	0.01	0.01	35	11.4								
BETA-BHC	UG/L	< 0.01	< 0.01			35	0.0								
DELTA-BHC	UG/L	< 0.01	< 0.01			35	0.0								
Human Health Protection - Noncarcinogens															
ACROLEIN	UG/L	< 5	< 100			16	0.0	10.0	150		220	33220	No RP	No Limit	
ANTIMONY	UG/L			1.1	2.6	16	100.0	0.5	150		1200	181200	No RP	No Limit	
BIS(2-CL-ETHOXY)METHANE	UG/L	< 5	< 25			16	0.0	25.0	150		4.4	664.4	No RP	No Limit	
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 2	< 10			16	0.0	10.0	150		1200	181200	No RP	No Limit	
CHLOROBEZENE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150		570	86070	No RP	No Limit	
CHROMIUM (III) (using total Cr data)	UG/L	< 12	< 12	13	22	38	13.2	12.0	150		190000	28690000	No RP	No Limit	
DI-N-BUTYL PHTHALATE	UG/L	< 5	< 50			16	0.0	50.0	150		3500	528500	No RP	No Limit	
Dichlorobenzene		< 2	< 10			16	0.0	10.0	150		5100	770100	No RP	No Limit	
1,2-DICHLOROBEZENE	UG/L	< 2	< 10			16	0.0								
1,3-DICHLOROBEZENE	UG/L	< 1	< 5			16	0.0								
DIETHYL PHTHALATE	UG/L	< 2	< 10			16	0.0	10.0	150		33000	4983000	No RP	No Limit	
DIMETHYL PHTHALATE	UG/L	< 2	< 10			16	0.0	10.0	150		820000	123820000	No RP	No Limit	
2-METHYL-4,6DINITROPHENOL	UG/L	< 5	< 25			16	0.0	25.0	150		220	33220	No RP	No Limit	
2,4-DINITROPHENOL	UG/L	< 5	< 25			16	0.0	25.0	150		4	604	No RP	No Limit	
ETHYL BENZENE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150		4100	619100	No RP	No Limit	
FLUORANTHENE	UG/L	< 1	< 5			16	0.0	5.0	150		15	2265	No RP	No Limit	
HEXACHLOROCYCLOPENTADIENE	UG/L	< 5	< 25			16	0.0	25.0	150		58	8758	No RP	No Limit	
NITROBENZENE	UG/L	< 1	< 5			16	0.0	5.0	150		4.9	739.9	No RP	No Limit	

Appendix 2

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Constituent	Unit	Effluent Data Summary, Discharge Serial Nos. 001 & 002 (November 2002 to August 2005)							Dilution Ratio (Dm)	Background Seawater Concentration	Ocean Plan Water Quality Objectives	Calculated Effluent Limit	Reasonable Potential (RP) Analysis [based on UCB (95/95)]	Proposed Effluent Limit
		Min Not-Detected (ND)	Max ND	Min Detected (Det)	Max Det	Number of Samples	% Det	Reporting Limit (RL) in the 2004 Annual Report						
THALLIUM	UG/L	< 3	< 20			16	0.0	10.0	150	2	302	No RP	No Limit	
TOLUENE	UG/L	< 0.5	< 0.5	0.2	0.5	16	12.5	0.5	150	85000	12835000	No RP	No Limit	
TRIBUTYL TIN	UG/L	< 0.001	< 0.0046	0.004	0.0264	15	33.3	0.0046	150	0.0014	0.2114	No RP	No Limit	
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150	540000	81540000	No RP	No Limit	
Human Health Protection - Carcinogens														
ACRYLONITRILE	UG/L	< 5	< 50			17	0.0	5.0	150	0.1	15.1	No RP	No Limit	
ALDRIN	UG/L	< 0.01	< 0.01			35	0.0	0.01	150	0.000022	0.003322	Inconclusive	0.003322	
BENZENE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150	5.9	890.9	No RP	No Limit	
BENZIDINE	UG/L	< 0.04	< 5			15	0.0	0.1	150	0.000069	0.010419	Inconclusive	0.010419	
BERYLLIUM	UG/L	< 0.3	< 3			16	0.0	1.0	150	0.033	4.983	No RP	No Limit	
BIS(2-CHLOROETHYL)ETHER	UG/L	< 1	< 5			16	0.0	5.0	150	0.045	6.795	No RP	No Limit	
DIETHYLHEXYL PHTHALATE	UG/L	< 2	< 25	12	20.3	16	50.0	10.0	150	3.5	528.5	No RP	No Limit	
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150	0.9	135.9	No RP	No Limit	
Chlordane	UG/L	< 0.02	< 0.04			22	0.0	0.02	150	0.000023	0.003473	Inconclusive	0.003473	
CIS-CHLORDANE	UG/L	< .01	< .01			22	0.0							
TRANS-CHLORDANE	UG/L	< .01	< .01			22	0.0							
TRANS-NONACHLOR	UG/L	< .01	< .01			22	0.0							
OXYCHLORDANE	UG/L	< .01	< .04			22	0.0							
CIS-CHLORDENE	UG/L	< .02	< .02			22	0.0							
TRANS-CHLORDENE	UG/L	< .01	< .01			22	0.0							
CIS-NONACHLOR	UG/L	< .01	< .01			22	0.0							
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 2	0.4	2	16	75.0	0.5	150	8.6	1298.6	No RP	No Limit	
CHLOROFORM	UG/L			8	34	16	100.0	0.5	150	130	19630	No RP	No Limit	
Total DDT	UG/L	< 0.01	< 0.01			35	0.0	0.01	150	0.00017	0.02567	No RP (need limit, BPJ)	0.02567	
OP'-DDE	UG/L	< 0.01	< 0.01			35	0.0							
PP'-DDE	UG/L	< 0.01	< 0.01			35	0.0							
OP'-DDD	UG/L	< 0.01	< 0.01			35	0.0							
PP'-DDD	UG/L	< 0.01	< 0.01			35	0.0							
OP'-DDT	UG/L	< 0.01	< 0.01			35	0.0							

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		Min Not-Detected (ND)	Max ND	Min Detected (Det)	Max Det	Number of Samples	% Det	Reporting Limit (RL) in the 2004 Annual Report						
PP'-DDT	UG/L	< 0.01	< 0.01			35	0.0							
1,4-DICHLOROENZENE	UG/L	< 1	< 5			16	0.0	5.0	150	18	2718	No RP	No Limit	
3,3'-DICHLOROENZIDINE	UG/L	< 0.04	< 5			17	0.0	0.14	150	0.0081	1,2231	No RP	No Limit	
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150	28	4228	No RP	No Limit	
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150	0.9	135.9	No RP	No Limit	
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	0.9	6	16	93.8	0.5	150	6.2	936.2	No RP	No Limit	
METHYLENE CHLORIDE	UG/L			2	12	16	100.0	0.5	150	450	67950	No RP	No Limit	
1,3-Dichloropropene		< 0.5	< 0.5			16	0.0	0.5	150	8.9	1343.9	No RP	No Limit	
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5			16	0.0							
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5			16	0.0							
DIELDRIN	UG/L	< 0.01	< 0.04			35	0.0	0.0	150	0.00004	0.00604	Inconclusive	0.00604	
2,4-DINITROTOLUENE	UG/L	< 5	< 25			16	0.0	25.0	150	2.6	392.6	No RP	No Limit	
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 5			16	0.0	5.0	150	0.16	24.16	No RP	No Limit	
Halomethanes	UG/L	< 0.5	< 0.5	0.4	2.6	16	68.8	0.5	150	130	19630	No RP	No Limit	
BROMOFORM	UG/L	< 0.5	< 0.5	0.5	0.6	16	18.8							
BROMOMETHANE	UG/L	< 0.5	< 1			16	0.0							
CHLOROMETHANE	UG/L	< 0.5	< 0.5	0.4	2.6	16	50.0							
HEPTACHLOR	UG/L	< 0.01	< 0.01			35	0.0	0.01	150	0.00005	0.00755	Inconclusive	0.00755	
HEPTACHLOR EPOXIDE	UG/L	< 0.01	< 0.04			35	0.0	0.01	150	0.00002	0.00302	Inconclusive	0.00302	
HEXACHLOROENZENE	UG/L	< 1	< 5			16	0.0	5.0	150	0.00021	0.03171	Inconclusive	0.03171	
HEXACHLOROBUTADIENE	UG/L	< 1	< 5			16	0.0	5.0	150	14	2114	No RP	No Limit	
HEXACHLOROETHANE	UG/L	< 1	< 5			16	0.0	5.0	150	2.5	377.5	No RP	No Limit	
ISOPHORONE	UG/L	< 1	< 5			16	0.0	5.0	150	730	110230	No RP	No Limit	
N-NITROSODIMETHYLAMINE	UG/L	< 5	< 25			16	0.0	25.0	150	7.3	1102.3	No RP	No Limit	
N-NITROSODI-N-PROPYLAMINE	UG/L	< 5	< 25			16	0.0	25.0	150	0.38	57.38	No RP	No Limit	
N-NITROSODIPHENYLAMINE	UG/L	< 1	< 5			16	0.0	5.0	150	2.5	377.5	No RP	No Limit	
PAHs	UG/L	< 5	< 50	0.02	0.06	17	18.8	50.0	150	0.0088	1.3288	No RP	No Limit	
ACENAPHHTYLENE	UG/L	< 5	< 50			16	0.0							
ANTHRACENE	UG/L	< 0.02	< 5			16	0.0							
BENZO(A)ANTHRACENE	UG/L	< 0.016	< 5	0.03	0.03	16	6.3							

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		Min Not-Detected (ND)	Max ND	Min Detected (Det)	Max Det	Number of Samples	% Det								
BENZO(A)PYRENE	UG/L	< 0.013	< 5			16	0.0								
BENZO(B)FLUORANTHENE	UG/L	< 0.017	< 5			16	0.0								
BENZO(GHI)PERYLENE	UG/L	< 0.02	< 5			16	0.0								
BENZO(K)FLUORANTHENE	UG/L	< 0.008	< 5			16	0.0								
CHRYSENE	UG/L	< 0.02	< 5	0.03	0.03	16	6.3								
DIBENZO(A,H)ANTHRACENE	UG/L	< 0.02	< 5			16	0.0								
FLUORENE	UG/L	< 0.02	< 5			16	0.0								
INDENO(1,2,3-C,D)PYRENE	UG/L	< 0.017	< 5			16	0.0								
PHENANTHRENE	UG/L	< 0.02	< 5			16	0.0								
PYRENE	UG/L	< 0.02	< 5	0.02	0.02	16	12.5								
PCBs	UG/L	< 0.1	< 0.3			35	0.0	0.1	150		0.000019	0.002869	Inconclusive	0.002869	
AROCLOR 1242	UG/L	< 0.1	< 0.1			35	0.0								
AROCLOR 1254	UG/L	< 0.05	< 0.05			35	0.0								
AROCLOR 1016	UG/L	< 0.1	< 0.1			35	0.0								
AROCLOR 1221	UG/L	< 0.1	< 0.3			35	0.0								
AROCLOR 1232	UG/L	< 0.1	< 0.1			35	0.0								
AROCLOR 1248	UG/L	< 0.1	< 0.1			35	0.0								
AROCLOR 1260	UG/L	< 0.1	< 0.1			35	0.0								
TCDD Equivalents	PG/L	< .61	< 9			15	0.0	0.61	150		0.0039	0.5889	Inconclusive	0.5889	
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< .5			16	0.0	0.50	150		2.3	347.3	No RP	No Limit	
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	0.5	7	16	81.3	0.5	150		2	302	No RP	No Limit	
TOXAPHENE	UG/L	< 0.5	< 0.5			35	0.0	0.5	150		0.00021	0.03171	Inconclusive	0.03171	
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150		27	4077	No RP	No Limit	
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150		9.4	1419.4	No RP	No Limit	
2,4,6-TRICHLOROPHENOL	UG/L	< 10	< 50			38	0.0	50.0	150		0.29	43.79	No RP	No Limit	
VINYL CHLORIDE	UG/L	< 0.5	< 0.5			16	0.0	0.5	150		36	5436	No RP	No Limit	