

## SECTION 2

### OUTFALL 002 (SOUTH SLOPE BELOW R-2 POND) ANNUAL 2010 REPORTING SUMMARY

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OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010-1/19/2010			2/5/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	2.9	*	Comp	0.81	J* (DNQ)
Chloride	mg/L	150/-	Comp	15	*	Comp	27	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	91	--	Grab	670	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.029	Ja* (DNQ)	Comp	0.038	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	Comp	0.39	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Comp	0.41	*	Comp	0.24	J* (DNQ)
Nitrate as Nitrogen (N)	mg/L	8.0/-	Comp	0.41	*	Comp	0.24	*
Nitrite-N	mg/L	1.0/-	Comp	ND < 0.090	*	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.4	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.5	*	Grab	7.6	*
Total Settleable Solids	ml/L	0.3/-	Grab	0.30	--	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	160	*	Comp	160	*
Temperature	deg. F	86/-	Grab	54	*	Grab	51	*
Total Cyanide	ug/L	8.5/-	Grab	ND < 2.2	*	Grab	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	400	*	Comp	400	*
Hardness	mg/L	-/-	ANR	ANR	ANR	Comp	220	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	190	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	Comp	7.1	J (C)
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR	Grab	0.02	*
Total Suspended Solids	mg/L	45/-	Comp	49	--	Comp	9.0	J* (DNQ)
Turbidity	NTU	-/-	Comp	110	--	Comp	11	--
Volume Discharged	MGD	160/-	Meas	1.354385	*	Meas	0.515655	*
<b>METALS</b>								
Antimony	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.30	*
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.30	*
Arsenic	ug/L	10/-	Comp	1.9	--	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 0.90	U	Comp	ND < 7.0	U
Barium	mg/L	1.0/-	Comp	0.056	--	Comp	0.041	--
Barium, dissolved	mg/L	-/-	Comp	0.039	--	Comp	0.035	--
Beryllium	ug/L	4.0/-	Comp	0.14	J (DNQ)	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Comp	ND < 0.90	U
Boron	mg/L	-/-	ANR	ANR	ANR	Comp	0.085	--
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.093	U (B)
Cadmium	ug/L	3.1/-	Comp	ND < 0.10	U	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 1.0	U (B)	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	Comp	61	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	54	--
Chromium	ug/L	16.3/-	Comp	3.3	J (*III)	Comp	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	Comp	ND < 0.90	UJ (*III)	ANR	ANR	ANR
Chromium VI	ug/L	16.3/-	ANR	ANR	ANR	Grab	ND < 0.25	*
Cobalt	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Copper	ug/L	14.0/-	Comp	4.4	J (*III)	Comp	1.7	J* (DNQ)
Copper, dissolved	ug/L	-/-	Comp	2.6	J (*III)	Comp	1.3	J* (DNQ)
Iron	mg/L	0.3/-	Comp	2.0	--	Comp	0.61	--
Iron, dissolved	mg/L	-/-	Comp	0.069	--	Comp	ND < 0.015	U
Lead	ug/L	5.2/-	Comp	2.0	--	Comp	0.40	J* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	0.26	J (DNQ)	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR	Comp	16	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	14	--
Manganese	ug/L	50/-	Comp	86	J (*III)	Comp	18	J (DNQ)
Manganese, dissolved	ug/L	-/-	Comp	20	J (*III)	Comp	7.1	J (DNQ)
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Nickel	ug/L	96/-	Comp	3.3	J (*III)	Comp	ND < 2.0	UJ (R)
Nickel, dissolved	ug/L	-/-	Comp	ND < 2.0	UJ (*III, B)	Comp	ND < 2.0	UJ (R)
Selenium	ug/L	8.2/-	Comp	ND < 0.50	U	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	0.65	J (DNQ)	Comp	0.51	J* (DNQ)
Silver	ug/L	4.1/-	ANR	ANR	ANR	Comp	ND < 0.10	*
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.10	*
Thallium	ug/L	2.0/-	ANR	ANR	ANR	Comp	ND < 0.20	C*
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.20	*

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010-1/19/2010			2/5/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Vanadium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.0	U
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.0	U
Zinc	ug/L	119/-	Comp	14	J (*III, DNQ)	Comp	8.8	J (DNQ)
Zinc, dissolved	ug/L	-/-	Comp	ND < 6.0	UJ (*III)	Comp	ND < 6.0	U
<b>ORGANICS</b>								
Benzene	ug/L	-/-	Grab	ND < 0.28	*	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*	Grab	ND < 0.28	C, L*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*	Grab	ND < 0.28	*
1,1,2-Dichloroethane	ug/L	6.0/-	Grab	ND < 0.42	*	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.0	*
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	Grab	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*	Grab	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*	Grab	ND < 0.40	*
<b>TPH</b>								
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR	Grab	ND < 0.050	*
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR	Grab	ND < 0.025	*
<b>ADDITIONAL ANALYTES</b>								
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	Grab	ND < 1.1	*	Grab	ND < 1.1	*
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	13.0/-	Comp	ND < 0.094	*	Comp	ND < 0.094	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.28	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.85	*
2,4-Dinitrotoluene	ug/L	18.3/-	Comp	ND < 0.19	*	Comp	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.7	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	*
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Acrolein	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	Grab	100	--

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Aldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0014	*
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*	Comp	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.28	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
Benzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.7	*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	*
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
beta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.6	*	Comp	ND < 1.6	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.66	*
Chlordane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.038	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	*
Chronic Toxicity	TUC	1.0/-	Comp	1.0	*	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.22	*
Cyclohexane	ug/L	-/-	Grab	ND < 0.40	*	Grab	ND < 0.40	*
delta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0033	*
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	0.11	J* (DNQ)
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	*
Endrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	C*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	*
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Fluorene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Heptachlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	C*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
Hydrazine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.452	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.42	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Isophorone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	*

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Methoxychlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0033	*
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.857	U
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
n-Nitrosodimethylamine	ug/L	16.3/-	Comp	ND < 0.094	*	Comp	ND < 0.094	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
p-Cresol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	*
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.094	*	Comp	ND < 0.094	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Phenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.28	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.47	*
Pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	*
Toxaphene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	*

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	ND < 0.50	*	Comp	1.3	J* (DNQ)
Chloride	mg/L	150/-	Comp	16	*	Comp	18	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	630	--	Grab	650	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.093	J* (DNQ)	Comp	0.052	J* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Comp	ND < 0.15	*	Comp	0.34	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	Comp	ND < 0.060	*	Comp	0.34	*
Nitrite-N	mg/L	1.0/-	Comp	ND < 0.090	*	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.4	--	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	8.0	*	Grab	8.2	*
Total Settleable Solids	ml/L	0.3/-	Grab	0.10	*	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	150	*	Comp	92	*
Temperature	deg. F	86/-	Grab	49	*	Grab	52	*
Total Cyanide	ug/L	8.5/-	Grab	ND < 2.2	*	Grab	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	370	*	Comp	340	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	4.0	J* (DNQ)	Comp	78	--
Turbidity	NTU	-/-	Comp	0.75	J (DNQ)	Comp	170	--
Volume Discharged	MGD	160/-	Meas	0.743525	*	Meas	0.47239	*
<b>METALS</b>								
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	ug/L	10/-	Comp	ND < 0.90	*	Comp	1.5	J (C)
Arsenic, dissolved	ug/L	-/-	Comp	ND < 0.90	*	Comp	ND < 0.90	U
Barium	mg/L	1.0/-	Comp	0.037	*	Comp	0.071	--
Barium, dissolved	mg/L	-/-	Comp	0.036	*	Comp	0.030	--
Beryllium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	0.31	J (*III, DNQ)
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.10	C* (C)	Comp	ND < 0.10	UJ (*III)
Boron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	3.1/-	Comp	ND < 0.10	*	Comp	0.12	J (DNQ)
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	16.3/-	Comp	ND < 0.90	*	Comp	ND < 8.7	UJ (B, *III)
Chromium, dissolved	ug/L	-/-	Comp	ND < 0.90	C* (C)	Comp	1.3	J (C, *III, DNQ)
Chromium VI	ug/L	16.3/-	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	Comp	1.5	J* (DNQ)	Comp	6.8	J (*III)
Copper, dissolved	ug/L	-/-	Comp	ND < 0.50	*	Comp	1.9	J (*III, DNQ)
Iron	mg/L	0.3/-	Comp	0.027	J* (DNQ)	Comp	7.4	--
Iron, dissolved	mg/L	-/-	Comp	ND < 0.015	*	Comp	0.28	--
Lead	ug/L	5.2/-	Comp	ND < 0.20	*	Comp	3.3	--
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	C* (C)	Comp	ND < 0.20	U
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	ug/L	50/-	Comp	6.2	*	Comp	130	J (*III)
Manganese, dissolved	ug/L	-/-	Comp	4.8	*	Comp	12	J (*III)
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Nickel	ug/L	96/-	Comp	2.0	*	Comp	8.3	J (*III)
Nickel, dissolved	ug/L	-/-	Comp	2.0	B* (B)	Comp	1.8	J (*III, DNQ)
Selenium	ug/L	8.2/-	Comp	ND < 0.50	*	Comp	0.55	J (DNQ)
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*	Comp	ND < 0.50	U
Silver	ug/L	4.1/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/20/2010			2/27/2010-2/28/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	ND < 6.0	*	Comp	27	--
Zinc, dissolved	ug/L	-/-	Comp	ND < 6.0	*	Comp	ND < 6.0	U
<b>ORGANICS</b>								
Benzene	ug/L	-/-	Grab	ND < 0.28	*	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*	Grab	ND < 0.28	*
1,1,2-Trichloroethane	ug/L	6.0/-	Grab	ND < 0.42	*	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	Grab	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*	Grab	ND < 0.40	*
<b>TPH</b>								
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>								
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/-	Comp	ND < 0.095	*	Comp	ND < 0.095	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/-	Comp	ND < 0.19	*	Comp	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR	ANR	ANR



OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
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NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/20/2010			2/27/2010-2/28/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*	Comp	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.6	*	Comp	ND < 1.6	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

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January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/20/2010			2/27/2010-2/28/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/-	Comp	ND < 0.095	*	Comp	ND < 0.095	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.095	*	Comp	ND < 0.095	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/6/2010-3/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	0.80	Ja* (DNQ)
Chloride	mg/L	150/-	Comp	16	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	490	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.057	Ja* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Comp	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	Comp	ND < 0.060	*
Nitrite-N	mg/L	1.0/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	8.0	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	150	*
Temperature	deg. F	86/-	Grab	57	*
Total Cyanide	ug/L	8.5/-	Grab	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	370	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	3.0	Ja* (DNQ)
Turbidity	NTU	-/-	Comp	4.1	--
Volume Discharged	MGD	160/-	Meas	1.58414	*
<b>METALS</b>					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	Comp	ND < 1.0	UJ (B)
Arsenic, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Barium	mg/L	1.0/-	Comp	0.035	--
Barium, dissolved	mg/L	-/-	Comp	0.036	--
Beryllium	ug/L	4.0/-	Comp	ND < 0.10	UJ (*III)
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.10	UJ (*III)
Boron	mg/L	-/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	3.1/-	Comp	ND < 0.10	U
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	16.3/-	Comp	ND < 0.90	UJ (*III)
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.4	UJ (B, *III)
Chromium VI	ug/L	16.3/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14.0/-	Comp	1.8	J (*III, DNQ)
Copper, dissolved	ug/L	-/-	Comp	ND < 2.0	UJ (B, *III)
Iron	mg/L	0.3/-	Comp	0.17	--
Iron, dissolved	mg/L	-/-	Comp	0.016	J (DNQ)
Lead	ug/L	5.2/-	Comp	0.32	J (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	U
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Manganese	ug/L	50/-	Comp	9.7	J (*III)
Manganese, dissolved	ug/L	-/-	Comp	6.9	J (*III)
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	Comp	1.2	J (*III, DNQ)
Nickel, dissolved	ug/L	-/-	Comp	1.2	J (*III, DNQ)
Selenium	ug/L	8.2/-	Comp	ND < 0.50	U
Selenium, dissolved	ug/L	-/-	Comp	0.60	J (DNQ)
Silver	ug/L	4.1/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/6/2010-3/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	ND < 6.0	U
Zinc, dissolved	ug/L	-/-	Comp	ND < 6.0	U
<b>ORGANICS</b>					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*
1,1,2-Trichloroethane	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	Grab	0.97	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*
<b>TPH</b>					
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13.0/-	Comp	ND < 0.095	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18.3/-	Comp	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/6/2010-3/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.6	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Diieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
 THE BOEING COMPANY  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/6/2010-3/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Methoxychlor	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16.3/-	Comp	ND < 0.095	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.095	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Ava	12/19/2010-12/20/2010			12/26/2010 <sup>(a)</sup>		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	2.6	*	Comp	1.0	Ja* (DNQ)
Chloride	mg/L	150/-	Comp	8.2	*	Comp	18	*
Dissolved Oxygen	mg	-/-	Grab	0.34	*	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR	Grab	10.59	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	110	--	Grab	460	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.052	J* (DNQ)	Comp	0.078	Ja* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	1.2	*	Comp	0.32	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	1.2	*	Comp	0.32	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	2.2	J (DNQ, *III)	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.7	*	Grab	7.7	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	35	*	Comp	81	*
Temperature	deg. F	86/-	Grab	57	*	Grab	50	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	210	*	Comp	220	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	22	*	Comp	6.0	Ja* (DNQ)
Turbidity	NTU	-/-	Comp	75	--	Comp	6.0	--
Volume Discharged	MGD	160/-	NA	0.10822	*	NA	1.090655	*
<b>METALS</b>								
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	(4.0)3.1/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Chromium	ug/L	16/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	4.52	*	Comp	2.4	*
Copper, dissolved	ug/L	-/-	Comp	2.91	*	Comp	1.6	Ja* (DNQ)
Iron	mg/L	0.3/-	Comp	2.7	--	Comp	0.24	*
Iron, dissolved	mg/L	-/-	Comp	0.067	--	Comp	0.027	Ja* (DNQ)
Lead	ug/L	5.2/-	Comp	1.7	*	Comp	ND < 0.20	*
Lead, dissolved	ug/L	-/-	Comp	0.39	J* (DNQ)	Comp	ND < 0.20	*
Manganese	ug/L	50/-	Comp	43	--	Comp	8.1	Ja* (DNQ)
Manganese, dissolved	ug/L	-/-	Comp	42	--	Comp	ND < 7.0	*
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Nickel	ug/L	96/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	(5)8.2/-	Comp	0.52	J* (DNQ)	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Silver	ug/L	4.1/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	15.3	J (DNQ)	Comp	8.54	Ja* (DNQ)
Zinc, Dissolved	ug/L	-/-	Comp	17.6	J (DNQ)	Comp	7.31	Ja* (DNQ)

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/19/2010-12/20/2010			12/26/2010 <sup>(a)</sup>		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
<b>ORGANICS</b>								
Benzene	ug/L	-/-	Grab	ND < 0.28	*	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*	ANR	ANR	ANR
Chloroform	ug/L	-/-	Grab	ND < 0.33	*	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*	ANR	ANR	ANR
Toluene	ug/L	-/-	Grab	ND < 0.36	*	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*	Grab	0.48	Ja* (DNQ)
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
<b>TPH</b>								
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>								
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0943	*	Comp	ND < 0.0943	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	*	Comp	ND < 0.189	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.



OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Ava	12/19/2010-12/20/2010			12/26/2010 <sup>(a)</sup>		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.60	*	Comp	ND < 1.60	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	Comp	1.0	*	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	*	Comp	ND < 0.0943	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
 THE BOEING COMPANY  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Ava	12/19/2010-12/20/2010			12/26/2010 <sup>(a)</sup>		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	*	Comp	ND < 0.0943	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Grab	ND < 0.50	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Grab	1.3	Ja* (DNQ)
Chloride	mg/L	150/-	Grab	25	*
Dissolved Oxygen	mg	-/-	Grab	0.47	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	660	--
Surfactants (MBAS)	mg/L	0.5/-	Grab	ND < 0.050	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Grab	ND < 0.15	*
Nitrate as Nitrogen (N)	mg/L	8/-	Grab	0.11	*
Nitrite-N	mg/L	1/-	Grab	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Grab	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.7	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Grab	120	*
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	8.5/-	Grab	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Grab	390	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Grab	ND < 1.0	*
Turbidity	NTU	-/-	Grab	0.85	J (DNQ)
Volume Discharged	MGD	160/-	NA	0.05215	*
<b>METALS</b>					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0)3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Grab	ND < 0.10	*
Chromium	ug/L	16/-	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.0	*
Copper, dissolved	ug/L	-/-	Grab	1.7	Ja* (DNQ)
Iron	mg/L	0.3/-	Comp	0.071	*
Iron, dissolved	mg/L	-/-	Grab	ND < 0.015	*
Lead	ug/L	5.2/-	Comp	ND < 0.20	*
Lead, dissolved	ug/L	-/-	Grab	ND < 0.20	*
Manganese	ug/L	50/-	Comp	ND < 7.0	*
Manganese, dissolved	ug/L	-/-	Grab	ND < 7.0	*
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Grab	ND < 0.10	U
Nickel	ug/L	96/-	ANR	ANR	ANR
Selenium	ug/L	(5)8.2/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Grab	ND < 0.50	*
Silver	ug/L	4.1/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	ND < 6.00	*
Zinc, Dissolved	ug/L	-/-	Grab	ND < 6.00	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
<b>ORGANICS</b>					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR
<b>TPH</b>					
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>					
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Grab	ND < 0.0952	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Grab	ND < 0.190	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Grab	ND < 0.0024	*
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

OUTFALL 002 (South Slope below R-2 Pond)

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NPDES PERMIT CA0001309

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Grab	ND < 1.62	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Grab	ND < 0.0952	*

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2010 REPORTING SUMMARY  
 THE BOEING COMPANY  
 SANTA SUSANA FIELD LABORATORY  
 NPDES PERMIT CA0001309

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Grab	ND < 0.0952	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

See attached notes for abbreviations, definitions and other explanations for the data presented.

<sup>(a)</sup>Based on peak LA River flow, sampling event on 12/26/10 is a dry discharge.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date: January 18-19, 2010**

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.00E-05	4.80E-05	5.70E-05	--	0.01	<b>5.70E-07</b>
1,2,3,4,6,7,8-HpCDF	1.50E-06	4.80E-05	ND	U (B)	0.01	<b>ND</b>
1,2,3,4,7,8,9-HpCDF	2.10E-06	4.80E-05	ND	U (B)	0.01	<b>ND</b>
1,2,3,4,7,8-HxCDD	8.90E-06	4.80E-05	ND	U	0.1	<b>ND</b>
1,2,3,4,7,8-HxCDF	7.80E-07	4.80E-05	ND	U (B)	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDD	8.50E-06	4.80E-05	ND	U	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDF	7.70E-07	4.80E-05	ND	U (B)	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDD	7.30E-06	4.80E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDF	8.70E-07	4.80E-05	ND	U (B)	0.1	<b>ND</b>
1,2,3,7,8-PeCDD	3.00E-06	2.50E-06	ND	U (B)	1	<b>ND</b>
1,2,3,7,8-PeCDF	6.00E-07	1.40E-06	ND	U (B)	0.05	<b>ND</b>
2,3,4,6,7,8-HxCDF	7.30E-07	4.80E-05	ND	U (B)	0.1	<b>ND</b>
2,3,4,7,8-PeCDF	6.40E-07	1.90E-06	ND	U (B)	0.5	<b>ND</b>
2,3,7,8-TCDD	1.50E-06	9.60E-06	ND	U	1	<b>ND</b>
2,3,7,8-TCDF	4.60E-07	4.40E-07	ND	U (B)	0.1	<b>ND</b>
OCDD	6.00E-06	9.60E-05	7.20E-04	--	0.0001	<b>7.20E-08</b>
OCDF	1.30E-06	9.60E-05	ND	U (B)	0.0001	<b>ND</b>

<b>TCDD TEQ w/out DNQ Values</b>	<b>6.42E-07</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date: February 5, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	5.80E-07	5.00E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	3.70E-07	1.90E-06	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	6.80E-07	6.40E-07	ND	UJ (*III)	0.01	ND
1,2,3,4,7,8-HxCDD	5.10E-07	2.90E-07	ND	UJ (*III)	0.1	ND
1,2,3,4,7,8-HxCDF	4.10E-07	5.00E-05	8.00E-07	J (DNQ)	0.1	ND
1,2,3,6,7,8-HxCDD	5.10E-07	5.00E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDF	3.70E-07	5.00E-05	5.50E-07	J (DNQ)	0.1	ND
1,2,3,7,8,9-HxCDD	3.90E-07	5.00E-05	5.00E-07	J (DNQ)	0.1	ND
1,2,3,7,8,9-HxCDF	4.90E-07	5.00E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	5.80E-07	5.00E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	4.40E-07	5.00E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	3.60E-07	5.00E-05	ND	U	0.1	ND
2,3,4,7,8-PeCDF	5.40E-07	5.00E-05	ND	U	0.5	ND
2,3,7,8-TCDD	4.60E-07	1.00E-05	ND	U	1	ND
2,3,7,8-TCDF	3.60E-07	8.10E-07	ND	UJ (*III)	0.1	ND
OCDD	1.20E-06	1.00E-04	ND	U (B)	0.0001	ND
OCDF	7.60E-07	1.00E-04	ND	U (B)	0.0001	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.



**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date: February 20, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	1.10E-06	1.50E-06	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	1.00E-06	9.20E-07	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.70E-06	4.80E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	6.70E-07	7.30E-07	ND	U (B)	0.1	ND
1,2,3,4,7,8-HxCDF	2.80E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDD	5.60E-07	4.80E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDF	2.60E-07	4.80E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDD	5.50E-07	4.80E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	3.40E-07	4.80E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	5.80E-07	4.80E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	3.00E-07	4.80E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	2.50E-07	4.20E-07	ND	U (B)	0.1	ND
2,3,4,7,8-PeCDF	3.70E-07	4.80E-05	ND	U	0.5	ND
2,3,7,8-TCDD	3.00E-08	9.50E-06	ND	U	1	ND
2,3,7,8-TCDF	2.00E-08	9.50E-06	ND	U	0.1	ND
OCDD	9.30E-07	9.50E-05	ND	U (B)	0.0001	ND
OCDF	1.10E-06	1.20E-06	ND	U (B)	0.0001	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date: February 27-28, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	1.60E-05	4.70E-05	6.10E-05	--	0.01	<b>6.10E-07</b>
1,2,3,4,6,7,8-HpCDF	6.10E-06	4.70E-05	2.00E-05	J (DNQ)	0.01	<b>ND</b>
1,2,3,4,7,8,9-HpCDF	9.10E-06	4.70E-05	ND	U	0.01	<b>ND</b>
1,2,3,4,7,8-HxCDD	8.40E-06	4.70E-05	ND	U	0.1	<b>ND</b>
1,2,3,4,7,8-HxCDF	3.70E-06	4.70E-05	ND	U	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDD	7.60E-06	4.70E-05	ND	U	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDF	3.30E-06	4.70E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDD	6.40E-06	4.70E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDF	3.60E-06	4.70E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8-PeCDD	4.40E-06	5.10E-04	ND	U	1	<b>ND</b>
1,2,3,7,8-PeCDF	2.60E-06	4.70E-05	ND	U	0.05	<b>ND</b>
2,3,4,6,7,8-HxCDF	3.20E-06	4.70E-05	ND	U	0.1	<b>ND</b>
2,3,4,7,8-PeCDF	3.10E-06	4.70E-05	ND	U	0.5	<b>ND</b>
2,3,7,8-TCDD	2.10E-06	9.40E-06	ND	U	1	<b>ND</b>
2,3,7,8-TCDF	1.70E-06	9.40E-06	ND	U	0.1	<b>ND</b>
OCDD	2.60E-05	9.40E-05	7.10E-04	--	0.0001	<b>7.10E-08</b>
OCDF	8.40E-06	9.40E-05	7.90E-05	J (DNQ)	0.0001	<b>ND</b>

<b>TCDD TEQ w/out DNQ Values</b>	<b>6.81E-07</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date: March 6-7, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	1.90E-06	5.00E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	5.90E-07	1.00E-06	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	9.50E-07	5.00E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	8.40E-07	5.00E-05	ND	U	0.1	ND
1,2,3,4,7,8-HxCDF	3.30E-07	5.00E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDD	7.80E-07	5.00E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDF	3.20E-07	5.00E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDD	6.70E-07	5.00E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	4.30E-07	5.00E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	5.80E-07	5.00E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	5.00E-07	5.00E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	3.00E-07	5.00E-05	ND	U	0.1	ND
2,3,4,7,8-PeCDF	5.50E-07	5.00E-05	ND	U	0.5	ND
2,3,7,8-TCDD	4.40E-07	1.00E-05	ND	U	1	ND
2,3,7,8-TCDF	5.00E-07	1.00E-05	ND	U	0.1	ND
OCDD	3.80E-06	9.00E-05	ND	U (B)	0.0001	ND
OCDF	7.40E-07	3.60E-06	ND	U (B)	0.0001	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date December 19-20, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>BEF Great Lakes Water Quality Initiative</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	1.60E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	4.60E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	5.80E-07	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	3.60E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.10E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	3.10E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.00E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	3.10E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	9.00E-08	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.30E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	2.70E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.10E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	3.40E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	4.80E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.90E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.80E-07	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	6.20E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date December 26, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>BEF Great Lakes Water Quality Initiative</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	3.40E-07	5.00E-05	5.10E-06	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	3.20E-07	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	4.50E-07	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	6.40E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	5.10E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	3.20E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.70E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	3.30E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	3.40E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.10E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	8.30E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.60E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	9.40E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	7.90E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	4.80E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	9.30E-07	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	5.80E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND
<b>TCDD TEQ w/out DNQ Values</b>							<b>ND</b>

**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Type: Composite**

**Sample Date December 29-30, 2010**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>BEF Great Lakes Water Quality Initiative</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	6.40E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	4.20E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	5.70E-07	5.00E-05	ND	UJ (*III)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	4.30E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.90E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	3.80E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.50E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	4.30E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	3.20E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.10E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	3.60E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.60E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	3.90E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	5.70E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	7.00E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.10E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	5.30E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>ND</b>
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**TCDD TEQ BENCHMARK LIMIT = 2.80E-08**

See attached notes for abbreviations, definitions, and other explanations for the data presented in this table.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	SAMPLE TYPE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/19/2010			2/5/2010		
				RESULT	VALIDATION QUALIFIER	MDA	RESULT	VALIDATION QUALIFIER	MDA
<b>RADIOACTIVITY</b>									
Gross Alpha	Composite	pCi/L	15/-	3.9 ± 1.9	J (H, C)	2.3	4.5 ± 2.4	J (H,C)	3
Gross Beta	Composite	pCi/L	50/-	9.5 ± 1.7	J (H)	1.8	2.9 ± 1.0	J (H, DNQ)	1.3
Strontium-90	Composite	pCi/L	8.0/-	0.09 ± 0.41	U	0.7	0.37 ± 0.27	U	0.42
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	0.637 ± 0.598	U	1.14	0.060 ± 0.239	R	0.57
Tritium	Composite	pCi/L	20000/-	36 ± 81	U	140	ND < 500 ± 73	U (B)	93
Uranium, Total	Composite	pCi/L	20/-	0.218 ± 0.038	J (H, DNQ)	0.21	1.48 ± 0.15	--	0.21
Potassium-40	Composite	pCi/L	-/-	-60 ± 520	U	290	-40 ± 200	UJ (H)	190
Cesium 137	Composite	pCi/L	200/-	0.0 ± 1.7	U	6.3	2.6 ± 6.0	UJ (H)	10

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1, 2010 through July 18, 2010**

ANALYTE	SAMPLE TYPE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/20/2010			2/28/2010		
				RESULT	VALIDATION QUALIFIER	MDA	RESULT	VALIDATION QUALIFIER	MDA
<b>RADIOACTIVITY</b>									
Gross Alpha	Composite	pCi/L	15/-	-0.12 ± 0.90	UJ (H, C)	2	6.7 ± 3.1	J (H, C)	3.6
Gross Beta	Composite	pCi/L	50/-	3.5 ± 1.0	J (H, DNQ)	1.3	4.9 ± 1.2	J (H)	1.4
Strontium-90	Composite	pCi/L	8.0/-	-0.03 ± 0.19	U	0.34	-0.04 ± 0.22	U	0.4
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	0.063 ± 0.216	U	0.438	0.73 ± 0.73	J	0.385
Tritium	Composite	pCi/L	20000/-	-79 ± 52	U	140	93 ± 87	U	130
Uranium, Total	Composite	pCi/L	20/-	0.677 ± 0.074	R (B, H)	0.21	ND < 1.48 ± 0.17	UJ (B, H)	0.21
Potassium-40	Composite	pCi/L	-/-	-30 ± 270	U	280	-80 ± 410	U	210
Cesium 137	Composite	pCi/L	200/-	-1 ± 11	U	21	-0.9 ± 7.3	U	13



**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1, 2010 through July 18, 2010**

ANALYTE	SAMPLE TYPE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2010		
				RESULT	VALIDATION QUALIFIER	MDA
<b>RADIOACTIVITY</b>						
Gross Alpha	Composite	pCi/L	15/-	0.3 ± 1.1	UJ (C)	2.1
Gross Beta	Composite	pCi/L	50/-	3.9 ± 1.4	J (DNQ)	2
Strontium-90	Composite	pCi/L	8.0/-	0.25 ± 0.32	U	0.53
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	0.633 ± 0.384	U	0.663
Tritium	Composite	pCi/L	20000/-	34 ± 87	U	160
Uranium, Total	Composite	pCi/L	20/-	ND < 0.693 ± 0.072	U (B)	0.21
Potassium-40	Composite	pCi/L	-/-	-50 ± 360	U	250
Cesium 137	Composite	pCi/L	200/-	4.5 ± 9.4	U	16

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**July 19, 2010 through December 31, 2010**

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/20/2010 (Comp)			12/26/2010 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>								
Gross Alpha	pCi/L	15/-	1.72 ± 0.51	0.486	J (C,DNQ)	0.728 ± 0.47	0.768	UJ (C)
Gross Beta	pCi/L	50/-	4.24 ± 0.65	0.852	--	2.76 ± 0.58	0.814	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.202 ± 0.40	1.05	U	-0.038 ± 0.24	0.523	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.61 ± 0.37	0.96	U	0.69 ± 0.43	1.03	J (DNQ)
Tritium	pCi/L	20000/-	-133 ± 170	298	U	-32.9 ± 110	184	U
Uranium, Total	pCi/L	20/-	0.279 ± 0.031	0.019	J (DNQ)	0.783 ± 0.089	0.017	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 13.8	13.8	U	ND < 28.7	28.7	U
Cesium 137	pCi/L	200/-	ND < 1.07	1.07	U	ND < 1.39	1.39	U

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**July 19, 2010 through December 31, 2010**

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Ava	12/30/2010 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>					
Gross Alpha	pCi/L	15/-	1.21 ± 0.70	0.84	J (C, DNQ)
Gross Beta	pCi/L	50/-	4.02 ± 0.86	1.21	--
Strontium-90	pCi/L	8.0/-	-0.29 ± 0.64	1.65	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.42 ± 0.47	1.08	U
Tritium	pCi/L	20000/-	-60.3 ± 190	331	U
Uranium, Total	pCi/L	20/-	1.46 ± 0.17	0.017	--
Potassium-40	pCi/L	-/-	ND < 27.2	27.2	U
Cesium 137	pCi/L	200/-	ND < 1.23	1.23	U

## OUTFALL 002 (South Slope below R-2 Pond)

### ANNUAL 2010 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	01/18/2010-01/19/2010			2/5/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	160	Meas	1.182665	*	Meas	0.298095	*
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	28.60	*	Comp	2.01	J* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	147.95	*	Comp	67.13	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.29	Ja* (DNQ)	Comp	0.09	J* (DNQ)
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR	Comp	0.97	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	4.04	*	Comp	0.60	J* (DNQ)
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	4.04	*	Comp	0.60	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	8/-	Comp	ND	*	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	1578.15	*	Comp	397.78	*
Total Cyanide	LBS/DAY	11.3/-	Grab	ND	*	Grab	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	3945.37	*	Comp	994.44	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	483.31	--	Comp	22.38	J* (DNQ)
Antimony	LBS/DAY	8.01/-	ANR	ANR	ANR	Comp	ND	*
Arsenic	LBS/DAY	66.7/-	Comp	0.02	--	Comp	ND	U
Barium	LBS/DAY	1,330/-	Comp	0.55	--	Comp	0.10	--
Beryllium	LBS/DAY	5.34/-	Comp	0.0014	J (DNQ)	Comp	ND	U
Cadmium	LBS/DAY	4.14/-	Comp	ND	U	Comp	ND	*
Chromium	LBS/DAY	21.8/-	Comp	0.03	J (*III)	Comp	ND	U
Copper	LBS/DAY	18.7/-	Comp	0.04	J (*III)	Comp	0.0042	J* (DNQ)
Iron	LBS/DAY	400/-	Comp	19.73	--	Comp	1.52	--
Lead	LBS/DAY	6.94/-	Comp	0.02	--	Comp	0.0010	J* (DNQ)
Manganese	LBS/DAY	66.7/-	Comp	0.85	J (*III)	Comp	0.04	J (DNQ)

See attached notes for abbreviations, definitions, and other explanations for the data presented.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	01/18/2010-01/19/2010			2/5/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Mercury	LBS/DAY	0.13/-	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	128/-	Comp	0.03	J (*III)	Comp	ND	UJ (R)
Selenium	LBS/DAY	10.9/-	Comp	ND	U	Comp	ND	*
Silver	LBS/DAY	5.5/-	ANR	ANR	ANR	Comp	ND	*
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR	Comp	ND	C*
Zinc	LBS/DAY	159/-	Comp	0.14	J (*III, DNQ)	Comp	0.02	J (DNQ)
1,1-Dichloroethene	LBS/DAY	8/-	Grab	ND	*	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*	Grab	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/-	Comp	ND	*	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	6.33E-09	--	Comp	ND	--

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/20/2010			02/27/2010-02/28/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	160	Meas	0.46636	*	Meas	0.29846	*
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	ND	*	Comp	3.24	J* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	62.23	*	Comp	44.80	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.36	J* (DNQ)	Comp	0.13	J* (DNQ)
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*	Comp	0.85	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*	Comp	0.85	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	--	Grab	ND	*
Perchlorate	LBS/DAY	8/-	Comp	ND	*	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	583.42	*	Comp	229.00	*
Total Cyanide	LBS/DAY	11.3/-	Grab	ND	*	Grab	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	1439.09	*	Comp	846.31	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	15.56	J* (DNQ)	Comp	194.15	--
Antimony	LBS/DAY	8.01/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	LBS/DAY	66.7/-	Comp	ND	*	Comp	0.0037	J (C)
Barium	LBS/DAY	1,330/-	Comp	0.14	*	Comp	0.18	--
Beryllium	LBS/DAY	5.34/-	Comp	ND	*	Comp	0.00077	J (*III, DNQ)
Cadmium	LBS/DAY	4.14/-	Comp	ND	*	Comp	0.00030	J (DNQ)
Chromium	LBS/DAY	21.8/-	Comp	ND	*	Comp	ND	UJ (B, *III)
Copper	LBS/DAY	18.7/-	Comp	0.01	J* (DNQ)	Comp	0.02	J (*III)
Iron	LBS/DAY	400/-	Comp	0.11	J* (DNQ)	Comp	18.42	--
Lead	LBS/DAY	6.94/-	Comp	ND	*	Comp	0.01	--
Manganese	LBS/DAY	66.7/-	Comp	0.02	*	Comp	0.32	J (*III)

See attached notes for abbreviations, definitions, and other explanations for the data presented.

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/20/2010			02/27/2010-02/28/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Mercury	LBS/DAY	0.13/-	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	128/-	Comp	0.01	*	Comp	0.02	J (*III)
Selenium	LBS/DAY	10.9/-	Comp	ND	*	Comp	0.0014	J (DNQ)
Silver	LBS/DAY	5.5/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	LBS/DAY	159/-	Comp	ND	*	Comp	0.07	--
1,1-Dichloroethene	LBS/DAY	8/-	Grab	ND	*	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*	Grab	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/-	Comp	ND	*	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	ND	--	Comp	1.70E-09	--

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	03/06/2010-03/07/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	160	Meas	0.958025	*
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	6.39	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	127.84	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.46	Ja* (DNQ)
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	ND	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*
Perchlorate	LBS/DAY	8/-	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	1198.49	*
Total Cyanide	LBS/DAY	11.3/-	Grab	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	2956.27	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	23.97	Ja* (DNQ)
Antimony	LBS/DAY	8.01/-	ANR	ANR	ANR
Arsenic	LBS/DAY	66.7/-	Comp	ND	UJ (B)
Barium	LBS/DAY	1,330/-	Comp	0.28	--
Beryllium	LBS/DAY	5.34/-	Comp	ND	UJ (*III)
Cadmium	LBS/DAY	4.14/-	Comp	ND	U
Chromium	LBS/DAY	21.8/-	Comp	ND	UJ (*III)
Copper	LBS/DAY	18.7/-	Comp	0.01	J (*III, DNQ)
Iron	LBS/DAY	400/-	Comp	1.36	--
Lead	LBS/DAY	6.94/-	Comp	0.0026	J (DNQ)
Manganese	LBS/DAY	66.7/-	Comp	0.08	J (*III)



**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	03/06/2010-03/07/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
Mercury	LBS/DAY	0.13/-	Comp	ND	U
Nickel	LBS/DAY	128/-	Comp	0.01	J (*III, DNQ)
Selenium	LBS/DAY	10.9/-	Comp	ND	U
Silver	LBS/DAY	5.5/-	ANR	ANR	ANR
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR
Zinc	LBS/DAY	159/-	Comp	ND	U
1,1-Dichloroethene	LBS/DAY	8/-	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	0.01	*
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/-	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Comp	ND	--

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**July 19, 2010 through December 31, 2010**

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/19/2010-12/20/2010			12/26/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.10822		Meas	1.090655	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	2.35	*	Comp	9.10	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	7.40	*	Comp	163.73	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	0.05	J* (DNQ)	Comp	0.71	Ja* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	1.08	*	Comp	2.91	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	1.08	*	Comp	2.91	*
Nitrite-N	LBS/DAY	1,334/-	Comp	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	8/-	Comp	0.00	J (DNQ, *III)	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Comp	31.59	*	Comp	736.78	*
Total Cyanide	LBS/DAY	11.3/-	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	189.54	*	Comp	2001.13	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	19.86	*	Comp	54.58	Ja* (DNQ)
Cadmium	LBS/DAY	4.14/-	Comp	ND	*	Comp	ND	*
Copper	LBS/DAY	18.7/-	Comp	0.00	*	Comp	0.02	*
Iron	LBS/DAY	400/-	Comp	2.44	--	Comp	2.18	*
Lead	LBS/DAY	6.94/-	Comp	0.00	*	Comp	ND	*
Manganese	LBS/DAY	66.7/-	Comp	0.04	--	Comp	0.07	Ja* (DNQ)
Mercury	LBS/DAY	0.13/-	Comp	ND	U	Comp	ND	U
Selenium	LBS/DAY	10.9/-	Comp	0.00	J* (DNQ)	Comp	ND	*
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*	Grab	ND	*
Zinc	LBS/DAY	159/-	Comp	0.01	J (DNQ)	Comp	0.08	Ja* (DNQ)
1,1-Dichloroethene	LBS/DAY	8/-	Grab	ND	*	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*	Grab	0.00	Ja* (DNQ)

**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**July 19, 2010 through December 31, 2010**

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/19/2010-12/20/2010			12/26/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
2,4,6-Trichlorophenol	LBS/DAY	17/-	Comp	ND	*	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Comp	ND	*	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Comp	ND	*	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Comp	ND	*	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/-	Comp	ND	*	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Comp	ND	*	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/-	Comp	ND	--	Comp	3.17E-11	--

## OUTFALL 002 (South Slope below R-2 Pond)

### ANNUAL 2010 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	160	Meas	0.05215	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Grab	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Grab	0.57	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Grab	10.87	*
Surfactants (MBAS)	LBS/DAY	667/-	Grab	ND	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Grab	ND	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Grab	0.05	*
Nitrite-N	LBS/DAY	1,334/-	Grab	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	--
Perchlorate	LBS/DAY	8/-	Grab	ND	*
Sulfate	LBS/DAY	400,320/-	Grab	52.19	*
Total Cyanide	LBS/DAY	11.3/-	Grab	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Grab	169.62	*
Total Suspended Solids	LBS/DAY	60,048/-	Grab	ND	*
Cadmium	LBS/DAY	4.14/-	Comp	ND	*
Copper	LBS/DAY	18.7/-	Comp	0.00	*
Iron	LBS/DAY	400/-	Comp	0.03	*
Lead	LBS/DAY	6.94/-	Comp	ND	*
Manganese	LBS/DAY	66.7/-	Comp	ND	*
Mercury	LBS/DAY	0.13/-	Comp	ND	U
Selenium	LBS/DAY	10.9/-	Comp	ND	*
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*
Zinc	LBS/DAY	159/-	Comp	ND	*
1,1-Dichloroethene	LBS/DAY	8/-	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*

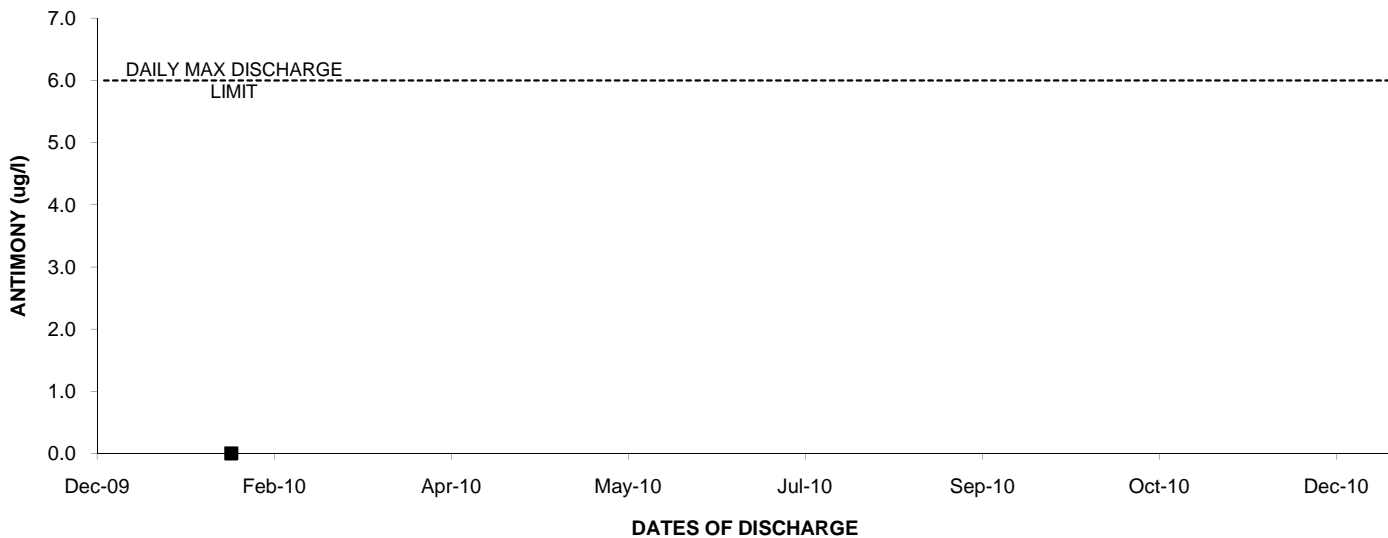
**OUTFALL 002 (South Slope below R-2 Pond)**

**ANNUAL 2010 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

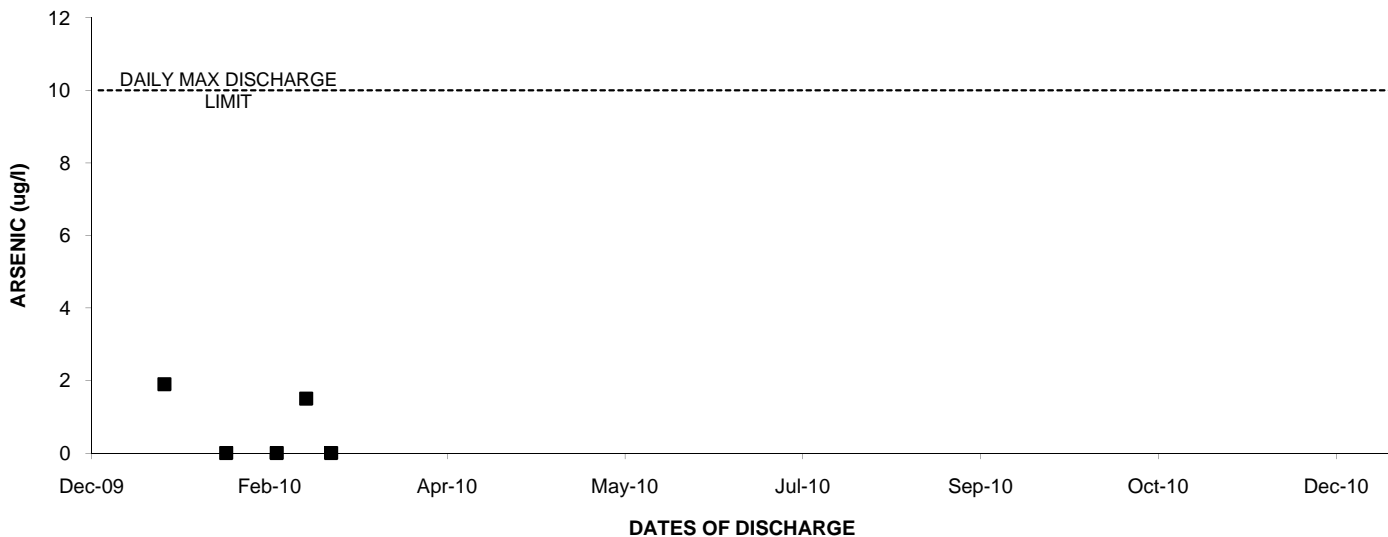
**July 19, 2010 through December 31, 2010**

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
2,4,6-Trichlorophenol	LBS/DAY	17/-	Grab	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Grab	ND	*
alpha-BHC	LBS/DAY	0.04/-	Grab	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Grab	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/-	Grab	ND	*
Pentachlorophenol	LBS/DAY	22/-	Grab	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.7E-08/-	Comp	ND	*

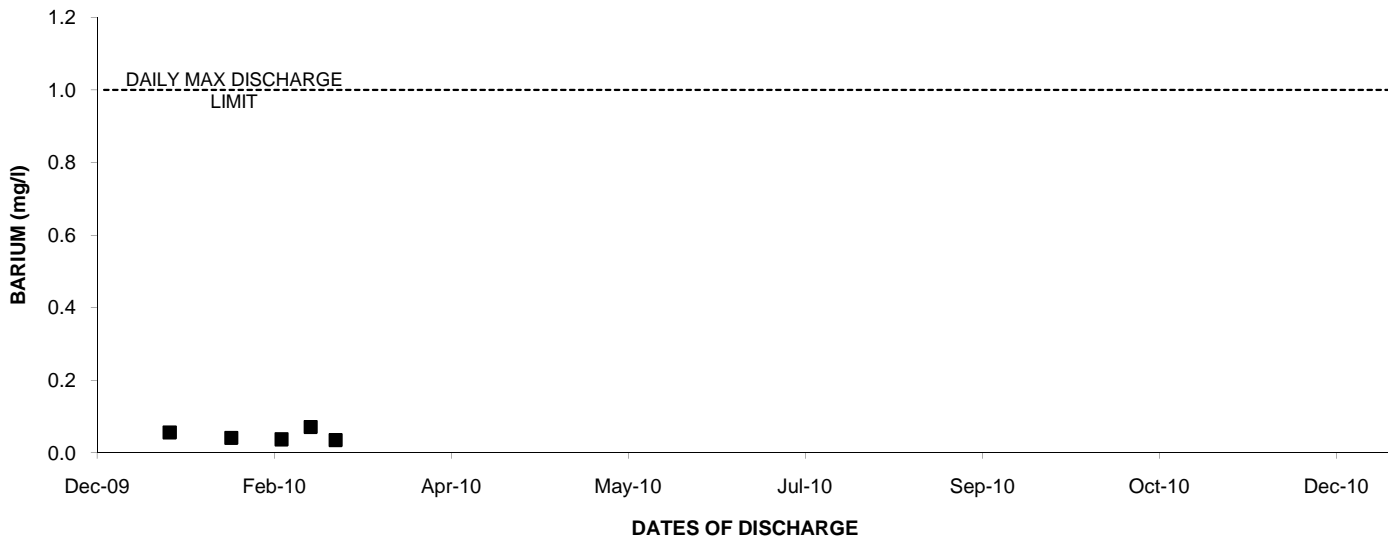
### 2010: Outfall 002 ANTIMONY



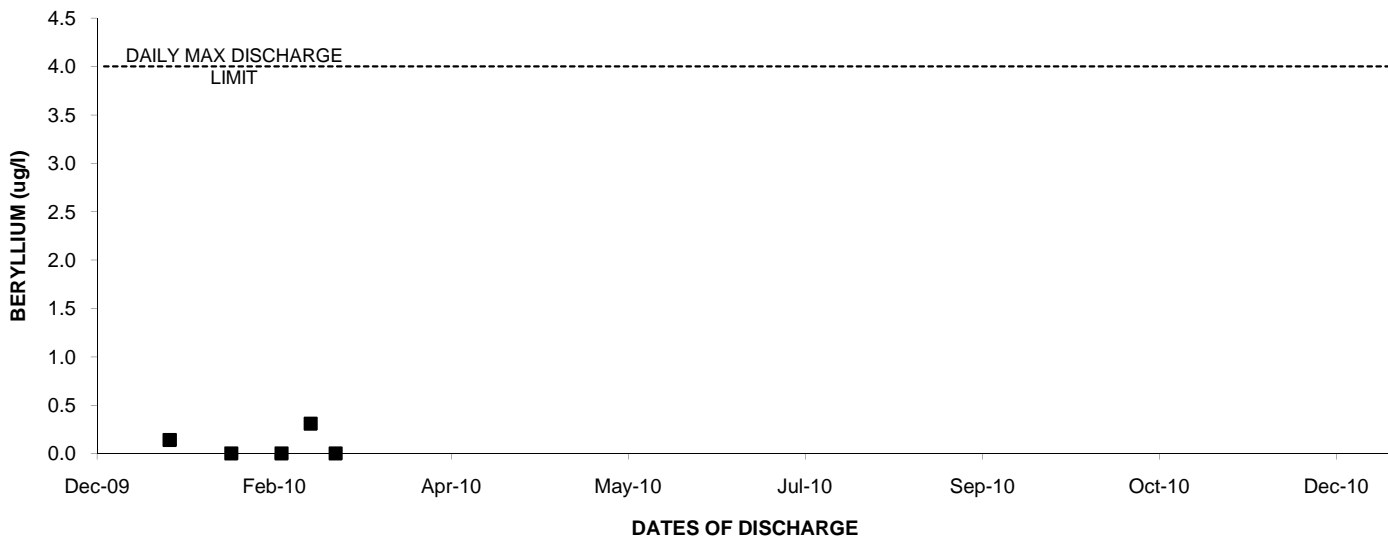
### 2010: Outfall 002 ARSENIC



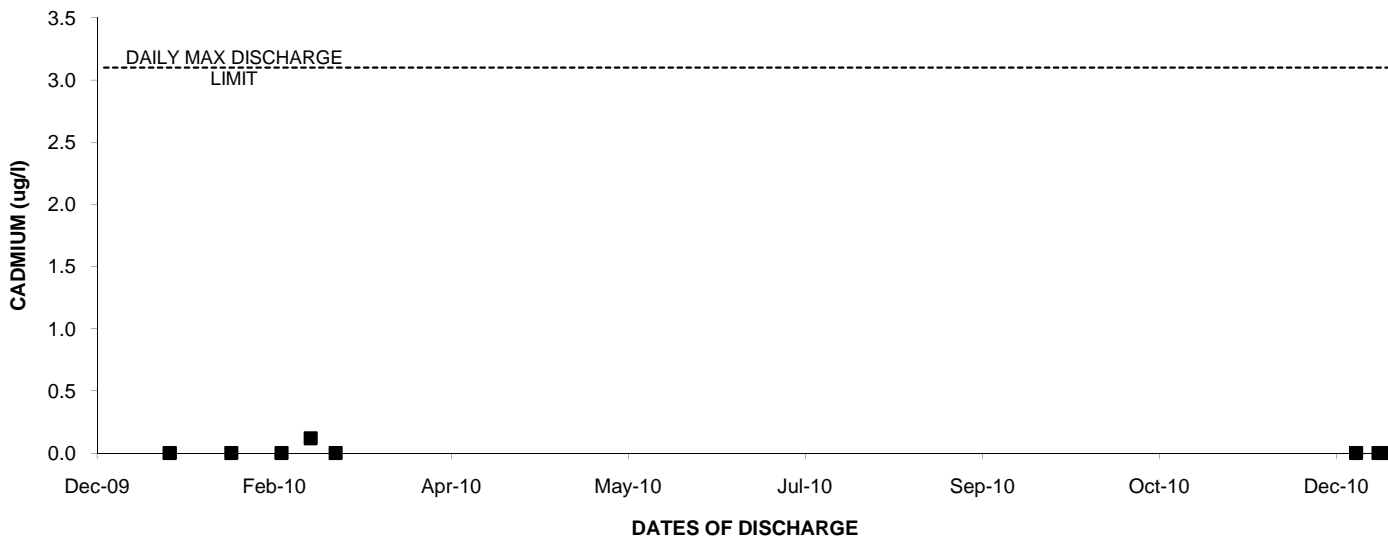
### 2010: Outfall 002 BARIUM



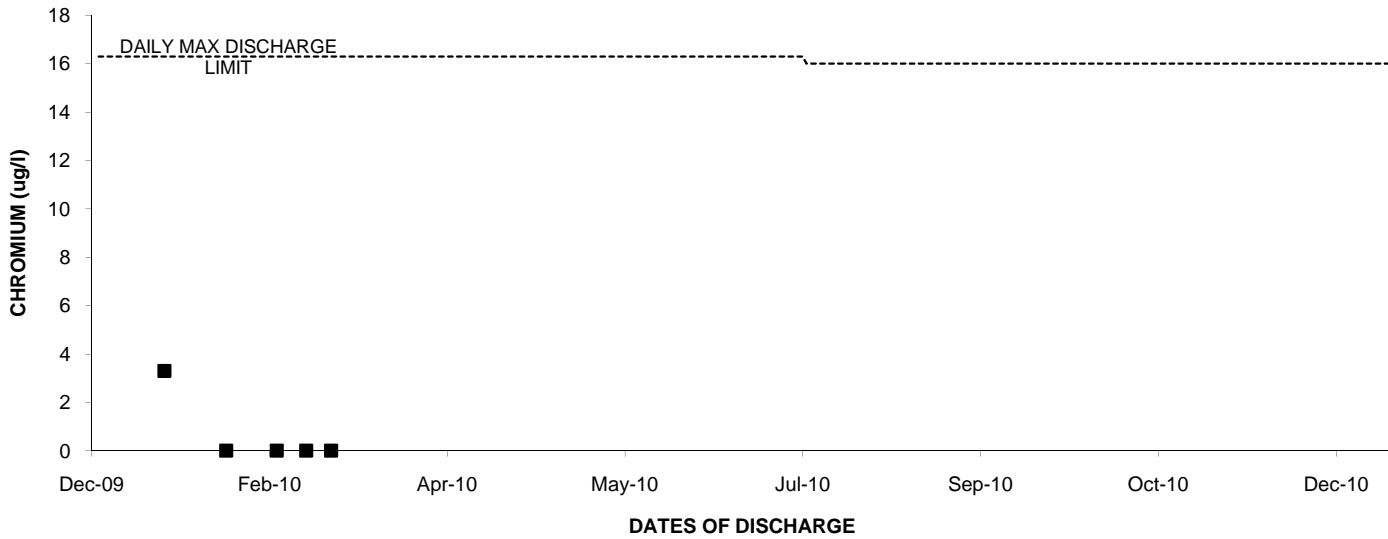
### 2010: Outfall 002 BERYLLIUM



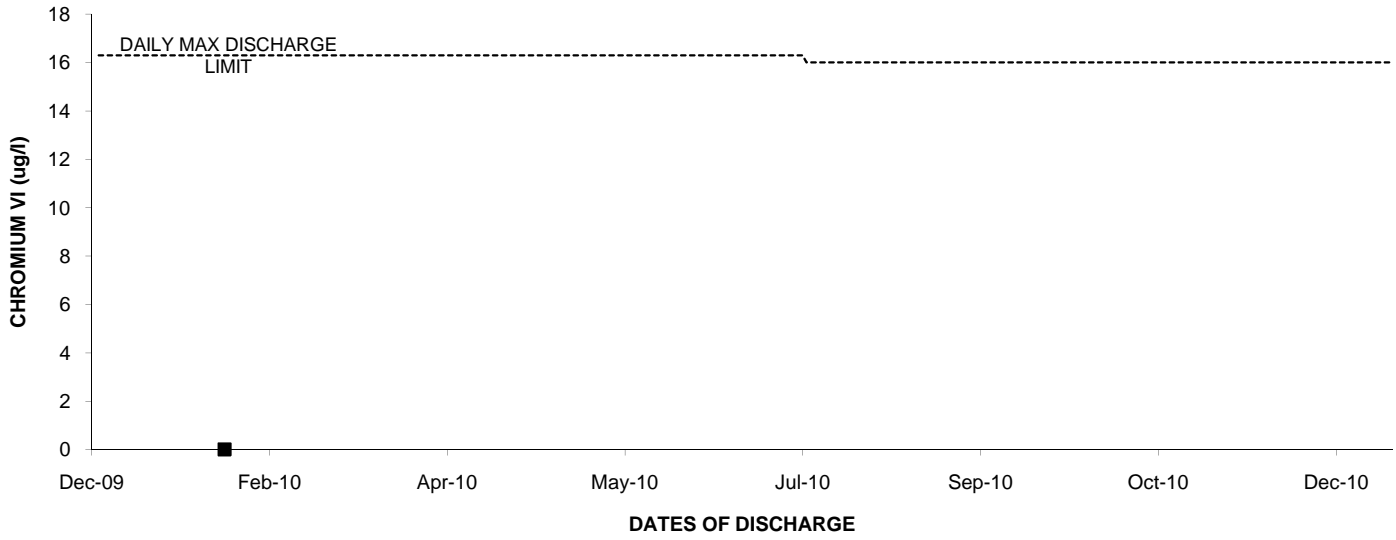
### 2010: Outfall 002 CADMIUM



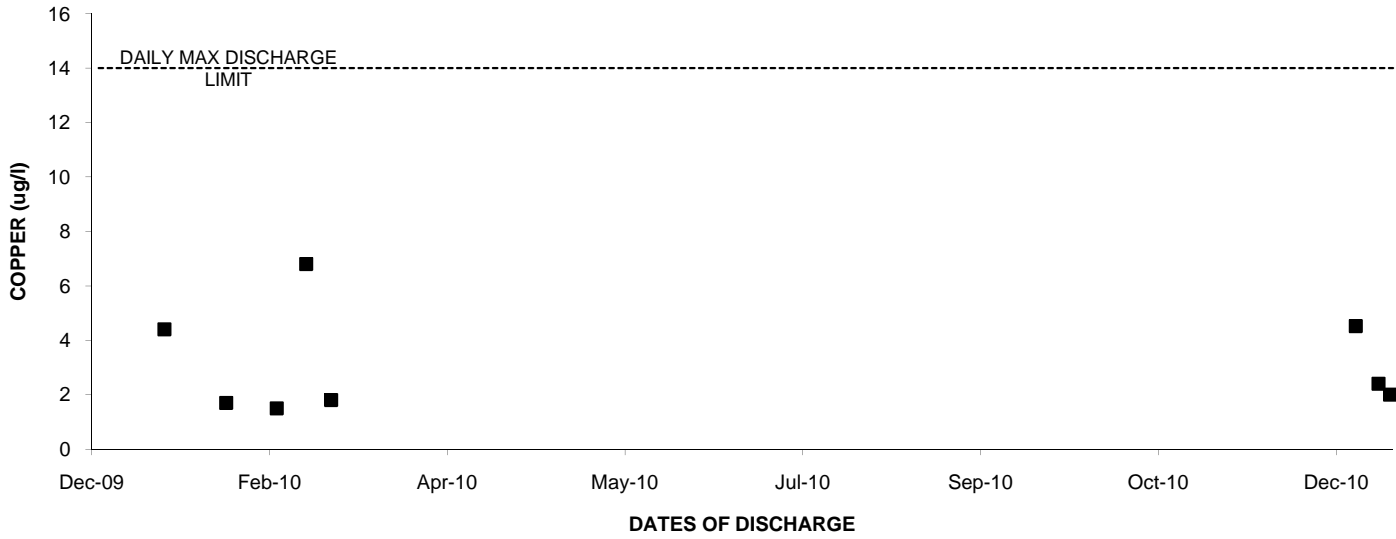
### 2010: Outfall 002 CHROMIUM



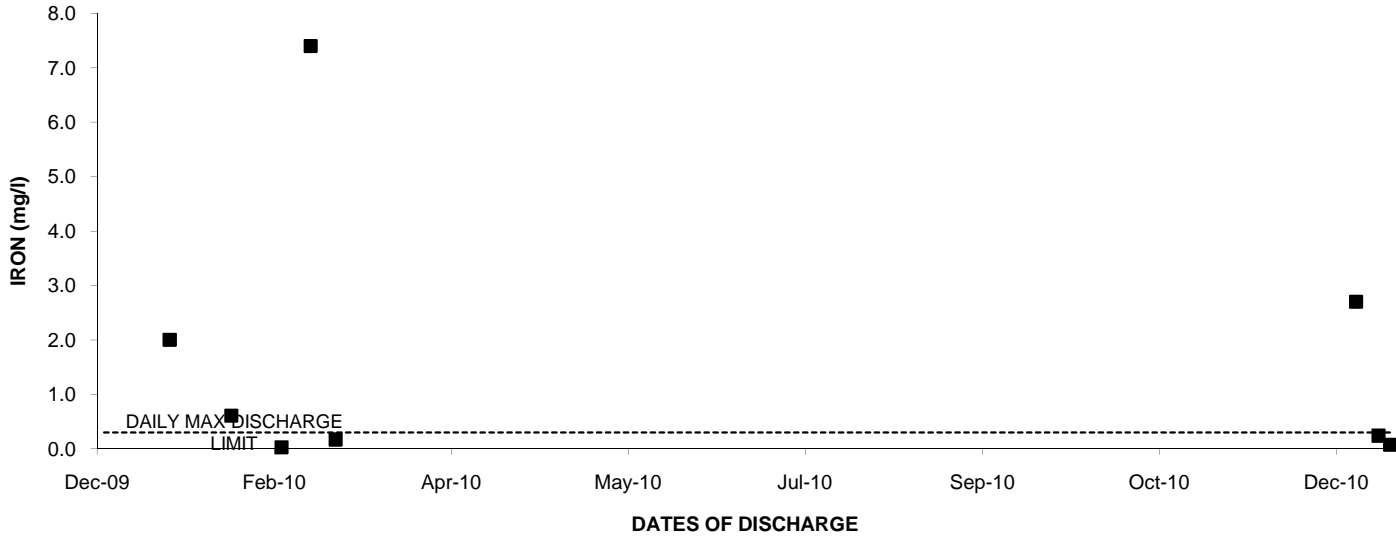
### 2010: Outfall 002 CHROMIUM VI



### 2010: Outfall 002 COPPER

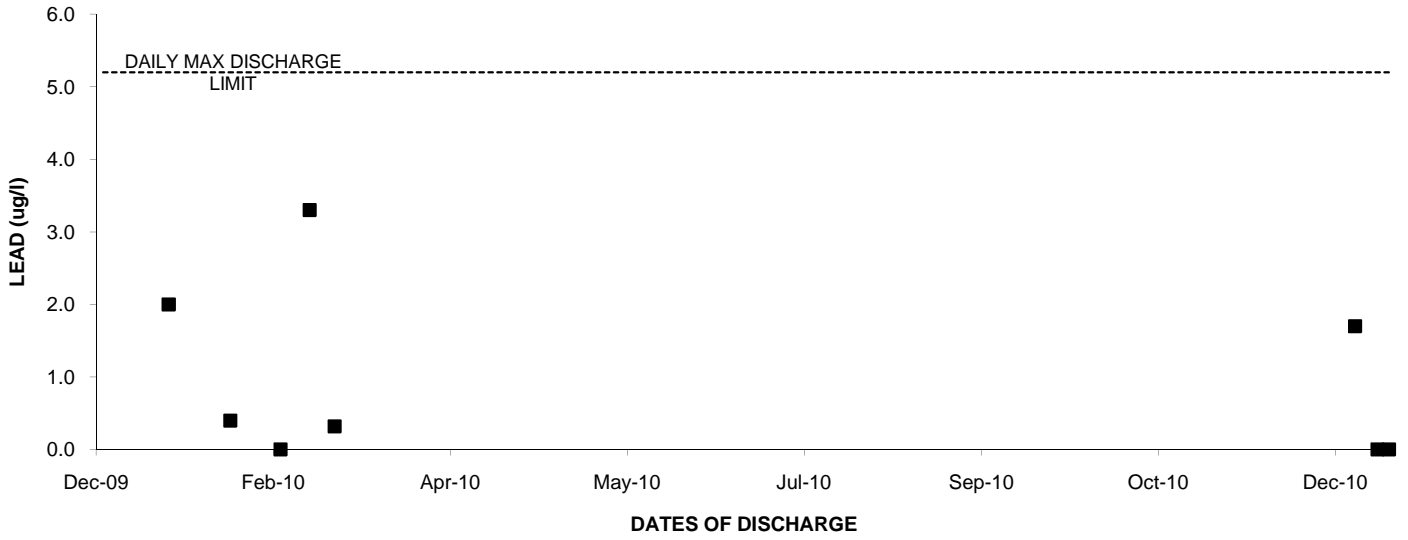


### 2010: Outfall 002 IRON

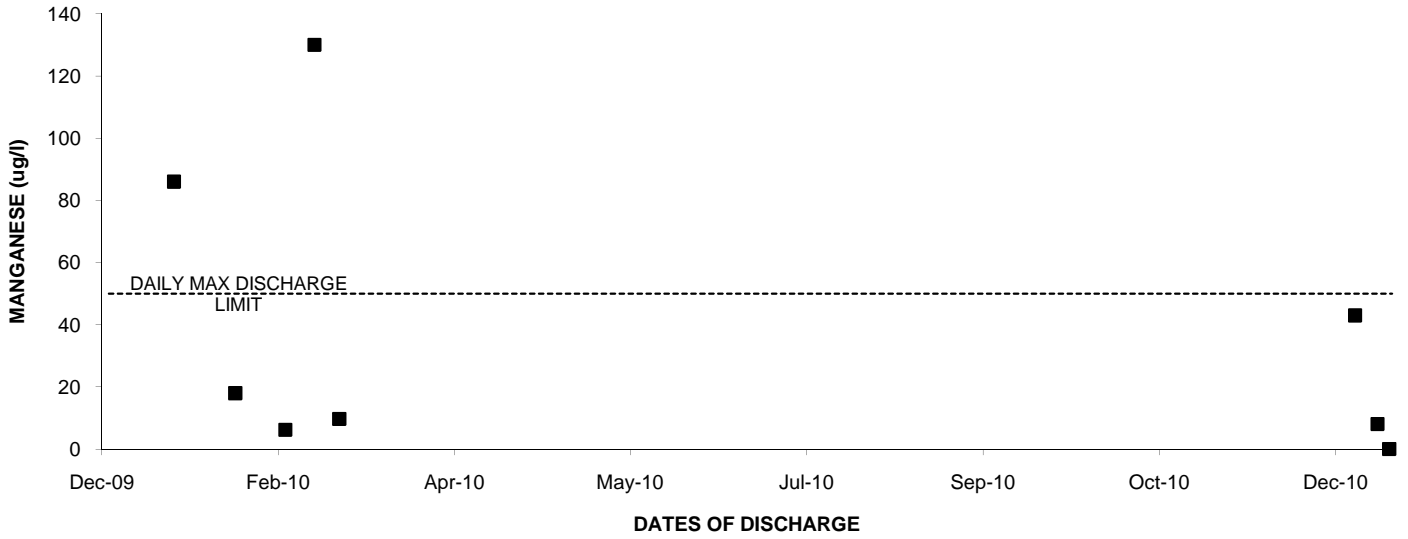




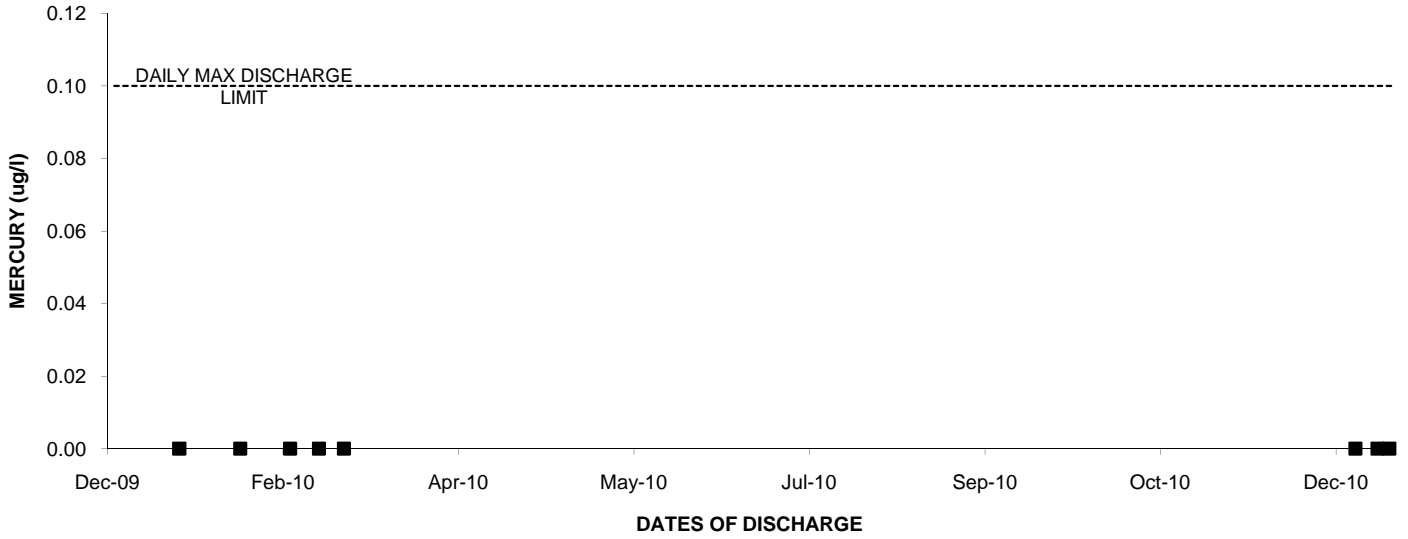
2010: Outfall 002 LEAD



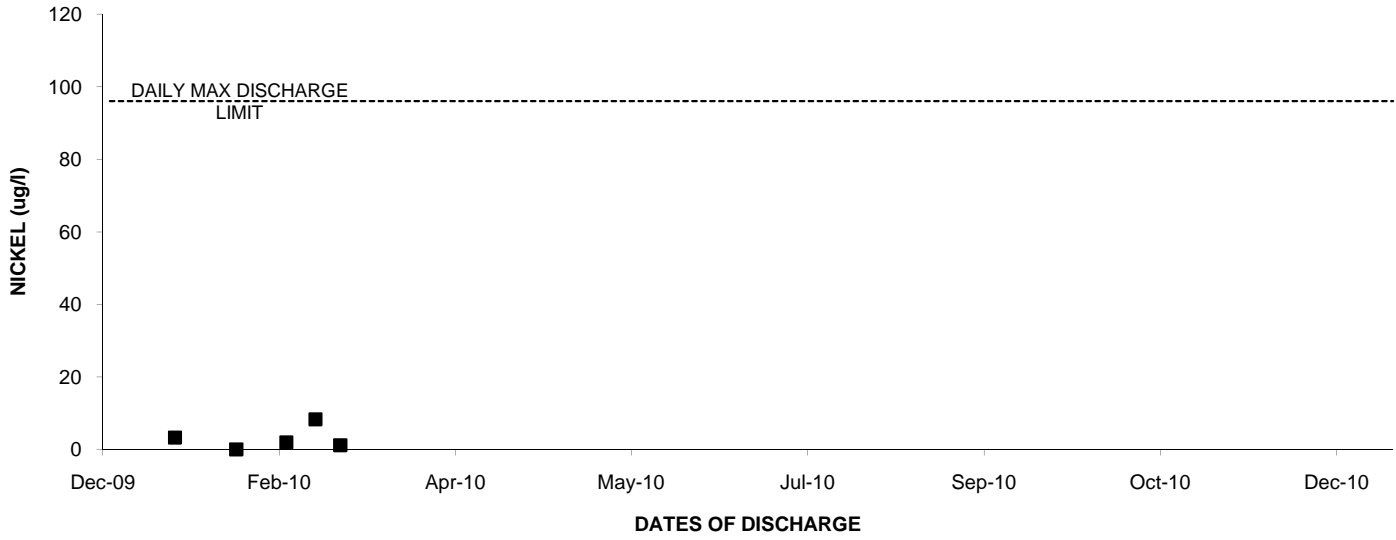
2010: Outfall 002 MANGANESE



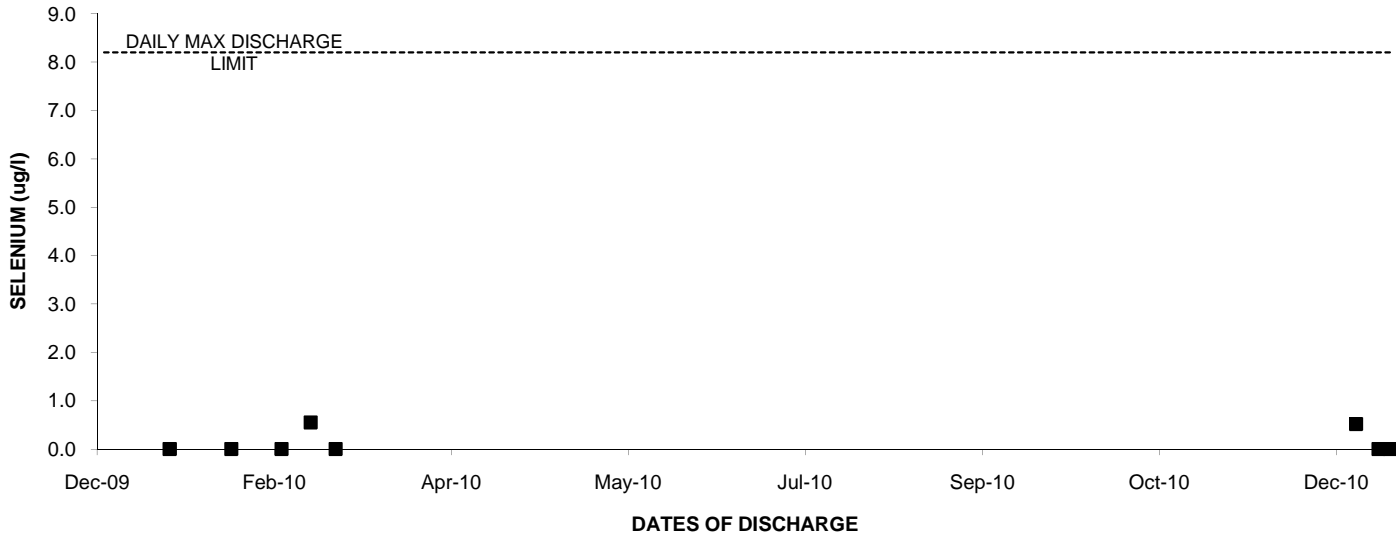
2010: Outfall 002 MERCURY



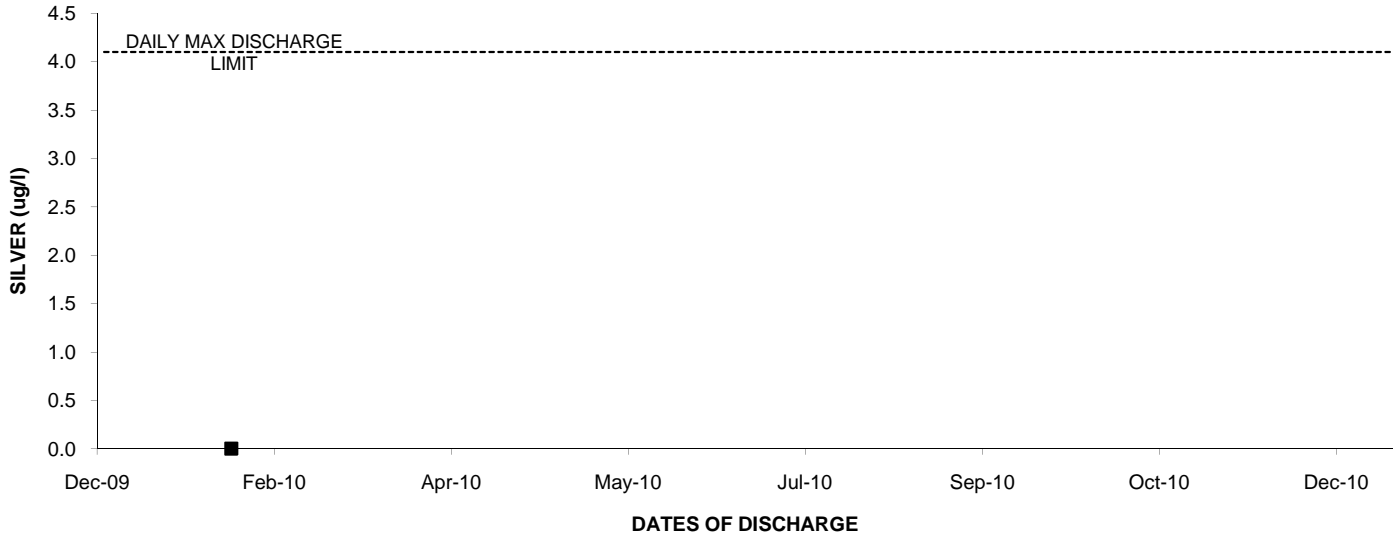
### 2010: Outfall 002 NICKEL



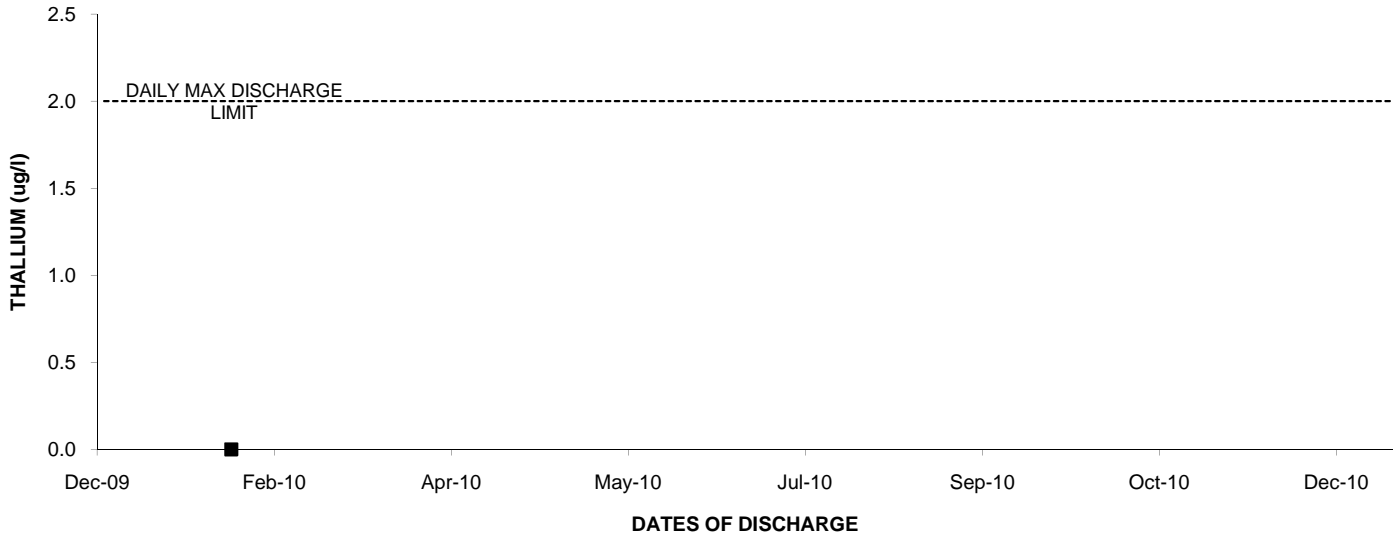
### 2010: Outfall 002 SELENIUM



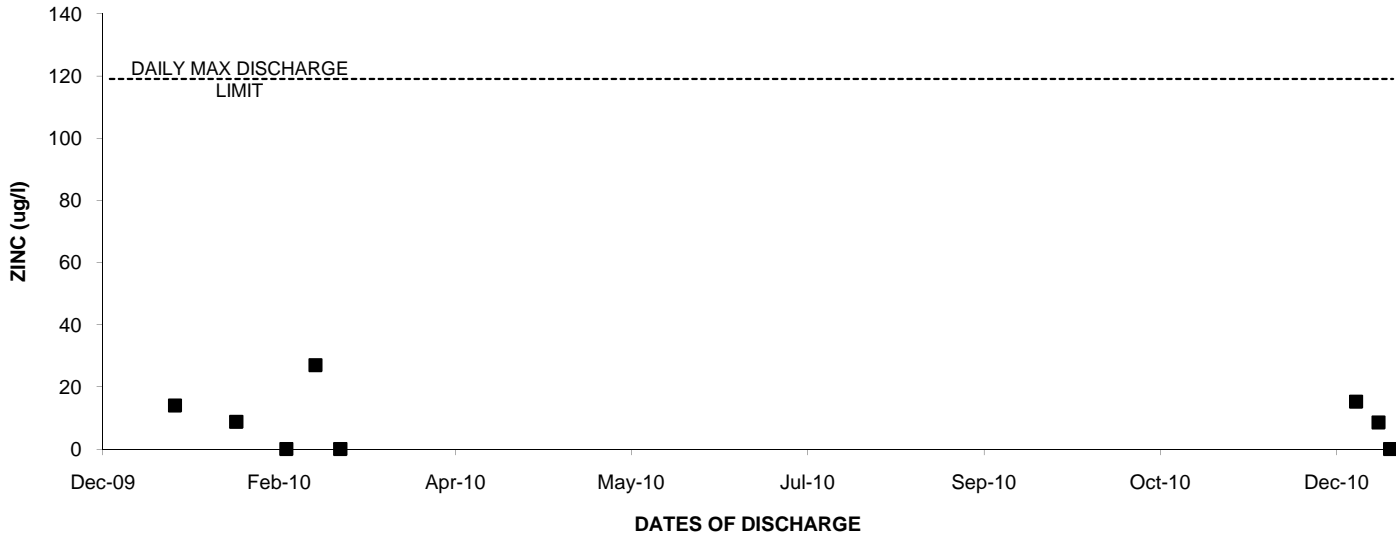
### 2010: Outfall 002 SILVER



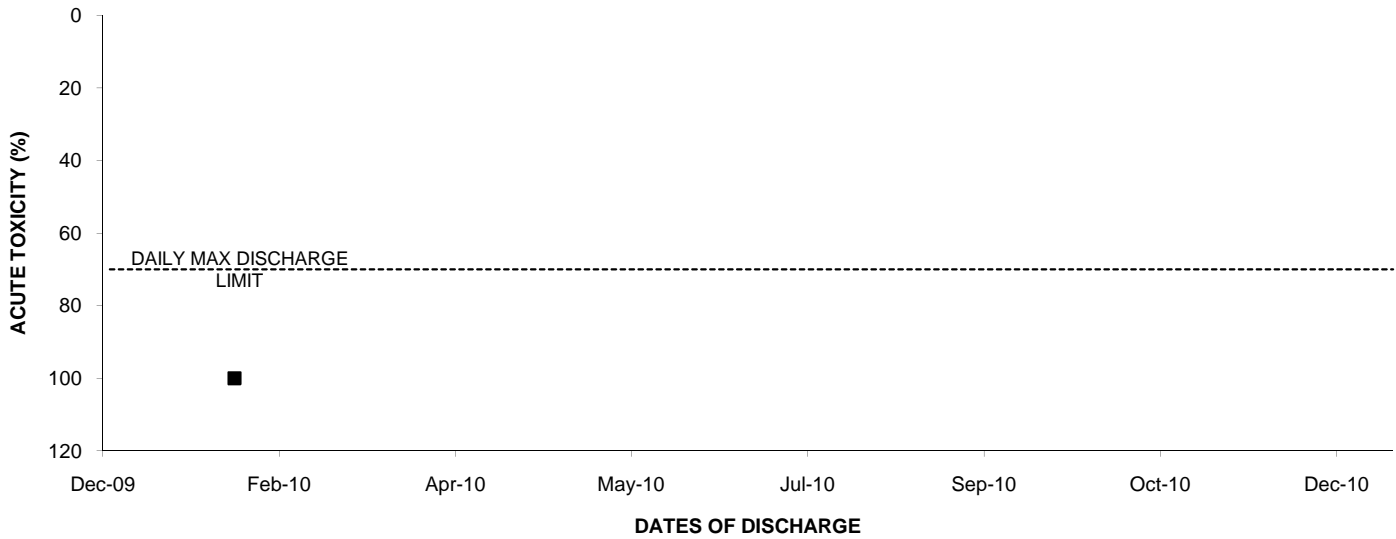
### 2010: Outfall 002 THALLIUM



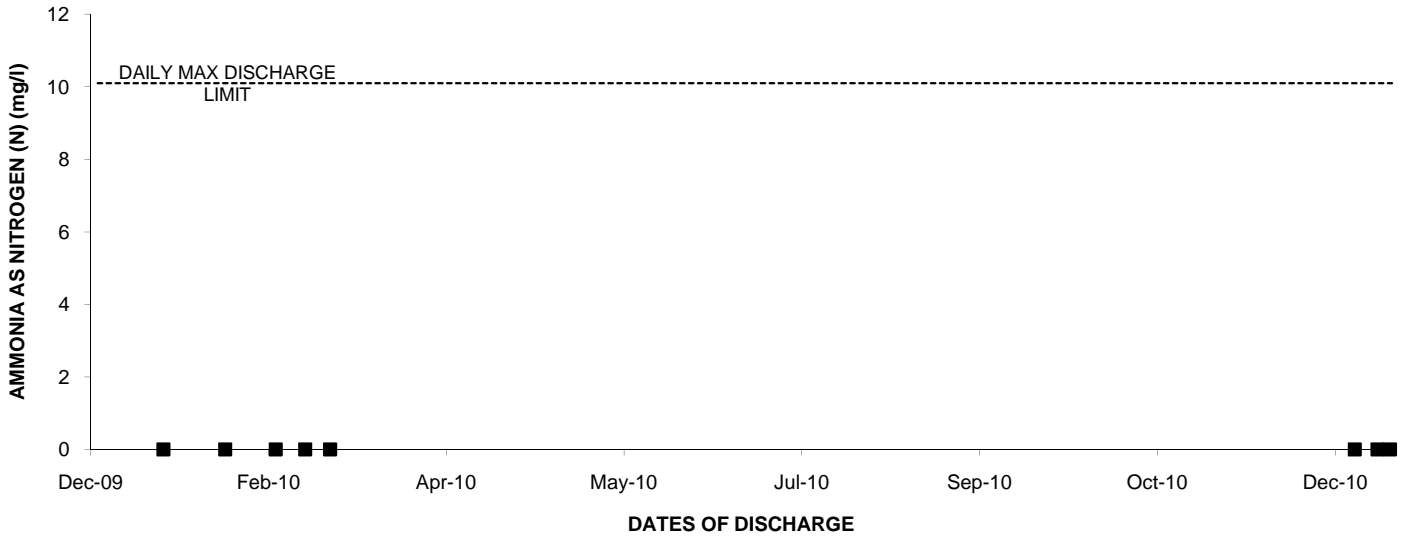
### 2010: Outfall 002 ZINC



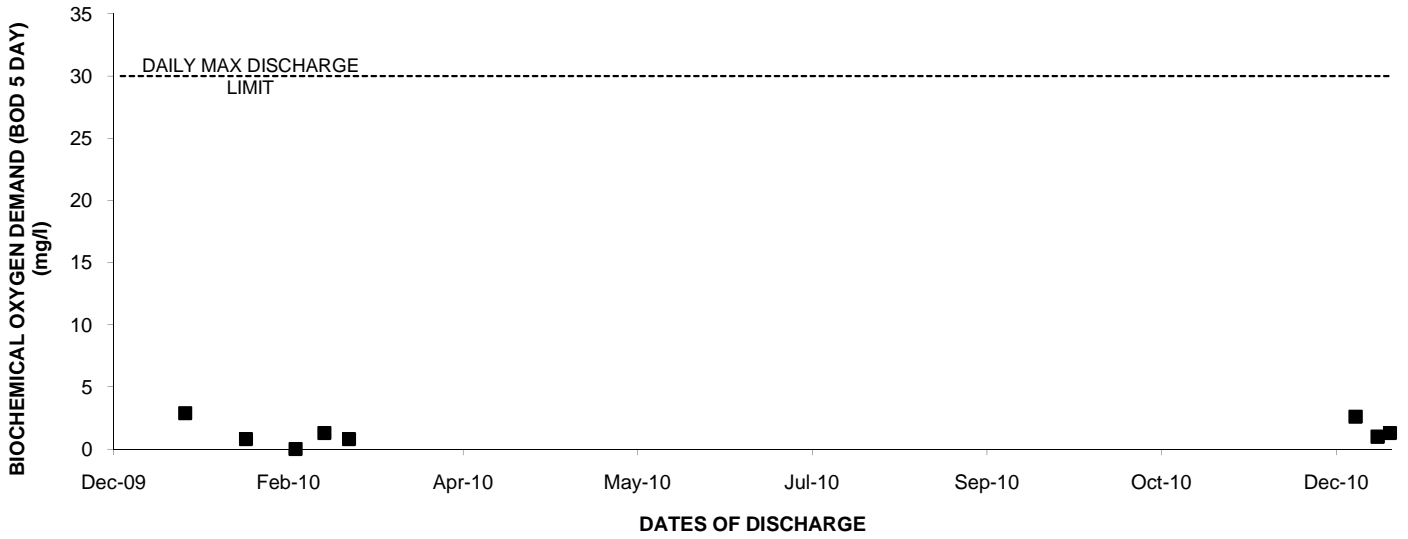
### 2010: Outfall 002 ACUTE TOXICITY



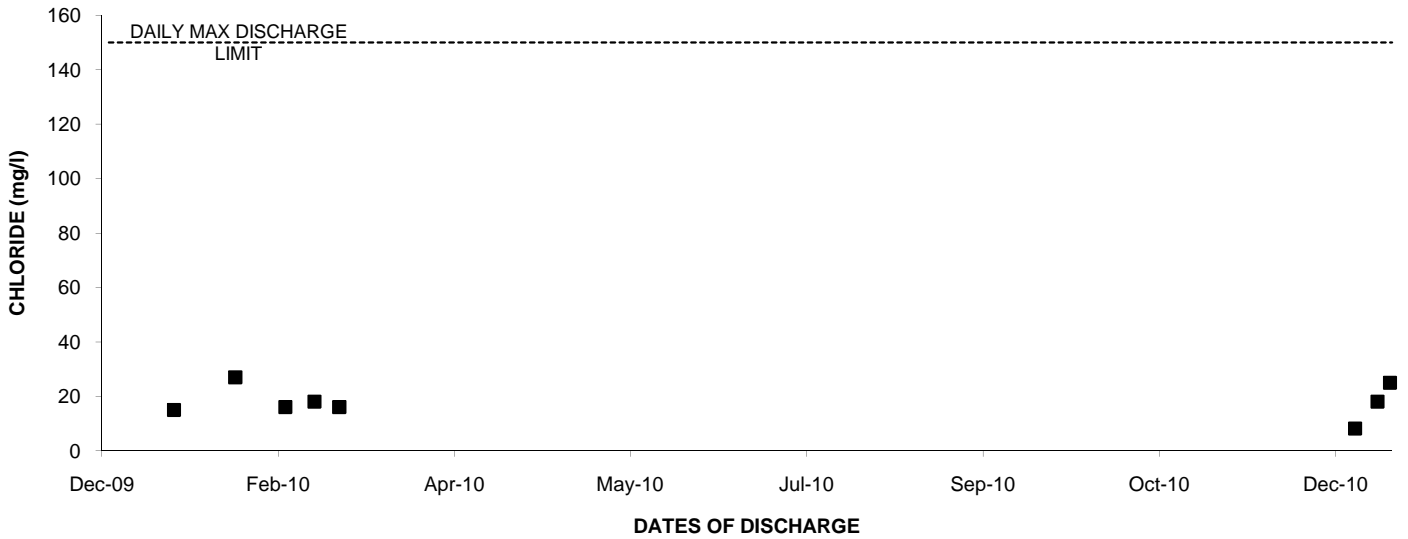
### 2010: Outfall 002 AMMONIA AS NITROGEN (N)



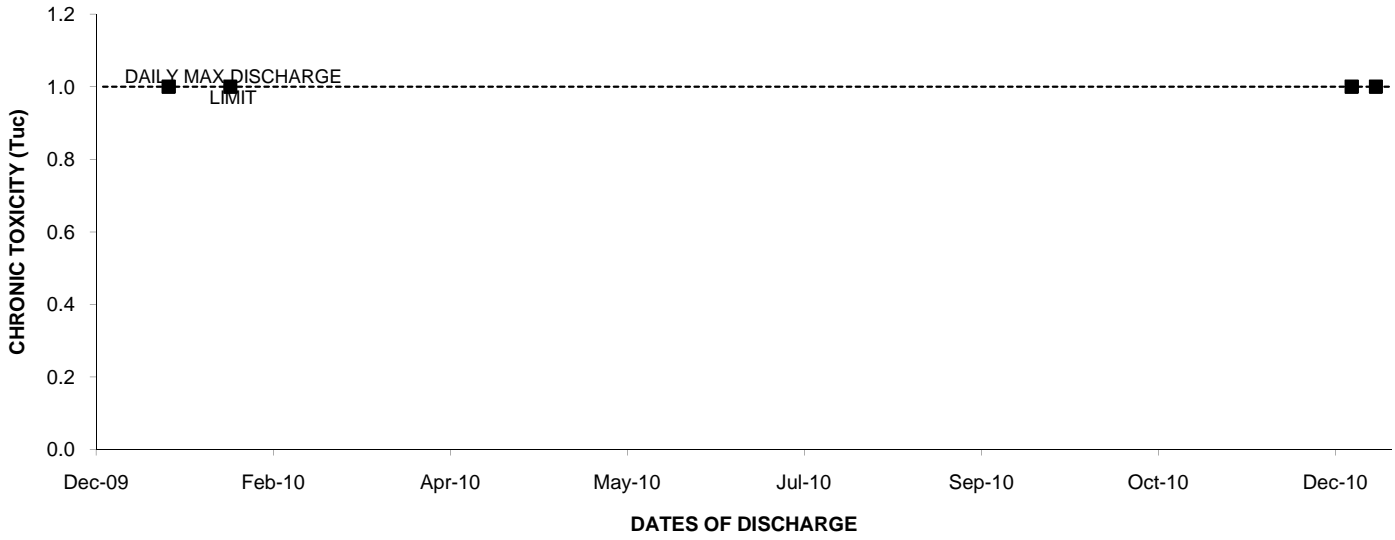
### 2010: Outfall 002 BIOCHEMICAL OXYGEN DEMAND (BOD 5 DAY)



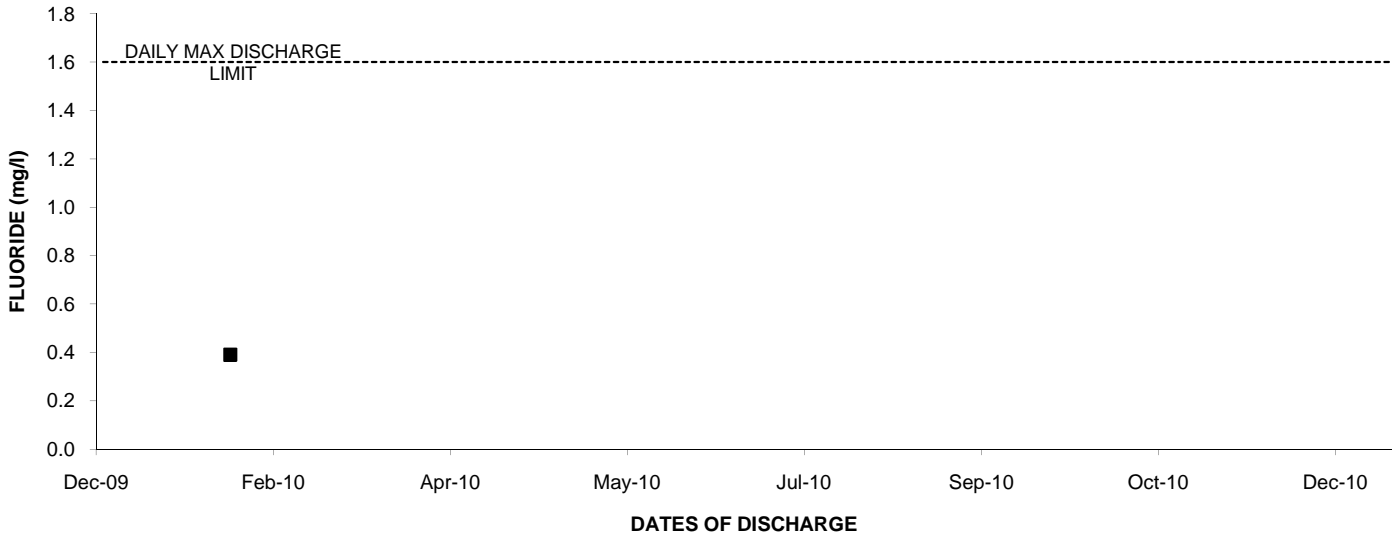
### 2010: Outfall 002 CHLORIDE



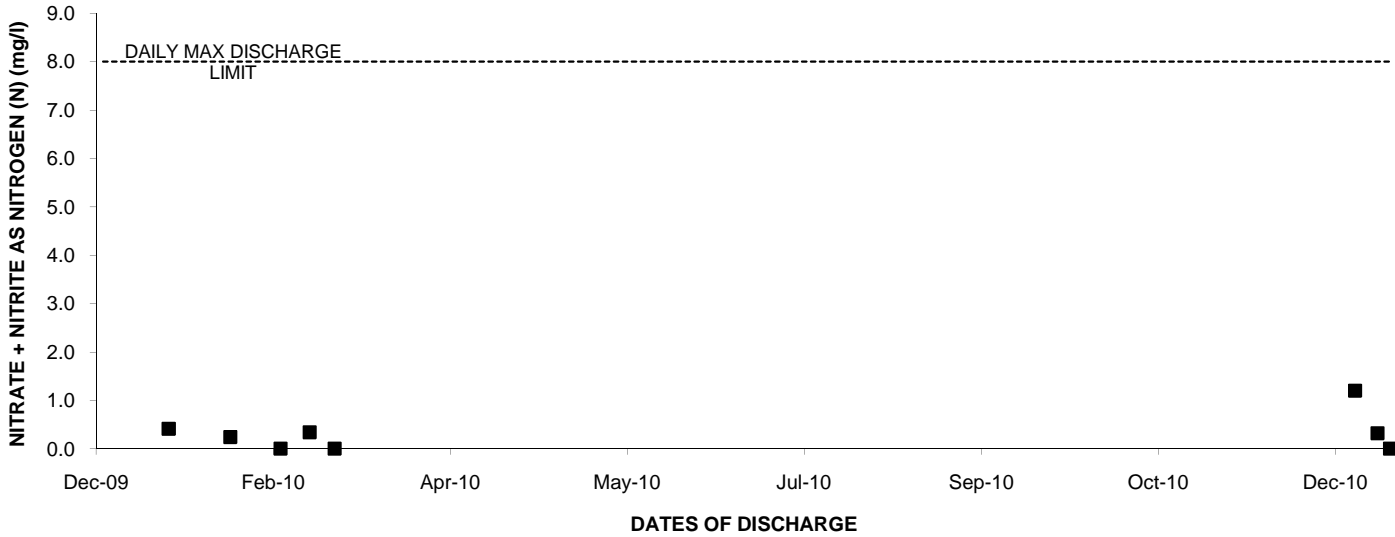
### 2010: Outfall 002 CHRONIC TOXICITY



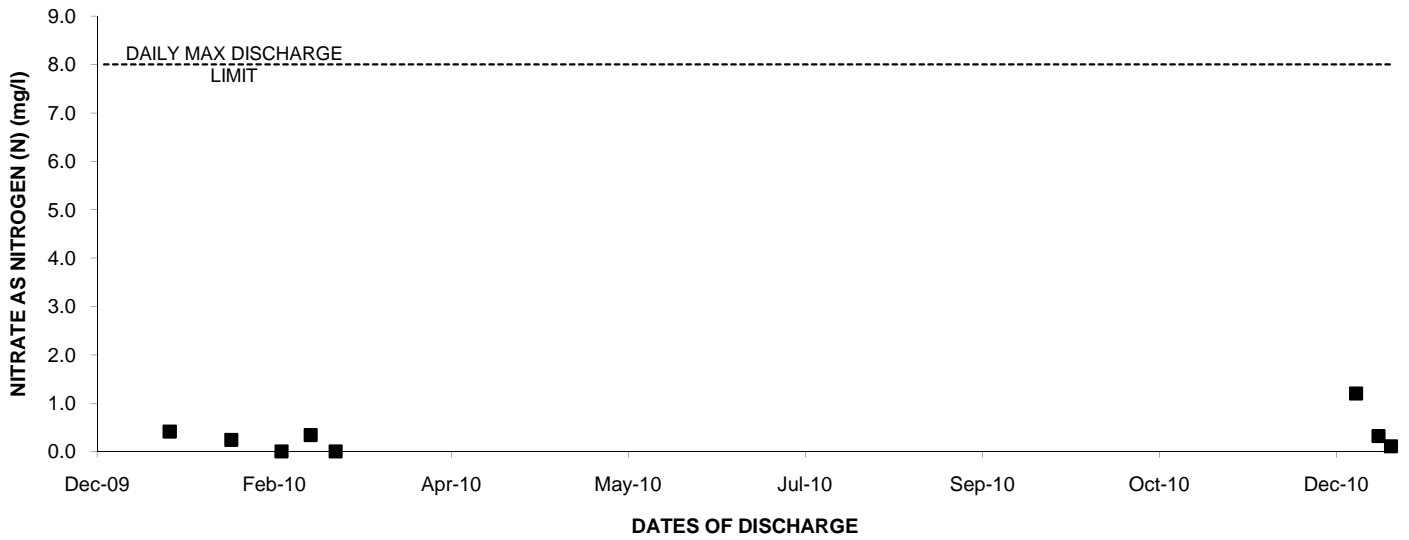
### 2010: Outfall 002 FLUORIDE



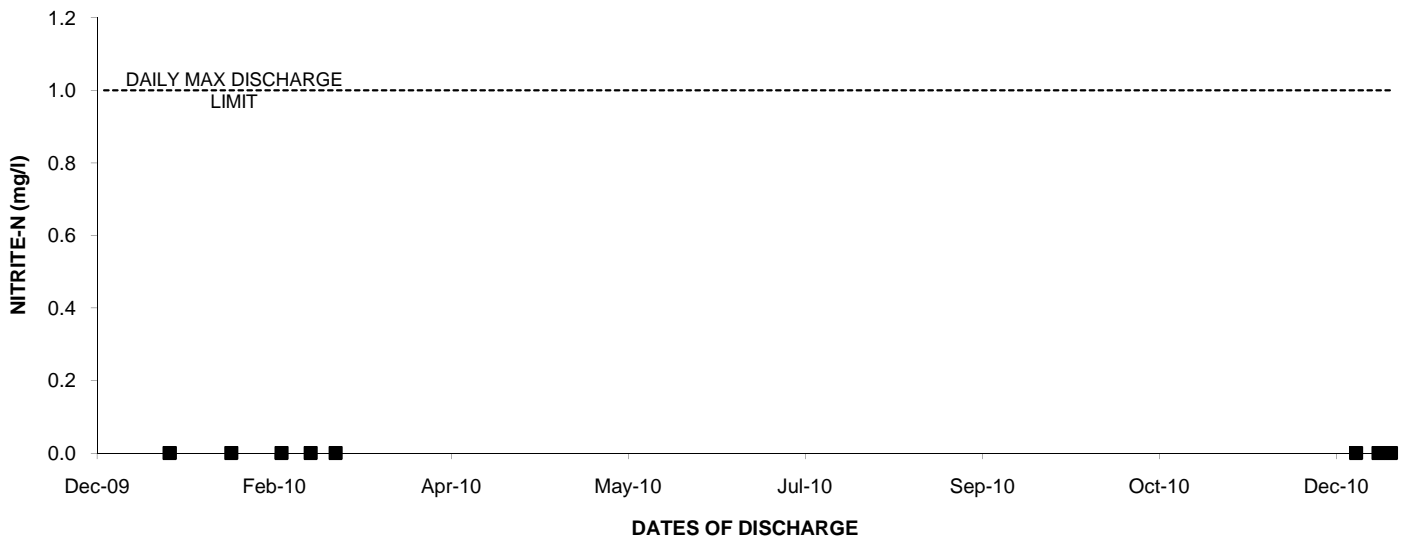
### 2010: Outfall 002 NITRATE + NITRITE AS NITROGEN (N)



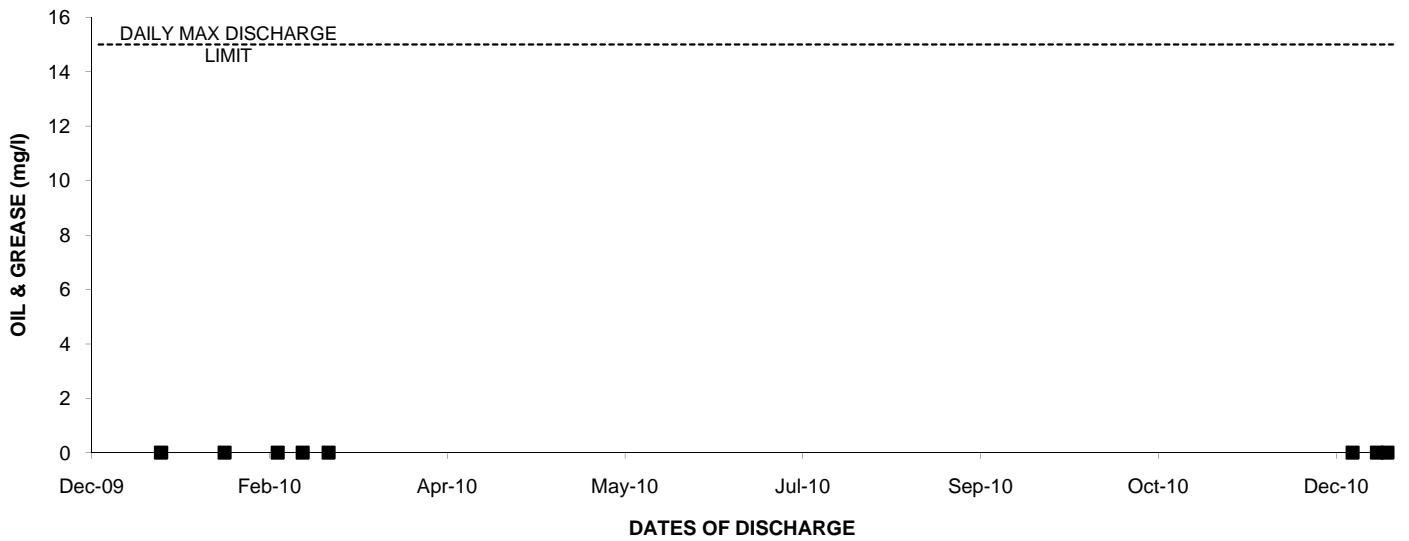
2010: Outfall 002 NITRATE AS NITROGEN (N)



2010: Outfall 002 NITRITE-N

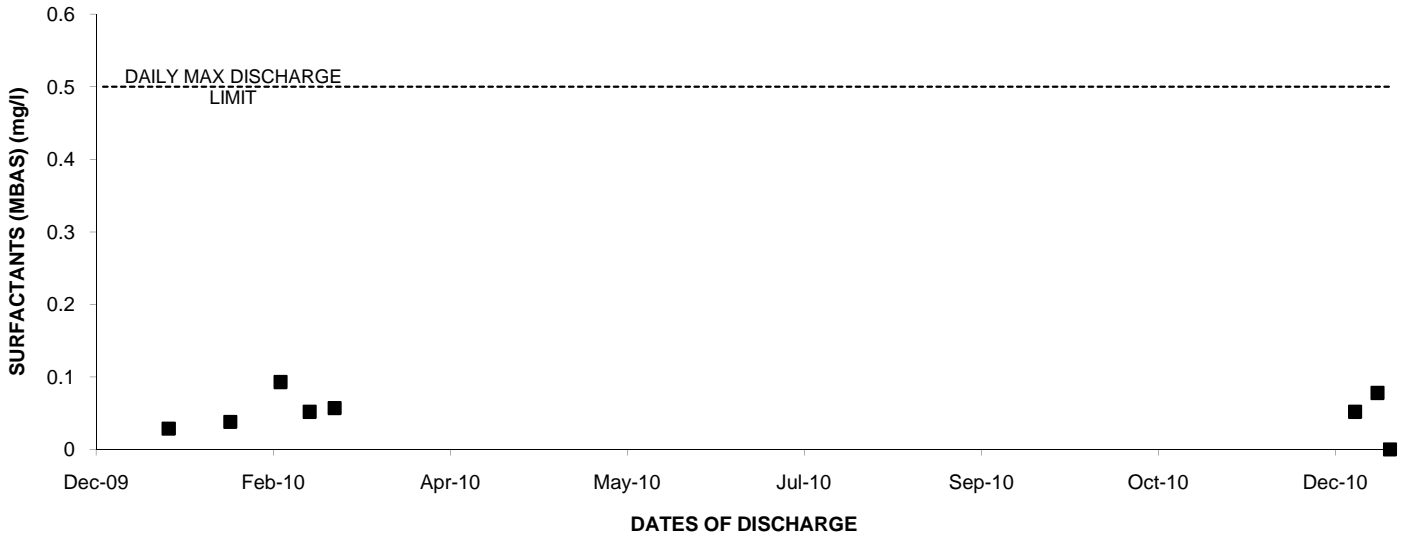


2010: Outfall 002 OIL & GREASE

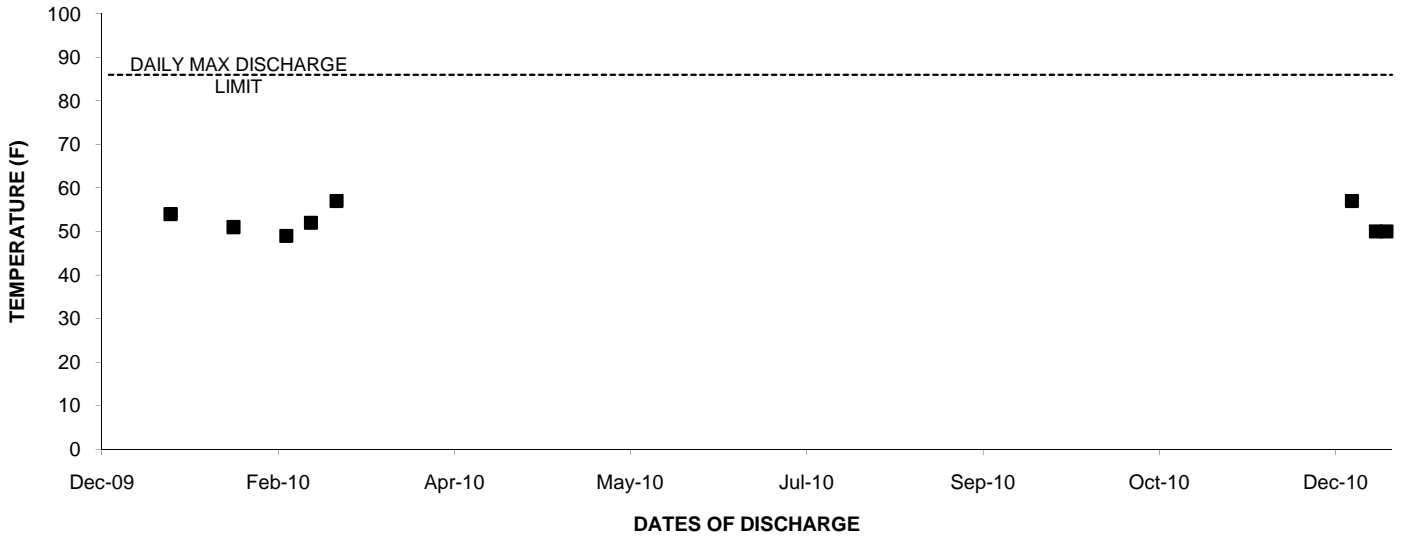




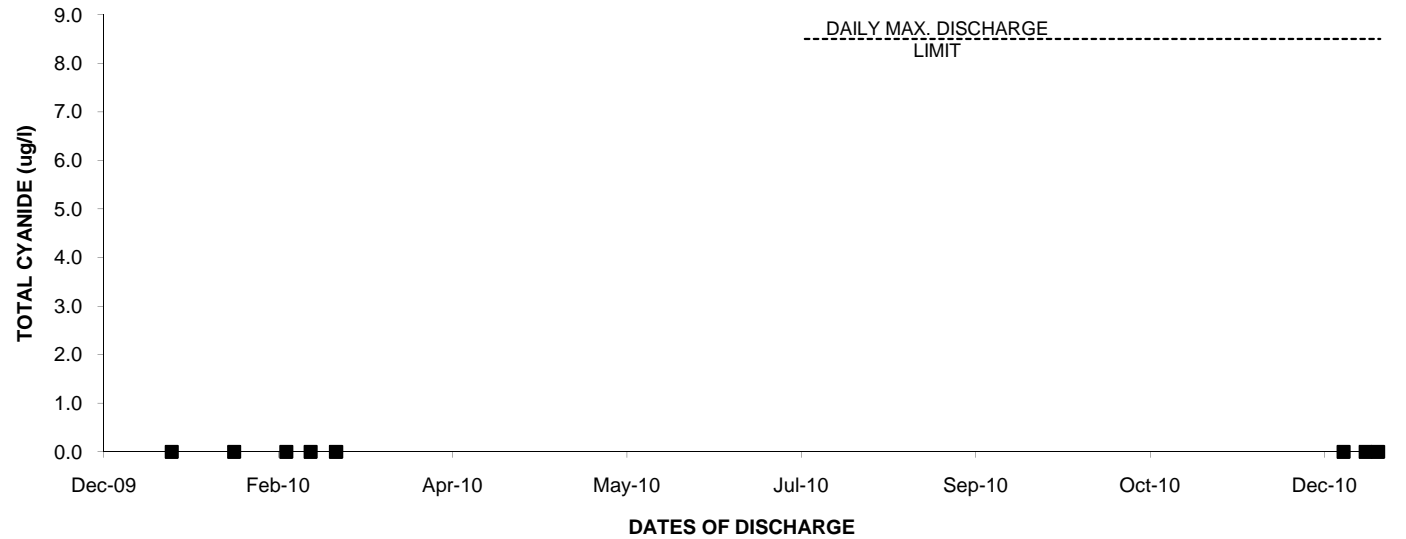
### 2010: Outfall 002 SURFACTANTS (MBAS)



### 2010: Outfall 002 TEMPERATURE

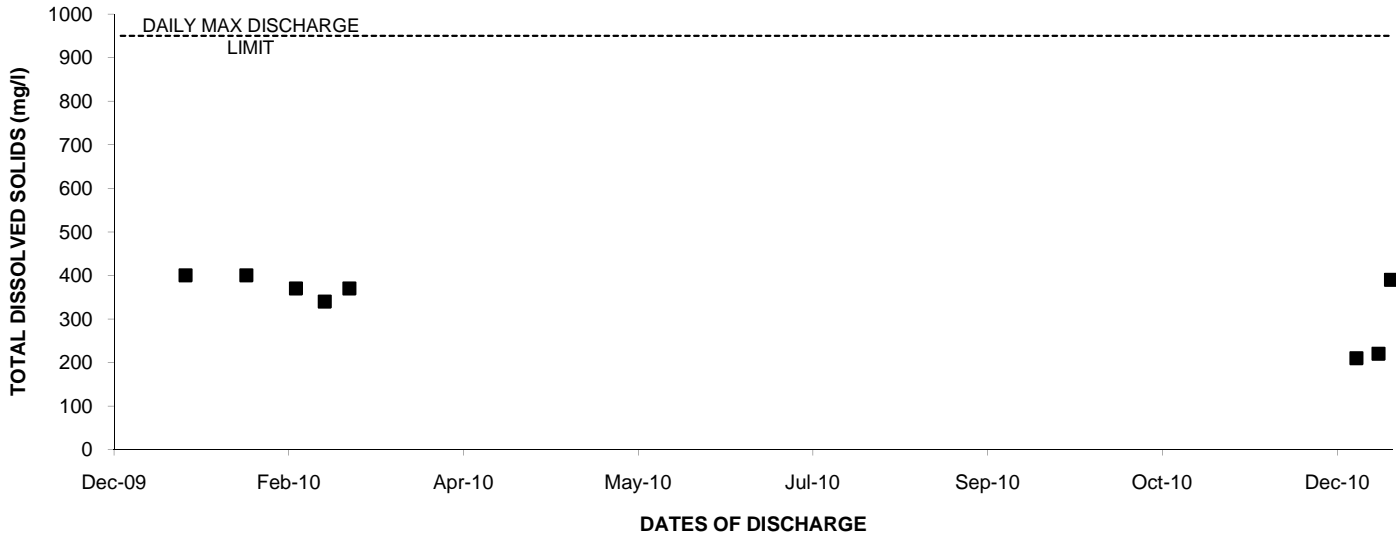


### 2010: Outfall 002 TOTAL CYANIDE

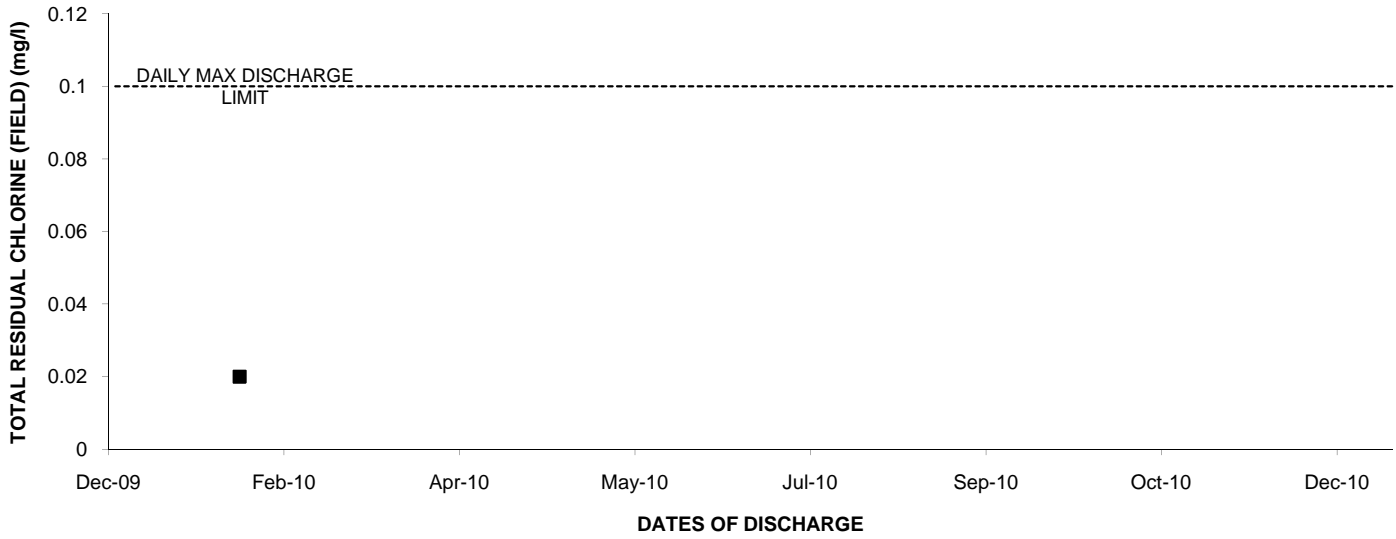




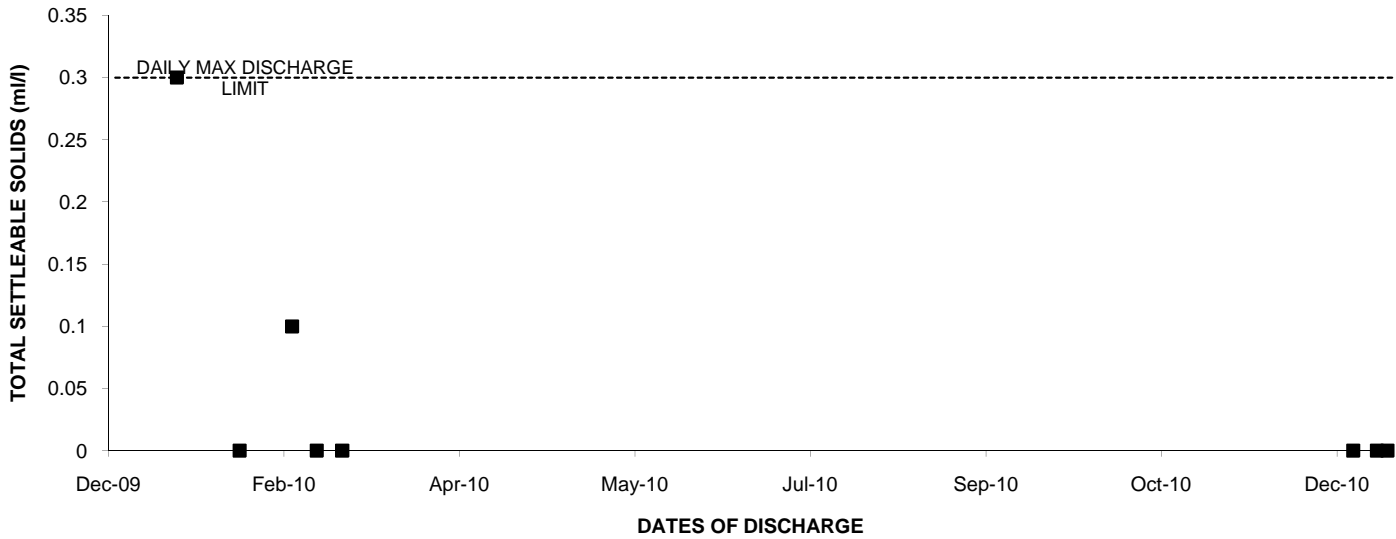
### 2010: Outfall 002 TOTAL DISSOLVED SOLIDS



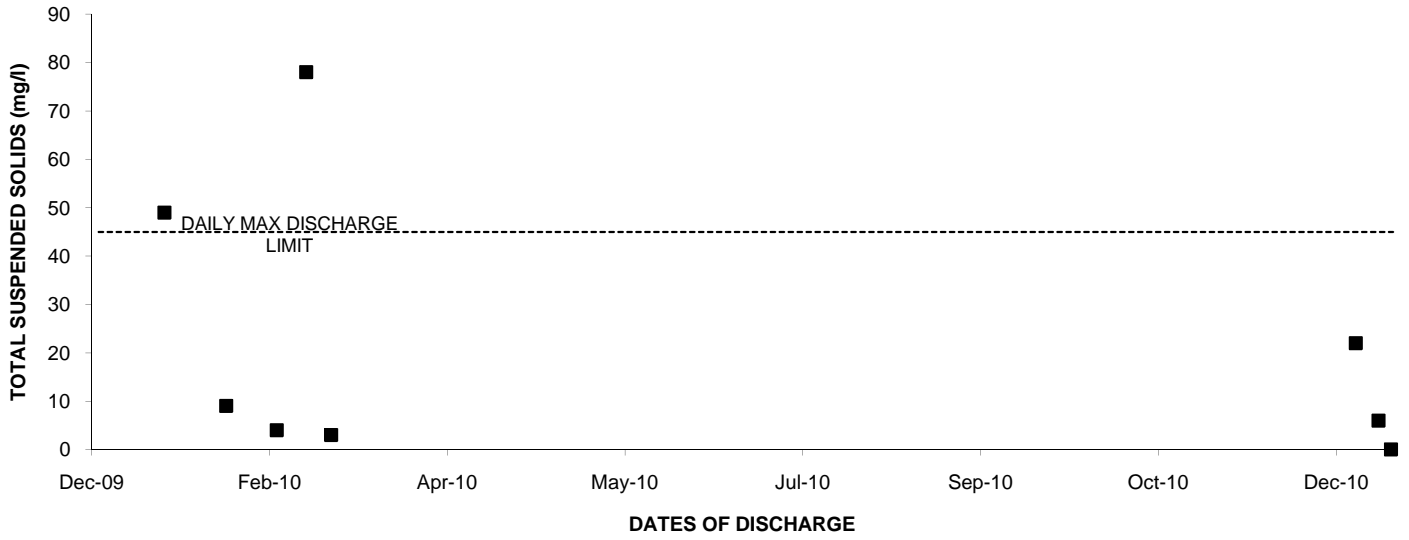
### 2010: Outfall 002 TOTAL RESIDUAL CHLORINE (FIELD)



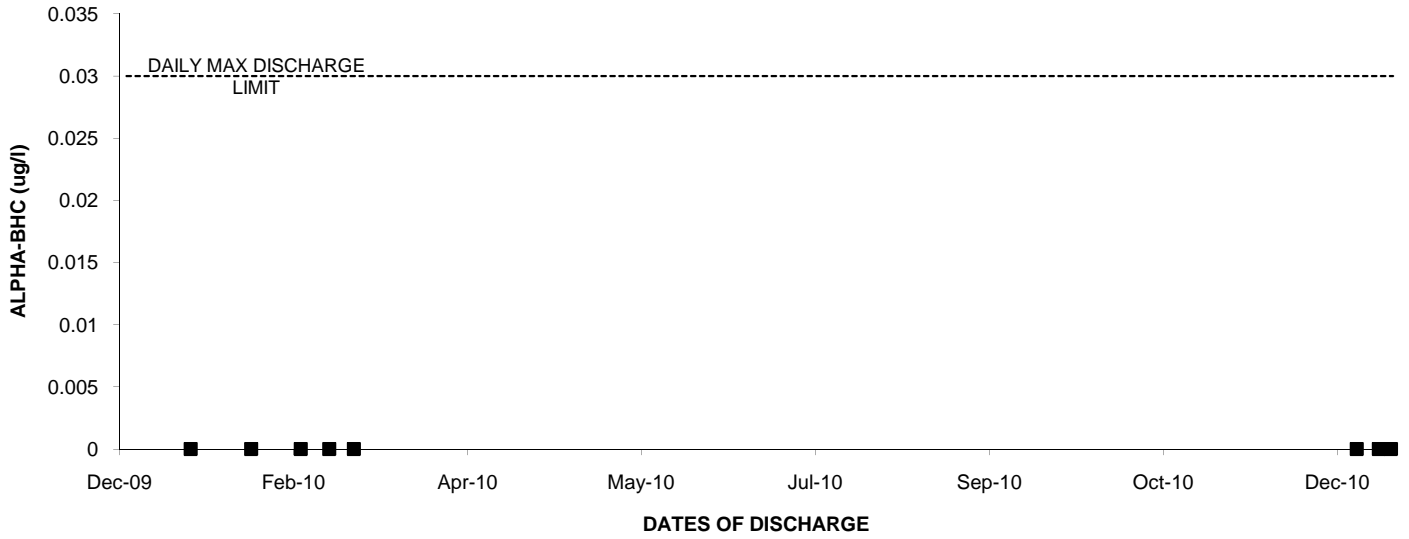
### 2010: Outfall 002 TOTAL SETTLEABLE SOLIDS



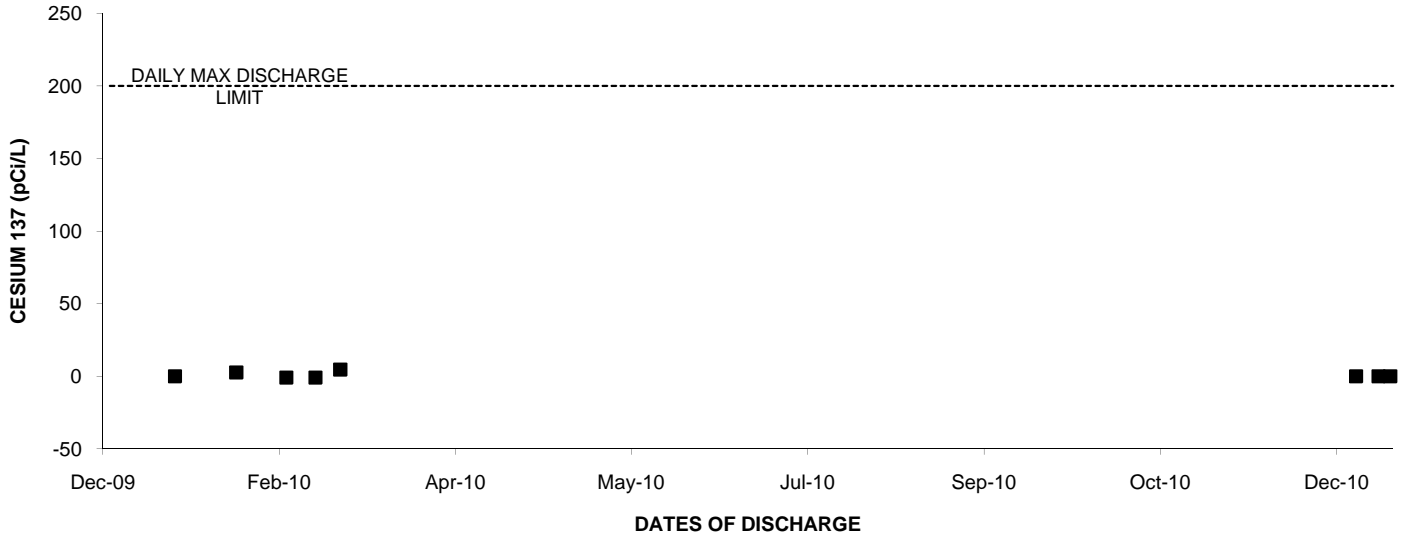
### 2010: Outfall 002 TOTAL SUSPENDED SOLIDS



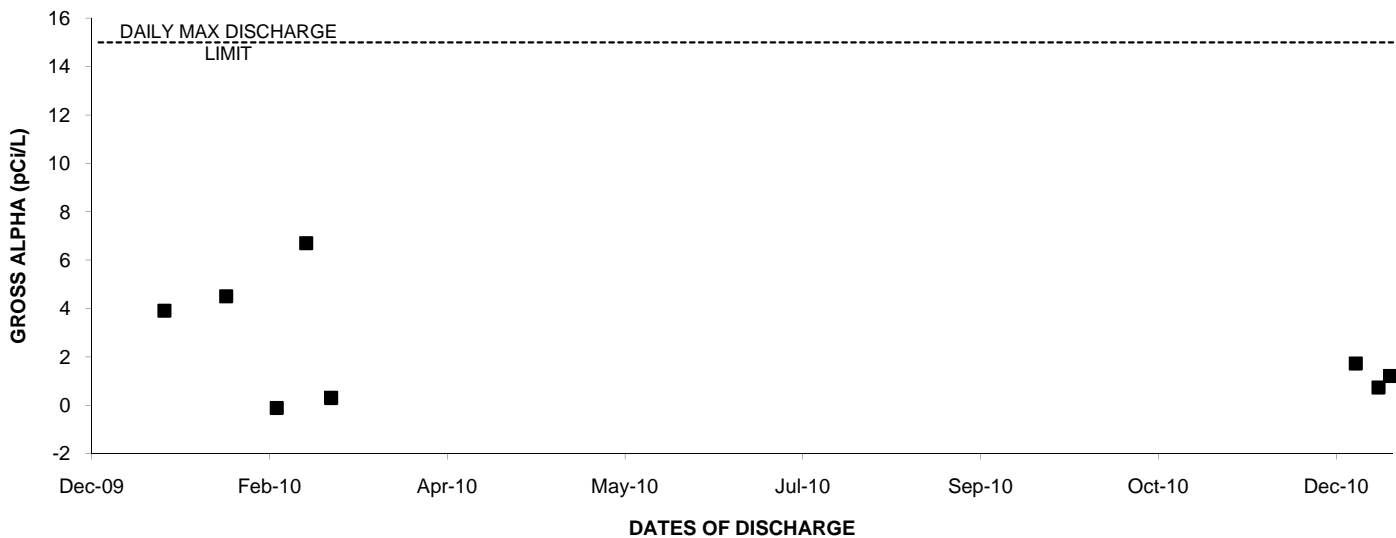
### 2010: Outfall 002 ALPHA-BHC



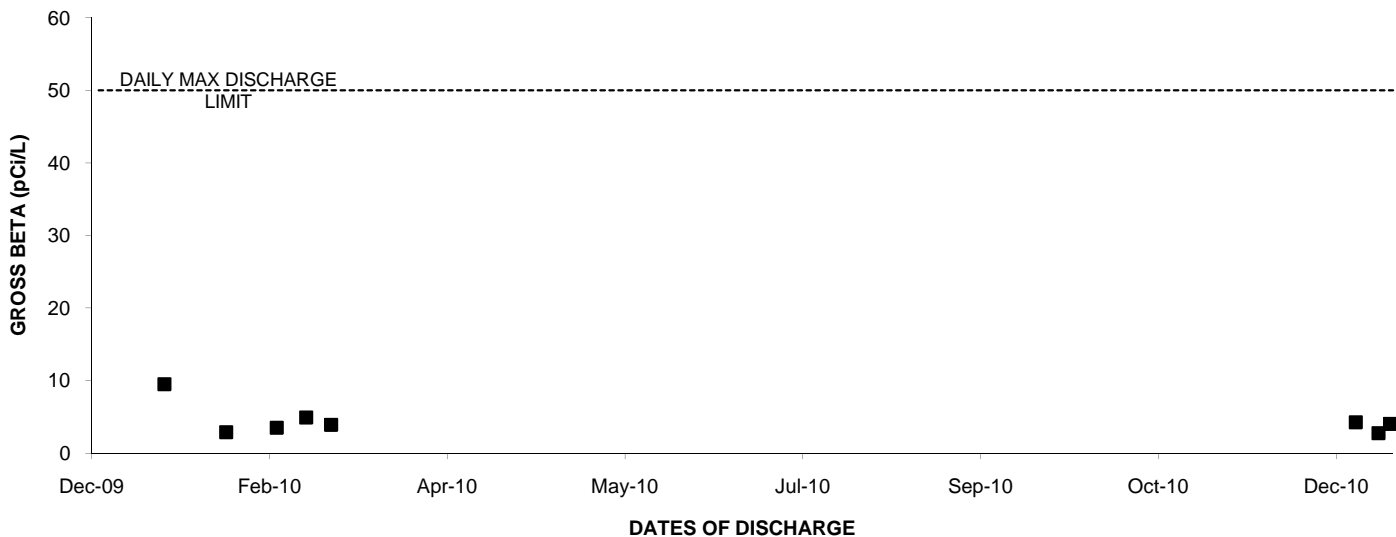
### 2010: Outfall 002 CESIUM 137



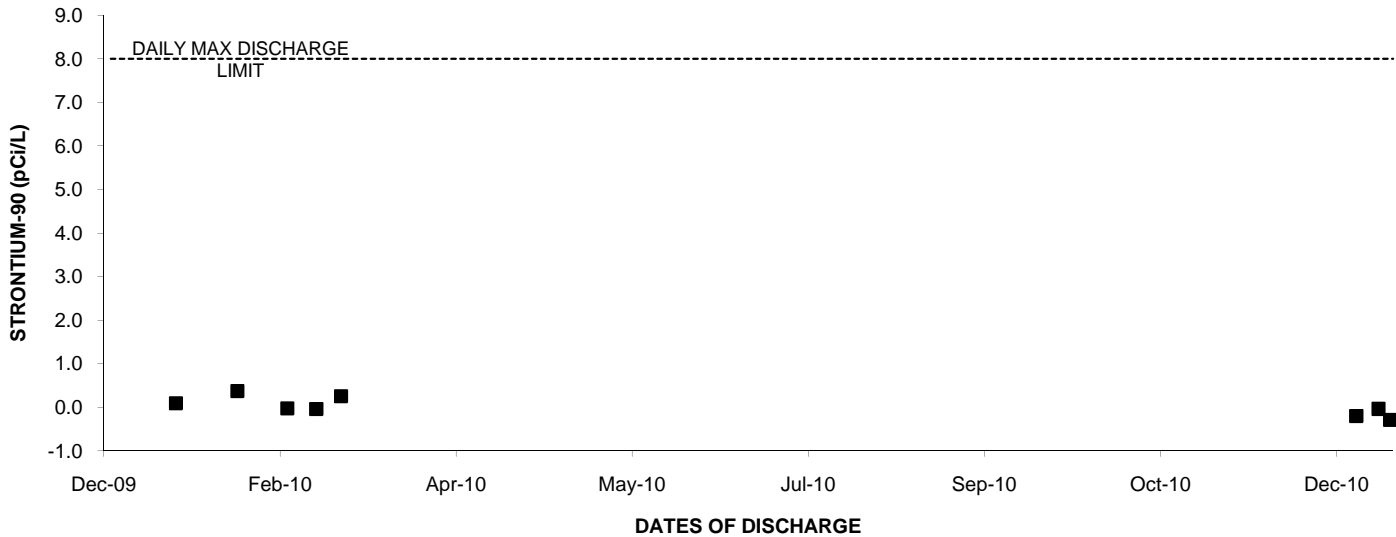
### 2010: Outfall 002 GROSS ALPHA



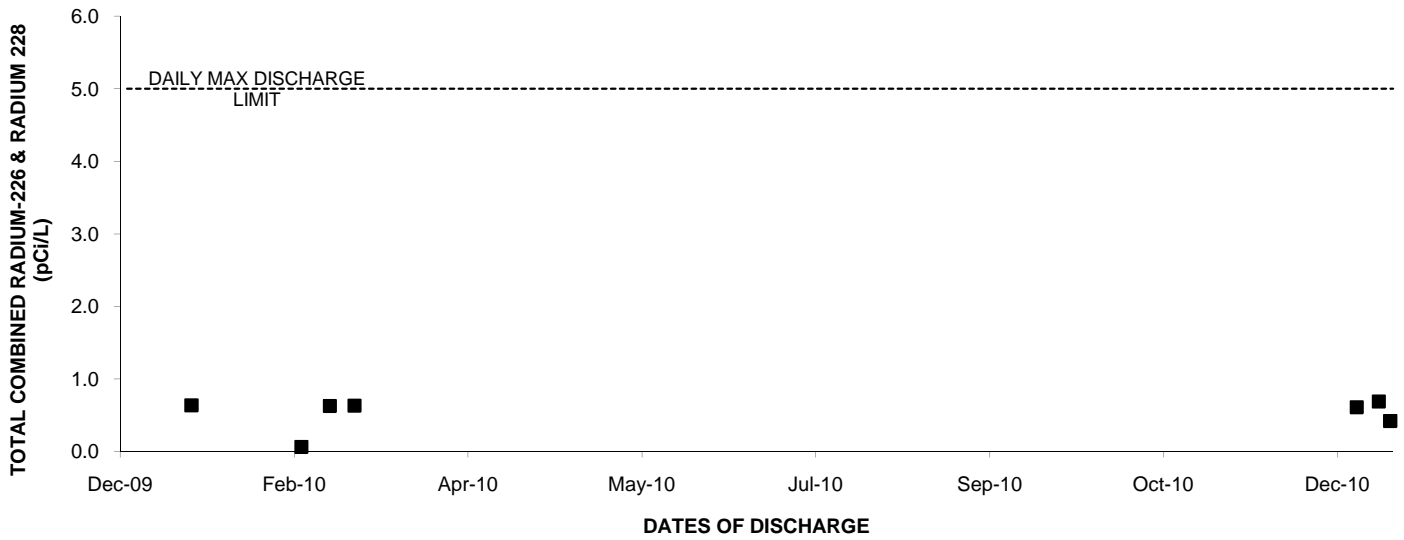
### 2010: Outfall 002 GROSS BETA



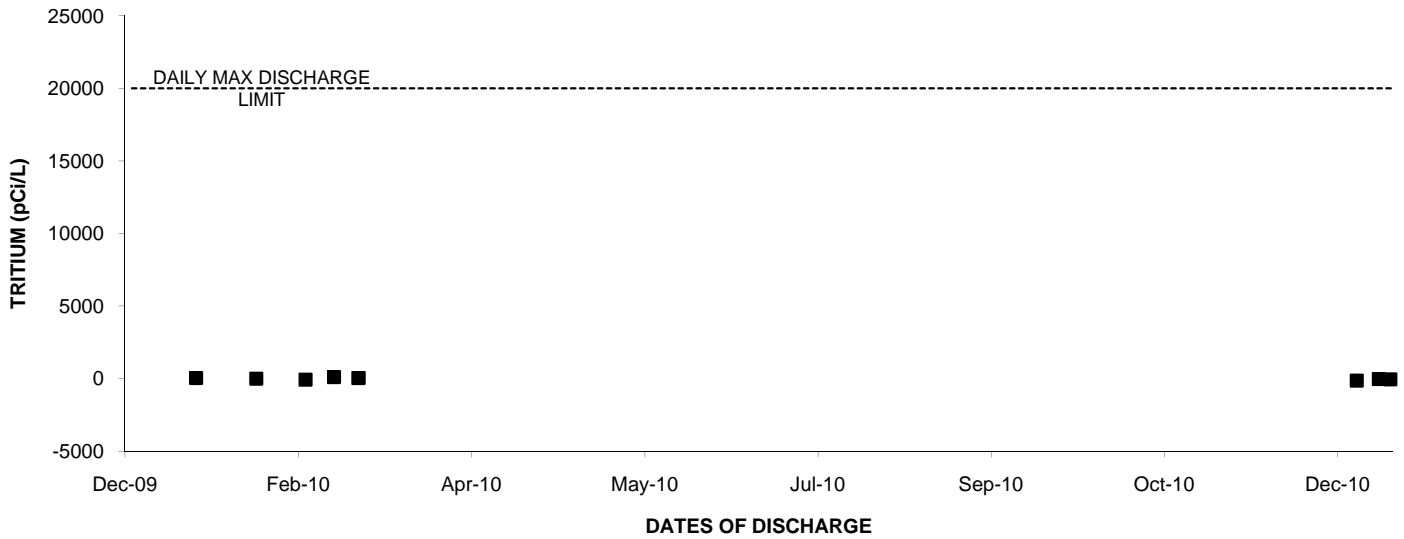
### 2010: Outfall 002 STRONTIUM-90



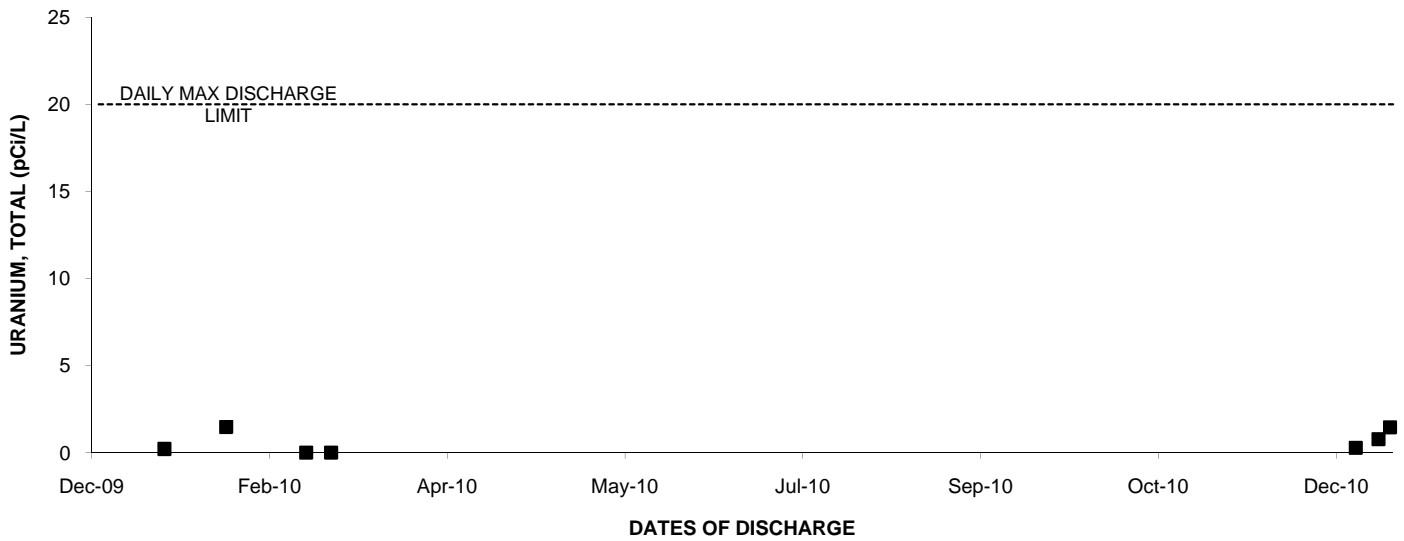
### 2010: Outfall 002 TOTAL COMBINED RADIUM-226 & RADIUM 228



### 2010: Outfall 002 TRITIUM



### 2010: Outfall 002 URANIUM, TOTAL









### 2010: Outfall 002 TCDD

