

**2008 ANNUAL REASONABLE POTENTIAL ANALYSIS SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

1. The following Reasonable Potential Analysis (RPA) provides the analytical results as performed by the procedures outlined in "Reasonable Potential Analysis Methodology Technical Memo, (MWH and Flow Science, 2006).
2. The monitoring data set utilized to conduct the RPA consists of all applicable and

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Concentration	concentration.
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Nonpriority Pollutant RPA Column Explanation (Continued)

Step 1, Determine
Water Quality

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, 018 019)

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						Step 1: Water Quality Criteria, Determine C					Step 2	Step 3			Step 4	
						CTR CRITERIA				Basin Plan Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
Outfall	CTR	Constituent	Units	MEC	CV	Freshwater CMC = Acute	Human Health CCC = Chronic	HH W&O (Not App)	HH O = HH							
1_2_11_18	001	Antimony	ug/L	All Data Qualified	0.60	NONE	NONE	14	4300	6	6	No	No	No	NA	No
1_2_11_18	002	Arsenic	ug/L	2.4	0.60	340	150	NONE	NONE	50	50	Yes	Yes	NA	NA	No
1_2_11_18	003	Beryllium	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	No	No	No	NA	No
1_2_11_18	004	Cadmium	ug/L	All Data Qualified	0.60	NONE	2.5	Narrative	Narrative	5	2.5	No	No	No	NA	No
1_2_11_18	005a	Chromium	ug/L	19	0.60	NONE	207.0	Narrative	Narrative	NONE	207.0	Yes	Yes	NA	NA	No
1_2_11_18	005b	Chromium VI	ug/L	Available Data <DL	0.60	16.3	11.4	Narrative	Narrative	50	11.4	Yes	No	No	NA	No
1_2_11_18	010	Selenium	ug/L	Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	No	No	No	NA	No
1_2_11_18	011	Silver	ug/L	All Data Qualified All Data	0.60	4.06	none	NONE	NONE	NONE	4.06	No	No	No	NA	No
1_2_11_18	012	Thallium	ug/L	Qualified	0.60	NONE	NONE	1.7	6.3	2	2	No	No	No	NA	No
1_2_11_18	013	Zinc	ug/L	59	0.60	120	120	none	NONE	NONE	119.8	Yes	Yes	N		
1_2_11_18	014	Total Cyanide	ug/L	Available Data <DL	0.00	22	5.2	700	220000	200	5.2	Yes	No	No	NA	No
1_2_11_18	015	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7000000	NONE	700000	700000	No	No	No	NA	No
1_2_11_18	016	TCDD TEQ_NoDNQ	ug/L	0.000000968 62	1.14	NONE	NONE	1.30E-08	1.40E-08	3.00E-05	1.40E-08	Yes	Yes	NA	NA	Yes
1_2_11_18	017	Acrolein	ug/L	Available Data <DL	0.60	NONE	NONE	320	780	NONE	780	Yes	No	No	NA	No
1_2_11_18	018	Acrylonitrile	ug/L	Available Data <DL	0.60	NONE	NONE	0.059	0.66	NONE	0.66	Yes	No	Yes	0.66	No
1_2_11_18	019	Benzene	ug/L	Available Data <DL	0.60	NONE	NONE	1.2	71	1	1	Yes	No	No	NA	No
1_2_11_18	020	Bromoform	ug/L	Available Data <DL	0.60	NONE	NONE	4.3	360	NONE	360	Yes	No	No	NA	No
1_2_11_18	021	Carbon Tetrachloride	ug/L	Available Data <DL	0.60	NONE	NONE	0.25	4.4	600	4.4	Yes	No	No	NA	No
1_2_11_18	022	Chlorobenzene	ug/L	Available Data <DL	0.60	NONE	NONE	680	21000	NONE	21000	Yes	No	No	NA	No
1_2_11_18	023	Dibromochloromethane	ug/L	Available Data <DL	0.60	NONE	NONE	0.401	34	NONE	34	Yes	No	No	NA	No
1_2_11_18	024	Chloroethane	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 001, 002, 011, 018 019)

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Outfall	CTR	Constituent	Units	MEC	CV	Step 1: Water Quality Criteria, Determine C				C = Lowest Criteria	Step 2	Step 3	Step 4	
						Freshwater		Human Health						Basin Plan
						CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR				MEC >= C

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						CTR CRITERIA					Basin Plan	C = Lowest Criteria	Is Effluent Data Available		Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)
						Freshwater		Human Health									
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	MEC >= C						

1_2_11_18 069 4-Bromophenylphenylether ug/L

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						CTR CRITERIA		Human Health							
						Freshwater CMC = Acute	Freshwater CCC = Chronic	HH W&O (Not App)	HH O = HH	Basin Plan Title 22 GWR					

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-007, 010, 008)

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Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	Step 2		Step 4			
											Yes	No	Yes	No	NA	
3_7, 10	001	Antimony	ug/L	0.67	0.60	NONE	NONE	14	4300	6	6	Yes	Yes	NA	NA	No
3_7, 10	002	Arsenic	ug/L	All Data Qualified	0.60	340	150	NONE	NONE	50	50	No	No	No	NA	No
3_7, 10	003	Beryllium	ug/L	0.6	0.6	10	10	10	10	10	10	No	No	No	NA	No

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						CTR CRITERIA						C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data		Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
						Freshwater		Human Health		Basin Plan								
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR								
3_7, 10	021	Carbon Tetrachloride	ug/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	No	No	No	NA	No		
3_7, 10	022	Chlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	680	21000	NONE	21000	No	No	No	NA	No		
3_7, 10	023	Dibromochloromethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.401	34	NONE	34	No	No	No	NA	No		
3_7, 10	024	Chloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
3_7, 10	025	2-Chloroethylvinylether	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
3_7, 10	026	Chloroform	ug/L	All Data Qualified	0.60	NONE	NONE	Reserved	Reserved	NONE	NONE	No	No	No	NA	No		
3_7, 10	027	Bromodichloromethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.56	46	NONE	46	No	No	No	NA	No		
3_7, 10	028	1,1-Dichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	5	5	No	No	No	NA	No		
3_7, 10	029	1,2-Dichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.38	99	0.5	0.5	No	No	No	NA	No		
3_7, 10	030	1,1-Dichloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	0.057	3.2	6	3.2	No	No	No	NA	No		
3_7, 10	031	1,2-Dichloropropane	ug/L	All Data Qualified	0.60	NONE	NONE	0.52	39	5	5	No	No	No	NA	No		
3_7, 10	032	1,3-Dichloropropene (Total)	ug/L	All Data Qualified	0.60	NONE	NONE	10	1700	0.5	0.5	No	No	No	NA	No		
3_7, 10	033	Ethylbenzene	ug/L	All Data Qualified	0.60	NONE	NONE	3100	29000	0.7	0.7	No	No	No	NA	No		
3_7, 10	034	Bromomethane	ug/L	All Data Qualified	0.60	NONE	NONE	48	4000	NONE	4000	No	No	No	NA	No		
3_7, 10	035	Chloromethane	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	NONE	NONE	No	No	No	NA	No		
3_7, 10	036	Methylene chloride	ug/L	All Data Qualified	0.60	NONE	NONE	4.7	1600	NONE	1600	No	No	No	NA	No		
3_7, 10	037	1,1,2,2-Tetrachloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	0.17	11	1	1	No	No	No	NA	No		
3_7, 10	038	Tetrachloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	0.8	8.85	5	5	No	No	No	NA	No		
3_7, 10	039	Toluene	ug/L	All Data Qualified	0.60	NONE	NONE	6800	200000	150	150	No	No	No	NA	No		
3_7, 10	040	trans-1,2-Dichloroethene	ug/L	All Data Qualified	0.60	NONE	NONE	700	140000	10	10	No	No	No	NA	No		
3_7, 10	041	1,1,1-Trichloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	200	200	No	No	No	NA	No		

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Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR								
3_7, 10	084	Di-n-octylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
3_7, 10	085	1,2-Diphenylhydrazine	ug/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	No	No	No	NA	No		
3_7, 10	086	Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	No	No	No	NA	No		
3_7, 10	087	Fluorene	ug/L	All Data Qualified	0.60	NONE	NONE	1300	14000	NONE	14000	No	No	No	NA	No		
3_7, 10	088	Hexachlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	No	No	No	NA	No		
3_7, 10	089	Hexachlorobutadiene	ug/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	No	No	No	NA	No		
3_7, 10	090	Hexachlorocyclopentadiene	ug/L	All Data Qualified	0.60	NONE	NONE	240	17000	NONE	17000	No	No	No	NA	No		
3_7, 10	091	Hexachloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	No	No	No	NA	No		
3_7, 10	092	Indeno(1,2,3-cd)Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
3_7, 10	093	Isophorone	ug/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	No	No	No	NA	No		
3_7, 10	094	Naphthalene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
3_7, 10	095	Nitrobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	17	1900	NONE	1900	No	No	No	NA	No		
3_7, 10	096	N-Nitrosodimethylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	No	No	No	NA	No		
3_7, 10	097	n-Nitroso-di-n-propylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	No	No	No	NA	No		
3_7, 10	098	N-Nitrosodiphenylamine	ug/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	No	No	No	NA	No		
3_7, 10	099	Phenanthrene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
3_7, 10	100	Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	960	11000	NONE	11000	No	No	No	NA	No		
3_7, 10	101	1,2,4-Trichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
3_7, 10	102	Aldrin	ug/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	No	No	No	NA	No		
3_7, 10	103	alpha-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	No	No	No	NA	No		
3_7, 10	104	beta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	No	No	No	NA	No		

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3_7, 10	105	Lindane (gamma-BHC)	ug/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	No	No	No	NA	No			
3_7, 10	106	delta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No			
3_7, 10	107	Chlordane	ug/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	No	No	No	NA	No			
3_7, 10	108	4,4'-DDT	ug/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No			
3_7, 10	109	4,4'-DDE	ug/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No			
3_7, 10	110	4,4'-DDD	ug/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	No	No	No	NA	No			
3_7, 10	111	Dieldrin	ug/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	No	No	No	NA	No			
3_7, 10	112	Endosulfan I	ug/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	No	No	No	NA	No			
3_7, 10	113	Endosulfan II	ug/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	No	No	No	NA	No			
3_7, 10	114	Endosulfan Sulfate	ug/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	No	No	No	NA	No			
3_7, 10	115	Endrin	ug/L	All Data Qualified	0.60	0.086	0.036	0.76	0.81	NONE	0.036	No	No	No	NA	No			
3_7, 10	116	Endrin Aldehyde	ug/L	All Data Qualified	0.60	NONE	NONE	0.76	0.81	NONE	0.81	No	No	No	NA	No			
3_7, 10	117	Heptachlor	ug/L	All Data Qualified	0.60	0.52	0.0038	0.00021	0.00021	NONE	0.00021	No	No	No	NA	No			
3_7, 10	118	Heptachlor Epoxide	ug/L	All Data Qualified	0.60	0.52	0.0038	0.0001	0.00011	NONE	0.00011	No	No	No	NA	No			
3_7, 10	119	Aroclor-1016	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			
3_7, 10	120	Aroclor-1221	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			
3_7, 10	121	Aroclor-1232	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			
3_7, 10	122	Aroclor-1242	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			
3_7, 10	123	Aroclor-1248	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			
3_7, 10	124	Aroclor-1254	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			
3_7, 10	125	Aroclor-1260	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No			

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3_7, 10	126	Toxaphene	ug/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.0002	No	No	No	NA	No		
8	001	Antimony	ug/L	All Data Qualified	0.60	NONE	NONE	14	4300	6	6	No	No	No	NA	No		
8	002	Arsenic	ug/L	All Data Qualified	0.60	340	150	NONE	NONE	50	50	No	No	No	NA	No		
8	003	Beryllium	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	No	No	No	NA	No		
8	004	Cadmium	ug/L	All Data Qualified	0.60	NONE	2.5	Narrative	Narrative	5	2.5	No	No	No	NA	No		
8	005a	Chromium	ug/L	All Data Qualified	0.60	NONE	207.0	Narrative	Narrative	NONE	207.0	No	No	No	NA	No		
8	005b	Chromium VI	ug/L	All Data Qualified	0.60	16.3	11.4	Narrative	Narrative	50	11.4	No	No	No	NA	No		
8	006	Copper	ug/L	All Data Qualified	0.60	NONE	9.3	1300	NONE	NONE	9.3	No	No	No	NA	No		
8	007	Lead	ug/L	All Data Qualified	0.60	NONE	3.2	Narrative	Narrative	NONE	3.2	No	No	No	NA	No		
8	008	Mercury	ug/L	All Data Qualified	0.60	Reserved	Reserved	0.05	0.051	2	0.1	No	No	No	NA	No		
8	009	Nickel	ug/L	All Data Qualified	0.60	NONE	52.2	610	4600	100	52.2	No	No	No	NA	No		
8	010	Selenium	ug/L	All Data Qualified	0.60	Reserved	5	Narrative	Narrative	50	5	No	No	No	NA	No		
8	011	Silver	ug/L	All Data Qualified	0.60	NONE	none	NONE	NONE	NONE	4.06	No	No	No	NA	No		
8	012	Thallium	ug/L	All Data Qualified	0.60	NONE	NONE	1.7	6.3	2	2	No	No	No	NA	No		
8	013	Zinc	ug/L	All Data Qualified	0.60	NONE	119.8	none	NONE	NONE	119.8	No	No	No	NA	No		
8	014	Total Cyanide	ug/L	All Data Qualified	0.60	22	5.2	700	220000	200	5.2	No	No	No	NA	No		
8	015	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7000000	NONE	7x10^6	700000	No	No	No	NA	No		
8	016	TCDD TEQ_NoDNQ	ug/L	All Data Qualified	0.60	NONE	NONE	1.3e-008	1.4e-008	3x10^-5	1.40E-08	No	No	No	NA	No		
8	017	Acrolein	ug/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	No	No	No	NA	No		
8	018	Acrylonitrile	ug/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	No	No	No	NA	No		
8	019	Benzene	ug/L	All Data Qualified	0.60	NONE	NONE	1.2	71	1	1	No	No	No	NA	No		

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-007, 010, 008)

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Step 2

Step 4

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-007, 010, 008)

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						Step 1: Water Quality Criteria, Determine C						Step 2	Step 3			Step 4		
						CTR CRITERIA						Basin Plan	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C
						Freshwater			Human Health									
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR								
8	062	Benzo(b)Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
8	063	Benzo(g,h,i)Perylene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	064	Benzo(k)Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
8	065	Bis(2-Chloroethoxy) methane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	066	bis (2-Chloroethyl) ether	ug/L	All Data Qualified	0.60	NONE	NONE	0.031	1.4	NONE	1.4	No	No	No	NA	No		
8	067	Bis(2-Chloroisopropyl) Ether	ug/L	All Data Qualified	0.60	NONE	NONE	1400	170000	NONE	170000	No	No	No	NA	No		
8	068	bis (2-ethylhexyl) Phthalate	ug/L	All Data Qualified	0.60	NONE	NONE	1.8	5.9	4	4	No	No	No	NA	No		
8	069	4-Bromophenylphenylether	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	070	Butylbenzylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	3000	5200	NONE	5200	No	No	No	NA	No		
8	071	2-Chloronaphthalene	ug/L	All Data Qualified	0.60	NONE	NONE	1700	4300	NONE	4300	No	No	No	NA	No		
8	072	4-Chlorophenylphenylether	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	073	Chrysene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
8	074	Dibenzo(a,h)Anthracene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
8	075	1,2-Dichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	2700	17000	600	600	No	No	No	NA	No		
8	076	1,3-Dichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	400	2600	NONE	2600	No	No	No	NA	No		
8	077	1,4-Dichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	400	All Data Qualified 2600	5	5595	-2.6622 TD[8]-6997.9(076)-939.6(1,3-Dichlorobenzene)-7744.9(ug/L)]	32.6892 ug/L					

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-007, 010, 008)

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						Freshwater			Human Health									
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR	C = Lowest Criteria	Is Effluent Data Available	Was Constituent Detected in Effluent Data	Are all Detection Limits > C	If DL > C, MEC = Min (DL)	MEC >= C		
8	083	2,6-Dinitrotoluene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	084	Di-n-octylphthalate	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	085	1,2-Diphenylhydrazine	ug/L	All Data Qualified	0.60	NONE	NONE	0.04	0.54	NONE	0.54	No	No	No	NA	No		
8	086	Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	300	370	NONE	370	No	No	No	NA	No		
8	087	Fluorene	ug/L	All Data Qualified	0.60	NONE	NONE	1300	14000	NONE	14000	No	No	No	NA	No		
8	088	Hexachlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	No	No	No	NA	No		
8	089	Hexachlorobutadiene	ug/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	No	No	No	NA	No		
8	090	Hexachlorocyclopentadiene	ug/L	All Data Qualified	0.60	NONE	NONE	240	17000	NONE	17000	No	No	No	NA	No		
8	091	Hexachloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	No	No	No	NA	No		
8	092	Indeno(1,2,3-cd)Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
8	093	Isophorone	ug/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	No	No	No	NA	No		
8	094	Naphthalene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
8	095	Nitrobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	17	1900	NONE	1900	No	No	No	NA	No		
8	096	N-Nitrosodimethylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	No	No	No	NA	No		
8	097	n-Nitroso-di-n-propylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	No	No	No	NA	No		
8	098	N-Nitrosodiphenylamine	ug/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	No	No	No	NA	No		

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 003-007, 010, 008)

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						Freshwater		Human Health								
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH							
8	104	beta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	No	No	No	NA	No
8	105	Lindane (gamma-BHC)	ug/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	No	No	No	NA	No
8	106	delta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
8	107	Chlordane	ug/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	No	No	No	NA	No
8	108	4,4'-DDT	ug/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No
8	109	4,4'-DDE	ug/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No
8	110	4,4'-DDD	ug/L	All Data Qualified	0.60	NONE	NONE	0.00083	0.00084	NONE	0.00084	No	No	No	NA	No
8	111	Dieldrin	ug/L	All Data Qualified	0.60	0.24	0.056	0.00014	0.00014	NONE	0.00014	No	No	No	NA	No
8	112	Endosulfan I	ug/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	No	No	No	NA	No
8	113	Endosulfan II	ug/L	All Data Qualified	0.60	0.22	0.056	110	240	NONE	0.056	No	No	No	NA	No
8	114	Endosulfan Sulfate	ug/L	All Data Qualified	0.60	NONE	NONE	110	240	NONE	240	No	No	No	NA	No

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						Freshwater		Human Health									
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR							
8	125	Aroclor-1260	ug/L	All Data Qualified	0.60	NONE	0.014	0.00017	0.00017	NONE	0.00017	No	No	No	NA	No	
8	126	Toxaphene	ug/L	All Data Qualified	0.60	0.73	0.0002	0.0073	0.00075	NONE	0.0002	No	No	No	NA	No	

REASONABLE POTENTIAL ANALYSIS FOR SECONDARY POLLUTANTS, (OUTFALLS 003 - 007, 010, and 008)

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Outfall

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012, 013 014)

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						Freshwater			Human Health									
Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR								
12_14	001	Antimony	ug/L	All Data Qualified	0.60	NONE	NONE	14	4300	6	6	No	No	No	NA	No		
12_14	002	Arsenic	ug/L	All Data Qualified	0.60	340	150	NONE	NONE	50	50	No	No	No	NA	No		
12_14	003	Beryllium	ug/L	All Data Qualified	0.60	NONE	NONE	Narrative	Narrative	4	4	No	No	No	NA	No		
12_14	004	Cadmium	ug/L	2.5	0.60	NONE	2.5	Narrative	Narrative	5	2.5	Yes	Yes	NA	NA	Yes		
12_14	005a	Chromium	ug/L	All Data Qualified	0.60	NONE	207.0	Narrative	Narrative	NONE	207.0	No	No	No	NA	No		
12_14	005b	Chromium VI	ug/L	All Data Qualified	0.60	16.3	11.4	Narrative	Narrative	50	11.4	No	No	No	NA	No		
12_14	006	Copper	ug/L	4.9	0.60	NONE	9.3	1300	NONE	NONE	9.3	Yes	Yes	NA	NA	No		
12_14	007	Lead	ug/L	2.2	0.60	NONE	3.2	Narrative	Narrative	NONE	3.2	Yes	Yes	NA	NA	No		
12_14	008	Mercury	ug/L	All Data Qualified	0.60	Reserved	Reserved	0.05	0.051	2	0.051	No	No	No	NA	No		
12_14	009	Nickel	ug/L	All Data Qualified	0.60	NONE	52.2	610	4600	100	52.2	No	No	No	NA	No		
12_14	010	Selenium	ug/L	0.32	0.60	Reserved	5	Narrative	Narrative	50	5	Yes	Yes	NA	NA	No		
12_14	011	Silver	ug/L	All Data Qualified	0.60	NONE	none	NONE	NONE	NONE	4.06	No	No	No	NA	No		
12_14	012	Thallium	ug/L	All Data Qualified	0.60	NONE	NONE	1.7	6.3	2	2	No	No	No	NA	No		
12_14	013	Zinc	ug/L	79	0.60	NONE	119.8	none	NONE	NONE	119.8	Yes	Yes	NA	NA	No		
12_14	014	Total Cyanide	ug/L	All Data Qualified	0.60	22	5.2	700	220000	200	5.2	No	No	No	NA	No		
12_14	015	Asbestos	Fibers/L	All Data Qualified	0.60	NONE	NONE	7000000	NONE	7x10^6	700000	No	No	No	NA	No		
12_14	016	TCDD TEQ_NoDNQ	ug/L	2.78E-08	0.60	NONE	NONE	1.3e-008	1.4e-008	3x10^-5	1.40E-08	Yes	Yes	NA	NA	Yes		
12_14	017	Acrolein	ug/L	All Data Qualified	0.60	NONE	NONE	320	780	NONE	780	No	No	No	NA	No		
12_14	018	Acrylonitrile	ug/L	All Data Qualified	0.60	NONE	NONE	0.059	0.66	NONE	0.66	No	No	No	NA	No		
12_14	019	Benzene	ug/L	All Data Qualified	0.60	NONE	NONE	1.2	71	1	1	No	No	No	NA	No		
12_14	020	Bromoform	ug/L	All Data Qualified	0.60	NONE	NONE	4.3	360	NONE	360	No	No	No	NA	No		
12_14	021	Carbon Tetrachloride	ug/L	All Data Qualified	0.60	NONE	NONE	0.25	4.4	600	4.4	No	No	No	NA	No		

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012, 013 014)

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Outfall	CTR	Constituent	Units	MEC	CV	CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR								
12_14	044	Vinyl chloride	ug/L	All Data Qualified	0.60	NONE	NONE	2	525	0.5	0.5	No	No	No	NA	No		
12_14	045	2-chlorophenol	ug/L	All Data Qualified	0.60	NONE	NONE	120	400	NONE	400	No	No	No	NA	No		
12_14	046	2,4-Dichlorophenol	ug/L	All Data Qualified	0.60	NONE	NONE	93	790	NONE	790	No	No	No	NA	No		
12_14	047	2,4-dimethylphenol	ug/L	All Data Qualified	0.60	NONE	NONE	540	2300	NONE	2300	No	No	No	NA	No		
12_14	048	2-Methyl-4,6-dinitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	13.4	765	NONE	765	No	No	No	NA	No		
12_14	049	2,4-dinitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	70	14000	NONE	14000	No	No	No	NA	No		
12_14	050	2-nitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
12_14	051	4-nitrophenol	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
12_14	052	4-Chloro-3-methylphenol	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
12_14	053	Pentachlorophenol	ug/L	All Data Qualified	0.60	pH dependent	pH dependent	0.28	8.2	1	1	No	No	No	NA	No		
12_14	054	Phenol	ug/L	All Data Qualified	0.60	NONE	NONE	21000	4600000	NONE	4600000	No	No	No	NA	No		
12_14	055	2,4,6-Trichlorophenol	ug/L	All Data Qualified	0.60	NONE	NONE	2.1	6.5	NONE	6.5	No	No	No	NA	No		
12_14	056	Acenaphthene	ug/L	All Data Qualified	0.60	NONE	NONE	1200	2700	NONE	2700	No	No	No	NA	No		
12_14	057	Acenaphthylene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
12_14	058	Anthracene	ug/L	All Data Qualified	0.60	NONE	NONE	9600	110000	NONE	110000	No	No	No	NA	No		
12_14	059	Benzidine	ug/L	All Data Qualified	0.60	NONE	NONE	0.00012	0.00054	NONE	0.00054	No	No	No	NA	No		
12_14	060	Benzo(a)Anthracene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
12_14	061	Benzo(a)Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
12_14	062	Benzo(b)Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
12_14	063	Benzo(g,h,i)Perylene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		
12_14	064	Benzo(k)Fluoranthene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No		
12_14	065	Bis(2-Chloroethoxy) methane	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No		

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012, 013 014)

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Step 2

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012, 013 014)

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Outfall	CTR	Constituent	Units	MEC	CV	Freshwater		Human Health								
						CMC = Acute	CCC = Chronic	HH W&O (Not App)	HH O = HH	Title 22 GWR						
12_14	088	Hexachlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	0.00075	0.00077	NONE	0.00077	No	No	No	NA	No
12_14	089	Hexachlorobutadiene	ug/L	All Data Qualified	0.60	NONE	NONE	0.44	50	NONE	50	No	No	No	NA	No
12_14	090	Hexachlorocyclopentadiene	ug/L	All Data Qualified	0.60	NONE	NONE	240	17000	NONE	17000	No	No	No	NA	No
12_14	091	Hexachloroethane	ug/L	All Data Qualified	0.60	NONE	NONE	1.9	8.9	NONE	8.9	No	No	No	NA	No
12_14	092	Indeno(1,2,3-cd)Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	0.0044	0.049	NONE	0.049	No	No	No	NA	No
12_14	093	Isophorone	ug/L	All Data Qualified	0.60	NONE	NONE	8.4	600	NONE	600	No	No	No	NA	No
12_14	094	Naphthalene	ug/L	Available Data <DL	0.60	NONE	NONE	NONE	NONE	NONE	NONE	Yes	No	No	NA	No
12_14	095	Nitrobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	17	1900	NONE	1900	No	No	No	NA	No
12_14	096	N-Nitrosodimethylamine	ug/L	Available Data <DL	0.60	NONE	NONE	0.00069	8.1	NONE	8.1	Yes	No	No	NA	No
12_14	097	n-Nitroso-di-n-propylamine	ug/L	All Data Qualified	0.60	NONE	NONE	0.005	1.4	NONE	1.4	No	No	No	NA	No
12_14	098	N-Nitrosodiphenylamine	ug/L	All Data Qualified	0.60	NONE	NONE	5	16	NONE	16	No	No	No	NA	No
12_14	099	Phenanthrene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
12_14	100	Pyrene	ug/L	All Data Qualified	0.60	NONE	NONE	960	11000	NONE	11000	No	No	No	NA	No
12_14	101	1,2,4-Trichlorobenzene	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
12_14	102	Aldrin	ug/L	All Data Qualified	0.60	3	NONE	0.00013	0.00014	NONE	0.00014	No	No	No	NA	No
12_14	103	alpha-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.0039	0.013	NONE	0.013	No	No	No	NA	No
12_14	104	beta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	0.014	0.046	NONE	0.046	No	No	No	NA	No
12_14	105	Lindane (gamma-BHC)	ug/L	All Data Qualified	0.60	0.95	NONE	0.019	0.063	0.2	0.063	No	No	No	NA	No
12_14	106	delta-BHC	ug/L	All Data Qualified	0.60	NONE	NONE	NONE	NONE	NONE	NONE	No	No	No	NA	No
12_14	107	Chlordane	ug/L	All Data Qualified	0.60	2.4	0.0043	0.00057	0.00059	NONE	0.00059	No	No	No	NA	No
12_14	108	4,4'-DDT	ug/L	All Data Qualified	0.60	1.1	0.001	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No
12_14	109	4,4'-DDE	ug/L	All Data Qualified	0.60	NONE	NONE	0.00059	0.00059	NONE	0.00059	No	No	No	NA	No

REASONABLE POTENTIAL ANALYSIS FOR PRIORITY POLLUTANTS, (OUTFALLS 012, 013 014)

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Step 2

Step 4