

SECTION 1

OUTFALL 001 (SOUTH SLOPE BELOW PERIMETER POND)
ANNUAL 2010 REPORTING SUMMARY

THIS PAGE LEFT INTENTIONALLY BLANK

OUTFALL 001 (South Slope below Perimeter 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			2/6/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	Grab	ND < 0.50	*	Comp	0.56	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	Grab	3.8	*	Comp	2.2	*
Chloride	mg/L	150/-	Grab	1.6	*	Comp	4.6	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	55	--	Grab	130	--
Surfactants (MBAS)	mg/L	0.5/-	Grab	ND < 0.025	M2*	Comp	ND < 0.025	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	Comp	0.22	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Grab	0.59	*	Comp	0.40	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	Grab	0.59	*	Comp	0.40	*
Nitrite-N	mg/L	1.0/-	Grab	ND < 0.090	*	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/10	Grab	ND < 1.3	*	Grab	ND < 1.4	*
Perchlorate	ug/L	6.0/-	Grab	ND < 0.90	*	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.5	*	Grab	6.6	*
Total Settleable Solids	ml/L	0.3/0.1	Grab	ND < 0.10	*	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Grab	3.8	*	Comp	8.8	*
Temperature	deg. F	86/-	Grab	55	*	Grab	53	*
Total Cyanide	ug/L	8.5/4.3	Grab	ND < 2.2	*	Grab	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Grab	170	*	Comp	150	*
Hardness	mg/L	-/-	ANR	ANR	ANR	Comp	54	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	41	--
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR	Comp	12	--
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR	Grab	0.01	*
Total Suspended Solids	mg/L	45/15	Grab	450	--	Comp	170	--
Turbidity	NTU	-/-	Grab	650	--	Comp	160	--
Volume Discharged	MGD	160/-	Meas	0.024545	*	Meas	0.609285	*
METALS								
Antimony	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.60	U
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.30	U
Arsenic	ug/L	10/-	ANR	ANR	ANR	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.0	U
Barium	mg/L	1.0/-	ANR	ANR	ANR	Comp	0.076	--
Barium, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	0.015	--
Beryllium	ug/L	4.0/-	ANR	ANR	ANR	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.90	U
Boron	mg/L	-/-	ANR	ANR	ANR	Comp	0.042	J (DNQ)
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.070	U (B)
Cadmium	ug/L	3.1/2.0	Grab	ND < 0.50	U	Comp	ND < 0.20	U
Cadmium, dissolved	ug/L	-/-	Grab	ND < 0.10	U	Comp	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR	ANR	Comp	13	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	11	--
Chromium	ug/L	16.3/8.1	ANR	ANR	ANR	Comp	11	--
Chromium VI	ug/L	16.3/8.1	ANR	ANR	ANR	Grab	ND < 0.25	*
Cobalt	ug/L	-/-	ANR	ANR	ANR	Comp	2.5	J (DNQ)
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Copper	ug/L	14.0/7.1	Grab	12	J (*III)	Comp	14.3	J (*III)
Copper, dissolved	ug/L	-/-	Grab	2.5	J (*III)	Comp	2.3	J (*III)
Iron	mg/L	0.3/-	Grab	23	--	Comp	9.7	--
Iron, dissolved	mg/L	-/-	Grab	1.1	--	Comp	0.64	--
Lead	ug/L	5.2/2.6	Grab	13	--	Comp	6.4	--
Lead, dissolved	ug/L	-/-	Grab	0.51	J (DNQ)	Comp	ND < 0.20	U
Magnesium	mg/L	-/-	ANR	ANR	ANR	Comp	5.4	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	3.2	--
Manganese	ug/L	50/-	Grab	400	--	Comp	150	--
Manganese, dissolved	ug/L	-/-	Grab	16	J (DNQ)	Comp	ND < 7.0	U
Mercury	ug/L	0.10/0.05	Grab	ND < 0.10	U	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Grab	ND < 0.10	U	Comp	ND < 0.10	U
Nickel	ug/L	96/35	ANR	ANR	ANR	Comp	6.1	J (DNQ)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U

OUTFALL 001 (South Slope below Perimeter 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			2/6/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Selenium	ug/L	8.2/4.1	Grab	ND < 2.5	U	Comp	1.3	J (DNQ)
Selenium, dissolved	ug/L	-/-	Grab	ND < 0.50	U	Comp	ND < 0.50	U
Silver	ug/L	4.1/2.0	ANR	ANR	ANR	Comp	ND < 0.20	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.10	U
Thallium	ug/L	2.0/-	ANR	ANR	ANR	Comp	ND < 0.40	U
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	ANR	Comp	20	--
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.0	U
Zinc	ug/L	119/54	Grab	76	J (*III)	Comp	34	--
Zinc, dissolved	ug/L	-/-	Grab	ND < 6.0	UJ (*III)	Comp	10	J (DNQ)
ORGANICS								
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-Dichloroethene	ug/L	6.0/3.2	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	M2*	Grab	ND < 0.40	*
TPH								
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR	Grab	ND < 0.047	*
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR	Grab	0.025	J (DNQ)
ADDITIONAL ANALYTES								
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	U
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	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	*
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	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	13.0/6.5	Grab	ND < 0.095	*	Comp	ND < 0.094	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.28	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.85	UJ (C)
2,4-Dinitrotoluene	ug/L	18.3/9.1	Grab	ND < 0.19	*	Comp	ND < 0.19	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	UJ (C)
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.7	U

OUTFALL 001 (South Slope below Perimeter 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			2/6/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	C*
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	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	--
Aldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0014	*
alpha-BHC	ug/L	0.03/0.01	Grab	ND < 0.0024	*	Comp	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.28	U
Anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	U
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	UJ (C)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	UJ (C)
beta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Grab	ND < 1.6	*	Comp	ND < 1.6	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	U
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/-	Grab	1.0	*	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	U
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	0.13	J (DNQ)
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U

OUTFALL 001 (South Slope below Perimeter 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			2/6/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	UJ (C)
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	U
Fluorene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	UJ (C)
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	UJ (C)
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U
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	U
Isophorone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	*
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	U
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.857	U
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
n-Nitrosodimethylamine	ug/L	16.3/8.1	Grab	ND < 0.095	*	Comp	ND < 0.094	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	UJ (C)
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
p-Cresol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.19	U
Pentachlorophenol	ug/L	16.5/8.2	Grab	ND < 0.095	*	Comp	ND < 0.094	UJ (C)
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
Phenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.28	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.47	U
Pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.094	U
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	*

OUTFALL 001 (South Slope below Perimeter 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		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	3.2	*
Chloride	mg/L	150/-	Comp	3.8	*
Dissolved Oxygen	mg	-/-	Grab	0.35	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	65	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	ND < 0.050	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.93	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.93	*
Nitrite-N	mg/L	1/-	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	7.6	*
Total Settleable Solids	ml/L	0.3/-	Grab	0.20	*
Sulfate	mg/L	300/-	Comp	5.7	*
Temperature	deg. F	86/-	Grab	51	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	150	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	52	--
Turbidity	NTU	-/-	Comp	160	--
Volume Discharged	MGD	160/-	NA	0.06296	*
METALS					
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	0.25	Ja* (DNQ)
Cadmium, dissolved	ug/L	-/-	Comp	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	7.2	*
Copper, dissolved	ug/L	-/-	Comp	3.4	*
Iron	mg/L	0.3/-	Comp	6.4	--
Iron, dissolved	mg/L	-/-	Comp	0.095	--
Lead	ug/L	5.2/-	Comp	3.5	*
Lead, dissolved	ug/L	-/-	Comp	0.39	Ja* (DNQ)
Manganese	ug/L	50/-	Comp	96	--

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

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

OUTFALL 001 (South Slope below Perimeter 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		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Manganese, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	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	-/-	Comp	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	26.6	--
Zinc, Dissolved	ug/L	-/-	Comp	18.1	J (DNQ)
ORGANICS					
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	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	-/-	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	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*
TPH					
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
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/-	Comp	ND < 0.094	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR

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

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

OUTFALL 001 (South Slope below Perimeter 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		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	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-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/-	Comp	ND < 0.0024	*
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,l)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/-	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

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

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

OUTFALL 001 (South Slope below Perimeter 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		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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/-	Comp	1.0	*
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/-	Comp	ND < 0.094	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR

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

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

OUTFALL 001 (South Slope below Perimeter 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		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.094	*
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.

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

OUTFALL 001 (South Slope below Perimeter 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	12/26/2010 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	1.2	Ja* (DNQ)
Chloride	mg/L	150/-	Comp	5.9	*
Dissolved Oxygen	mg	-/-	ANR	ANR	ANR
Dissolved Oxygen	mg/L	-/-	Grab	10.31	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	130	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	0.070	Ja* (DNQ)
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.41	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.41	*
Nitrite-N	mg/L	1/-	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	7.3	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	8.5	*
Temperature	deg. F	86/-	Grab	48	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	71	*
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Residual Chlorine	mg/L	0.1/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	16	*
Turbidity	NTU	-/-	Comp	42	--
Volume Discharged	MGD	160/-	NA	0.043535	*
METALS					
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	-/-	Comp	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	4.0	*
Copper, dissolved	ug/L	-/-	Comp	2.1	*
Iron	mg/L	0.3/-	Comp	1.8	--
Iron, dissolved	mg/L	-/-	Comp	0.23	--
Lead	ug/L	5.2/-	Comp	0.98	Ja* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Manganese	ug/L	50/-	Comp	28	--

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

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

OUTFALL 001 (South Slope below Perimeter 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	12/26/2010 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Manganese, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	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	-/-	Comp	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	11.3	J (DNQ)
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.0	U
ORGANICS					
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
TPH					
EFH (C13 - C22)	ug/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
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/-	Comp	ND < 0.0943	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR

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

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

OUTFALL 001 (South Slope below Perimeter 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	12/26/2010 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	*
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/-	Comp	ND < 0.0024	*
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,l)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/-	Comp	ND < 1.60	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR

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

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

OUTFALL 001 (South Slope below Perimeter 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	12/26/2010 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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/-	Comp	1.0	*
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/-	Comp	ND < 0.0943	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR

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

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

OUTFALL 001 (South Slope below Perimeter 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	12/26/2010 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.0943	*
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.

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

OUTFALL 001 (South Slope below Perimeter Pond)

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

Sample Type: Grab

Sample Date: January 18, 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	1.20E-05	4.80E-05	1.20E-04	--	0.01	1.20E-06
1,2,3,4,6,7,8-HpCDF	5.80E-06	4.80E-05	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	9.20E-06	4.80E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	7.80E-06	6.80E-06	ND	U (B)	0.1	ND
1,2,3,4,7,8-HxCDF	4.90E-06	4.80E-05	6.80E-06	J (DNQ)	0.1	ND
1,2,3,6,7,8-HxCDD	6.60E-06	6.60E-06	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDF	4.50E-06	3.80E-06	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDD	5.70E-06	8.10E-06	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDF	4.30E-06	4.80E-05	ND	U (B)	0.1	ND
1,2,3,7,8-PeCDD	9.80E-06	4.80E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	5.10E-06	4.80E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	4.00E-06	4.80E-05	ND	U (B)	0.1	ND
2,3,4,7,8-PeCDF	6.10E-06	4.80E-05	ND	U	0.5	ND
2,3,7,8-TCDD	3.30E-06	9.50E-06	ND	U	1	ND
2,3,7,8-TCDF	2.30E-06	2.60E-06	ND	UJ (*III)	0.1	ND
OCDD	2.20E-05	9.50E-05	1.30E-03	--	0.0001	1.30E-07
OCDF	1.30E-05	9.50E-05	ND	U (B)	0.0001	ND

TCDD TEQ w/out DNQ Values	1.33E-06
----------------------------------	-----------------

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 001 (South Slope below Perimeter Pond)

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

Sample Type: Composite

Sample Date: February 6, 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	1.80E-06	4.70E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	1.70E-06	4.70E-05	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	2.50E-06	1.20E-05	ND	U (B)	0.01	ND
1,2,3,4,7,8-HxCDD	2.20E-06	1.00E-05	ND	U (B)	0.1	ND
1,2,3,4,7,8-HxCDF	1.30E-06	4.70E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDD	2.00E-06	1.10E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDF	1.20E-06	8.80E-06	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDD	1.90E-06	4.70E-05	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDF	1.50E-06	4.70E-05	ND	U (B)	0.1	ND
1,2,3,7,8-PeCDD	2.30E-06	4.70E-05	ND	U (B)	1	ND
1,2,3,7,8-PeCDF	1.20E-06	4.70E-05	6.70E-06	J (DNQ)	0.05	ND
2,3,4,6,7,8-HxCDF	1.20E-06	9.90E-06	ND	U (B)	0.1	ND
2,3,4,7,8-PeCDF	1.50E-06	8.20E-06	ND	UJ (*III)	0.5	ND
2,3,7,8-TCDD	1.40E-06	9.40E-06	ND	U	1	ND
2,3,7,8-TCDF	6.50E-07	1.50E-06	ND	U (B)	0.1	ND
OCDD	1.60E-06	9.40E-05	2.80E-04	--	0.0001	2.80E-08
OCDF	1.40E-06	9.40E-05	ND	U (B)	0.0001	ND

TCDD TEQ w/out DNQ Values	2.80E-08
----------------------------------	-----------------

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 001 (South Slope below Perimeter Pond)

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

Sample Type: Composite

Sample Date December 19-20, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	4.20E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.80E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.20E-07	5.00E-05	ND	U (B)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.50E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.60E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	6.40E-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	1.30E-07	5.00E-05	1.30E-06	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.20E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.10E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	3.00E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.30E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	3.50E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	3.50E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	9.00E-08	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.10E-06	1.00E-04	1.90E-04	--	0.0001	0.01	1.90E-10
OCDF	5.20E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	1.90E-10
----------------------------------	-----------------

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 001 (South Slope below Perimeter Pond)

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

Sample Type: Composite

Sample Date December 26, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	8.80E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	3.80E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	4.80E-07	5.00E-05	ND	UJ (*III)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	4.00E-07	5.00E-05	6.30E-07	J (DNQ)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	7.00E-08	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	3.40E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	8.00E-08	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	4.90E-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	UJ (*III)	0.1	0.6	ND
1,2,3,7,8-PeCDD	8.40E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	5.00E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	7.00E-08	5.00E-05	7.40E-07	J (DNQ)	0.1	0.7	ND
2,3,4,7,8-PeCDF	5.90E-07	5.00E-05	1.80E-06	J (DNQ)	0.5	1.6	ND
2,3,7,8-TCDD	5.10E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.60E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.20E-03	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	8.20E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	ND
----------------------------------	-----------

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

tions, definitions, and other explanations for the data presented in this table.

OUTFALL 001 (South Slope below Perimeter 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 (Grab)			2/6/2010 (Comp)		
			RESULT	VALIDATION QUALIFIER	MDA	RESULT	VALIDATION QUALIFIER	MDA
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	7.3 ± 1.8	J (H, C)	1.2	6.9 ± 1.9	J (H,C)	1.6
Gross Beta	pCi/L	50/-	9 ± 1.6	J (H)	1.6	8.1 ± 1.3	J (H)	1.2
Strontium-90	pCi/L	8.0/-	0.29 ± 0.30	U	0.5	-0.24 ± 0.34	U	0.64
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.50 ± 0.44	U	0.92	0.24 ± 0.28	R	0.62
Tritium	pCi/L	20000/-	64 ± 88	U	140	65 ± 65	U	96
Uranium, Total	pCi/L	20/-	0.455 ± 0.048	J (H, DNQ)	0.21	0.369 ± 0.042	J (H,DNQ)	0.21
Potassium-40	pCi/L	-/-	-90 ± 540	U	260	-180 ± 810	U	290
Cesium 137	pCi/L	200/-	-2.2 ± 9.1	U	16	1.3 ± 8.1	U	15

Sample taken on 1/18/10 was a grab sample

OUTFALL 001 (South Slope below Perimeter 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
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	4.4 ± 0.75	0.499	J (C)	1.89 ± 0.47	0.4	J (C, DNQ)
Gross Beta	pCi/L	50/-	7.29 ± 0.75	0.895	--	3.06 ± 0.63	0.885	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.198 ± 0.38	0.809	U	0.222 ± 0.33	0.684	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.78 ± 0.48	1.20	U	0.21 ± 0.40	1.11	U
Tritium	pCi/L	20000/-	-114 ± 170	297	U	-40.3 ± 150	270	U
Uranium, Total	pCi/L	20/-	0.433 ± 0.046	0.019	J (DNQ)	0.177 ± 0.022	0.017	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 18.1	18.1	U	ND < 53.7	53.7	U
Cesium 137	pCi/L	200/-	ND < 1.68	1.68	U	ND < 2.68	2.68	U

OUTFALL 001 (South Slope below Perimeter 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			2/6/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	160	Meas	0.024545	*	Meas	0.609285	*
Ammonia as Nitrogen (N)	LBS/DAY	13,500/2615	Grab	ND	*	Comp	2.85	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	Grab	0.78	*	Comp	11.18	*
Chloride	LBS/DAY	200,160/-	Grab	0.33	*	Comp	23.37	*
Surfactants (MBAS)	LBS/DAY	667/-	Grab	ND	M2*	Comp	ND	*
Fluoride	LBS/DAY	2,135/-	ANR	ANR	ANR	Comp	1.12	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Grab	0.12	*	Comp	2.03	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Grab	0.12	*	Comp	2.03	*
Nitrite-N	LBS/DAY	1,334/-	Grab	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/13,344	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	8/-	Grab	ND	*	Comp	ND	*
Sulfate	LBS/DAY	400,320/-	Grab	0.78	*	Comp	44.72	*
Total Cyanide	LBS/DAY	11.3/5.7	Grab	ND	*	Grab	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Grab	34.80	*	Comp	762.22	*
Total Suspended Solids	LBS/DAY	60,048/20,016	Grab	92.12	--	Comp	863.84	--
Antimony	LBS/DAY	8.01/-	ANR	ANR	ANR	Comp	ND	U
Arsenic	LBS/DAY	66.7/-	ANR	ANR	ANR	Comp	ND	U
Barium	LBS/DAY	1,330/-	ANR	ANR	ANR	Comp	0.39	--
Beryllium	LBS/DAY	5.34/-	ANR	ANR	ANR	Comp	ND	U
Cadmium	LBS/DAY	4.14/2.7	Grab	ND	U	Comp	ND	U
Chromium	LBS/DAY	21.8/10.8	ANR	ANR	ANR	Comp	0.06	--
Copper	LBS/DAY	18.7/9.5	Grab	0.0025	J (*III)	Comp	0.07	J (*III)
Iron	LBS/DAY	400/-	Grab	4.71	--	Comp	49.29	--
Lead	LBS/DAY	6.94/3.5	Grab	0.0027	--	Comp	0.03	--
Manganese	LBS/DAY	66.7/-	Grab	0.08	--	Comp	0.76	--
Mercury	LBS/DAY	0.13/0.07	Grab	ND	U	Comp	ND	U

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

OUTFALL 001 (South Slope below Perimeter 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	Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Nickel	LBS/DAY	128/47	ANR	ANR	ANR	Comp	0.03	J (DNQ)
Selenium	LBS/DAY	10.9/5.5	Grab	ND	U	Comp	0.01	J (DNQ)
Silver	LBS/DAY	5.5/2.7	ANR	ANR	ANR	Comp	ND	U
Thallium	LBS/DAY	2.7/-	ANR	ANR	ANR	Comp	ND	U
Zinc	LBS/DAY	159/72	Grab	0.02	J (*III)	Comp	0.17	--
1,1-Dichloroethene	LBS/DAY	8/4.3	Grab	ND	*	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*	Grab	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	Grab	ND	*	Comp	ND	U
2,4-Dinitrotoluene	LBS/DAY	24/12	Grab	ND	*	Comp	ND	U
alpha-BHC	LBS/DAY	0.04/0.013	Grab	ND	*	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Grab	ND	*	Comp	ND	U
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	Grab	ND	*	Comp	ND	U
Pentachlorophenol	LBS/DAY	22/10.9	Grab	ND	*	Comp	ND	UJ (C)
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/1.90E-08	Grab	2.72E-10	--	Comp	1.42E-10	--

OUTFALL 001 (South Slope below Perimeter 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	0.06296		Meas	0.04354	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Comp	ND	*	Comp	ND	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Comp	1.68	*	Comp	0.44	Ja* (DNQ)
Chloride	LBS/DAY	200,160/-	Comp	2.00	*	Comp	2.14	*
Surfactants (MBAS)	LBS/DAY	667/-	Comp	ND	*	Comp	0.03	Ja* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.49	*	Comp	0.15	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Comp	0.49	*	Comp	0.15	*
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	2.99	*	Comp	3.09	*
Total Cyanide	LBS/DAY	11.3/5.7	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Comp	78.76	*	Comp	25.78	*
Total Suspended Solids	LBS/DAY	60,048/-	Comp	27.30	--	Comp	5.81	*
Cadmium	LBS/DAY	4.14/-	Comp	0.0001	Ja* (DNQ)	Comp	ND	*
Copper	LBS/DAY	18.7/-	Comp	0.004	*	Comp	0.001	*
Iron	LBS/DAY	400/-	Comp	3.36	--	Comp	0.65	--
Lead	LBS/DAY	6.94/-	Comp	0.00	*	Comp	0.0004	Ja* (DNQ)
Manganese	LBS/DAY	66.7/-	Comp	0.05	--	Comp	0.01	--
Mercury	LBS/DAY	0.13/-	Comp	ND	U	Comp	ND	U
Selenium	LBS/DAY	10.9/-	Comp	ND	*	Comp	ND	*
Zinc	LBS/DAY	159/-	Comp	0.01	--	Comp	0.004	J (DNQ)
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*	Grab	ND	*
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	*

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

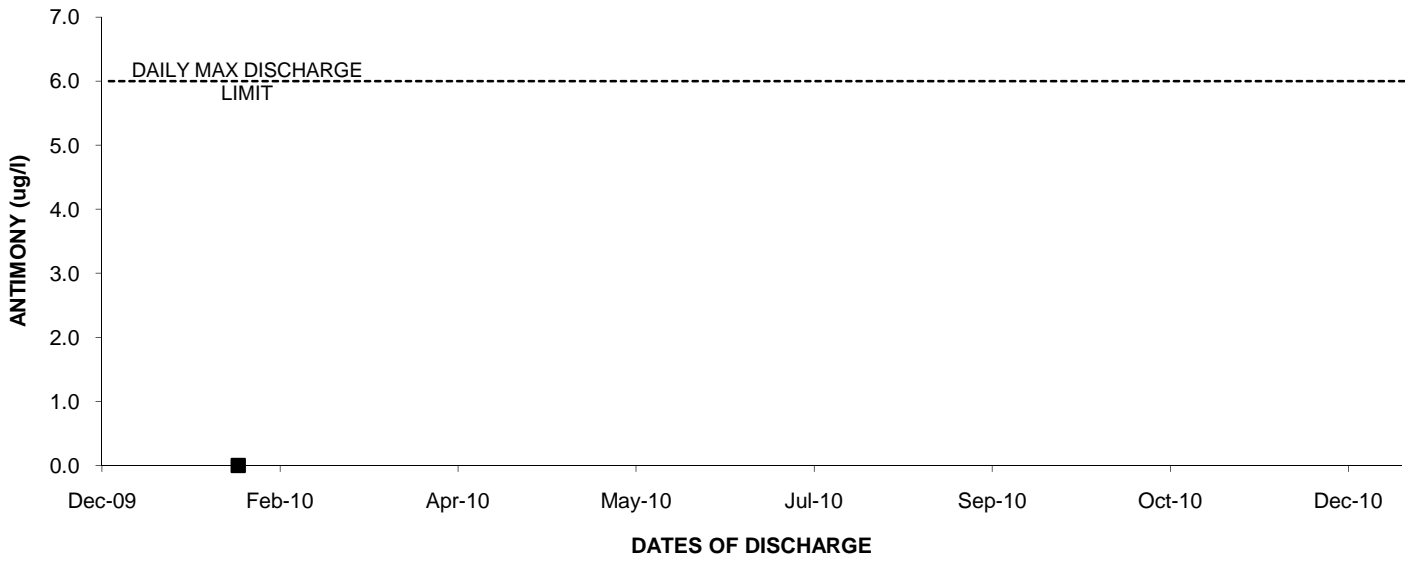
OUTFALL 001 (South Slope below Perimeter Pond)

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

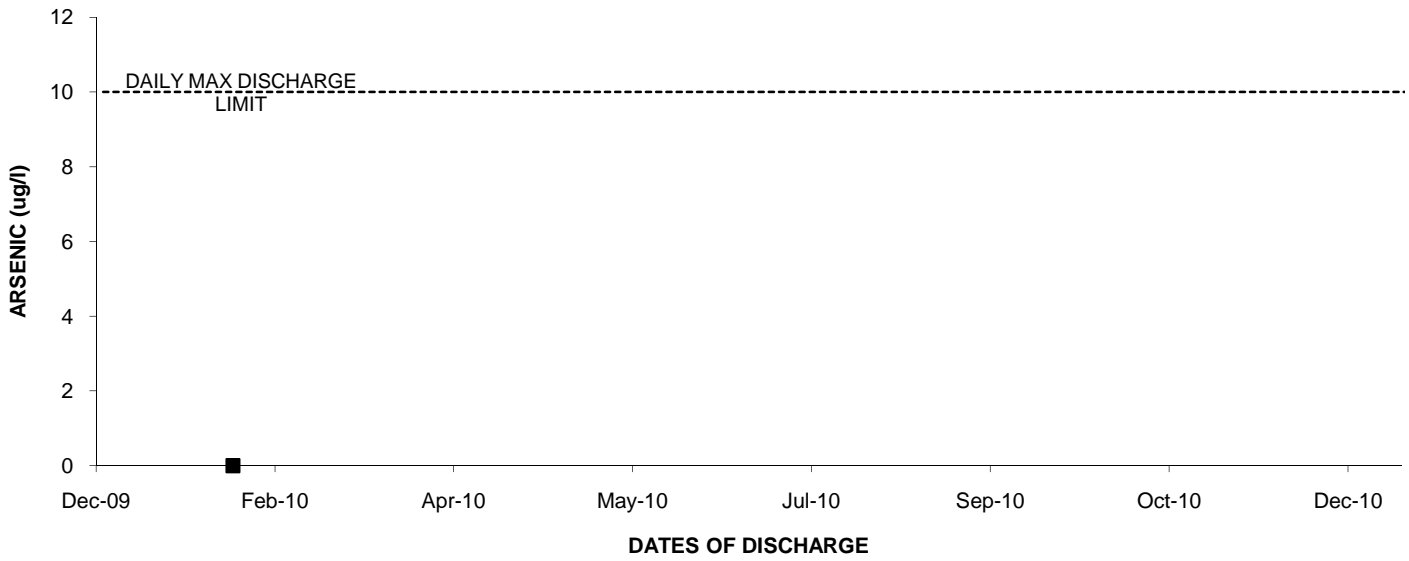
July 19, 2010 through December 31, 2010

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-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	9.98E-14	--	Comp	ND	--

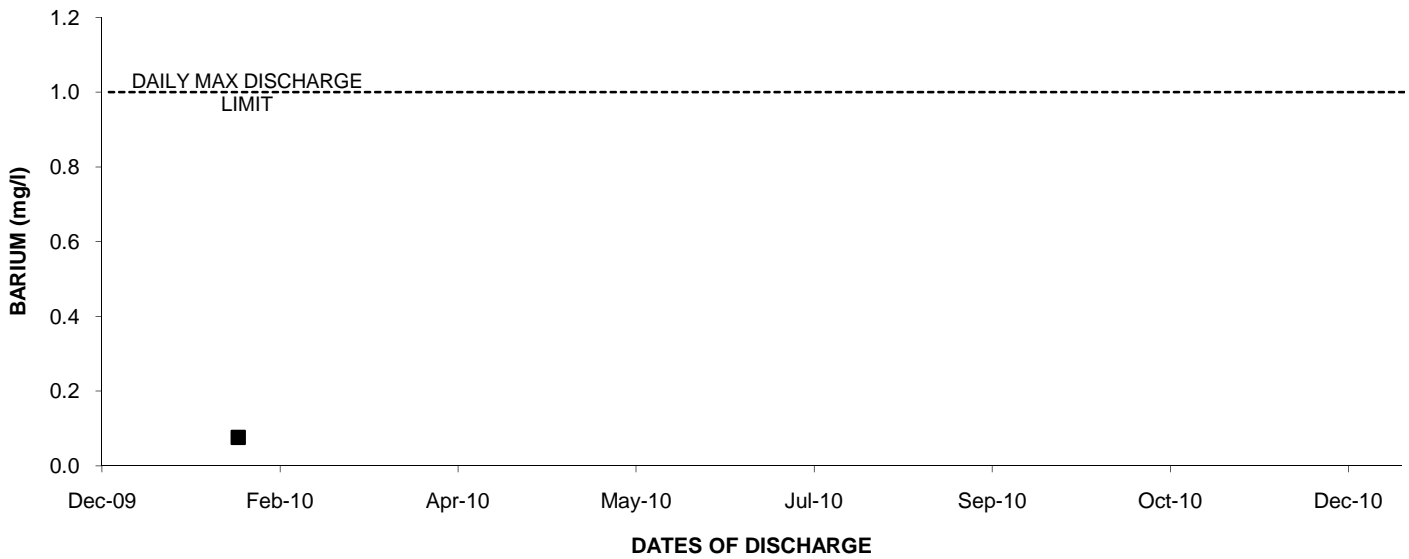
2010: Outfall 001 ANTIMONY



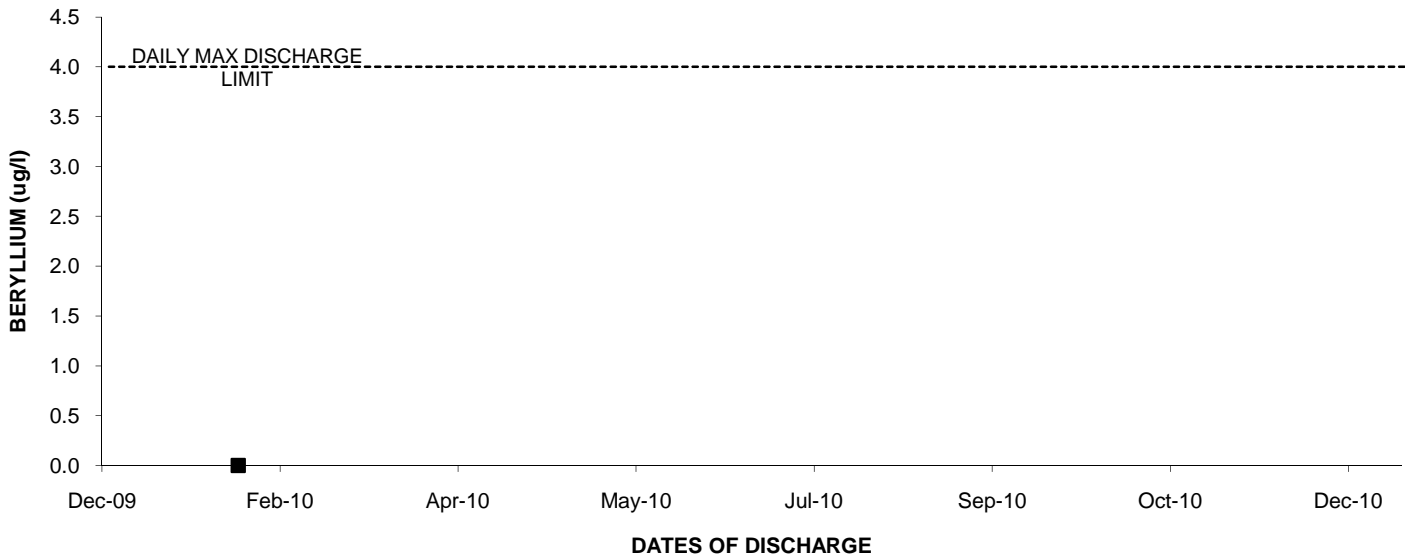
2010: Outfall 001 ARSENIC



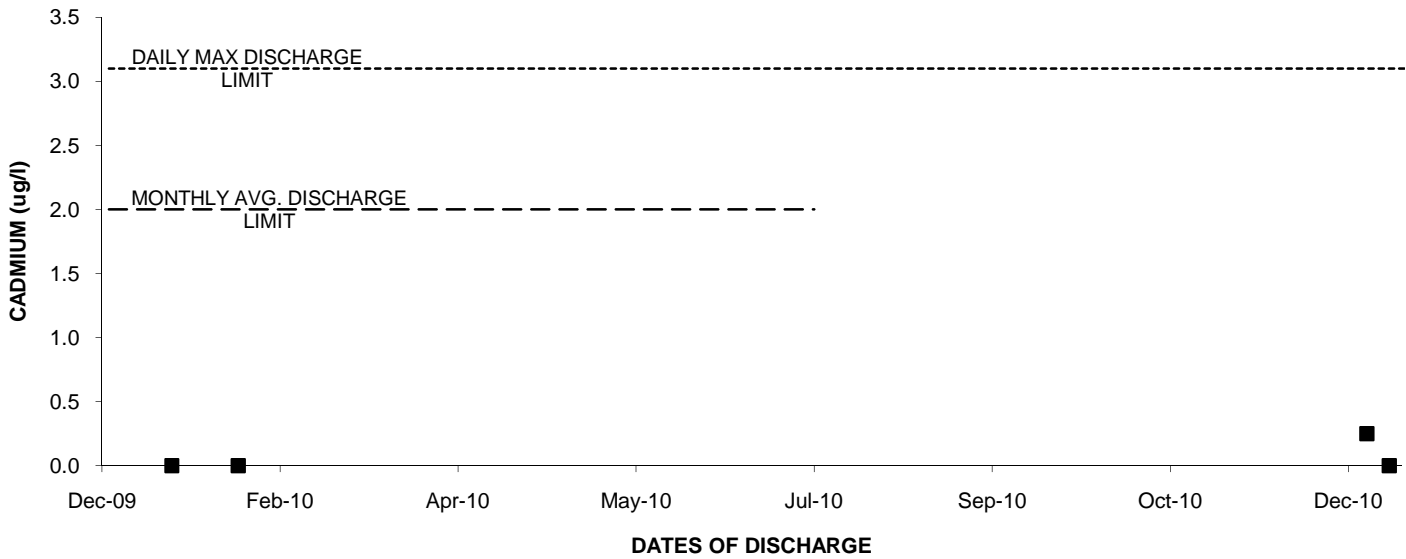
2010: Outfall 001 BARIUM



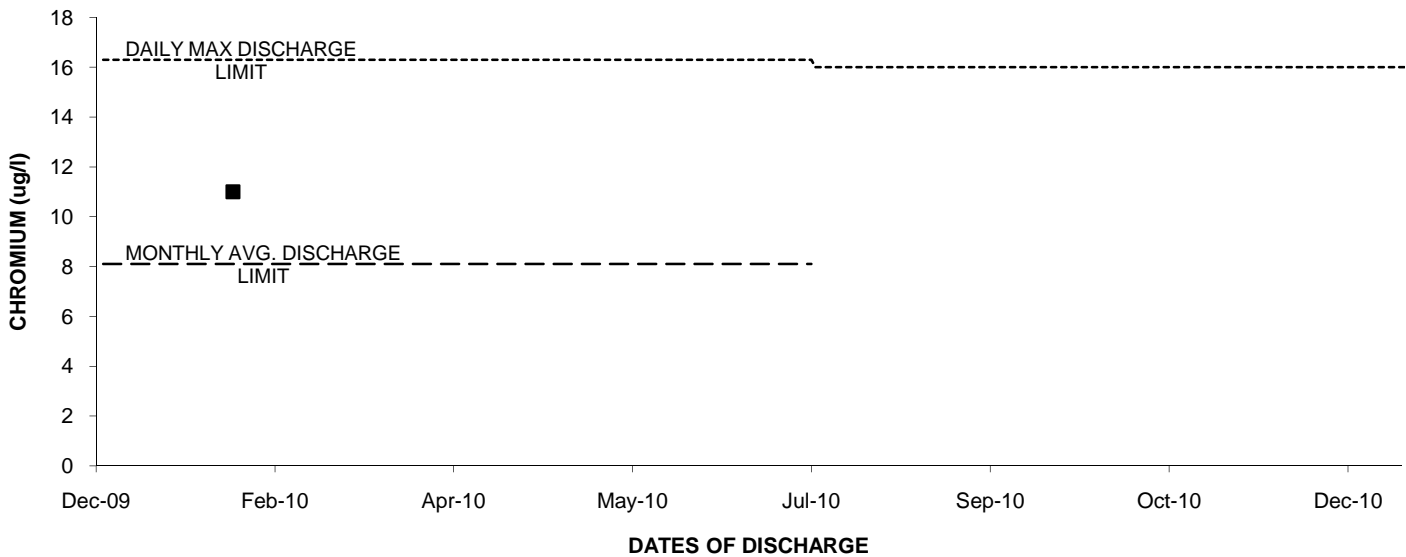
2010: Outfall 001 BERYLLIUM



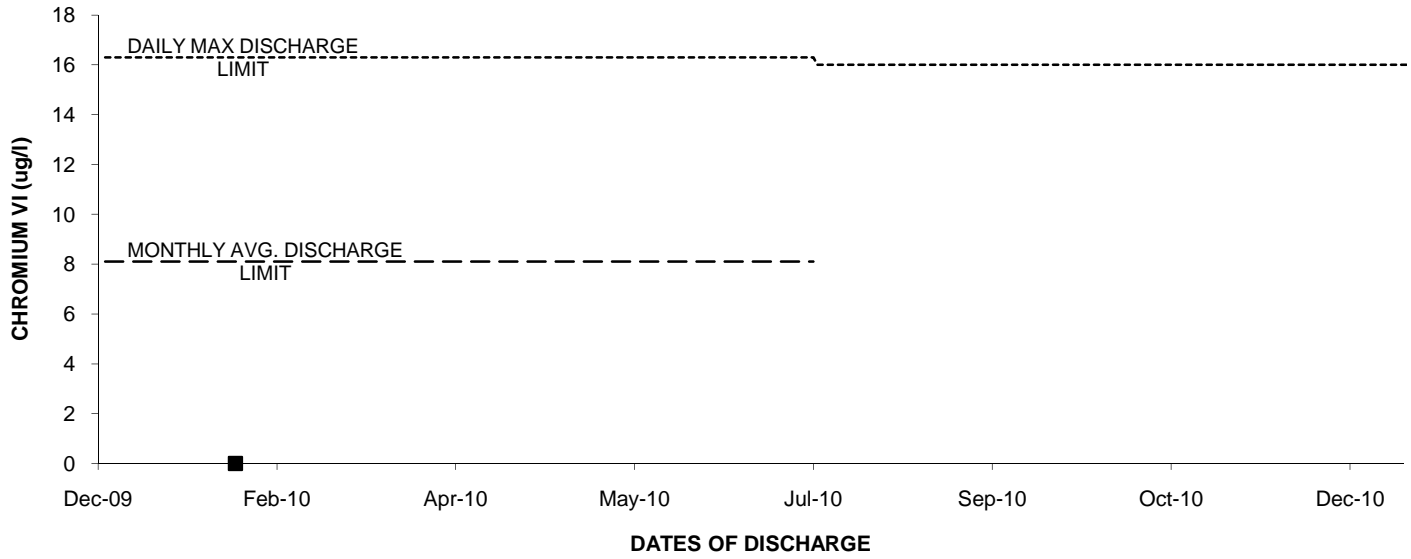
2010: Outfall 001 CADMIUM



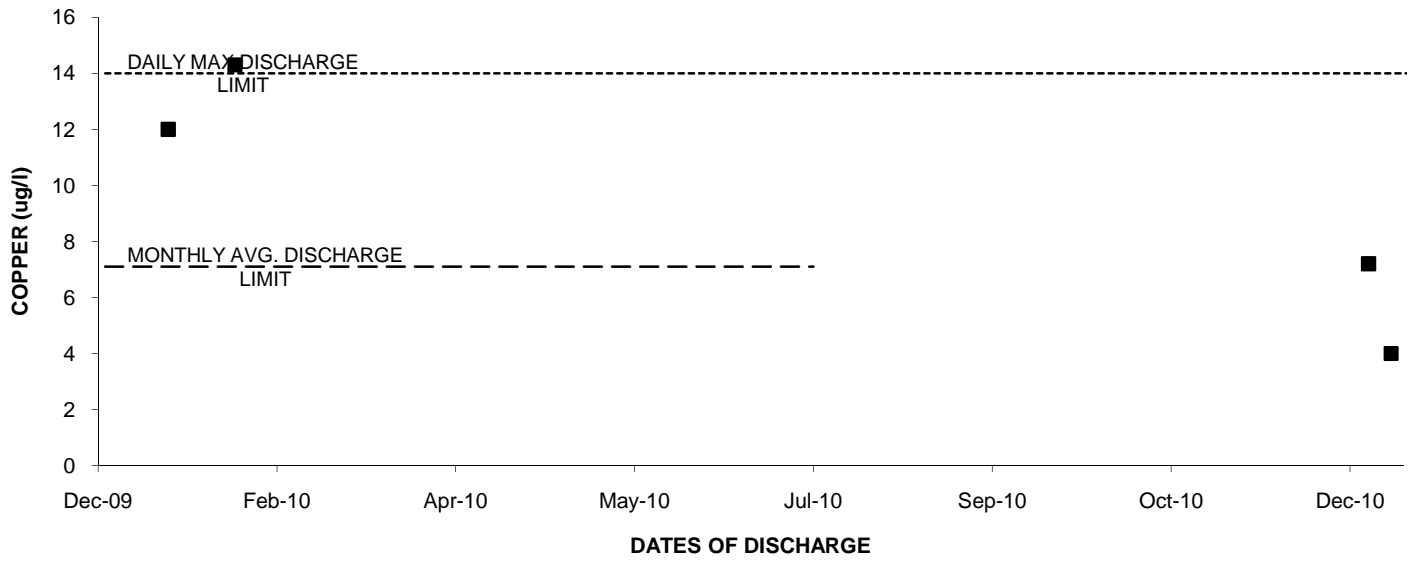
2010: Outfall 001 CHROMIUM



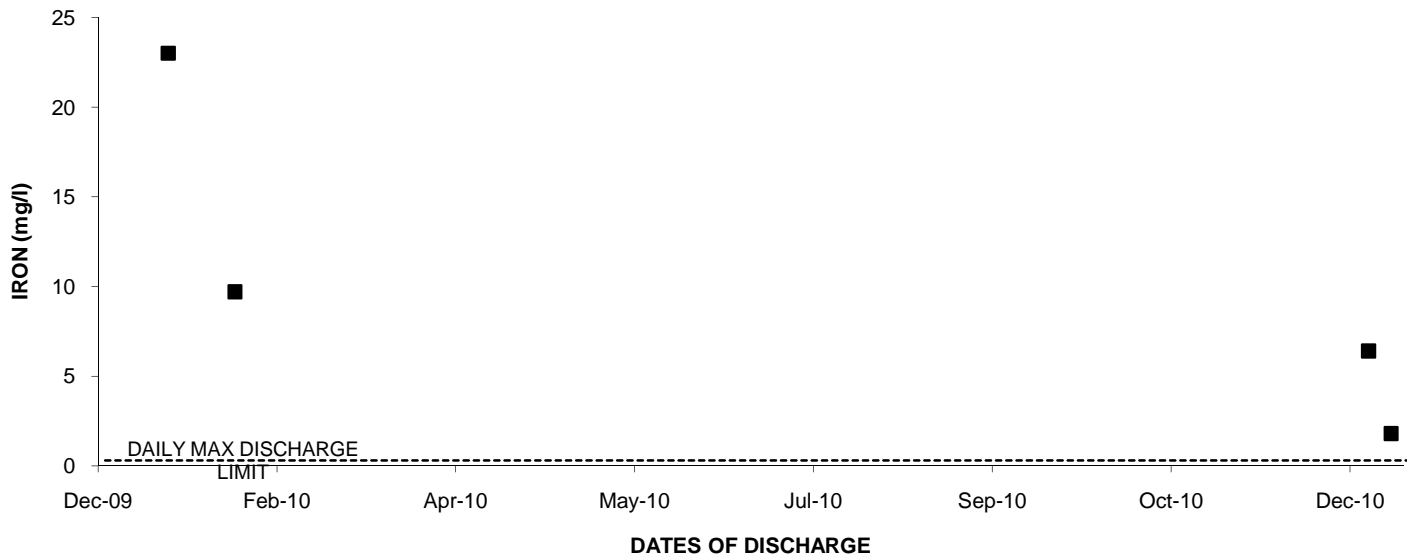
2010: Outfall 001 CHROMIUM VI



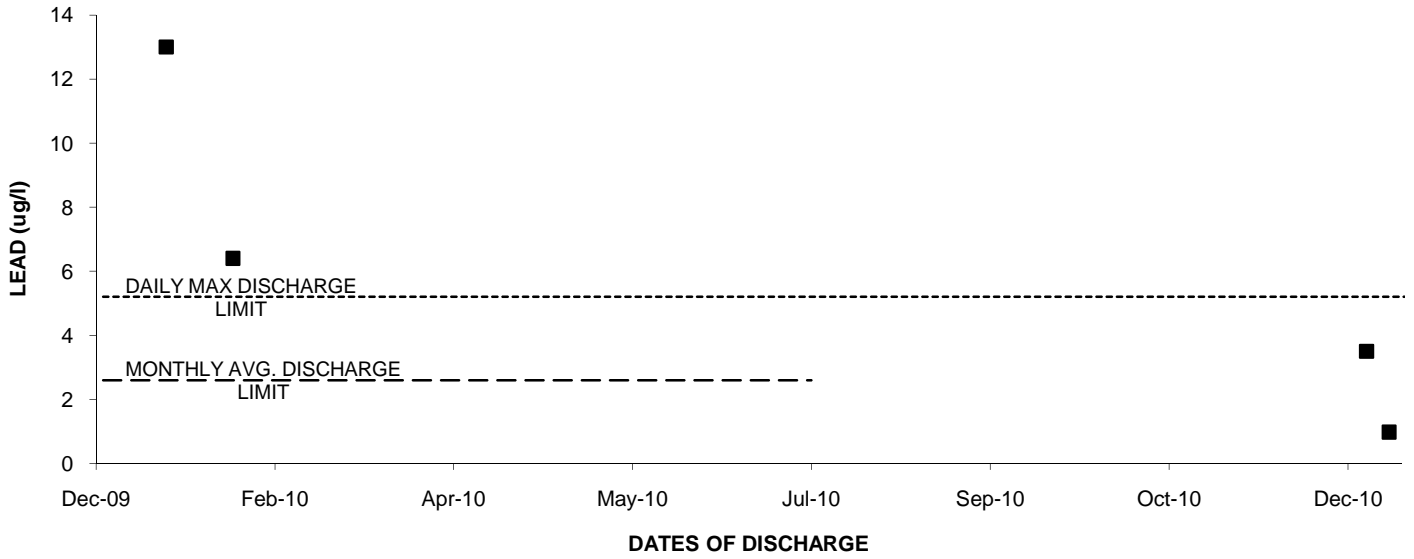
2010: Outfall 001 COPPER



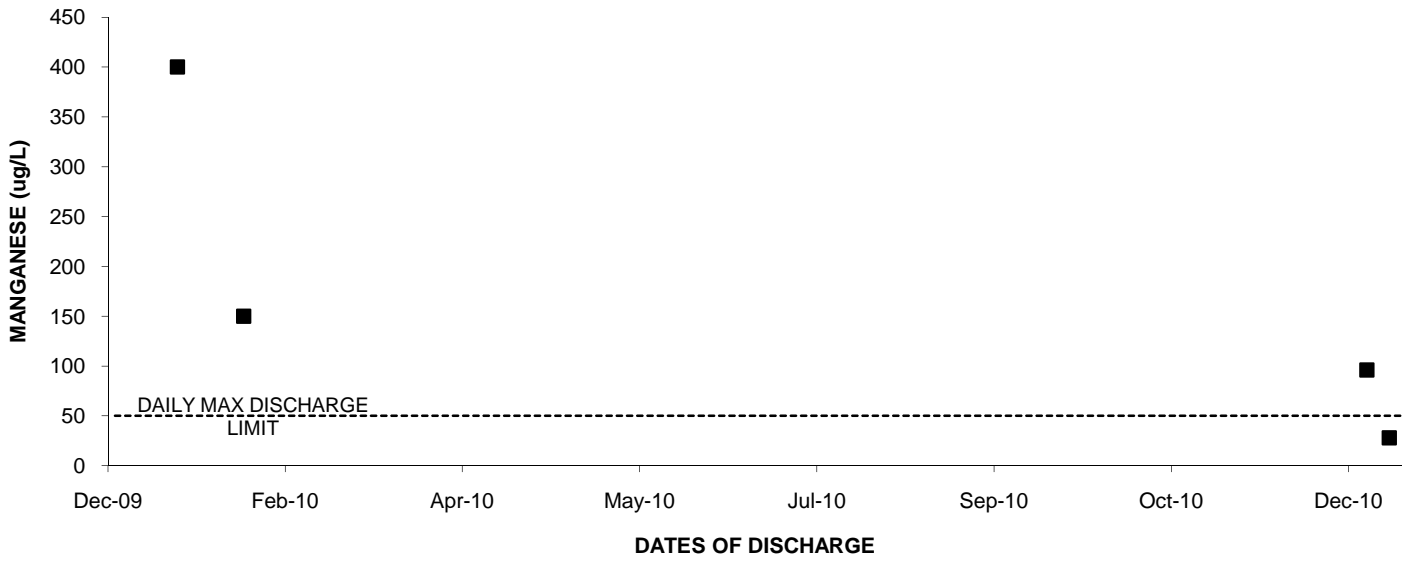
2010: Outfall 001 IRON



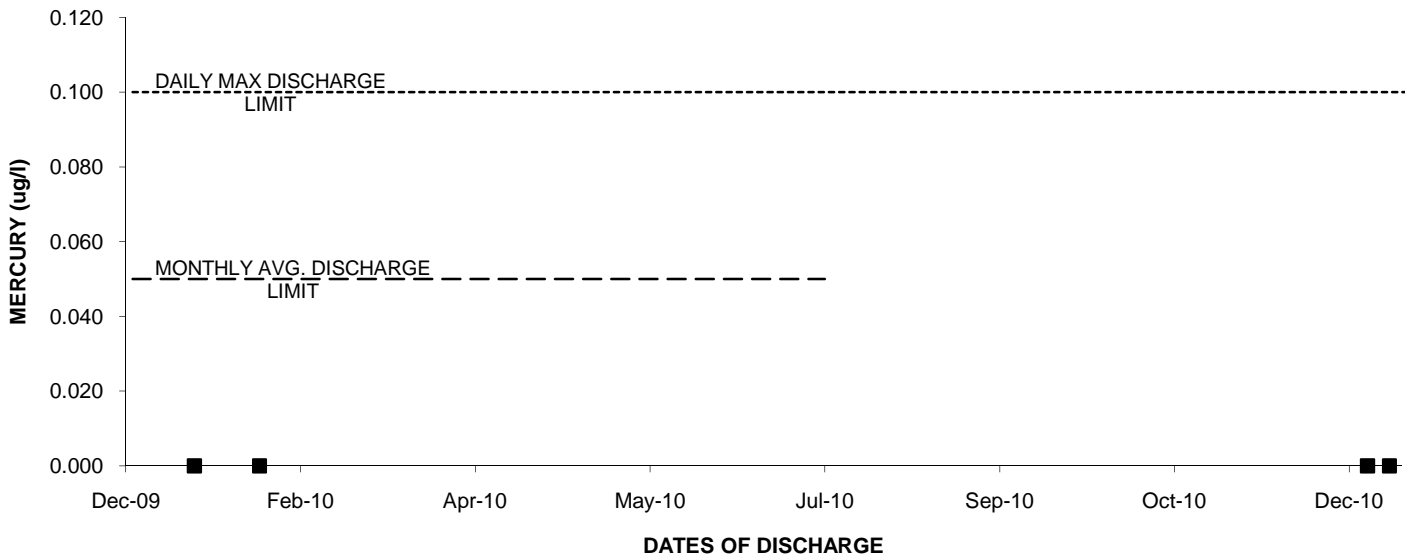
2010: Outfall 001 LEAD



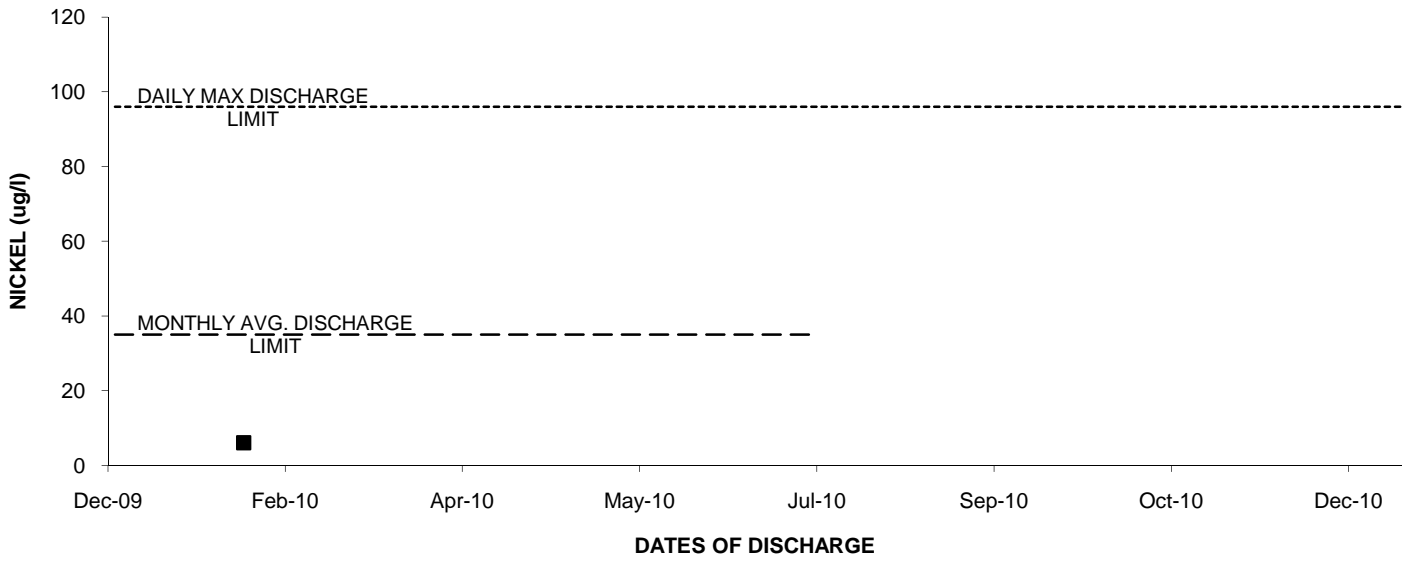
2010: Outfall 001 MANGANESE



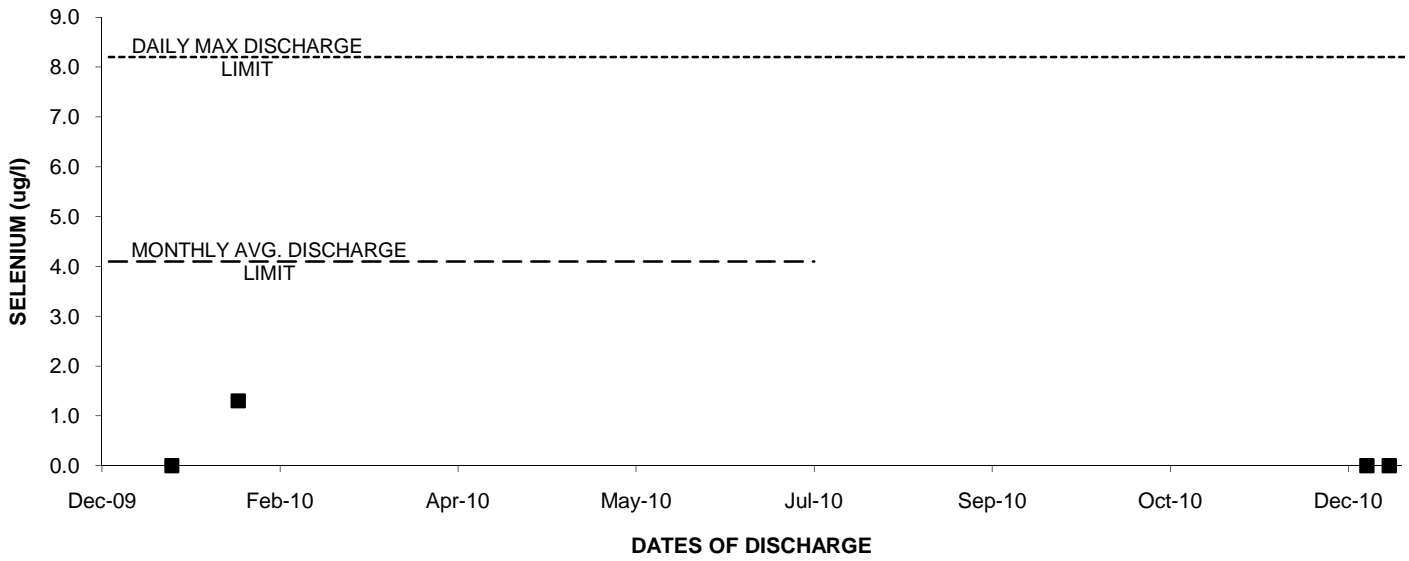
2010: Outfall 001 MERCURY



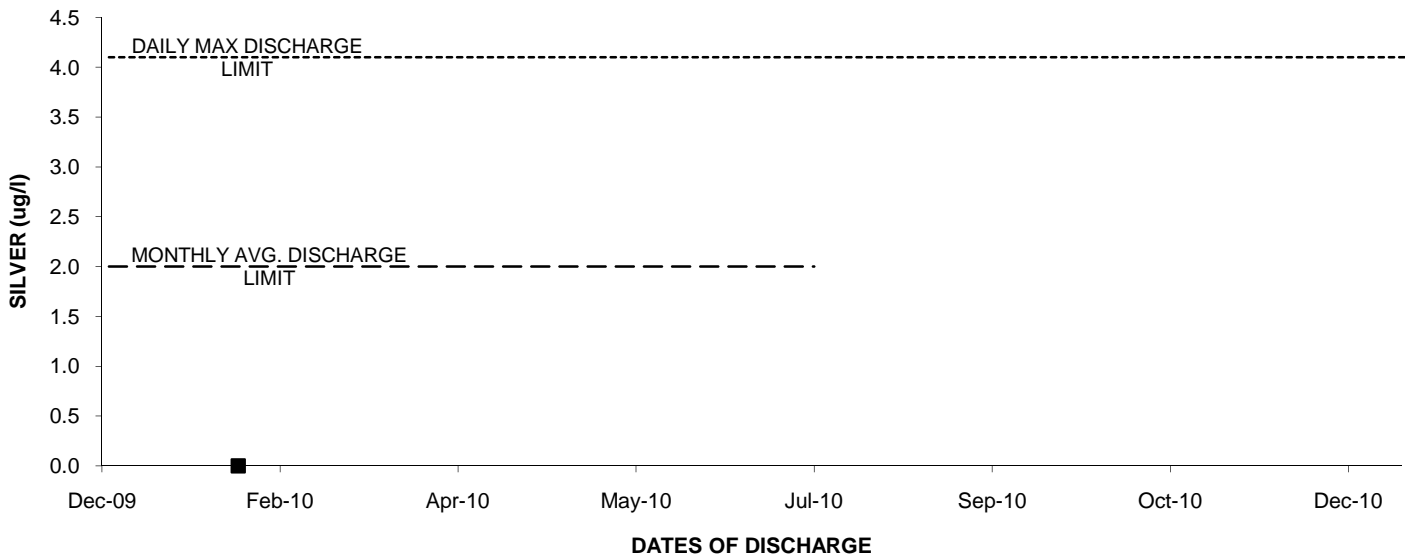
2010: Outfall 001 NICKEL



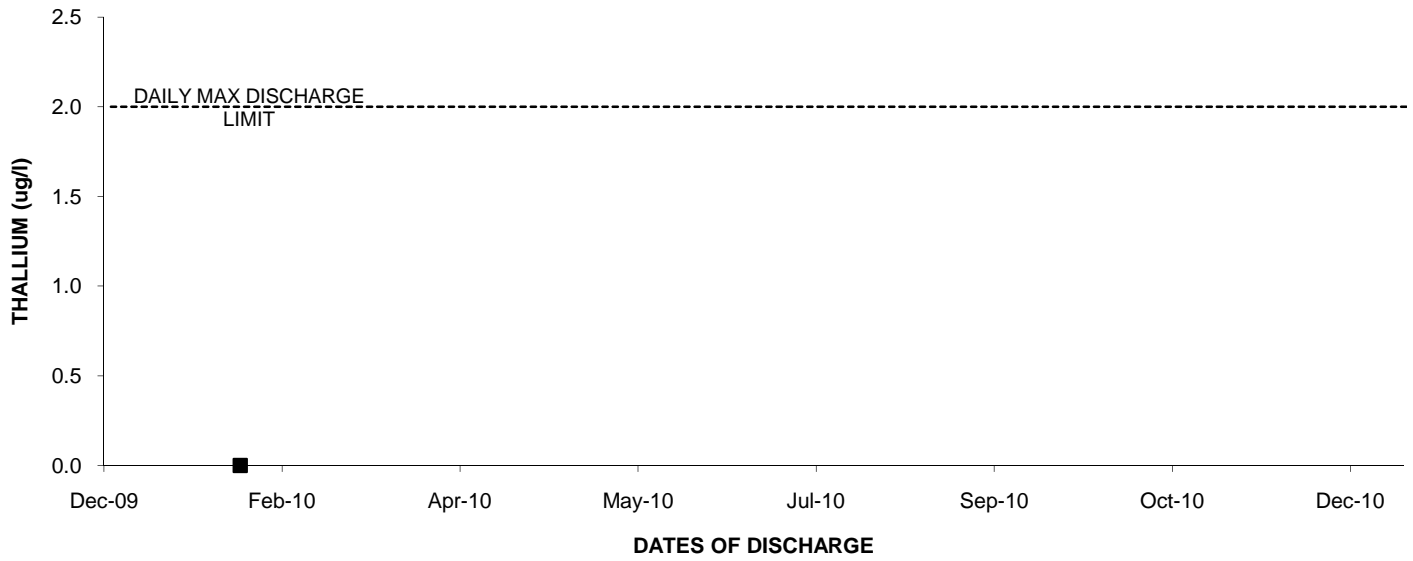
2010: Outfall 001 SELENIUM



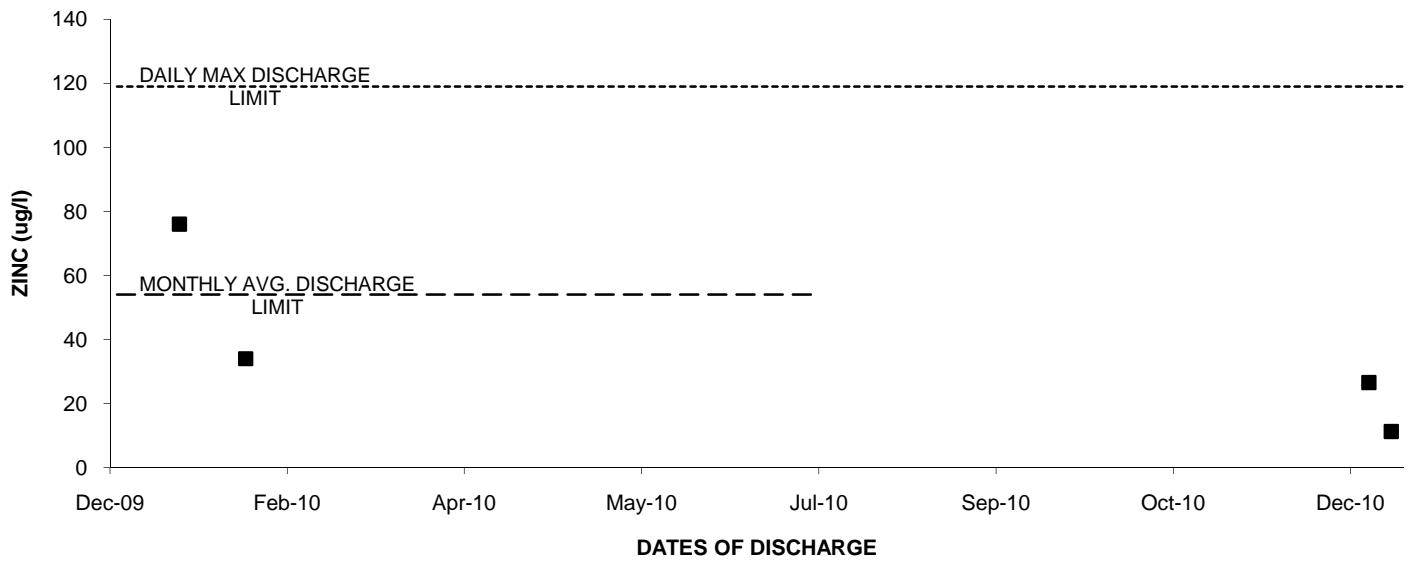
2010: Outfall 001 SILVER



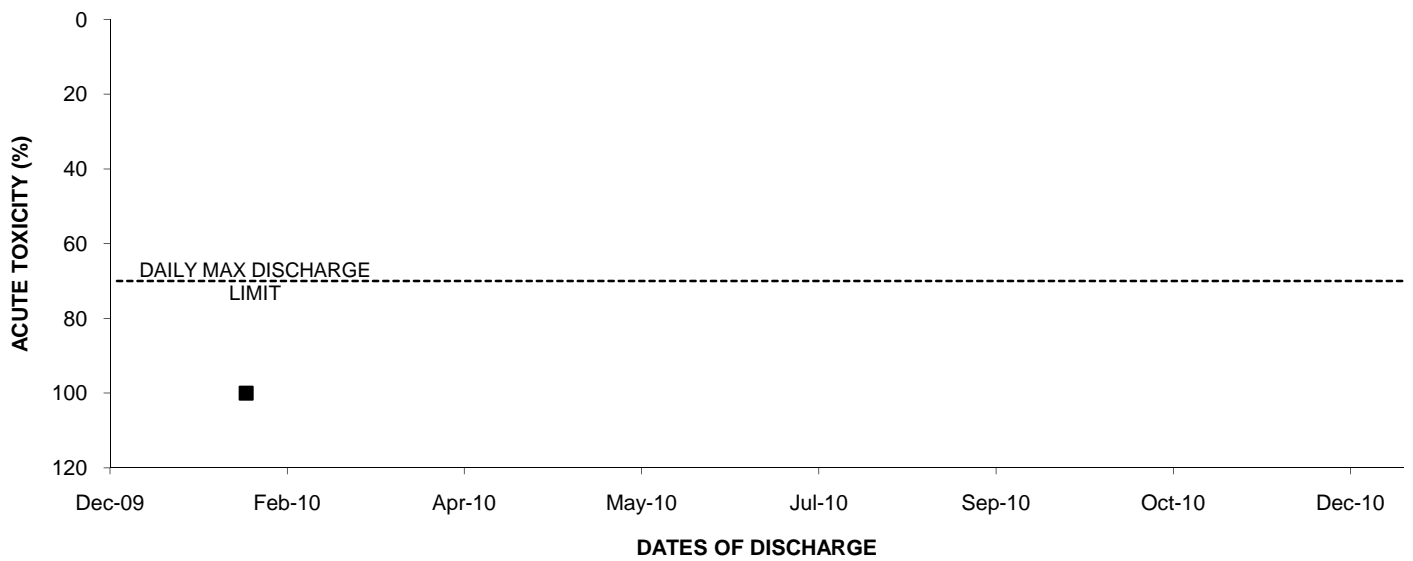
2010: Outfall 001 THALLIUM



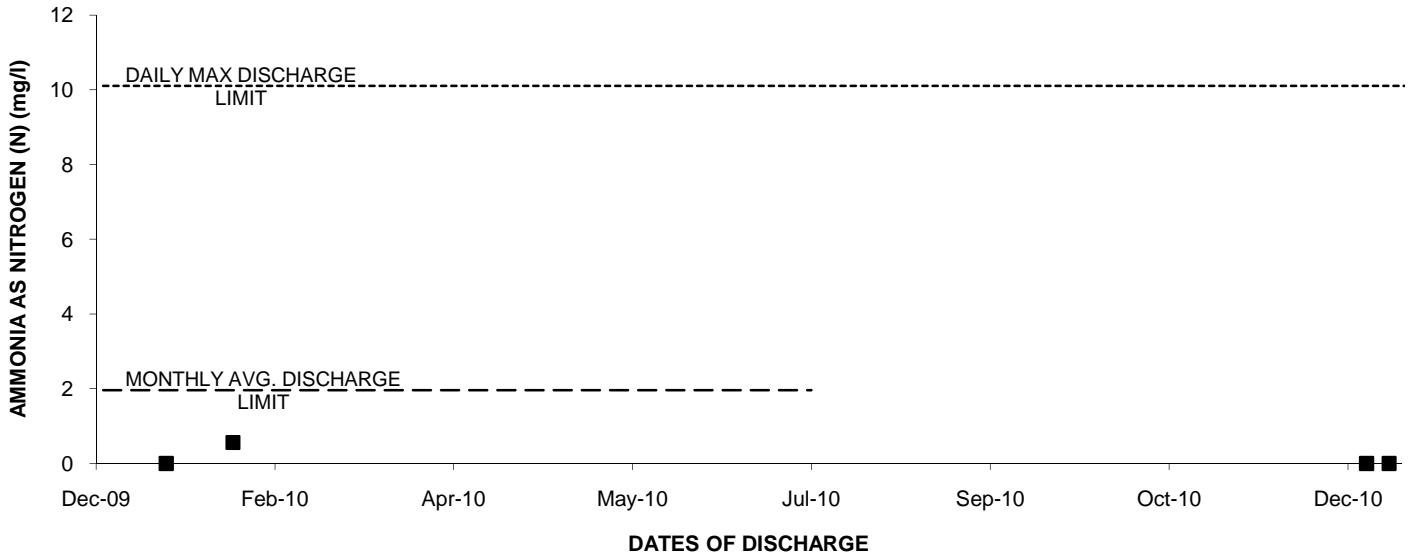
2010: Outfall 001 ZINC



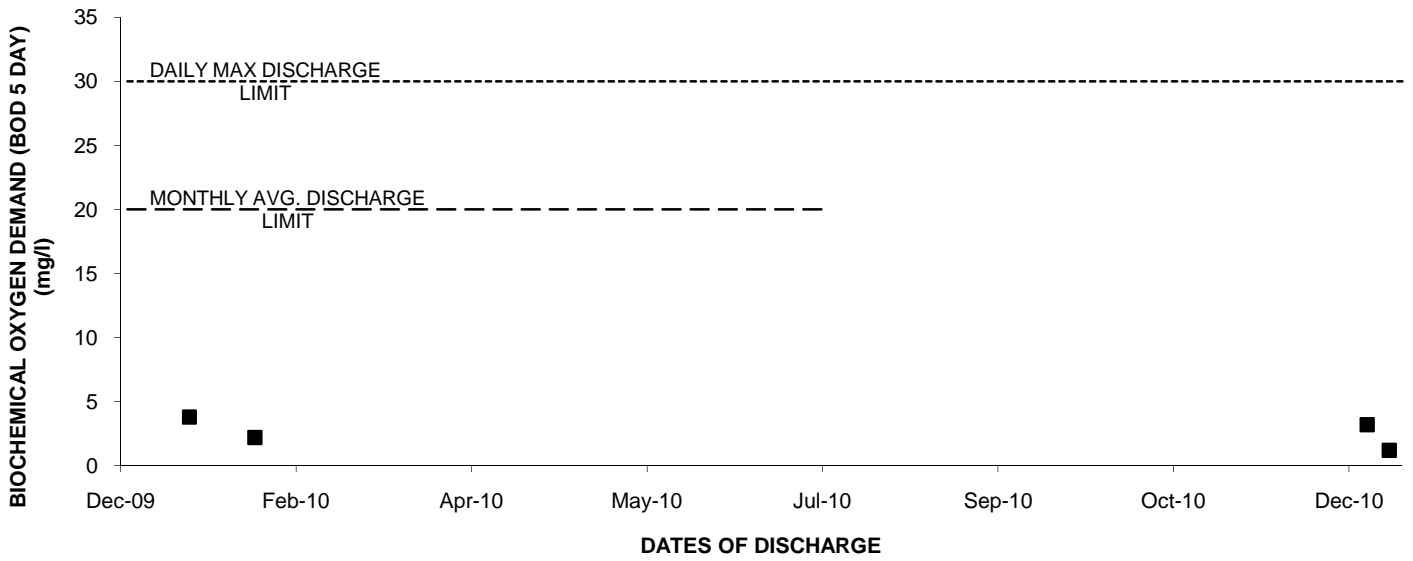
2010: Outfall 001 ACUTE TOXICITY



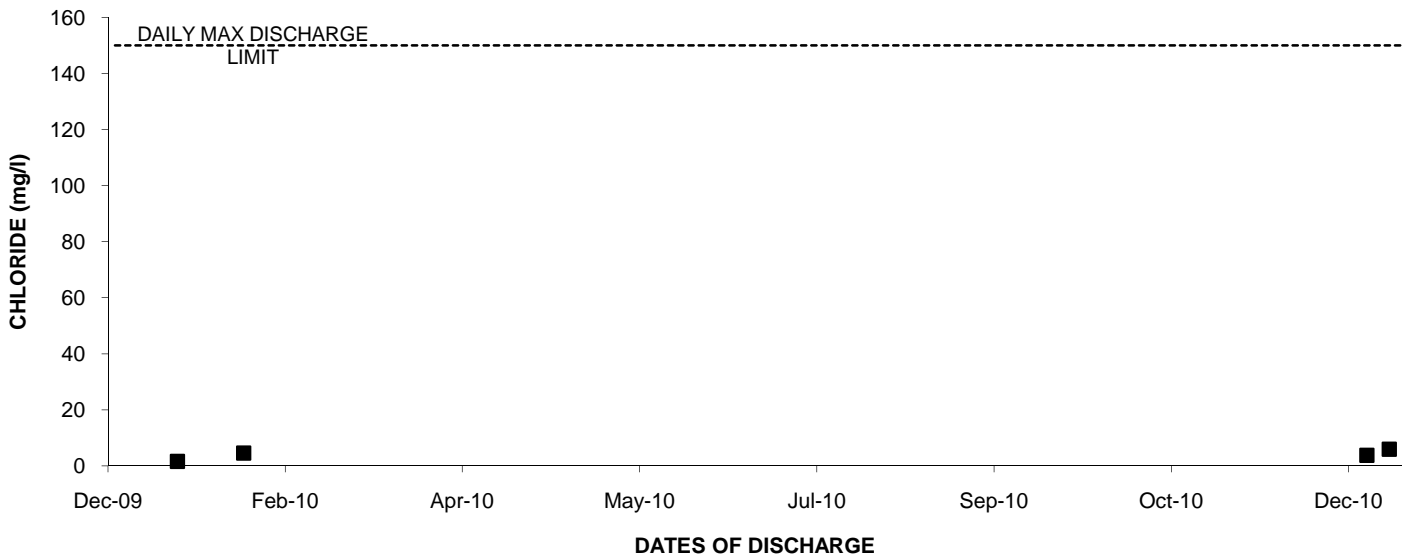
2010: Outfall 001 AMMONIA AS NITROGEN (N)



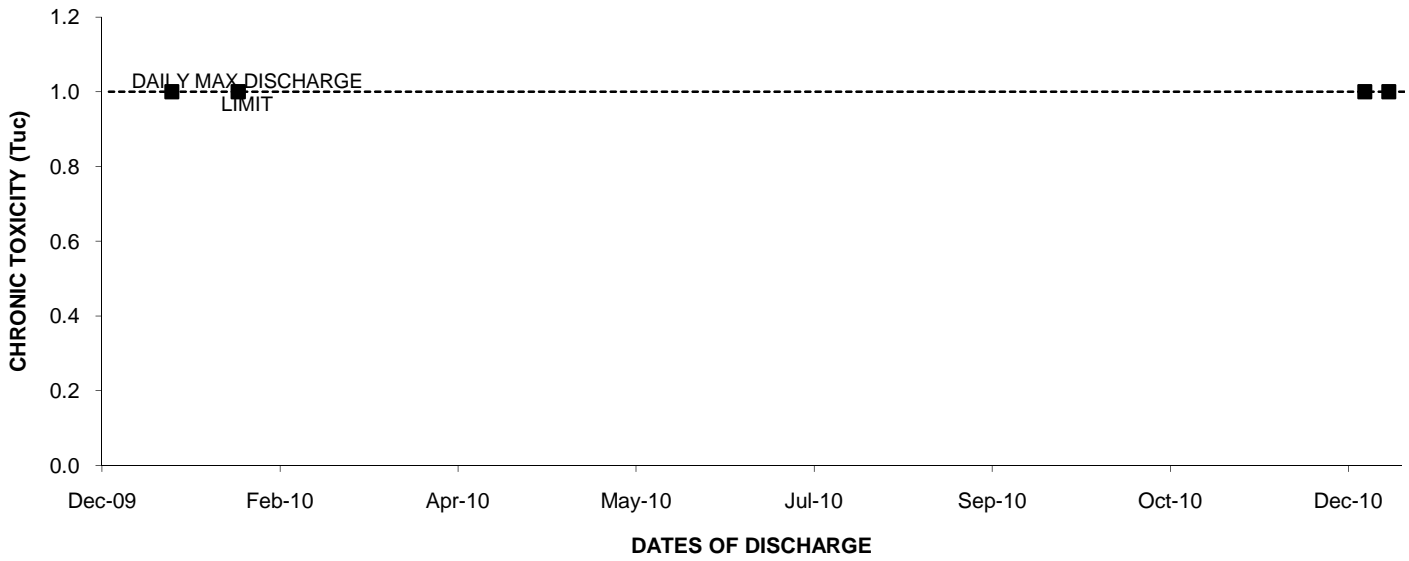
2010: Outfall 001 BIOCHEMICAL OXYGEN DEMAND (BOD 5 DAY)



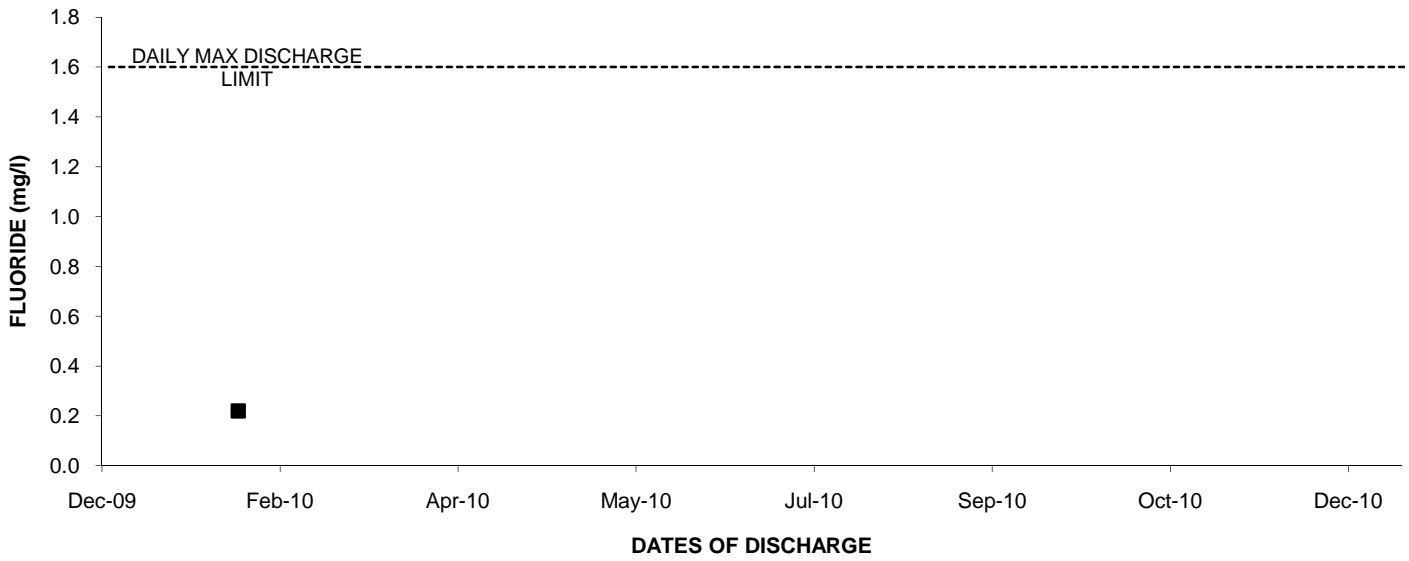
2010: Outfall 001 CHLORIDE



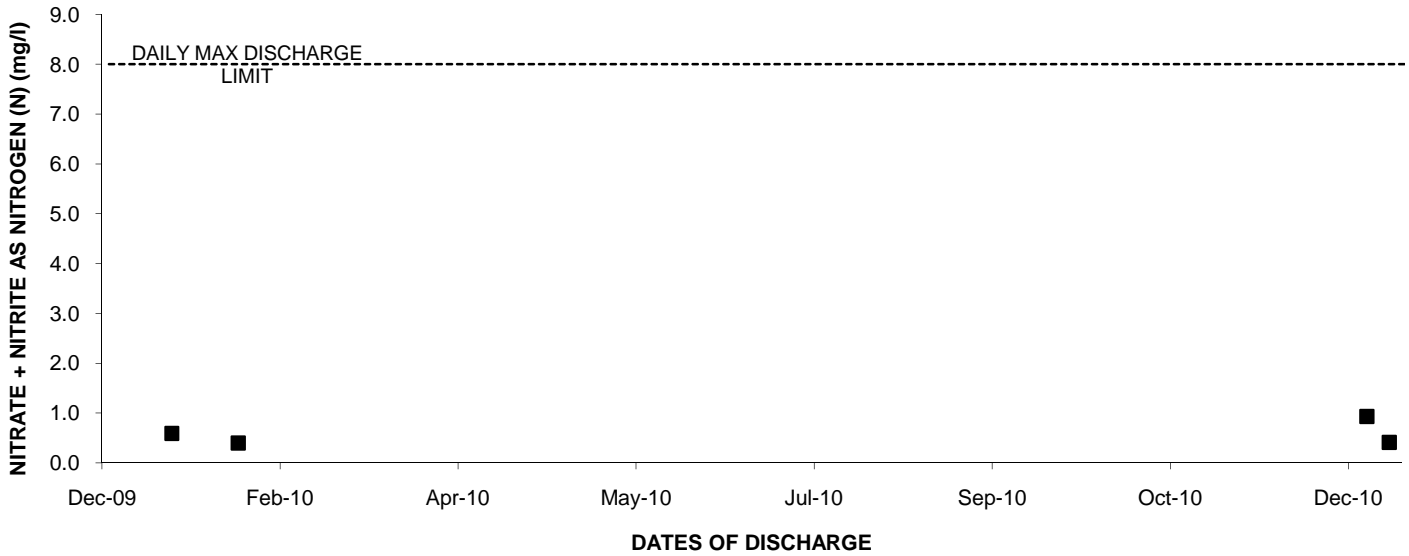
2010: Outfall 001 CHRONIC TOXICITY



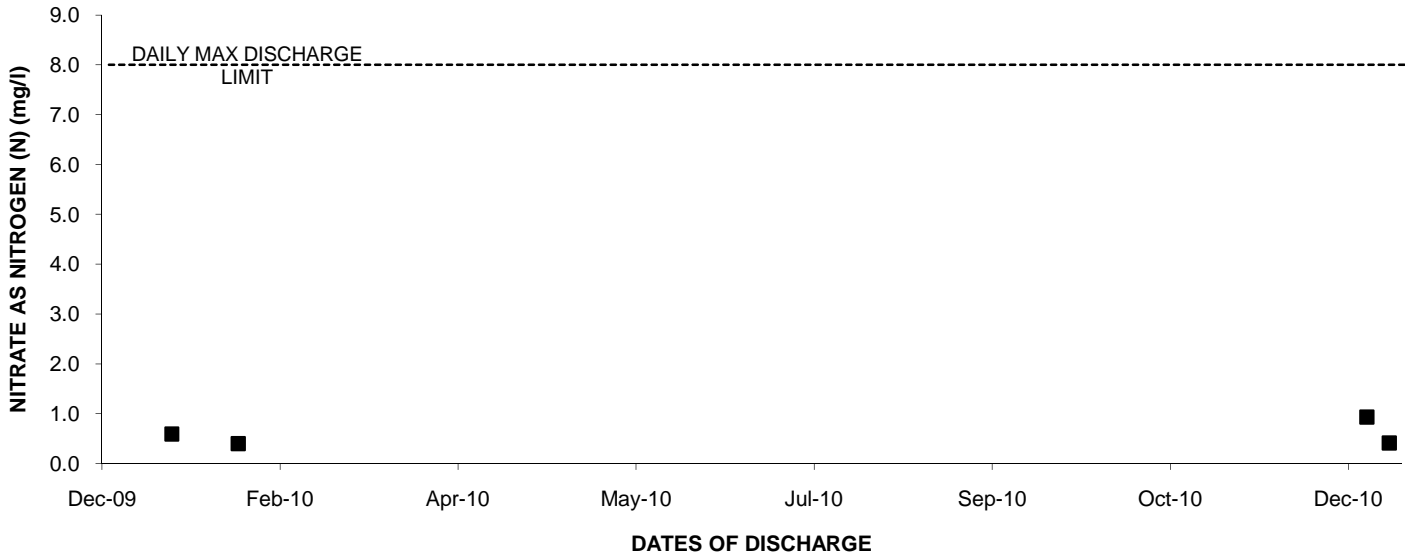
2010: Outfall 001 FLUORIDE



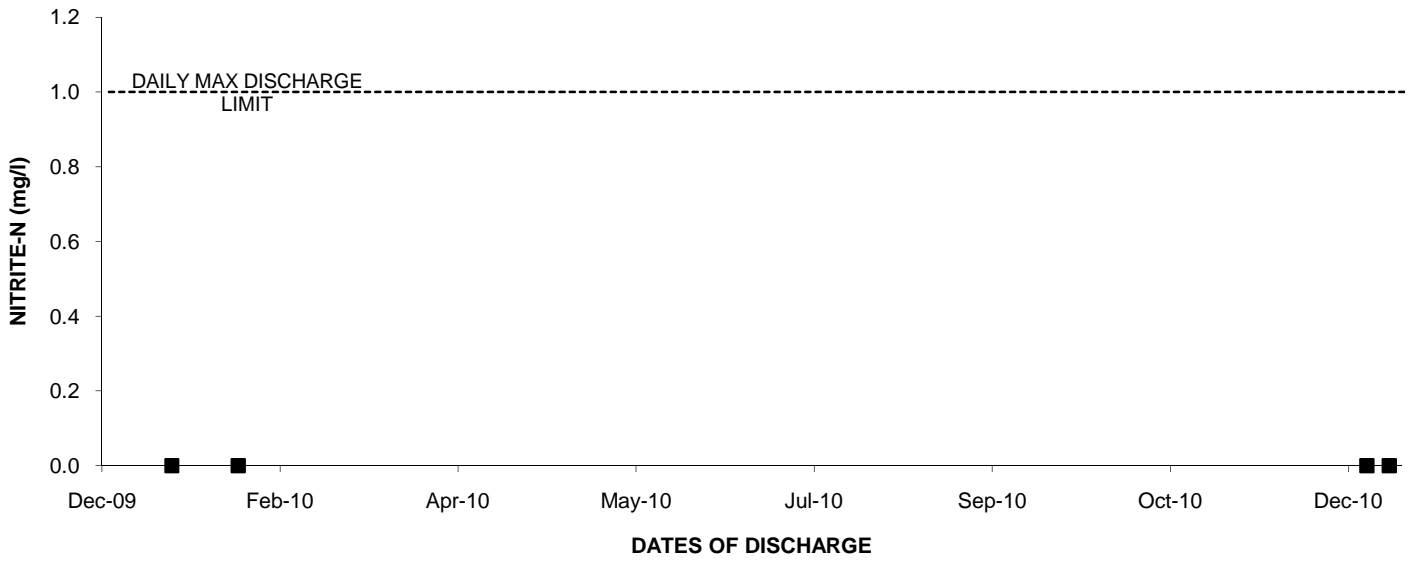
2010: Outfall 001 NITRATE + NITRITE AS NITROGEN (N)



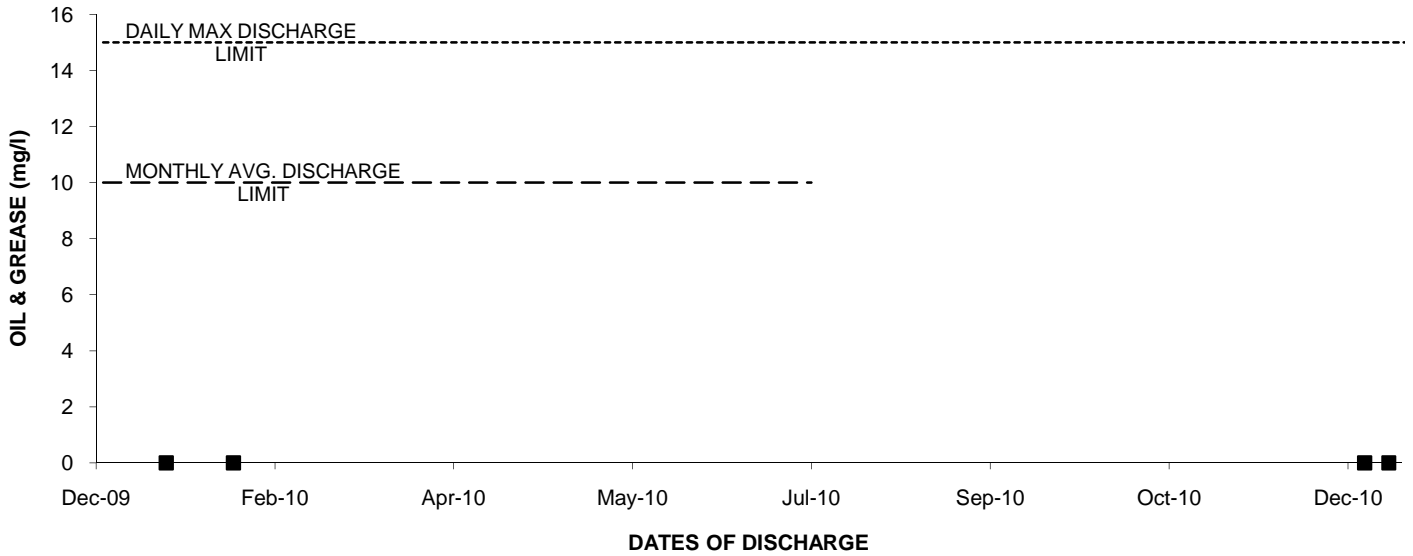
2010: Outfall 001 NITRATE AS NITROGEN (N)



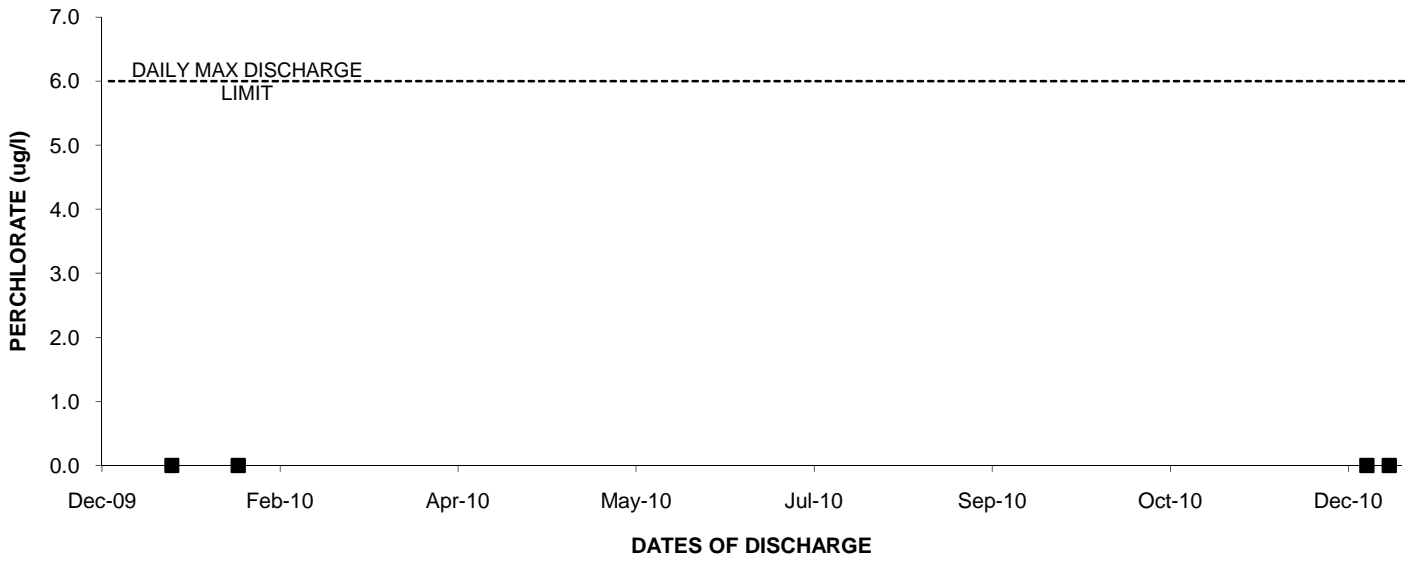
2010: Outfall 001 NITRITE-N



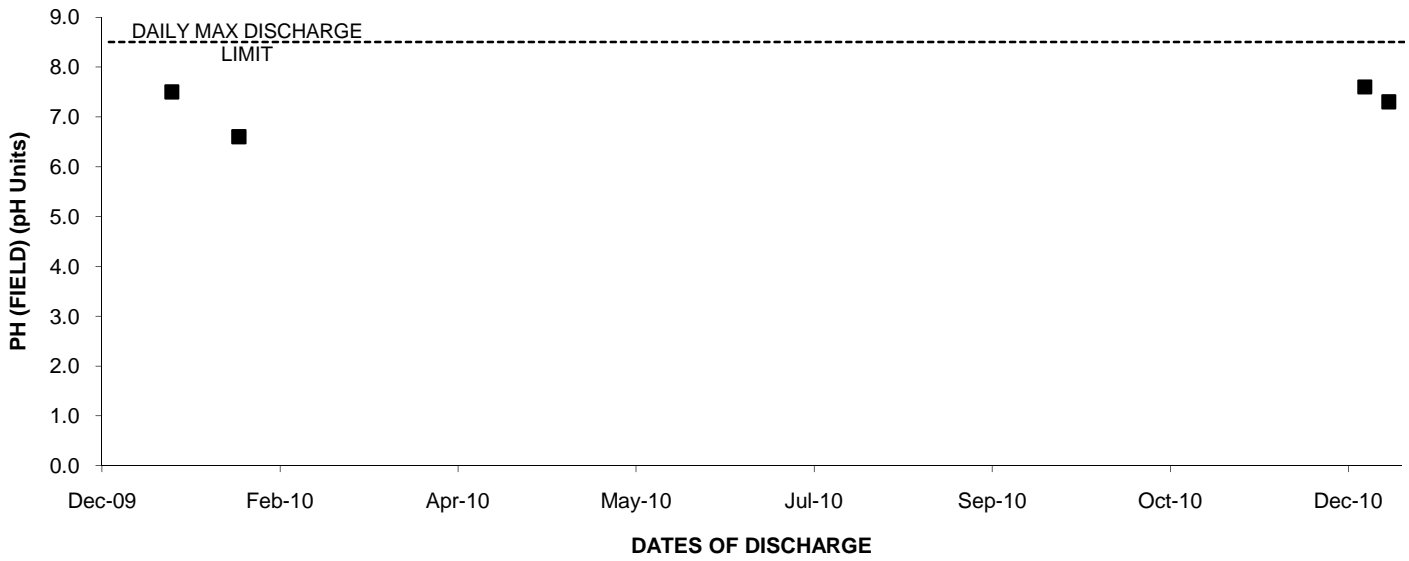
2010: Outfall 001 OIL & GREASE



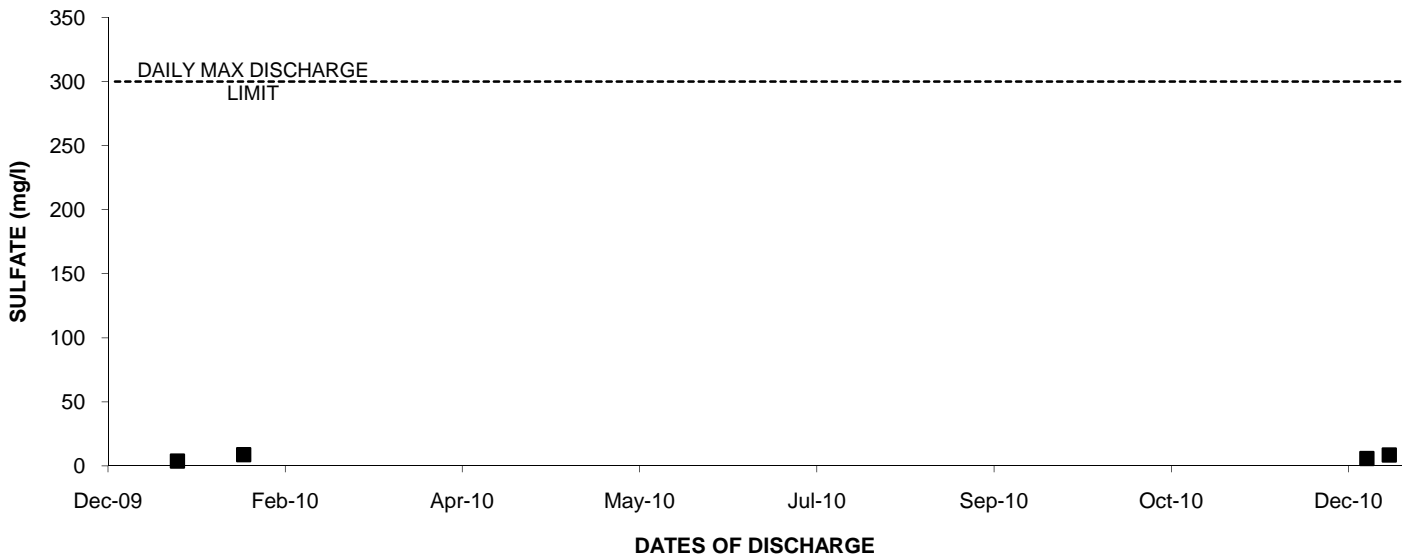
2010: Outfall 001 PERCHLORATE



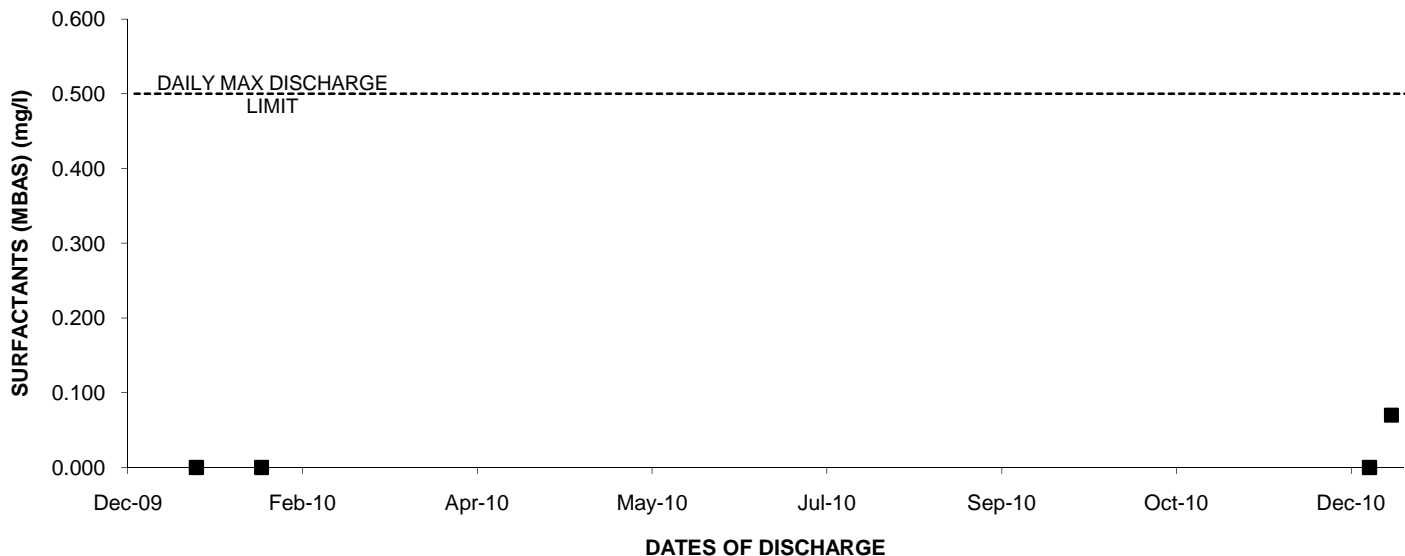
2010: Outfall 001 PH (FIELD)



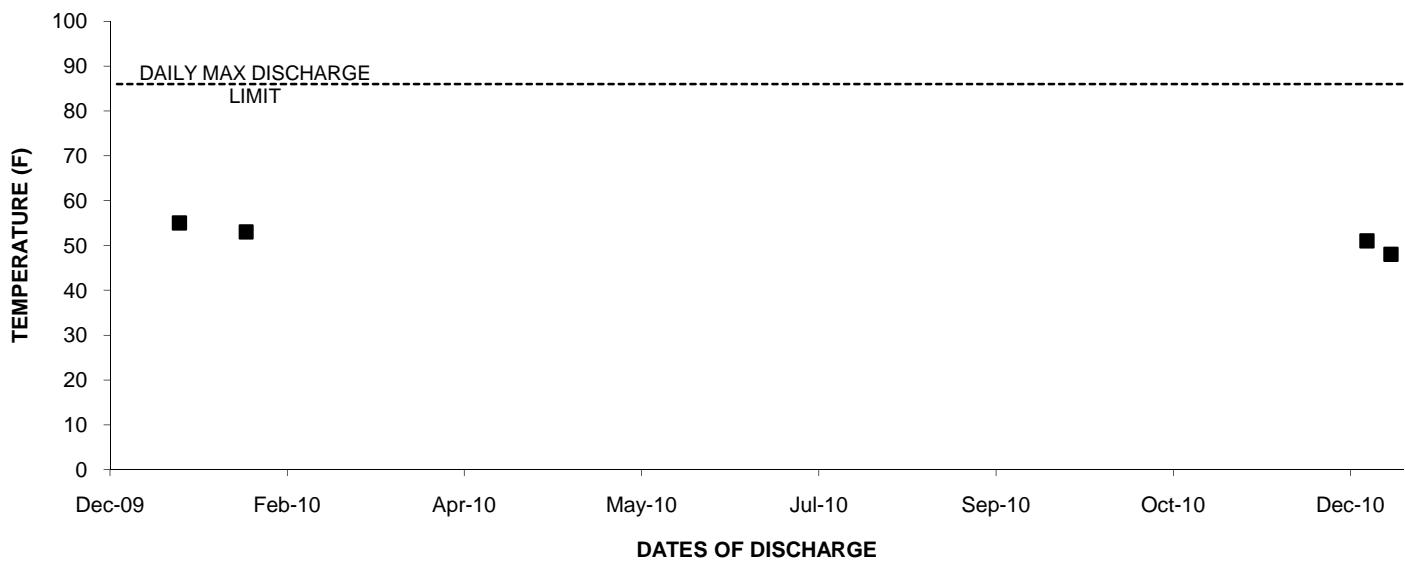
2010: Outfall 001 SULFATE



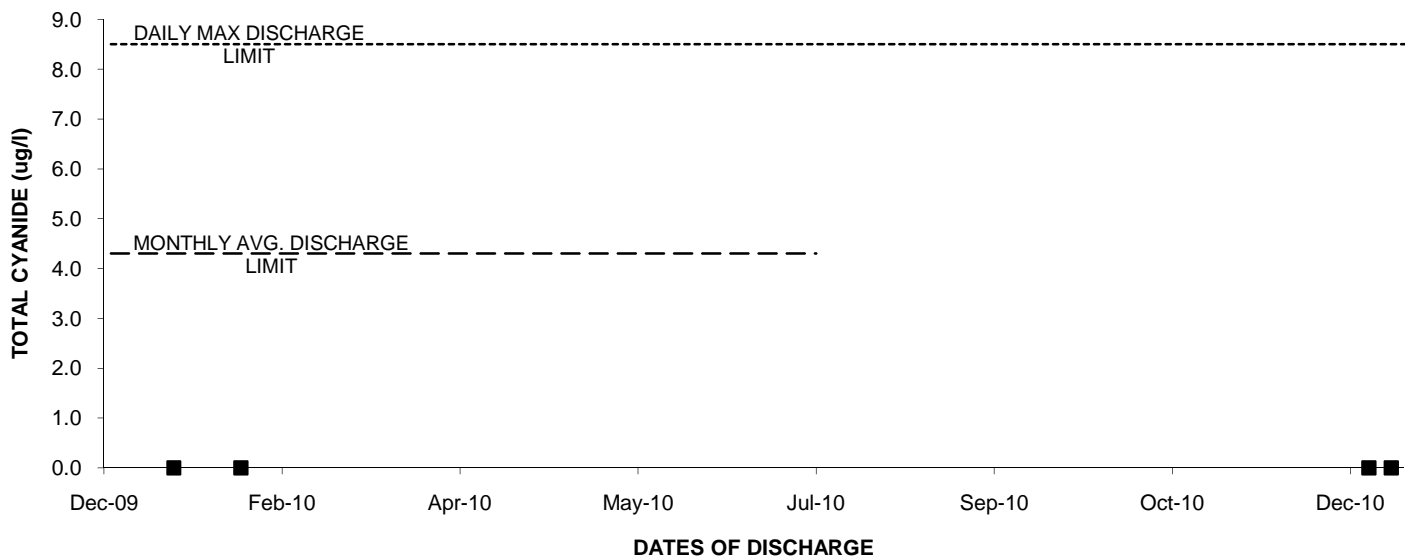
2010: Outfall 001 SURFACTANTS (MBAS)



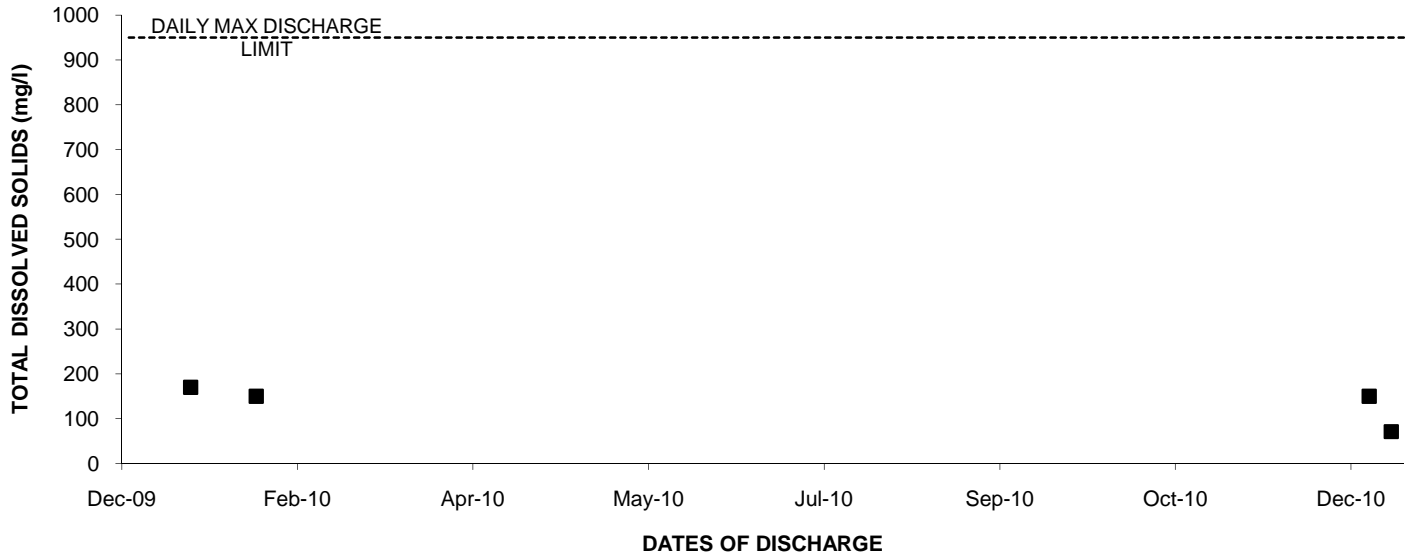
2010: Outfall 001 TEMPERATURE



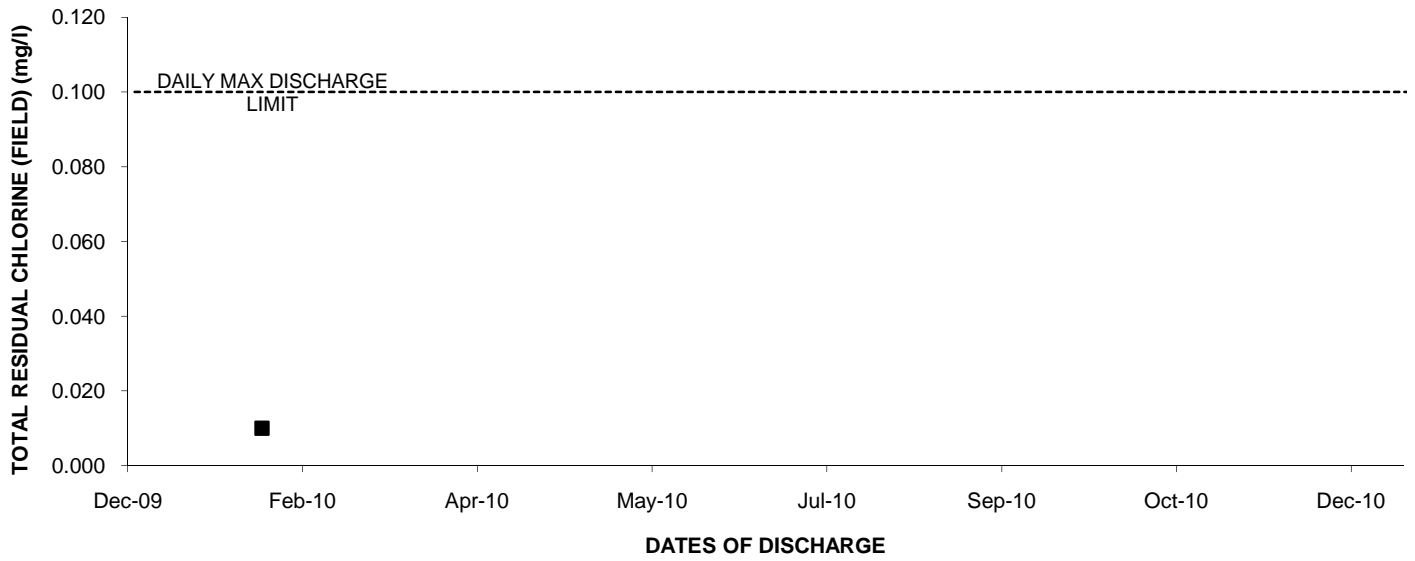
2010: Outfall 001 TOTAL CYANIDE



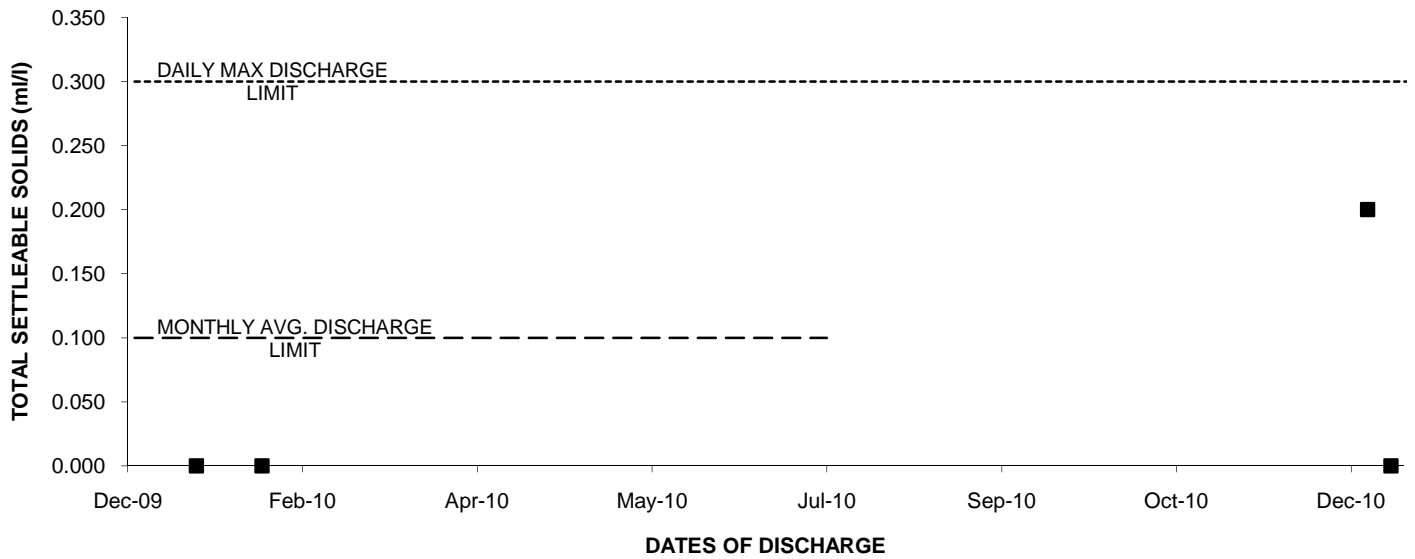
2010: Outfall 001 TOTAL DISSOLVED SOLIDS



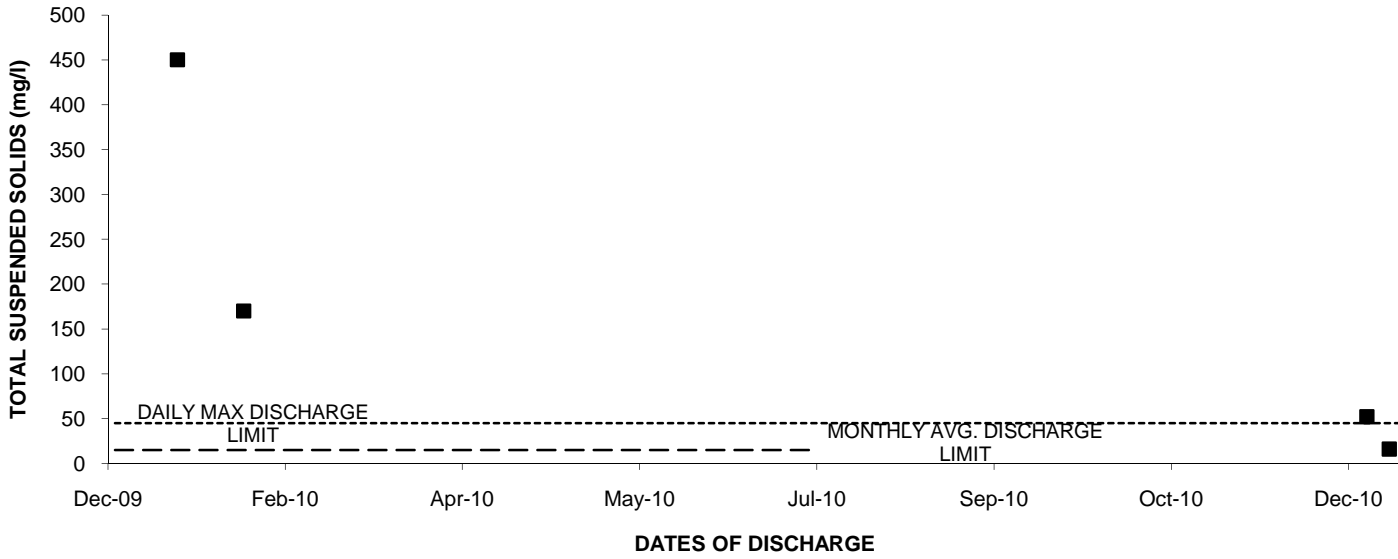
2010: Outfall 001 TOTAL RESIDUAL CHLORINE (FIELD)



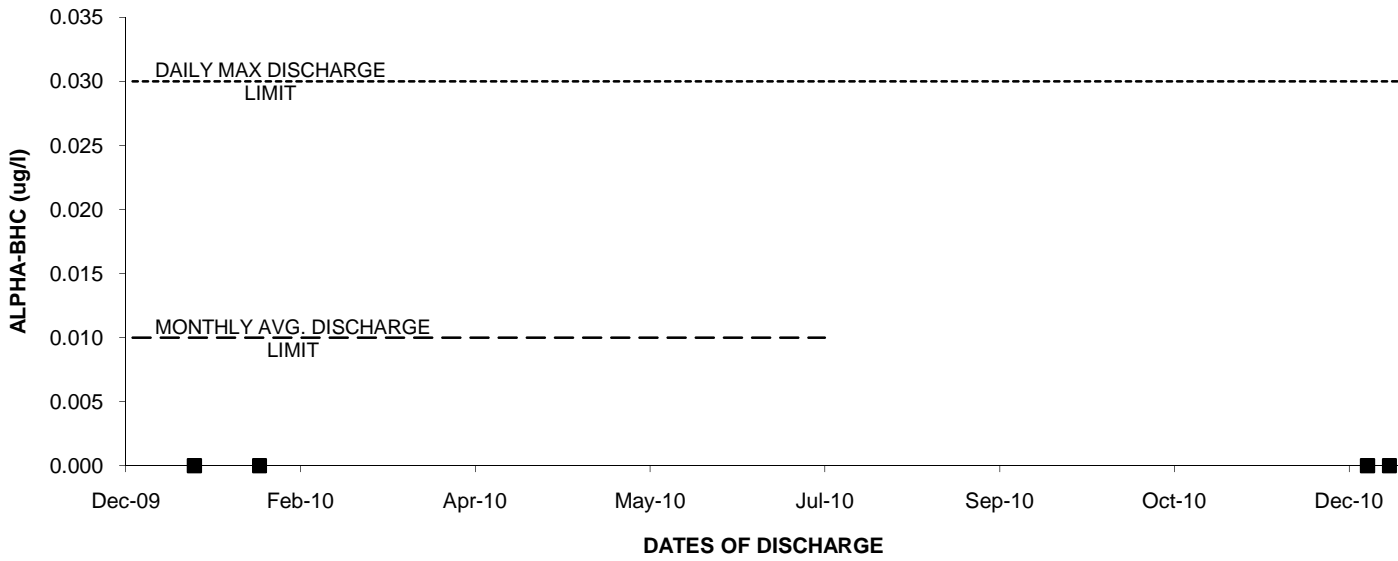
2010: Outfall 001 TOTAL SETTLEABLE SOLIDS



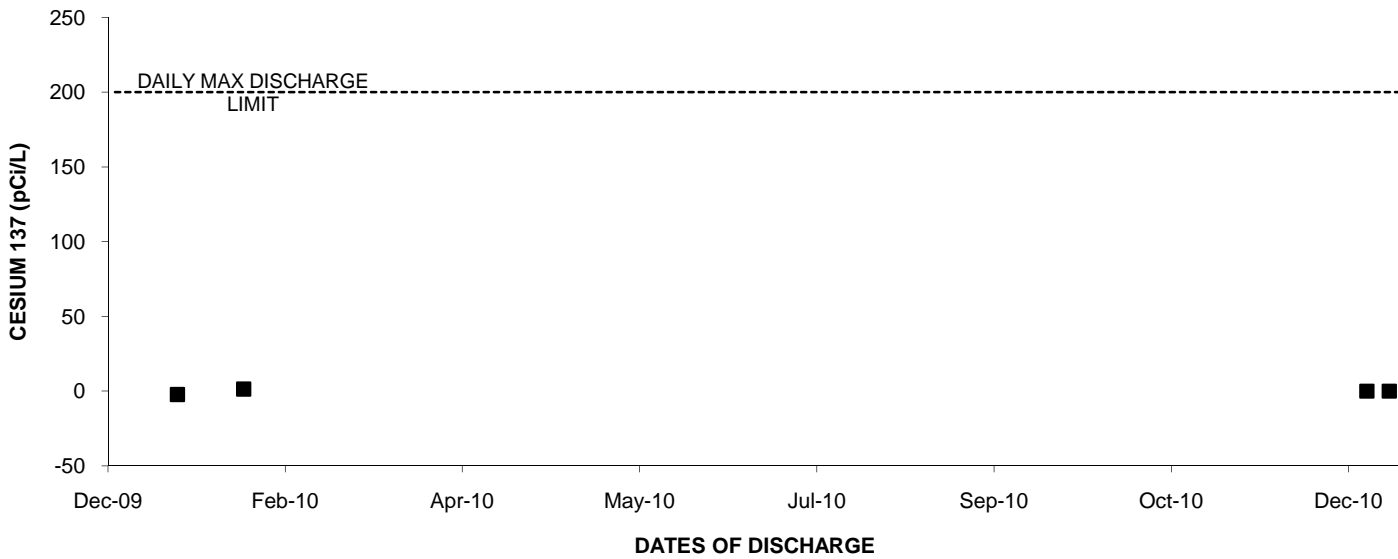
2010: Outfall 001 TOTAL SUSPENDED SOLIDS



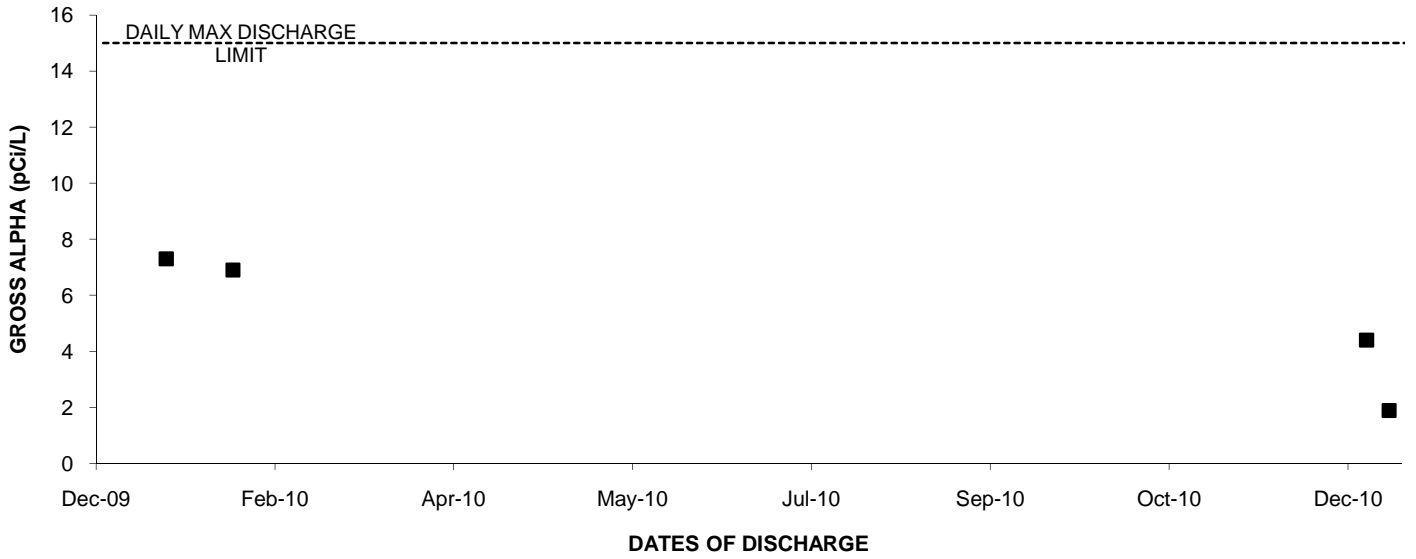
2010: Outfall 001 ALPHA-BHC



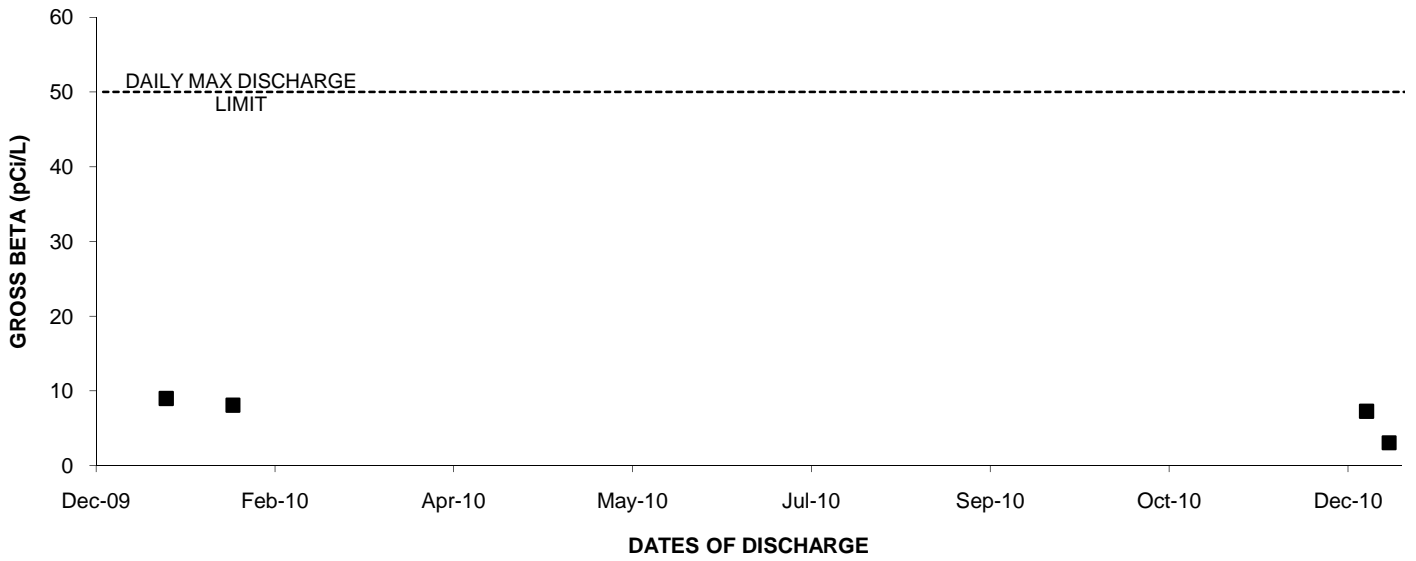
2010: Outfall 001 CESIUM 137



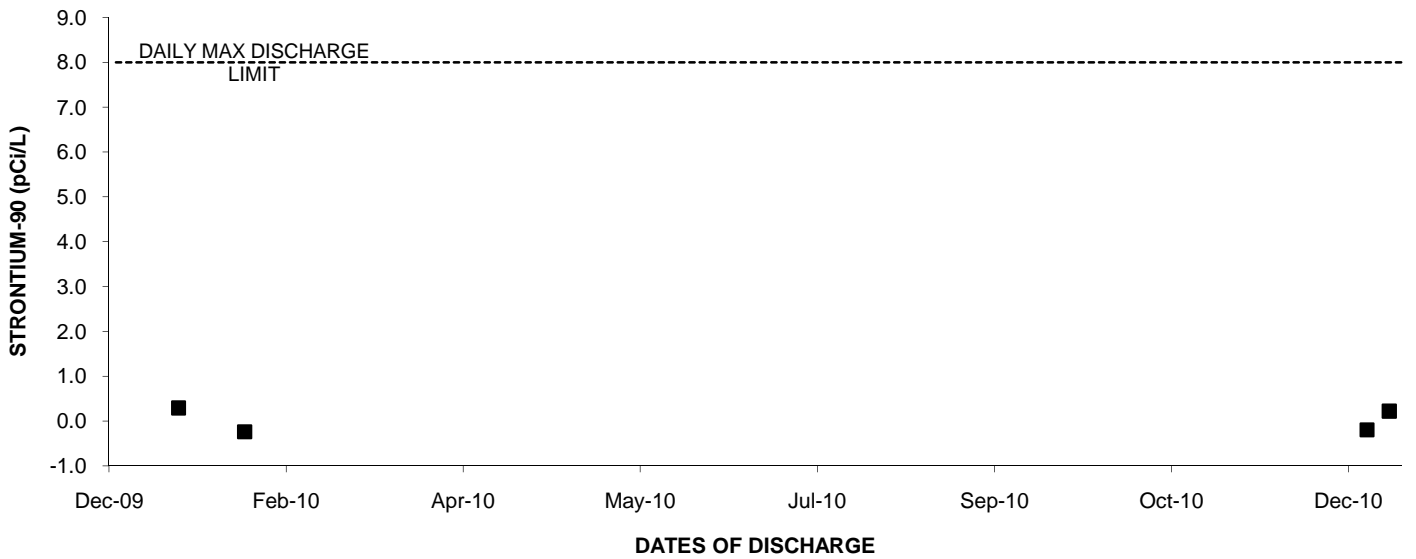
2010: Outfall 001 GROSS ALPHA



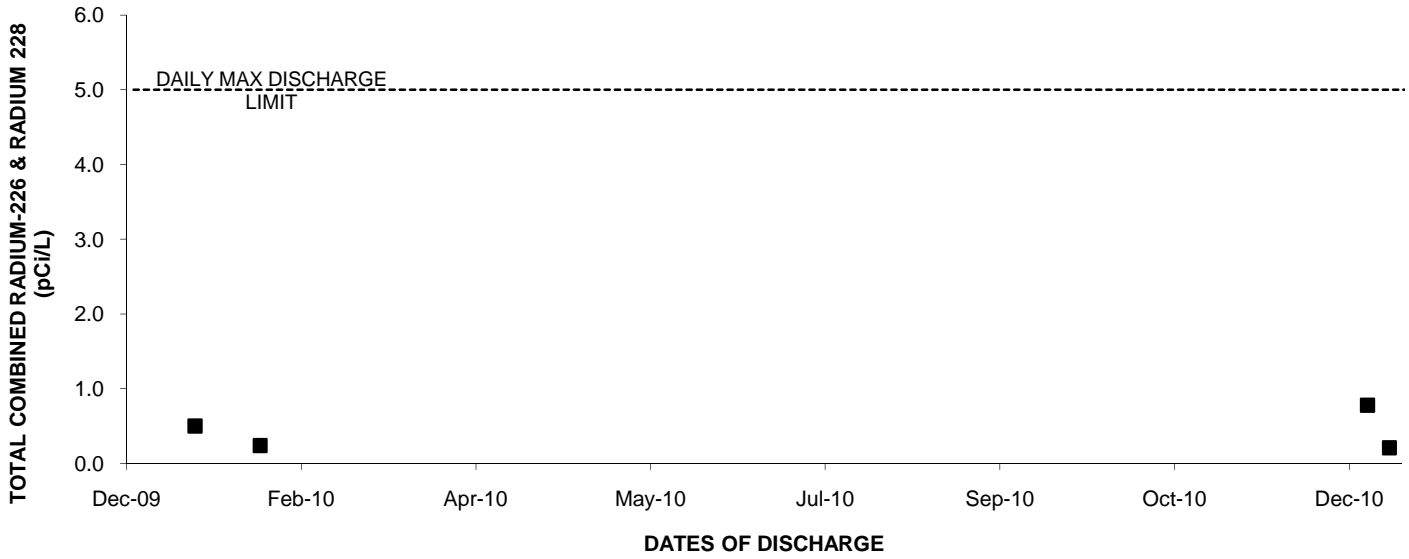
2010: Outfall 001 GROSS BETA



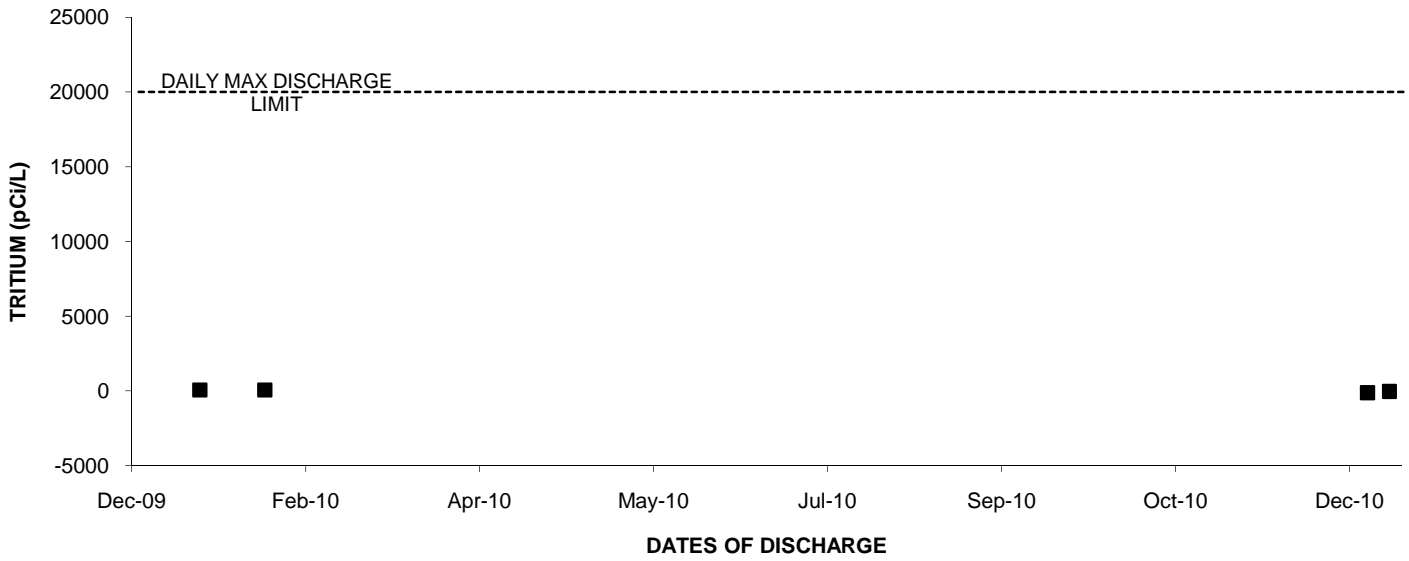
2010: Outfall 001 STRONTIUM-90



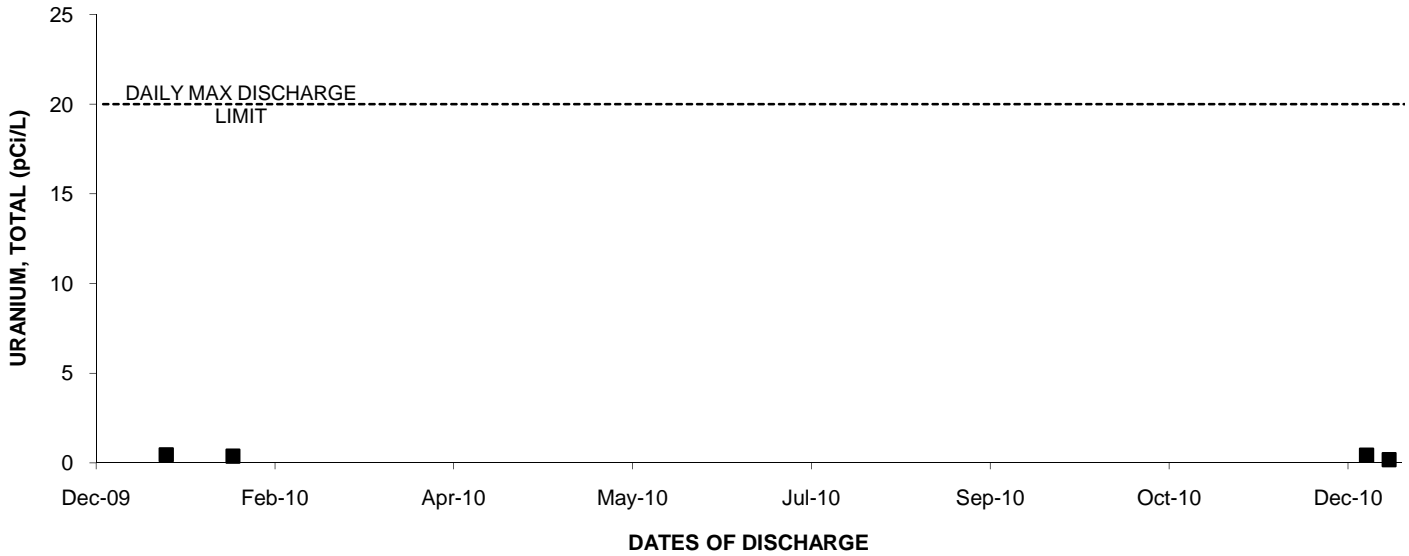
2010: Outfall 001 TOTAL COMBINED RADIUM-226 & RADIUM 228



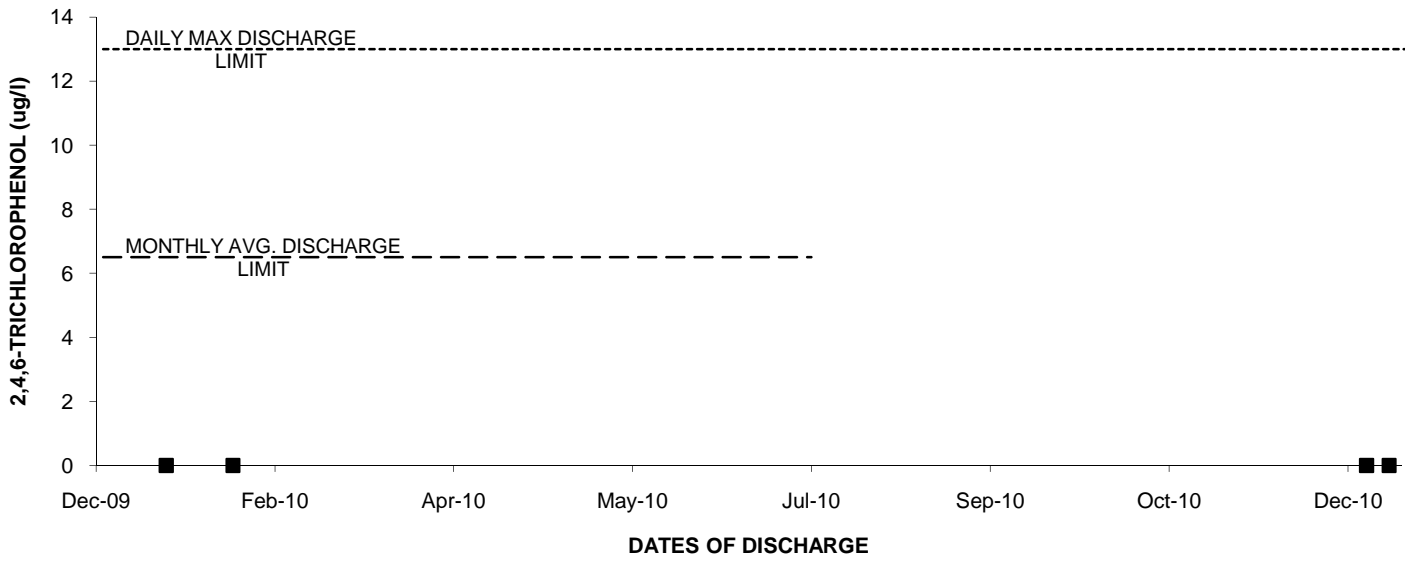
2010: Outfall 001 TRITIUM



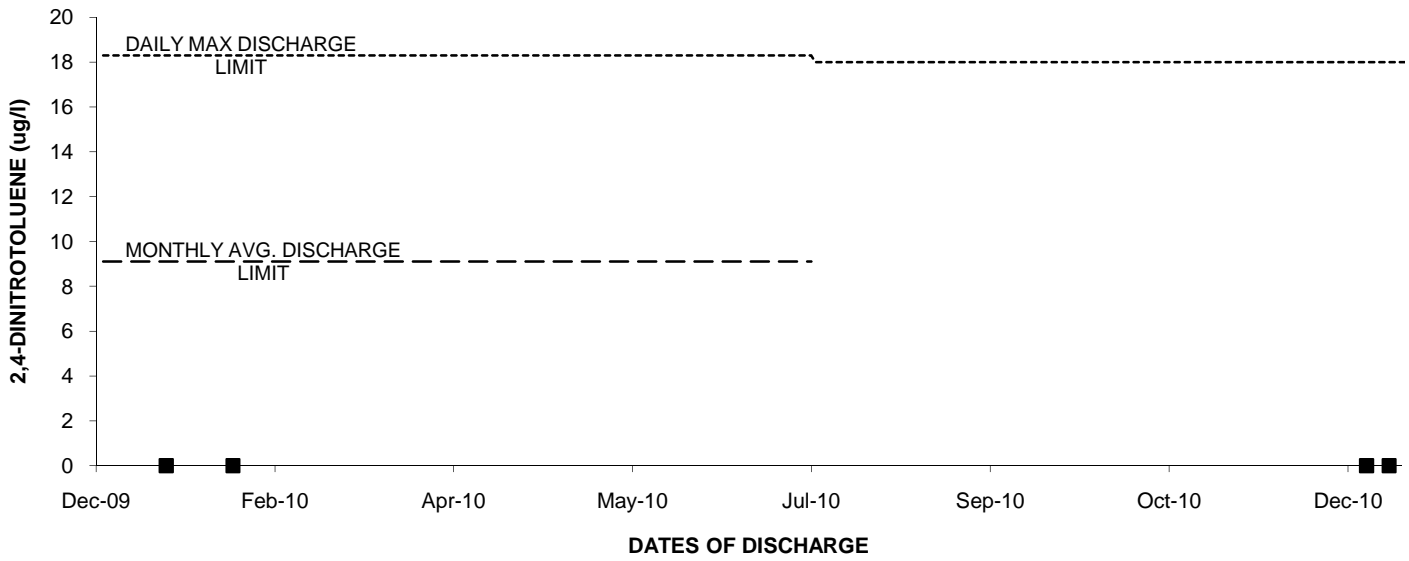
2010: Outfall 001 URANIUM, TOTAL



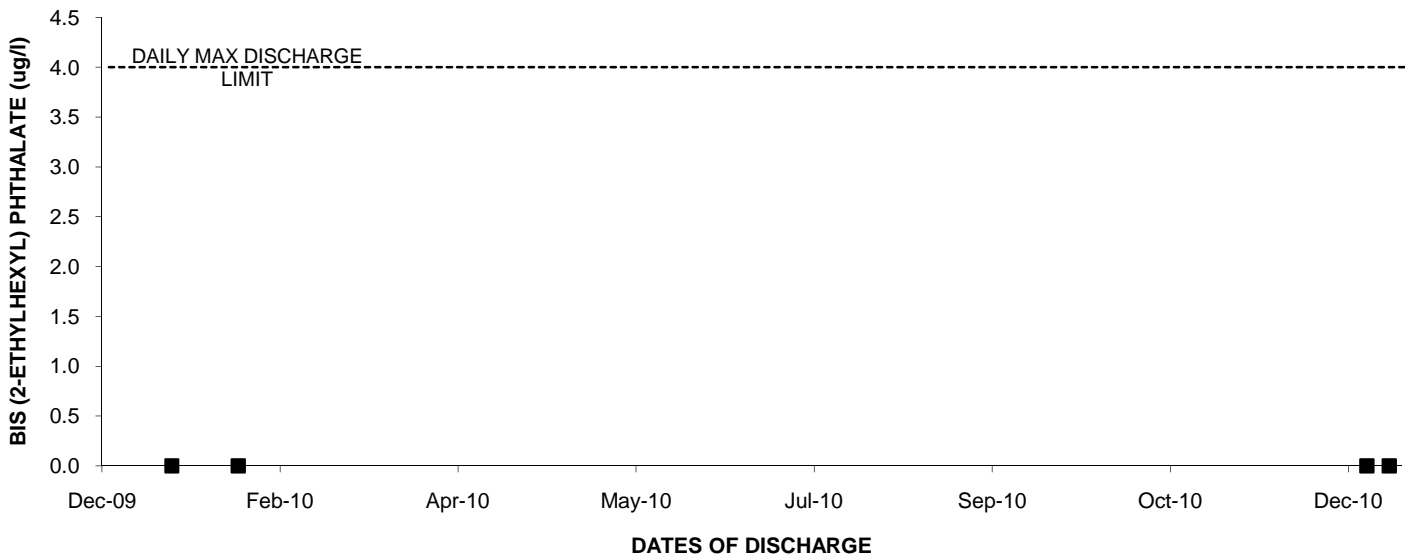
2010: Outfall 001 2,4,6-TRICHLOROPHENOL



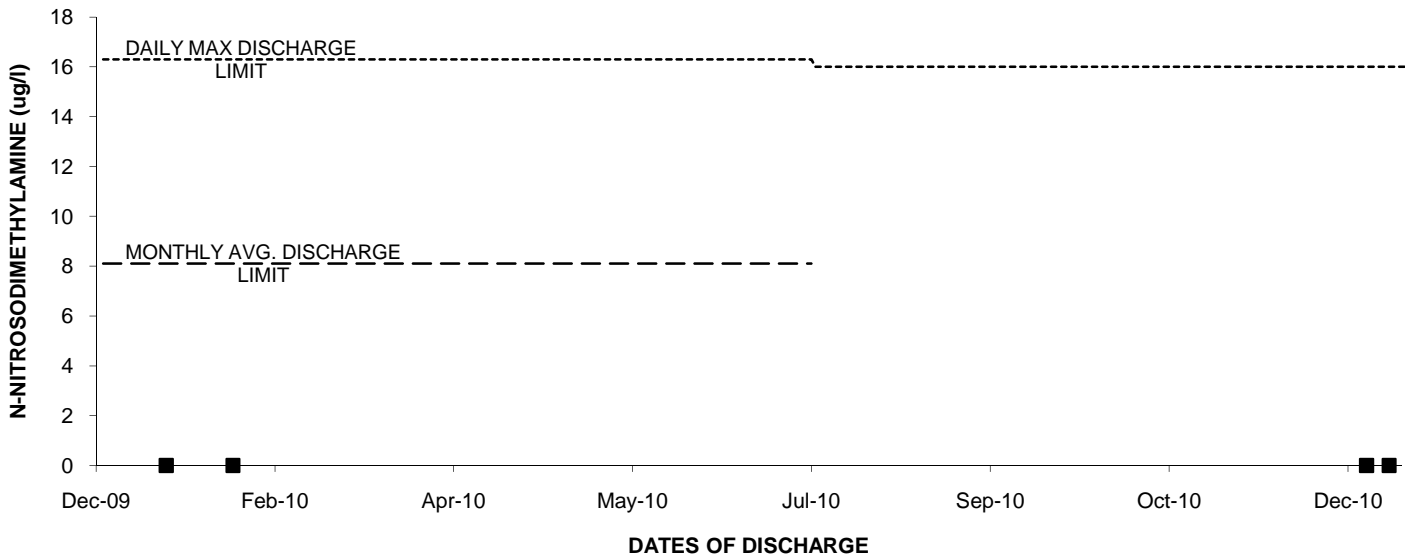
2010: Outfall 001 2,4-DINITROTOLUENE



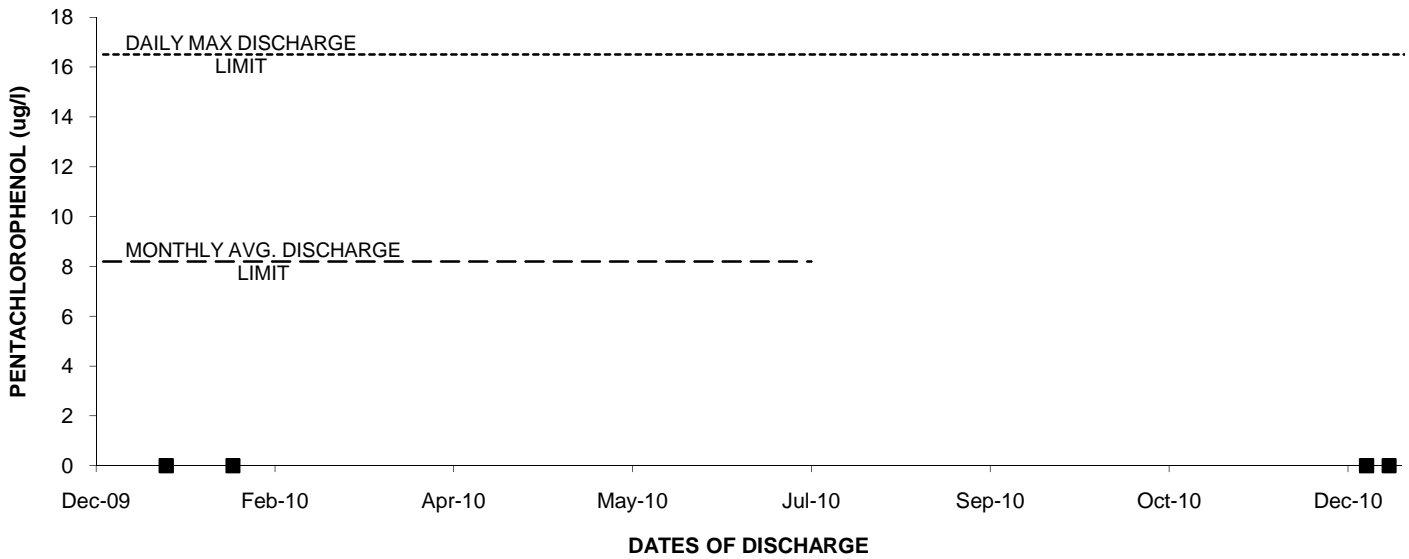
2010: Outfall 001 BIS (2-ETHYLHEXYL) PHTHALATE



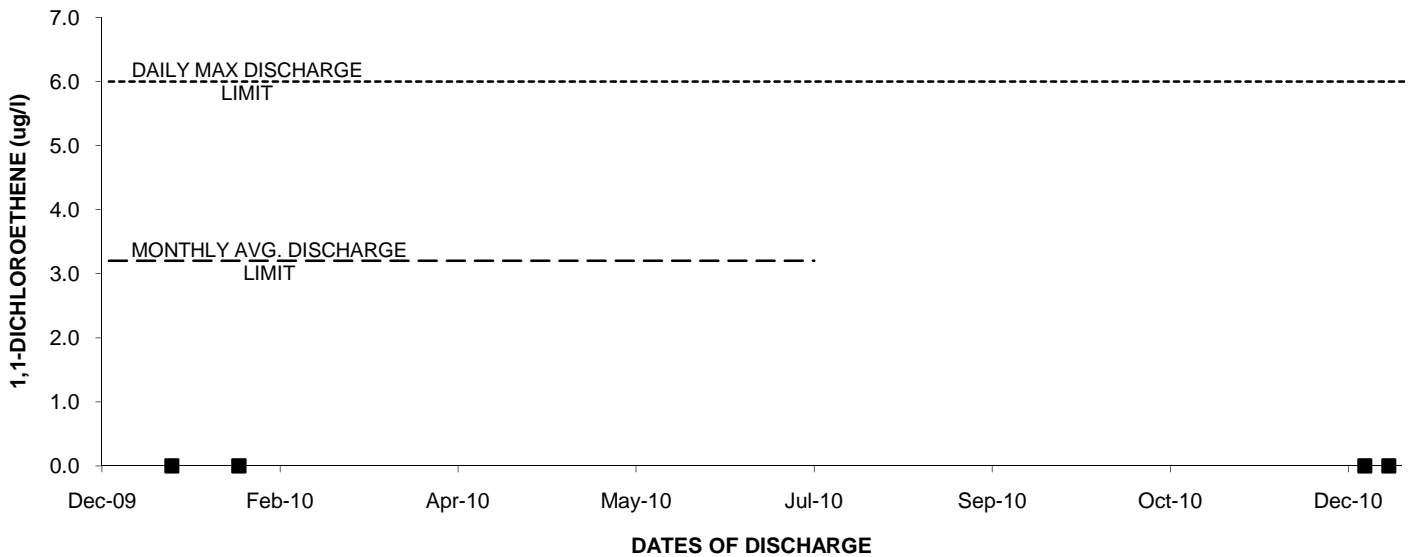
2010: Outfall 001 N-NITROSODIMETHYLAMINE



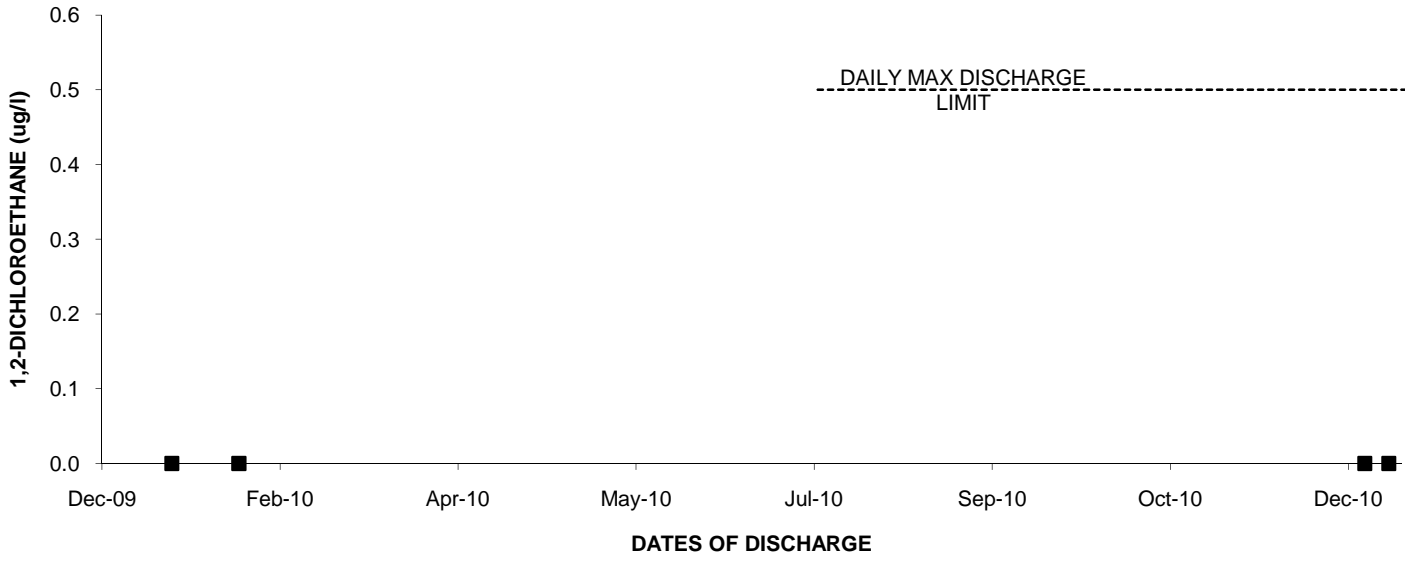
2010: Outfall 001 PENTACHLOROPHENOL



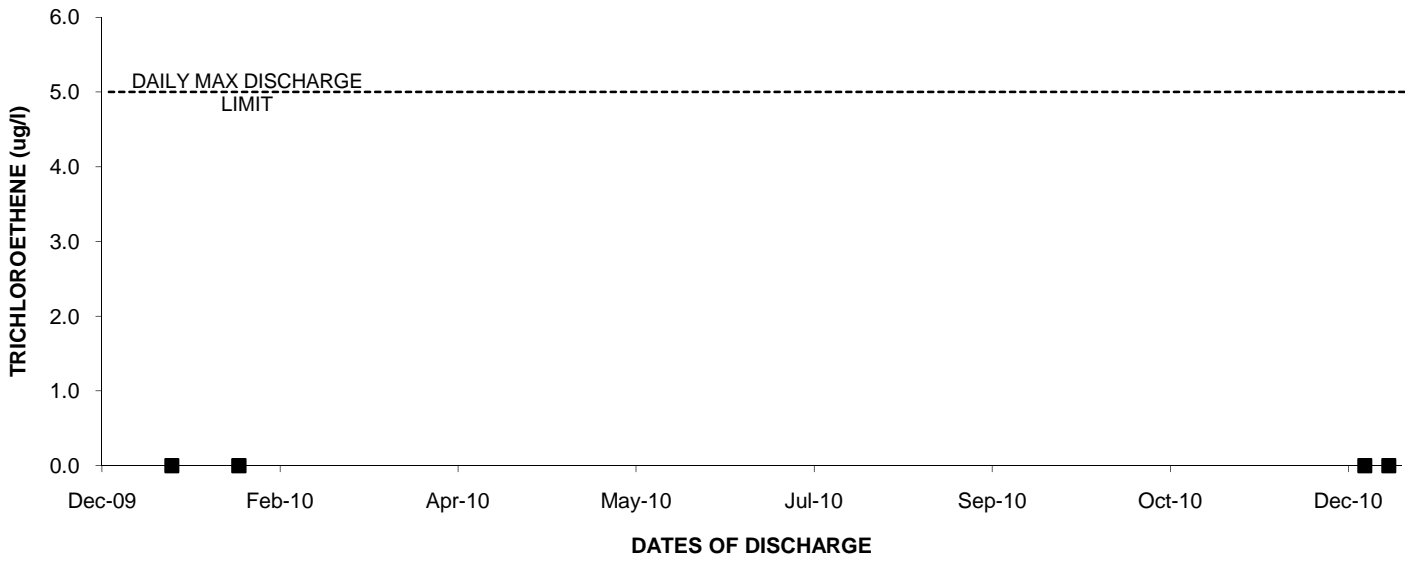
2010: Outfall 001 1,1-DICHLOROETHENE



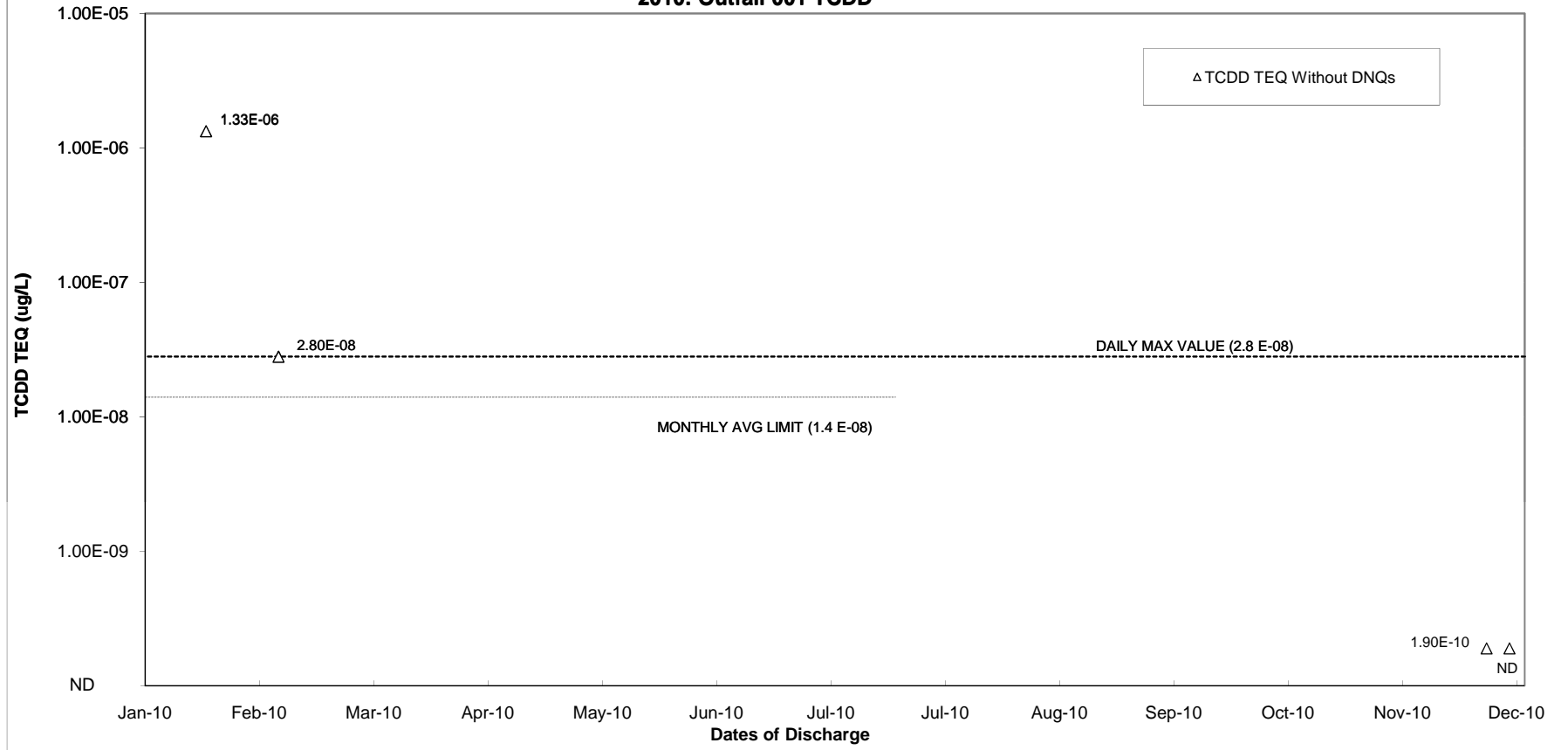
2010: Outfall 001 1,2-DICHLOROETHANE



2010: Outfall 001 TRICHLOROETHENE



2010: Outfall 001 TCDD



THIS PAGE LEFT INTENTIONALLY BLANK