

SECTION 3

OUTFALL 006 (FSDF-2)
ANNUAL 2011 REPORTING SUMMARY

OUTFALL 006 (FSDF-2)

**ANNUAL QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	7.5	*
E. Coli	MPN/100 ml	-/-	Grab	300	*
Fecal Coliform	MPN/100 ml	-/-	Grab	300	*
Fluoride	mg/L	1.6/-	Comp	0.21	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.81	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.6	*
Sulfate	mg/L	250/-	Comp	3.8	*
Temperature	deg. F	86/-	Grab	46	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	140	*
Hardness	mg/L	-/-	Comp	54	--
Hardness, dissolved	mg/L	-/-	Comp	47	--
Total Suspended Solids	mg/L	-/-	Comp	37	--
Volume Discharged	MGD	17.8/-	Meas	0.00583	*
METALS					
Aluminum	ug/L	-/-	Comp	3900	--
Aluminum, dissolved	ug/L	-/-	Comp	55	--
Antimony	ug/L	6.0/-	Comp	0.39	J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*
Arsenic	ug/L	-/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	Comp	0.025	J (DNQ)
Boron, dissolved	mg/L	-/-	Comp	0.028	J (DNQ)
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	Comp	18	--
Calcium, Dissolved	mg/L	-/-	Comp	16	--
Chromium	ug/L	-/-	Comp	5.2	--
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	Grab	ND < 0.250	*
Copper	ug/L	14/-	Comp	4.34	*
Copper, dissolved	ug/L	-/-	Comp	1.92	J* (DNQ)
Iron	mg/L	-/-	Comp	3.3	--
Iron, dissolved	mg/L	-/-	Comp	0.037	J (DNQ)
Lead	ug/L	5.2/-	Comp	2.3	*
Lead, dissolved	ug/L	-/-	Comp	0.27	J* (DNQ)

OUTFALL 006 (FSD-2)

**ANNUAL QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	Comp	2.4	--
Magnesium, Dissolved	mg/L	-/-	Comp	1.5	--
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	Comp	3.3	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Selenium	ug/L	-/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	-/-	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	Comp	ND < 6.0	U
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	8.2	J (DNQ)
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	-/-	Comp	15	J (DNQ)
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.0	U
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	-/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	Grab	ND < 0.42	*
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	-/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Vinyl chloride	ug/L	-/-	Grab	ND < 0.40	*
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 2.36	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.83	*
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 2.36	*
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.83	*

OUTFALL 006 (FSDF-2)

**ANNUAL QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.36	*
2,4,6-Trichlorophenol	ug/L	-/-	Comp	ND < 4.25	*
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 3.30	*
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 3.30	*
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 7.55	*
2,4-Dinitrotoluene	ug/L	-/-	Comp	ND < 3.30	*
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 1.89	*
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.83	*
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.83	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.77	*
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.30	*
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.08	*
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0038	C*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0028	C*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.83	*
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.36	*
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.36	*
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.19	*
Acenaphthene	ug/L	-/-	Comp	ND < 2.83	*
Acenaphthylene	ug/L	-/-	Comp	ND < 2.83	*
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	--
Aldrin	ug/L	-/-	Comp	ND < 0.0014	C*
alpha-BHC	ug/L	-/-	Comp	ND < 0.0024	C*
Anthracene	ug/L	-/-	Comp	ND < 2.36	*
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*
Benzidine	ug/L	-/-	Comp	ND < 9.43	L6*
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.36	*
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.83	*
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.89	*
Benzo(g,h,l)perylene	ug/L	-/-	Comp	ND < 3.77	*

OUTFALL 006 (FSDF-2)

**ANNUAL QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.36	*
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.83	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.77	*
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.83	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.36	*
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.77	*
Chlordane	ug/L	-/-	Comp	ND < 0.075	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	Comp	ND < 0.010	U
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	Comp	ND < 2.36	*
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*
delta-BHC	ug/L	-/-	Comp	ND < 0.0033	C*
Diazinon	ug/L	-/-	Comp	ND < 0.10	U
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.83	*
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	Comp	ND < 0.0019	C*
Diethylphthalate	ug/L	-/-	Comp	ND < 3.30	*
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.36	*
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.83	*
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.30	*
Endosulfan I	ug/L	-/-	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	Comp	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0028	C*
Endrin	ug/L	-/-	Comp	ND < 0.0019	C*
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0019	*
Fluoranthene	ug/L	-/-	Comp	ND < 2.83	*
Fluorene	ug/L	-/-	Comp	ND < 2.83	*
Heptachlor	ug/L	-/-	Comp	ND < 0.0028	C*
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.83	*
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.77	*
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.72	*
Hexachloroethane	ug/L	-/-	Comp	ND < 3.30	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.30	*

OUTFALL 006 (FSDF-2)

**ANNUAL QUARTER 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	Comp	ND < 2.83	*
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0028	C*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Naphthalene	ug/L	-/-	Comp	ND < 2.83	*
Nitrobenzene	ug/L	-/-	Comp	ND < 2.83	*
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.36	*
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.30	*
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.89	*
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.30	*
Phenanthrene	ug/L	-/-	Comp	ND < 3.30	*
Phenol	ug/L	-/-	Comp	ND < 1.89	*
Pyrene	ug/L	-/-	Comp	ND < 3.77	*
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*

OUTFALL 006 (FSDF-2)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 21, 2011**

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	3.80E-06	5.00E-05	5.10E-05	--	0.01	0.05	2.55E-08
1,2,3,4,6,7,8-HpCDF	4.40E-06	5.70E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	6.50E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.70E-06	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.60E-06	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	2.50E-06	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.20E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.60E-06	5.00E-05	1.30E-06	J (DNQ)	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.60E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	9.30E-06	1.00E-04	5.90E-04	--	0.0001	0.01	5.90E-10
OCDF	3.80E-06	1.00E-04	ND	UJ (*III)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.61E-08
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

ANNUAL 2011 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/21/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	2.03 ± 0.52	0.423	J (C, DNQ)
Gross Beta	pCi/L	50/-	10.9 ± 0.81	0.856	--
Strontium-90	pCi/L	8.0/-	-0.24 ± 0.25	0.725	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.62 ± 0.85	1.41	U
Tritium	pCi/L	20000/-	-86.9 ± 97	168	U
Uranium, Total	pCi/L	20/-	0.354 ± 0.042	0.02	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 22.1	22.1	U
Cesium 137	pCi/L	200/-	ND < 1.61	1.61	U

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

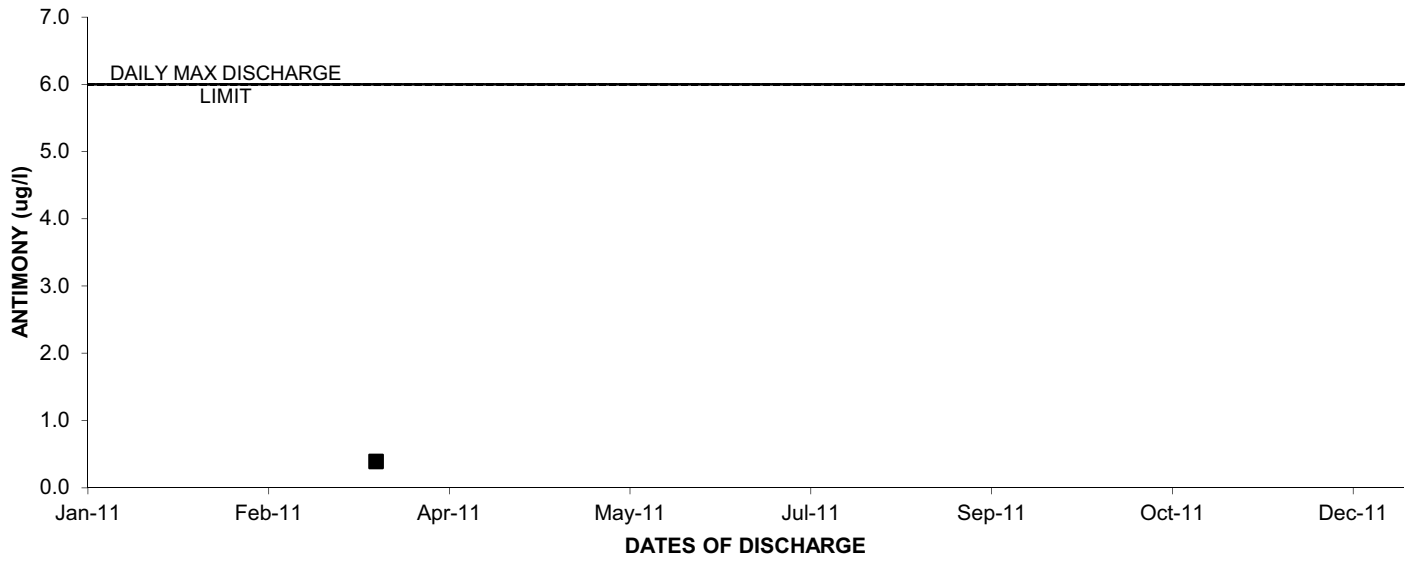
OUTFALL 006 (FSDF-2)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

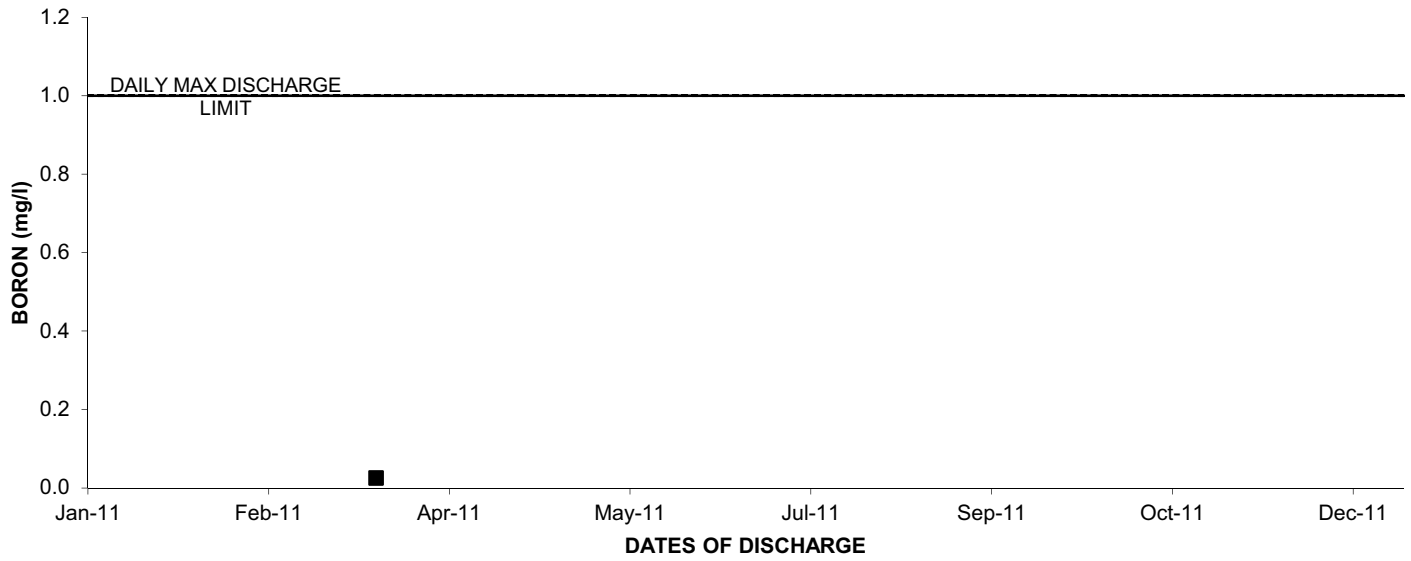
January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.163635	
Chloride	LBS/DAY	22,268/-	Comp	10.24	*
Fluoride	LBS/DAY	238/-	Comp	0.29	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	1.11	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	U
Sulfate	LBS/DAY	37,113/-	Comp	5.19	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	191.06	*
Antimony	LBS/DAY	0.89/-	Comp	0.00053	J* (DNQ)
Boron	LBS/DAY	148/-	Comp	0.03	J (DNQ)
Copper	LBS/DAY	2.1/-	Comp	0.01	*
Lead	LBS/DAY	0.77/-	Comp	0.003	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	Comp	0.005	J (DNQ)
Thallium	LBS/DAY	0.3/-	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	3.56E-11	--

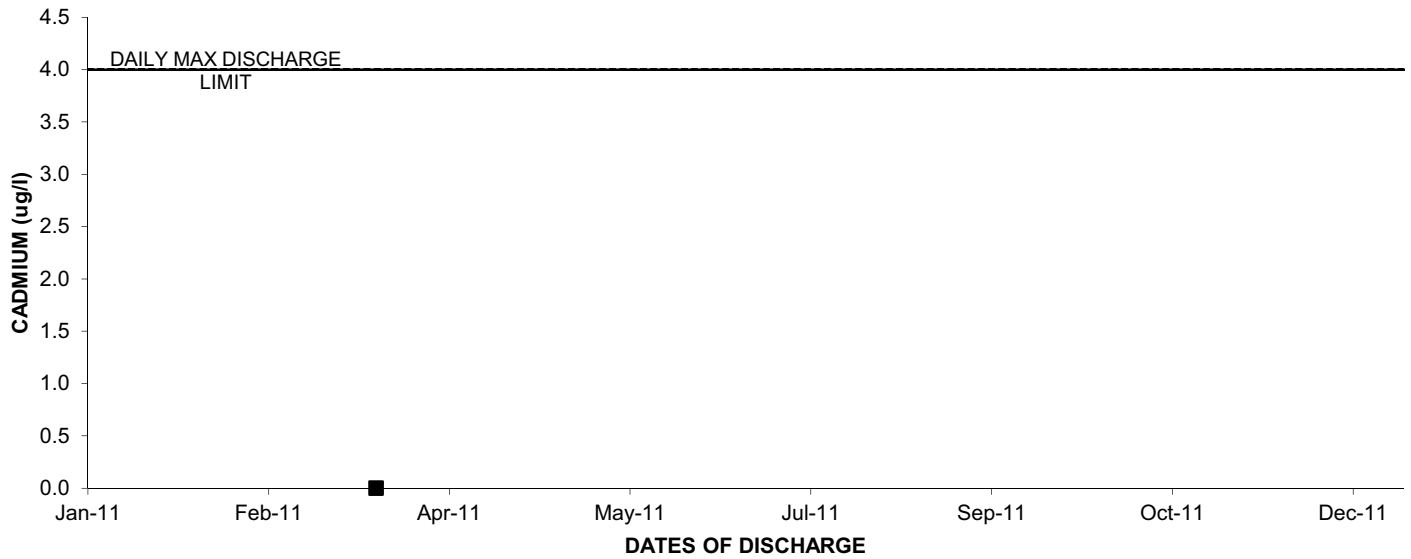
2011: OUTFALL 006 ANTIMONY



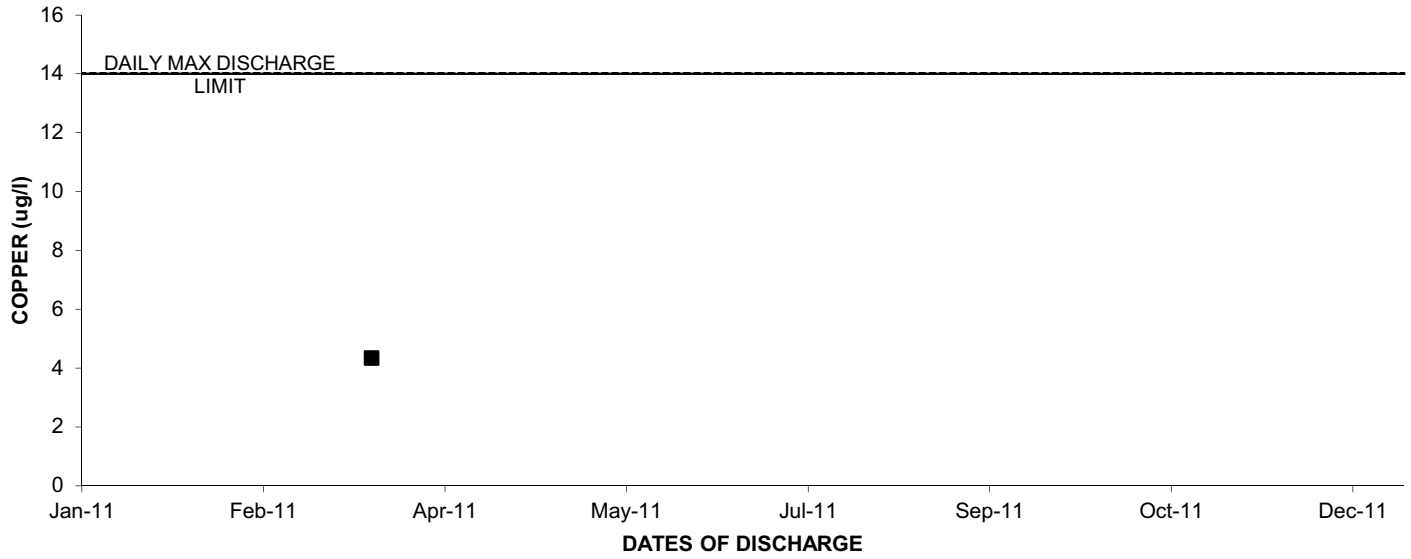
2011: OUTFALL 006 BORON



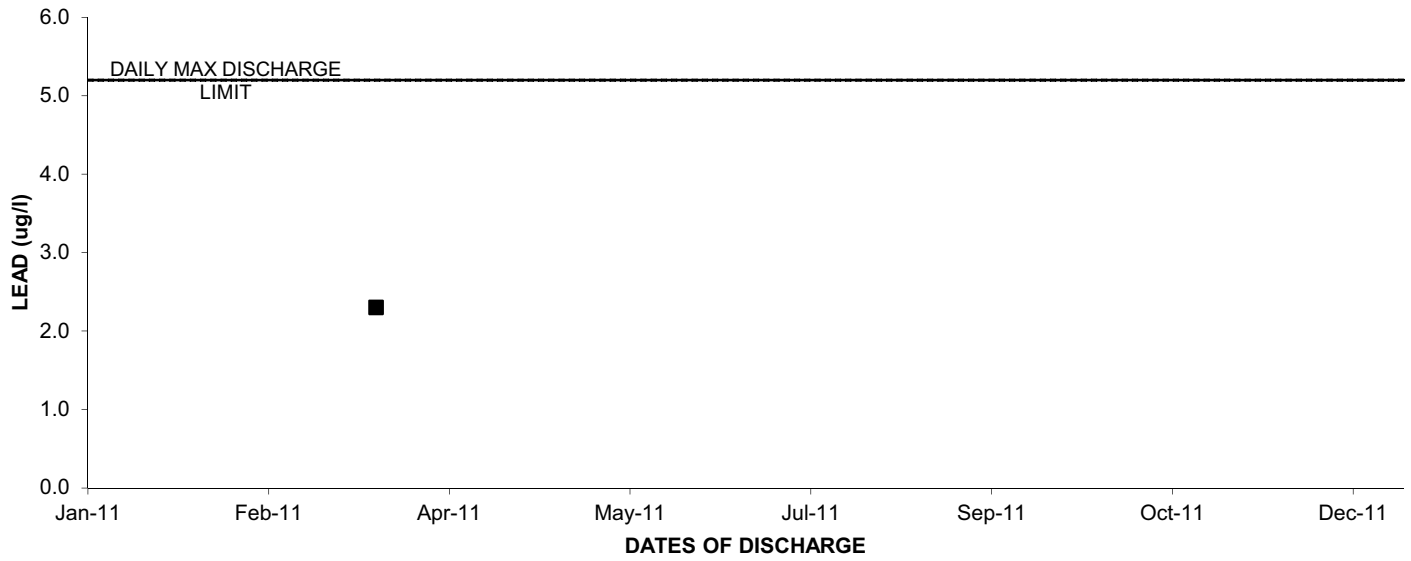
2011: OUTFALL 006 CADMIUM



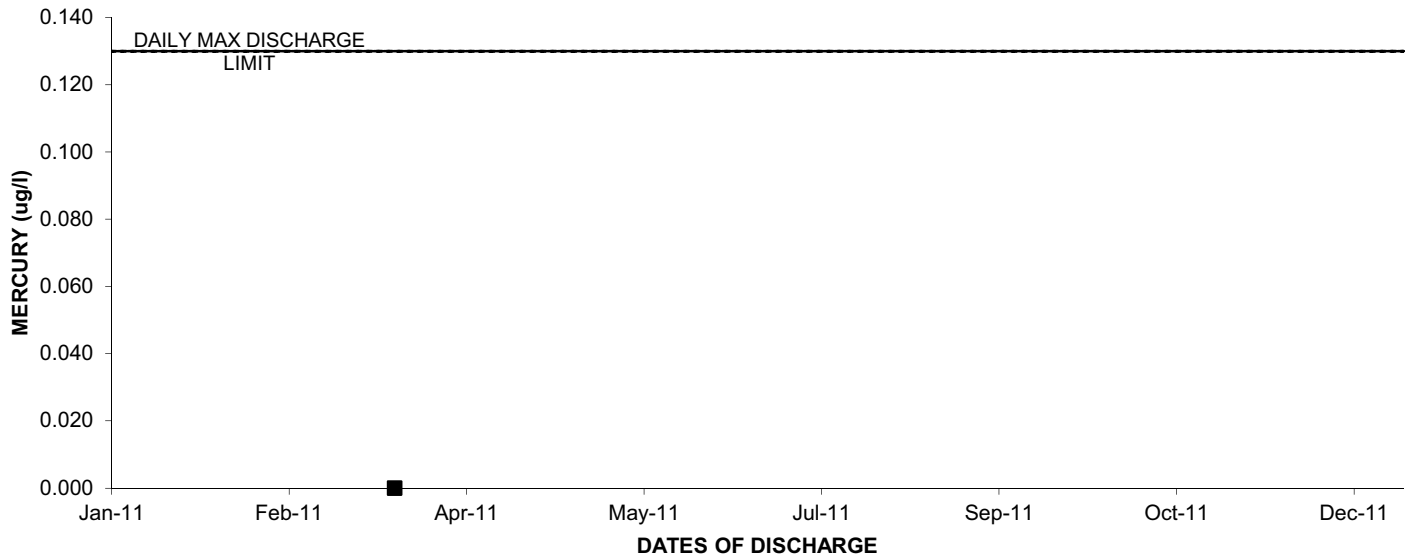
2011: OUTFALL 006 COPPER



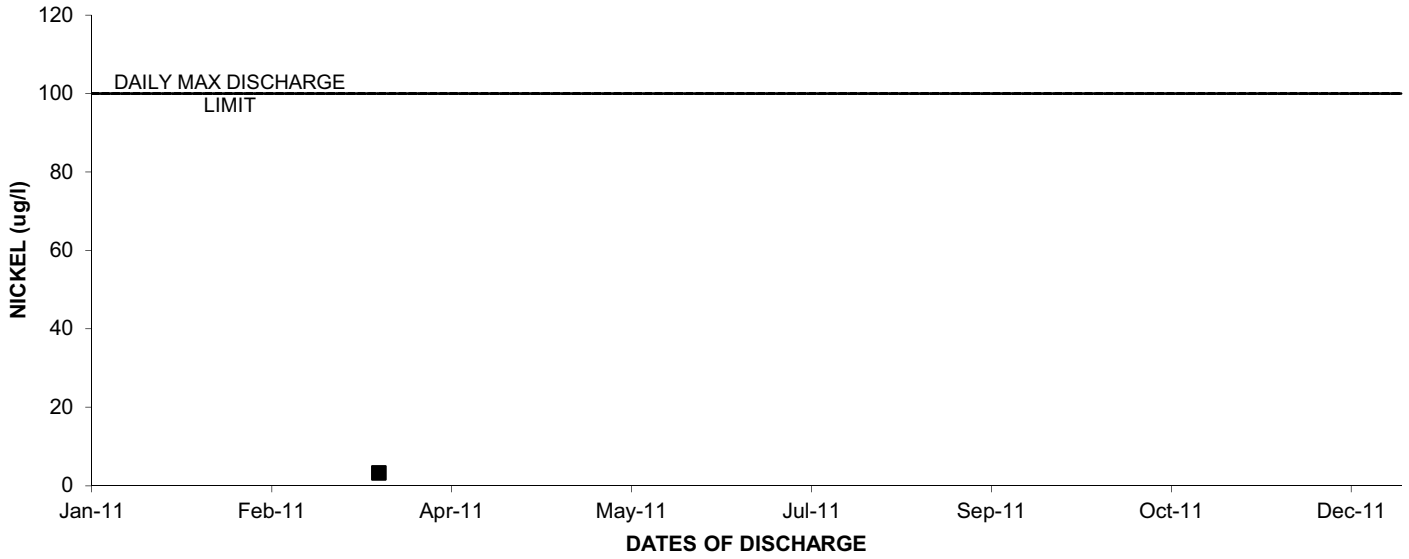
2011: OUTFALL 006 LEAD



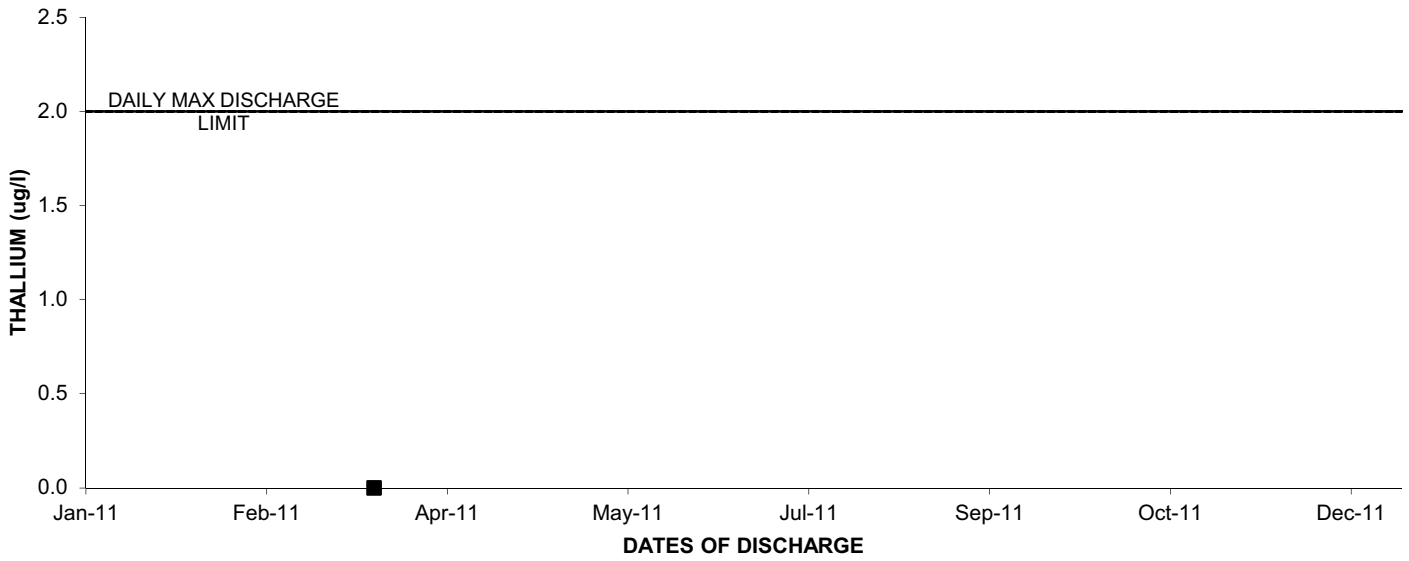
2011: OUTFALL 006 MERCURY



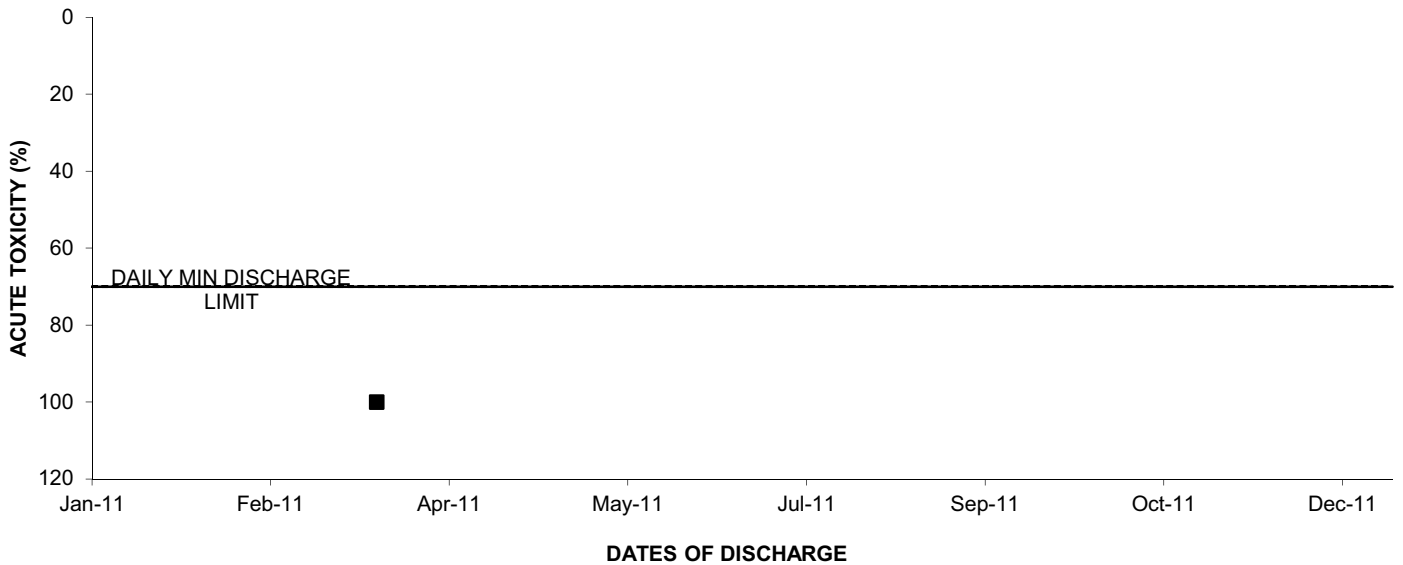
2011: OUTFALL 006 NICKEL



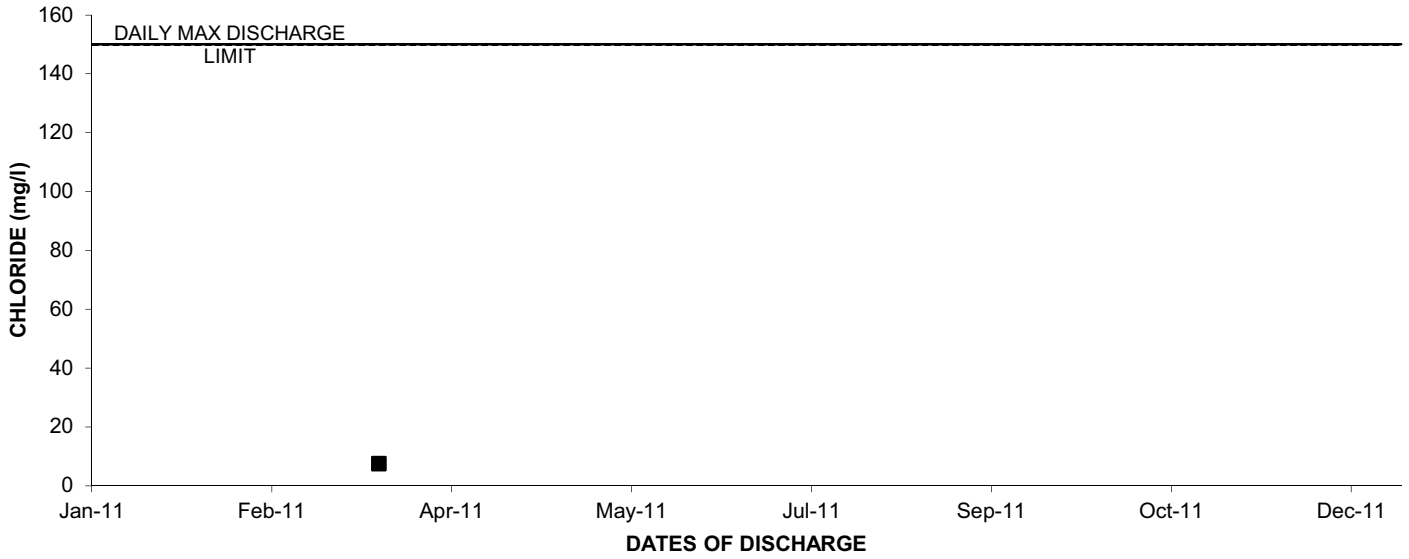
2011: OUTFALL 006 THALLIUM



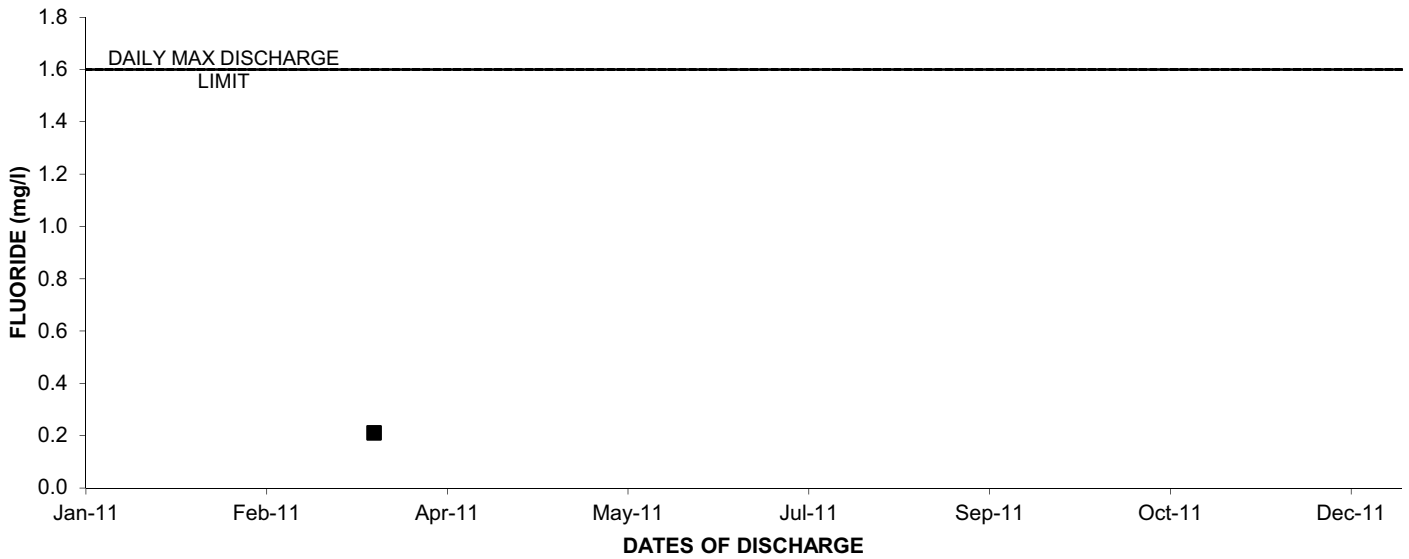
2011: OUTFALL 006 ACUTE TOXICITY



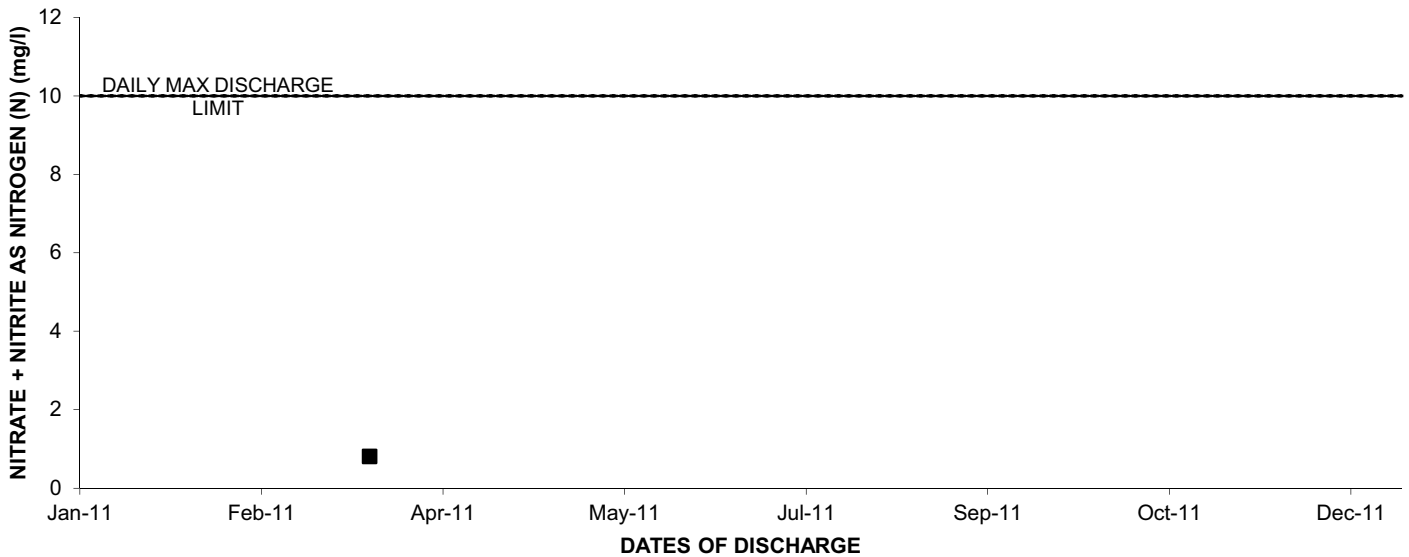
2011: OUTFALL 006 CHLORIDE



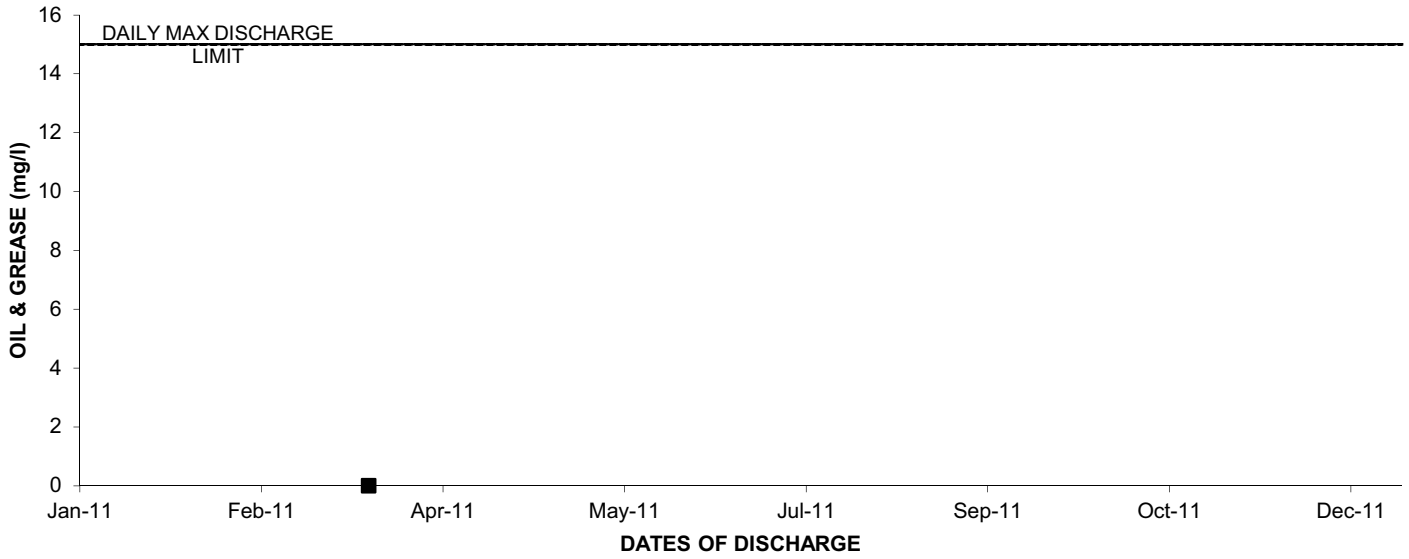
2011: OUTFALL 006 FLUORIDE



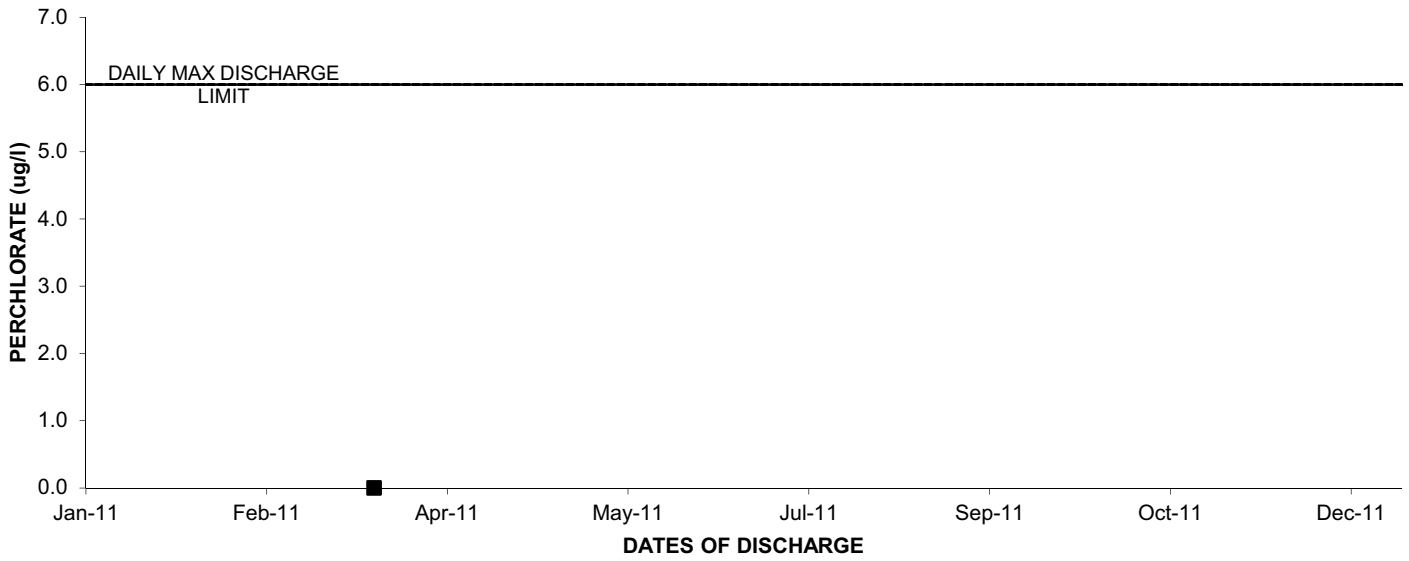
2011: OUTFALL 006 NITRATE + NITRITE AS NITROGEN (N)



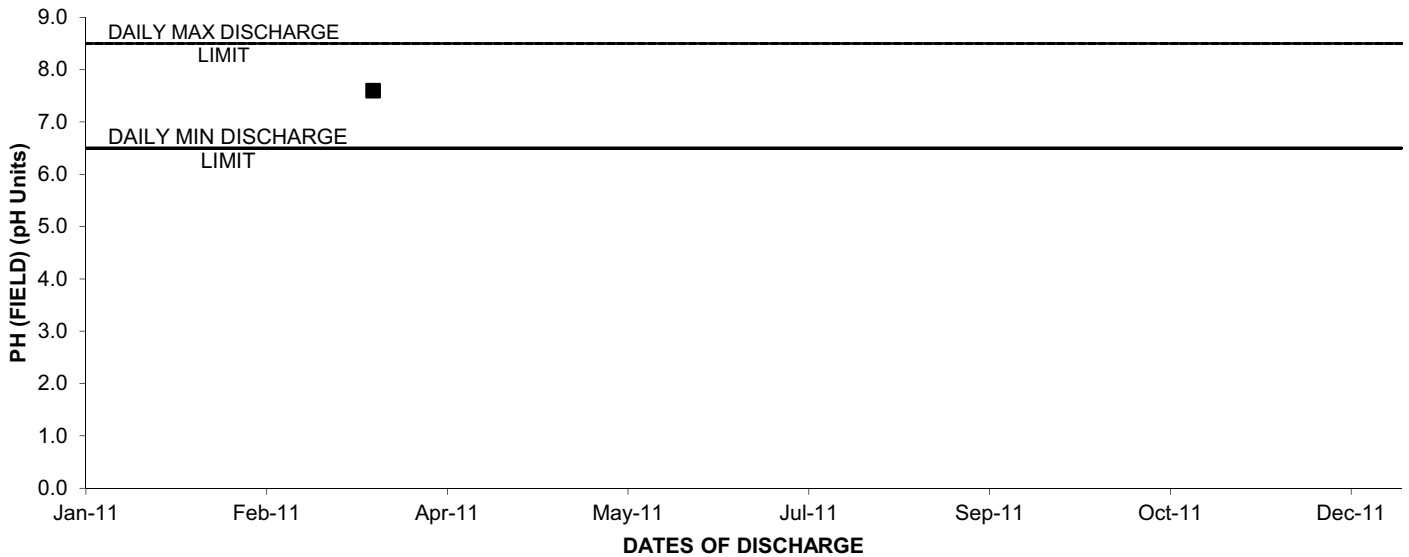
2011: OUTFALL 006 OIL & GREASE



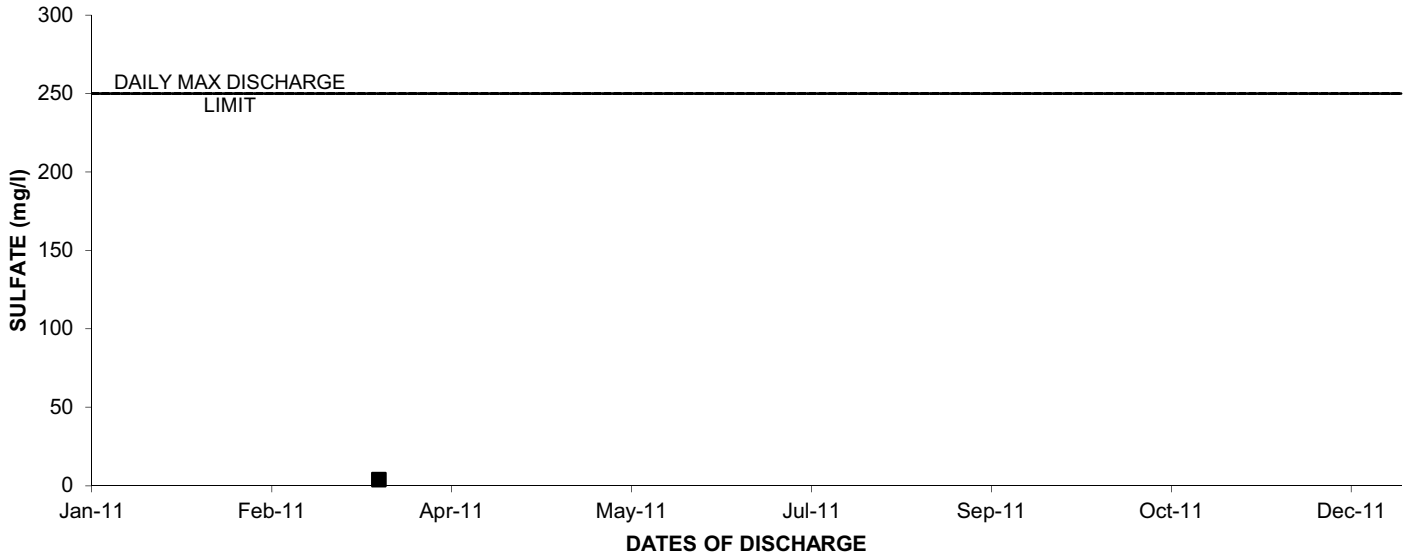
2011: OUTFALL 006 PERCHLORATE



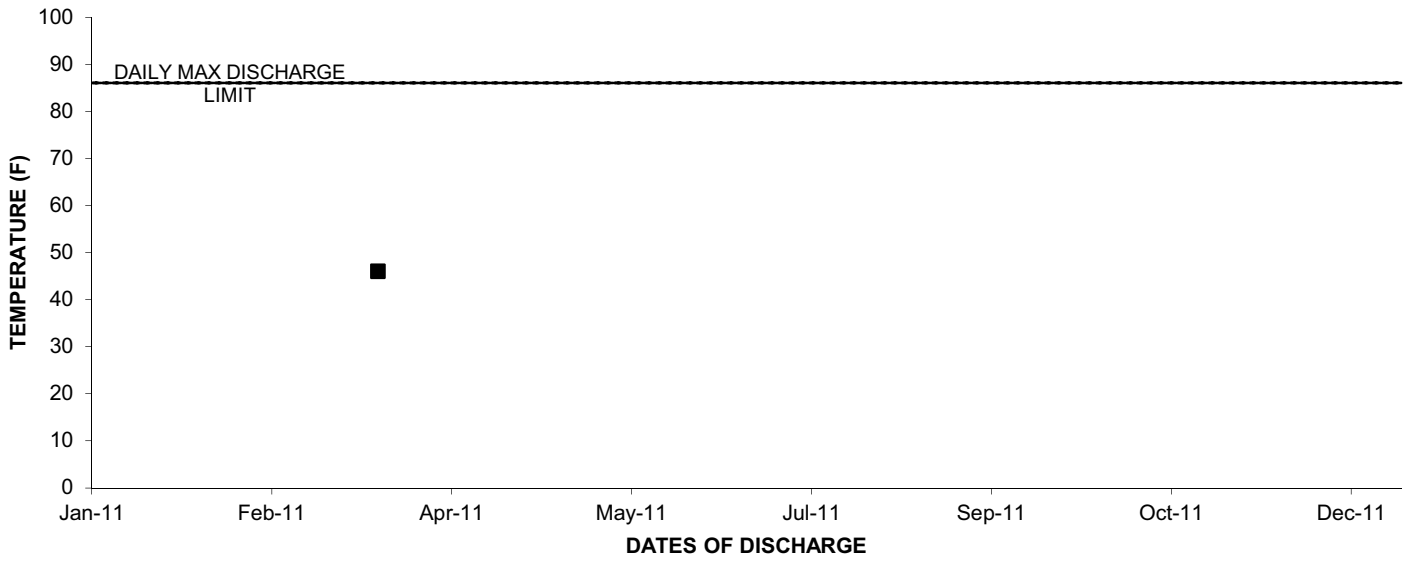
2011: OUTFALL 006 PH (FIELD)



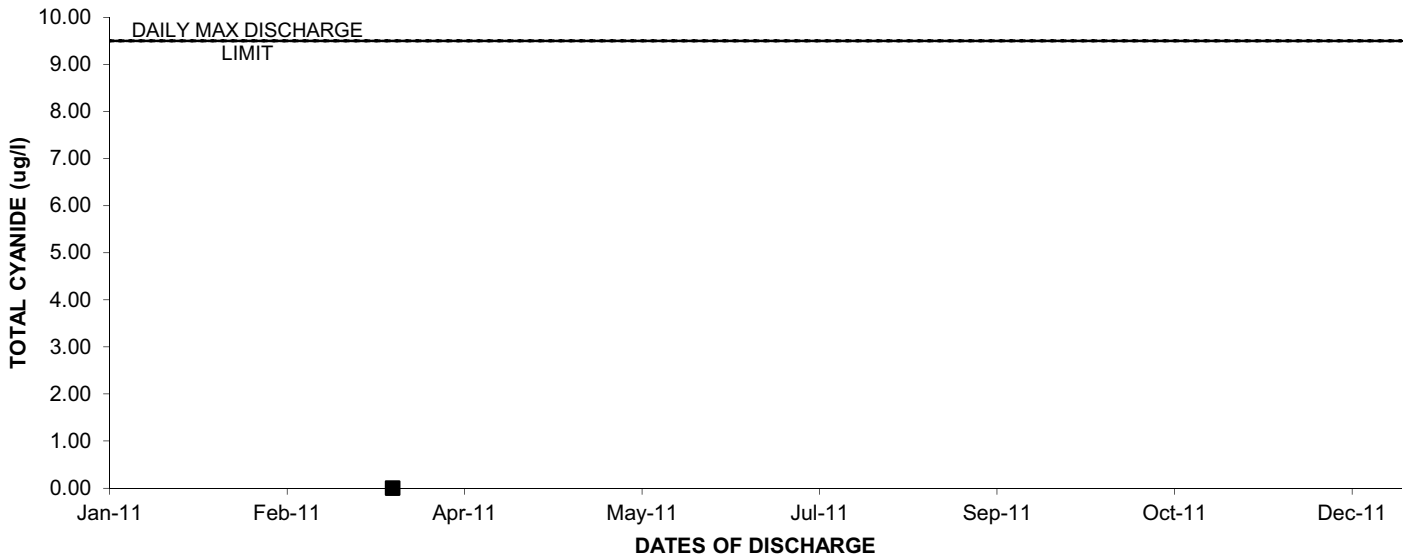
2011: OUTFALL 006 SULFATE



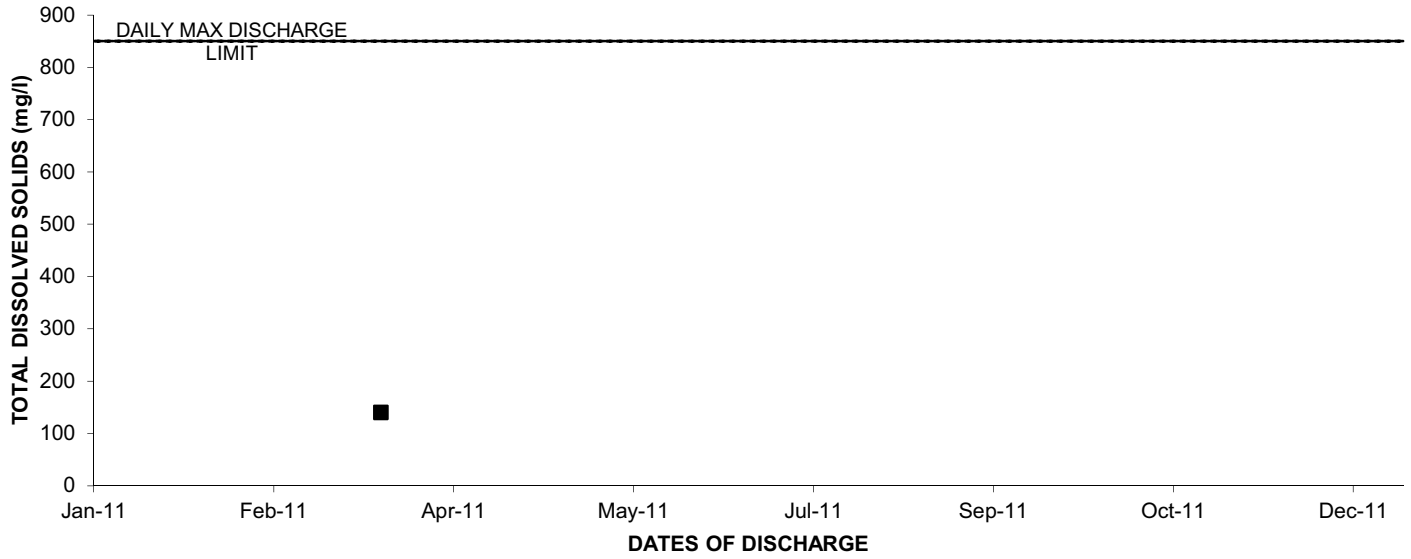
2011: OUTFALL 006 TEMPERATURE



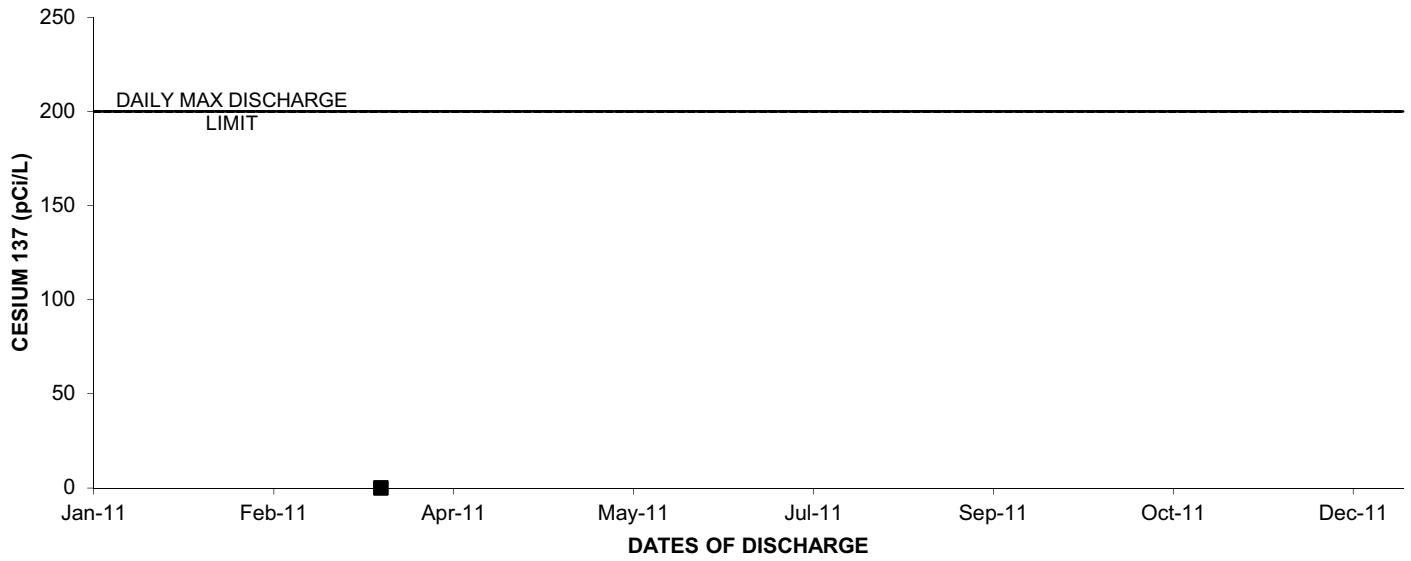
2011: OUTFALL 006 TOTAL CYANIDE



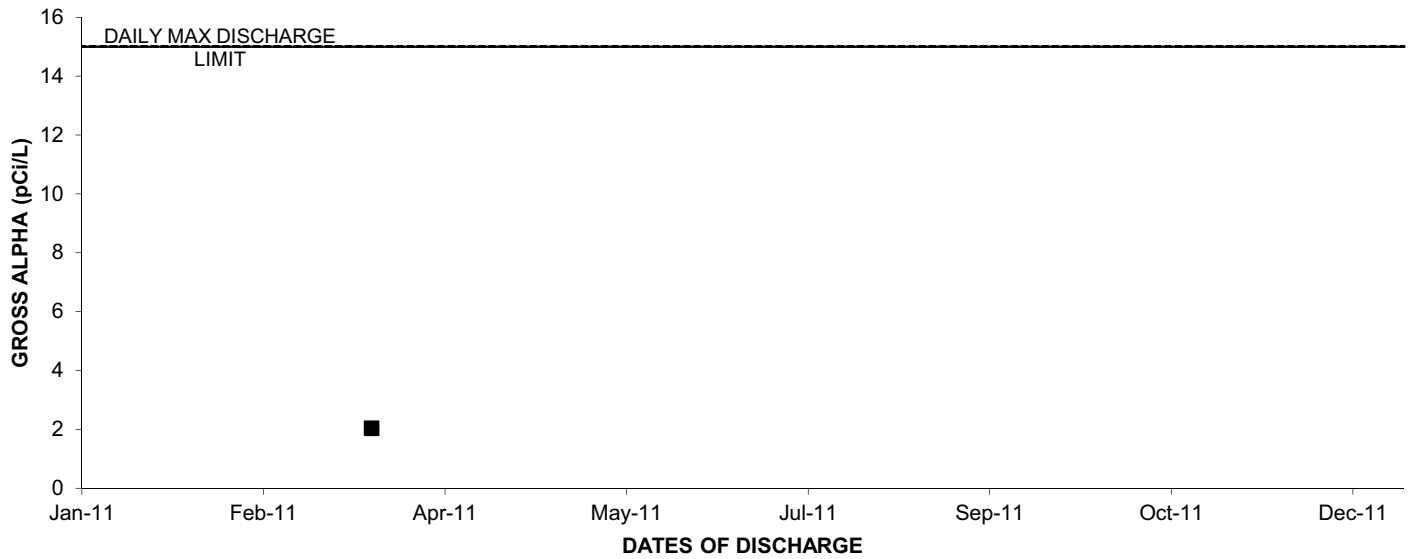
2011: OUTFALL 006 TOTAL DISSOLVED SOLIDS



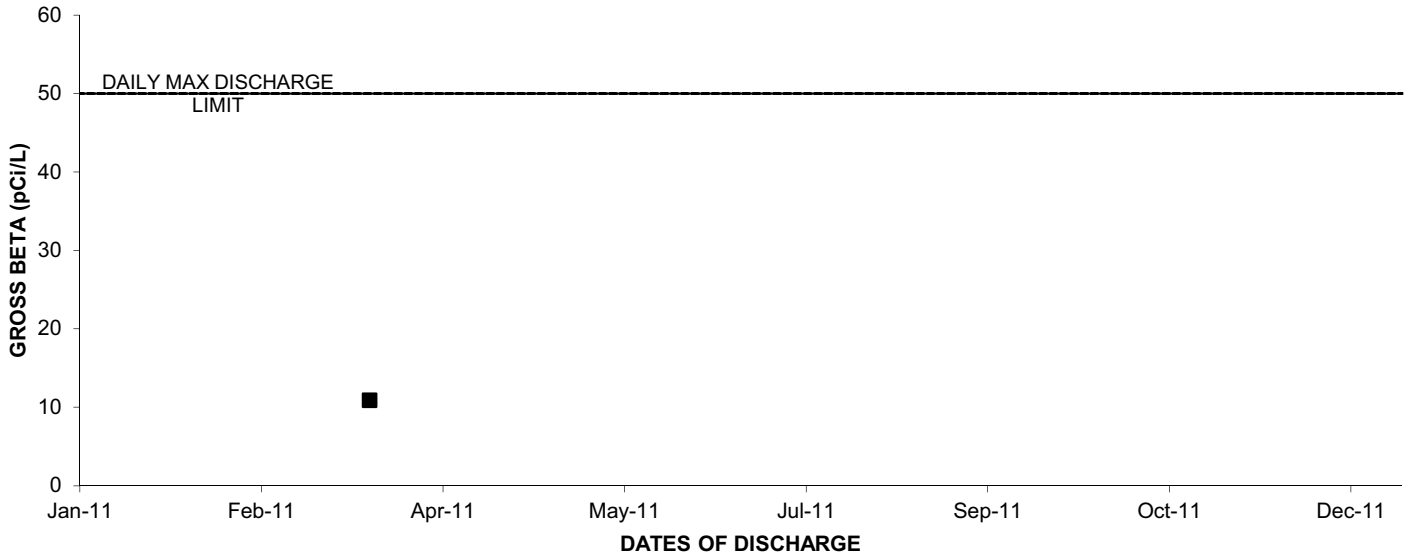
2011: OUTFALL 006 CESIUM 137



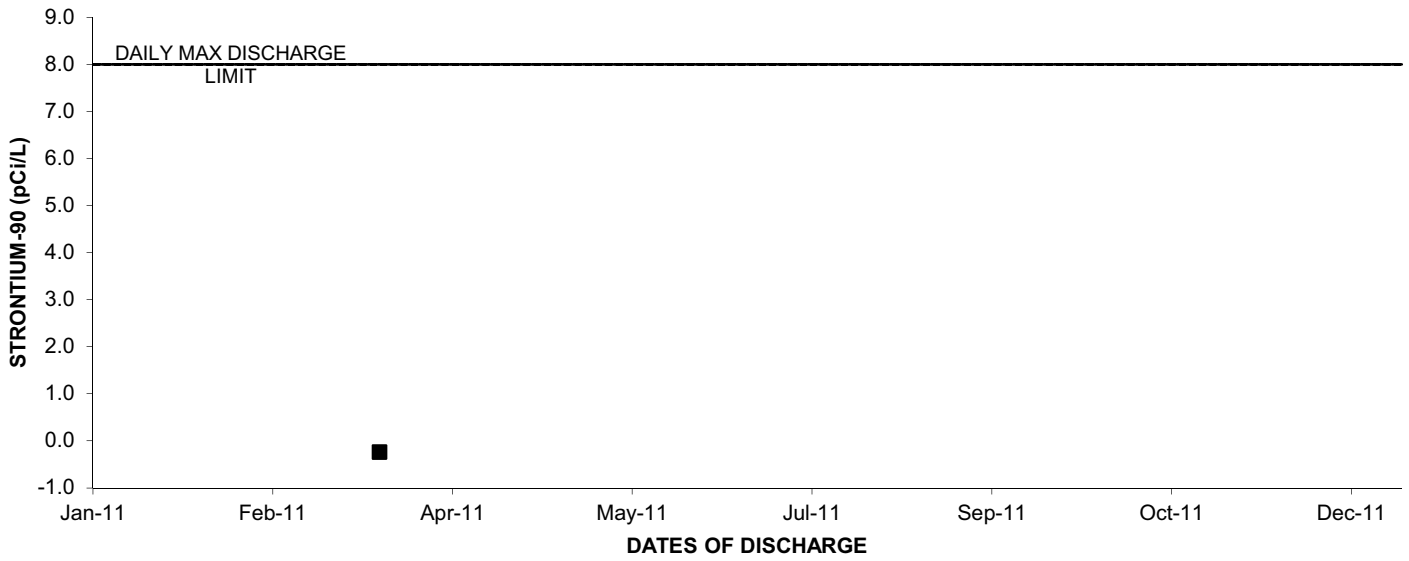
2011: OUTFALL 006 GROSS ALPHA



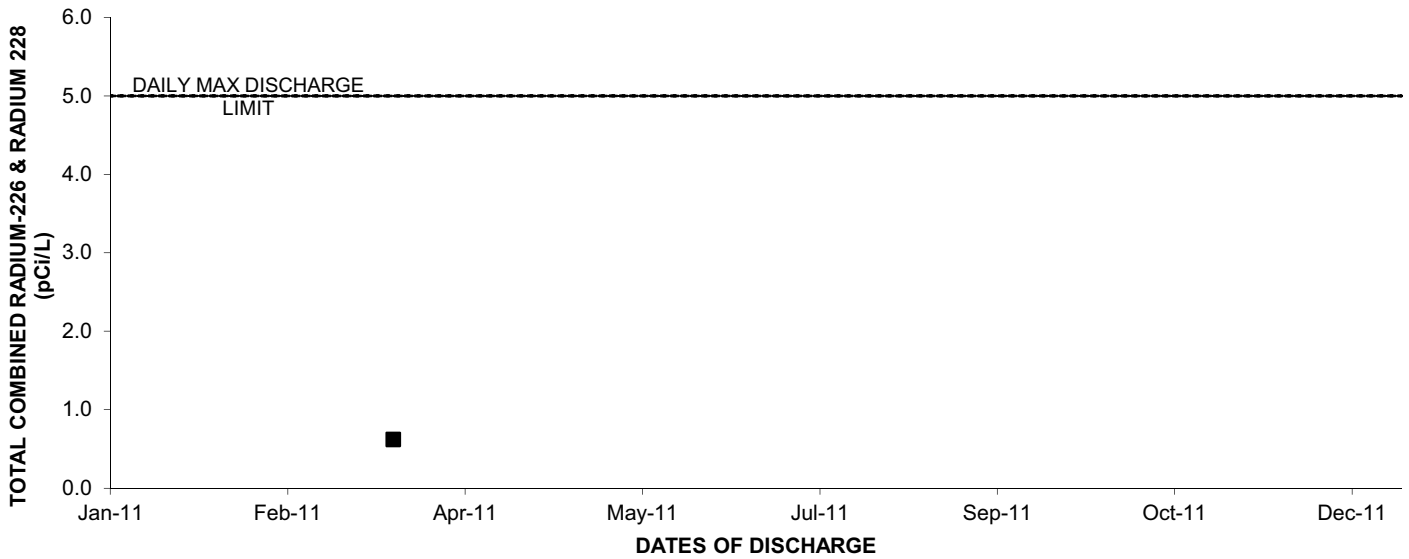
2011: OUTFALL 006 GROSS BETA



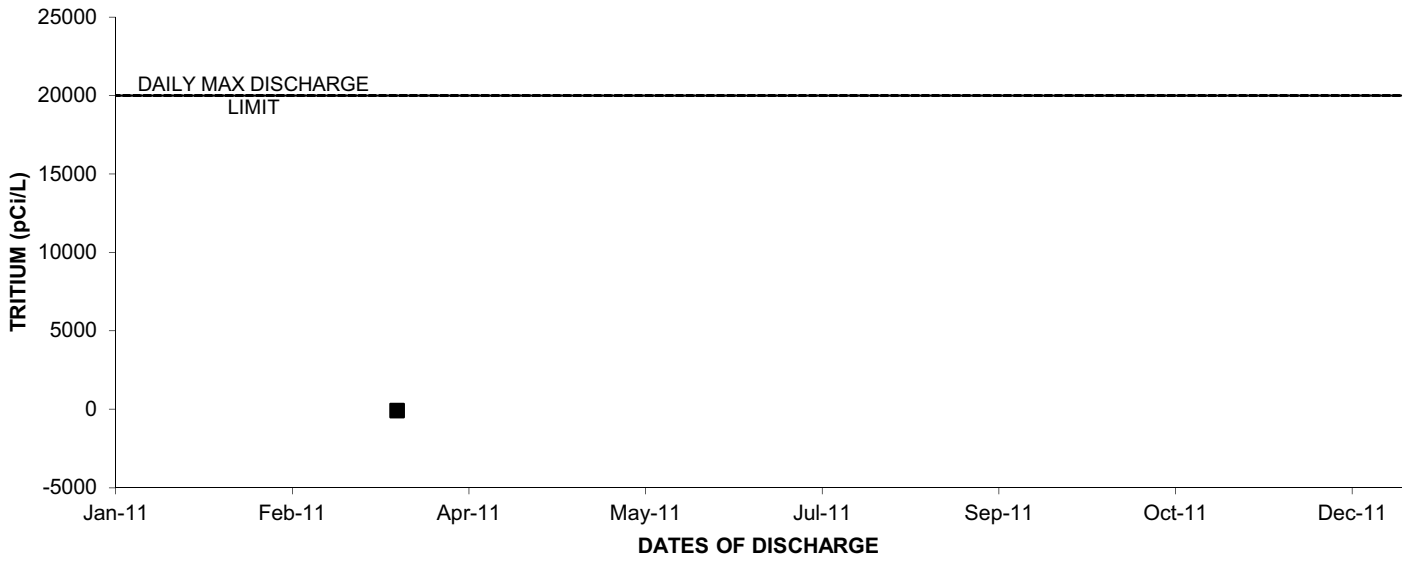
2011: OUTFALL 006 STRONTIUM-90



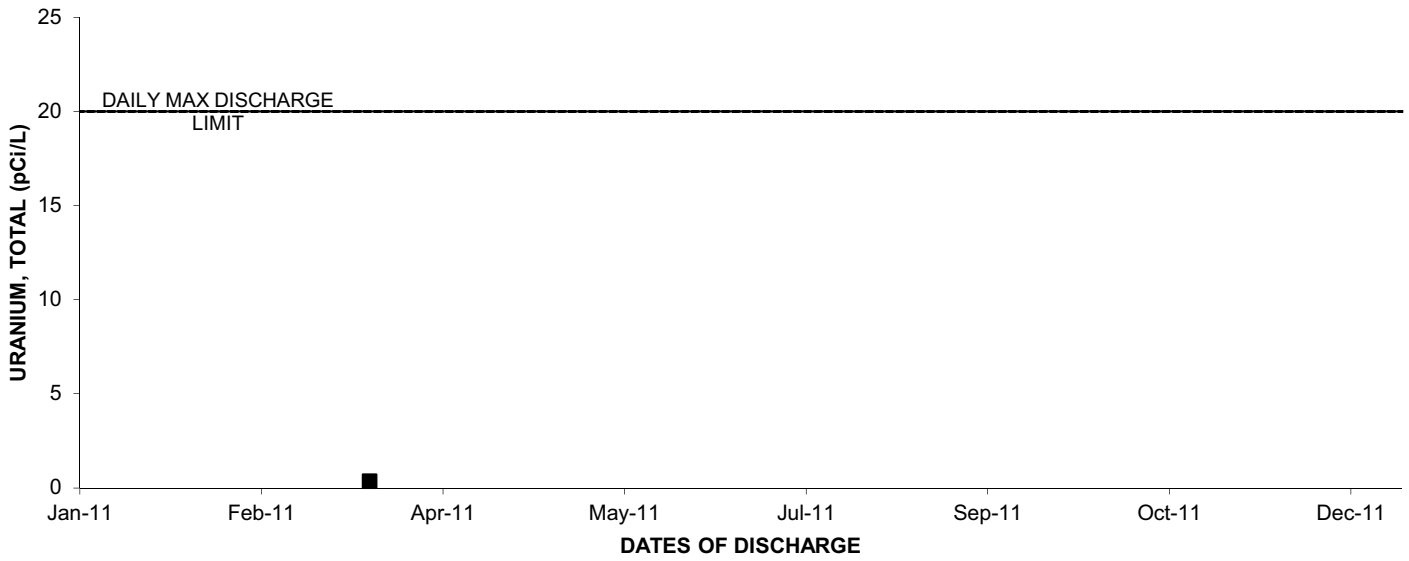
2011: OUTFALL 006 TOTAL COMBINED RADIUM-226 & RADIUM 228



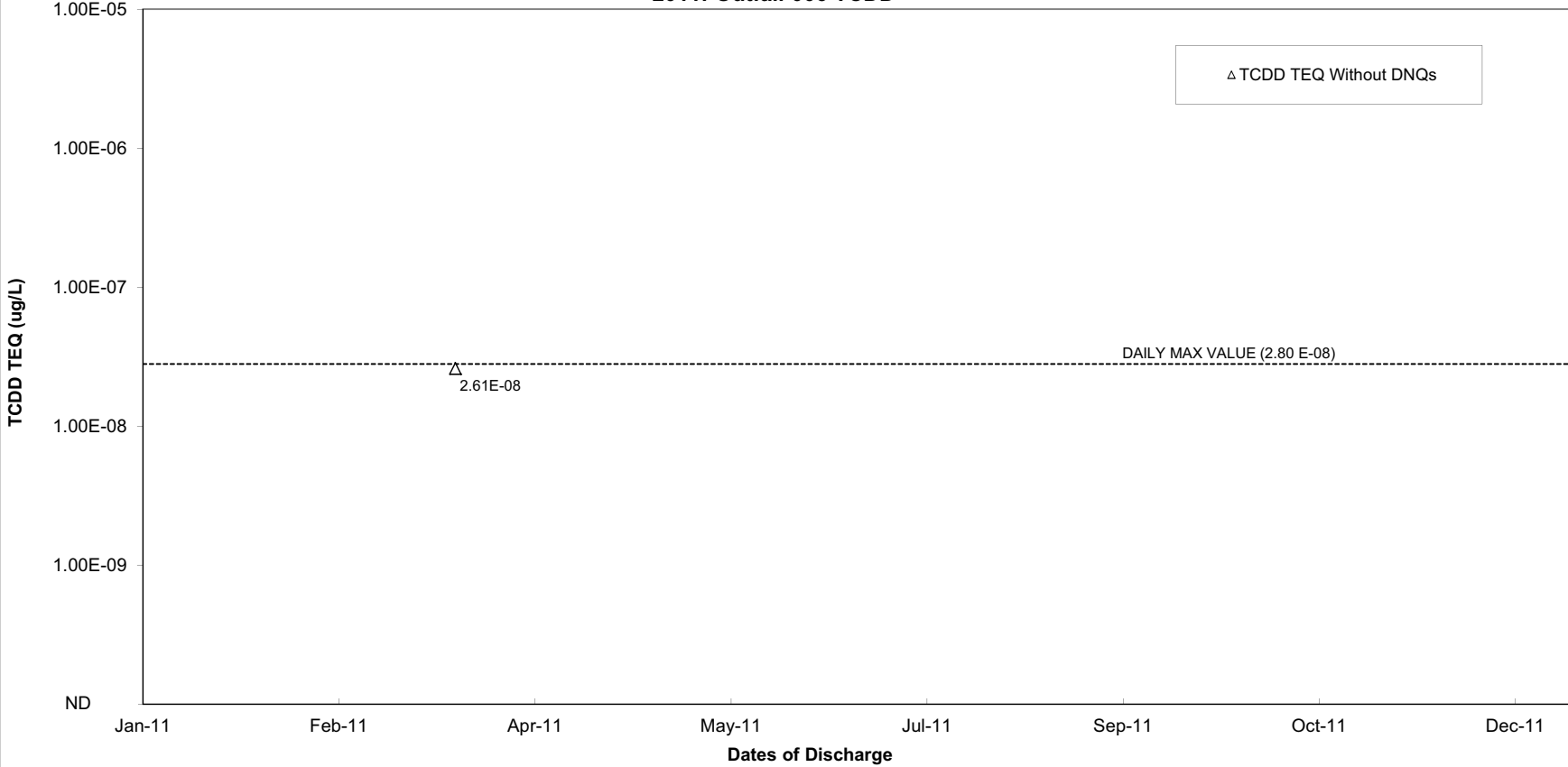
2011: OUTFALL 006 TRITIUM



2011: OUTFALL 006 URANIUM, TOTAL



2011: Outfall 006 TCDD



SECTION 4

OUTFALL 008 (HAPPY VALLEY DRAINAGE) ANNUAL 2011 REPORTING SUMMARY

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Chloride	mg/L	150/-	Comp	12	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.59	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.59	*
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	*
Sulfate	mg/L	300/-	Comp	12	*
Temperature	deg. F	86/-	Grab	42	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	200	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	14	--
Volume Discharged	MGD	17.8/-	Meas	0.007125	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.44	Ja* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*
Arsenic	ug/L	-/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0) 3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.42	*
Copper, dissolved	ug/L	-/-	Comp	1.70	Ja* (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	0.83	Ja* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	5/-	Comp	0.58	Ja* (DNQ)
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	159/-	Comp	22.2	*
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.00	*
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	-/-	ANR	ANR	ANR
1,1-Dichloroethene	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	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
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	-/-	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR
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

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
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
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	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
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
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
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	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 events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
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 events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	Comp	ND < 11	*
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.500	*
Chloride	mg/L	150/-	Comp	7.0	*
E. Coli	MPN/100 ml	-/-	Grab	170	*
Fecal Coliform	MPN/100 ml	-/-	Grab	170	*
Fluoride	mg/L	1.6/-	Comp	0.25	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.71	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.71	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	2.4	J (DNQ)
pH (Field)	pH units	6.5-8.5/-	Grab	7.5	*
Sulfate	mg/L	300/-	Comp	6.1	*
Temperature	deg. F	86/-	Grab	52	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	200	*
Hardness	mg/L	-/-	Comp	83	--
Hardness, dissolved	mg/L	-/-	Comp	74	--
Total Suspended Solids	mg/L	-/-	Comp	68	--
Volume Discharged	MGD	17.8/-	Meas	0.026685	*
METALS					
Aluminum	ug/L	-/-	Comp	4700	--
Aluminum, dissolved	ug/L	-/-	Comp	56	--
Antimony	ug/L	6.0/-	Comp	0.42	B, J*
Antimony, dissolved	ug/L	-/-	Comp	0.42	J* (DNQ)
Arsenic	ug/L	-/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	Comp	0.073	--
Boron, dissolved	mg/L	-/-	Comp	0.084	--
Cadmium	ug/L	(4.0) 3.1/-	Comp	0.46	B, J*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	Comp	25	--
Calcium, Dissolved	mg/L	-/-	Comp	24	--
Chromium	ug/L	-/-	Comp	6.9	--
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	Grab	ND < 1.00	U (B)
Copper	ug/L	14/-	Comp	9.33	*
Copper, dissolved	ug/L	-/-	Comp	1.47	J* (DNQ)
Iron	mg/L	-/-	Comp	6.0	--
Iron, dissolved	mg/L	-/-	Comp	0.027	J (DNQ)
Lead	ug/L	5.2/-	Comp	3.8	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	Comp	4.9	--
Magnesium, Dissolved	mg/L	-/-	Comp	3.5	--
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Nickel	ug/L	100/-	Comp	5.0	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Selenium	ug/L	5/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	-/-	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	Comp	ND < 6.0	U
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	Comp	12	--
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	159/-	Comp	28.4	--
Zinc, Dissolved	ug/L	-/-	Comp	25.9	--
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	-/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	Grab	ND < 0.42	*
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	-/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Vinyl chloride	ug/L	-/-	Grab	ND < 0.40	*
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 2.40	*
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.88	*
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 2.40	*
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.88	*
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.40	*
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	-/-	Comp	ND < 4.33	*
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 3.37	*
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 3.37	*
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 7.69	*
2,4-Dinitrotoluene	ug/L	-/-	Comp	ND < 3.37	*
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 1.92	*
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.88	*
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.88	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.85	*

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.37	*
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.21	*
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0038	C*
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0029	*
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	C5*
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.88	*
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.40	*
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.40	*
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.29	*
Acenaphthene	ug/L	-/-	Comp	ND < 2.88	*
Acenaphthylene	ug/L	-/-	Comp	ND < 2.88	*
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	--
Aldrin	ug/L	-/-	Comp	ND < 0.0014	*
alpha-BHC	ug/L	-/-	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	Comp	ND < 2.40	*
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*
Benzidine	ug/L	-/-	Comp	ND < 9.62	*
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.40	*
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.88	*
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.92	*
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 3.85	*
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.40	*
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.88	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.85	*
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.88	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.40	C*
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.85	*
Chlordane	ug/L	-/-	Comp	ND < 0.077	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	Comp	ND < 0.010	*
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	Comp	ND < 2.40	*
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*
delta-BHC	ug/L	-/-	Comp	ND < 0.0034	*
Diazinon	ug/L	-/-	Comp	ND < 0.10	*

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011 ^(a)		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.88	*
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	Comp	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	Comp	ND < 3.37	*
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.40	*
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.88	*
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.37	*
Endosulfan I	ug/L	-/-	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	Comp	ND < 0.0029	*
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0029	*
Endrin	ug/L	-/-	Comp	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0019	*
Fluoranthene	ug/L	-/-	Comp	ND < 2.88	*
Fluorene	ug/L	-/-	Comp	ND < 2.88	*
Heptachlor	ug/L	-/-	Comp	ND < 0.0029	*
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.88	*
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.85	*
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.81	*
Hexachloroethane	ug/L	-/-	Comp	ND < 3.37	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.37	*
Isophorone	ug/L	-/-	Comp	ND < 2.88	*
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0029	*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
Naphthalene	ug/L	-/-	Comp	ND < 2.88	*
Nitrobenzene	ug/L	-/-	Comp	ND < 2.88	*
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.40	*
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.37	*
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.92	*
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.37	*
Phenanthrene	ug/L	-/-	Comp	ND < 3.37	*
Phenol	ug/L	-/-	Comp	ND < 1.92	*
Pyrene	ug/L	-/-	Comp	ND < 3.85	*
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*
Chloride	mg/L	150/-	Comp	5.3	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.64	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.57	*
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	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.6	*
Sulfate	mg/L	300/-	Comp	4.1	*
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	130	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	46	--
Volume Discharged	MGD	17.8/-	Meas	1.2756	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	ND < 0.30	*
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*
Arsenic	ug/L	-/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0) 3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	4.78	*
Copper, dissolved	ug/L	-/-	Comp	2.04	*
Iron	mg/L	-/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	2.4	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	5/-	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	159/-	Comp	14.3	J*
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.00	*
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	-/-	ANR	ANR	ANR
1,1-Dichloroethene	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	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
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	-/-	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR
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

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
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
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	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
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
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
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	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 events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
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 events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date January 3, 2011**

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	1.40E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	2.20E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	8.70E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.00E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	8.10E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	9.60E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.10E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.60E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	7.90E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.70E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.10E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.30E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.50E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	1.40E-06	1.00E-04	ND	U	0.0001	0.02	ND

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 26, 2011**

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	1.80E-06	5.10E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.50E-06	5.10E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	2.40E-06	5.10E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.80E-06	5.10E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.10E-06	5.10E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.50E-06	5.10E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.90E-06	5.10E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	2.20E-06	5.10E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.80E-06	5.10E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	5.80E-06	5.10E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	6.90E-06	5.10E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.90E-06	5.10E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	7.10E-06	5.10E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	2.40E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	3.10E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	7.10E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	4.80E-06	1.00E-04	4.90E-06	J (DNQ)	0.0001	0.02	ND

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 20-21, 2011**

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	4.30E-06	5.00E-05	2.10E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.90E-06	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.10E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.10E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.20E-06	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.90E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.10E-06	5.00E-05	8.00E-07	J (DNQ)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.60E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.70E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.20E-06	5.00E-05	ND	UJ (*III)	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.90E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.40E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.50E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	7.60E-06	1.00E-04	2.40E-04	--	0.0001	0.01	2.40E-10
OCDF	4.10E-06	1.00E-04	1.30E-05	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.40E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/03/2011 (Comp)			02/26/2011 (Comp)			03/21/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY											
Gross Alpha	pCi/L	15/-	1.85 ± 0.54	0.511	J (C, DNQ)	3.52 ± 0.67	0.41	J (C)	2.98 ± 0.61	0.5	J (C, DNQ)
Gross Beta	pCi/L	50/-	2.49 ± 0.60	0.852	J (DNQ)	5.15 ± 0.67	0.829	--	5.81 ± 0.72	0.917	--
Strontium-90	pCi/L	8.0/-	-0.49 ± 0.93	2.38	UJ (C)	-0.423 ± 0.37	1.1	U	-0.335 ± 0.36	0.921	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.81 ± 0.48	1.12	U	0.44 ± 0.36	0.96	U	0.17 ± 0.52	1.32	U
Tritium	pCi/L	20000/-	-98.3 ± 150	265	U	-28.6 ± 100	170	U	22.7 ± 98	164	U
Uranium, Total	pCi/L	20/-	0.592 ± 0.064	0.016	J (DNQ)	0.838 ± 0.094	0.022	J (DNQ)	0.439 ± 0.051	0.02	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 15.7	15.7	U	ND < 24	24	U	ND < 16.5	16.5	U
Cesium 137	pCi/L	200/-	ND < 1.3	1.3	U	ND < 1.46	1.46	U	ND < 1.29	1.29	U

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011 ^(a)		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.01612	
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	1.61	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	0.08	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	0.08	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	*
Sulfate	LBS/DAY	44,536/-	Comp	1.61	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	26.89	*
Antimony	LBS/DAY	0.89/-	Comp	0.0001	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Cadmium	LBS/DAY	(0.59) 0.46/-	Comp	ND	*
Copper	LBS/DAY	2.1/-	Comp	0.0003	*
Lead	LBS/DAY	0.77/-	Comp	0.0001	Ja* (DNQ)
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Selenium	LBS/DAY	0.7/-	Comp	0.0001	Ja* (DNQ)
Thallium	LBS/DAY	0.3/-	Comp	ND	*
Zinc	LBS/DAY	24/-	Comp	0.003	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	ND	--

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011 ^(a)		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.026685	
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	1.56	*
Fluoride	LBS/DAY	238/-	Comp	0.06	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	0.16	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	0.16	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	0.001	J (DNQ)
Sulfate	LBS/DAY	44,536/-	Comp	1.36	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	44.51	*
Antimony	LBS/DAY	0.89/-	Comp	0.0001	B, J*
Boron	LBS/DAY	148/-	Comp	0.02	--
Cadmium	LBS/DAY	(0.59) 0.46/-	Comp	0.0001	B, J*
Copper	LBS/DAY	2.1/-	Comp	0.002	*
Lead	LBS/DAY	0.77/-	Comp	0.001	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	Comp	0.001	J (DNQ)
Selenium	LBS/DAY	0.7/-	Comp	ND	*
Thallium	LBS/DAY	0.3/-	Comp	ND	*
Zinc	LBS/DAY	24/-	Comp	0.01	--
TCDD TEQ NoDNQ	LBS/DAY	4.20E-09/-	Comp	ND	--

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

^(a) Based on peak LA River flow, sampling events are dry discharges.

OUTFALL 008 (Happy Valley Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

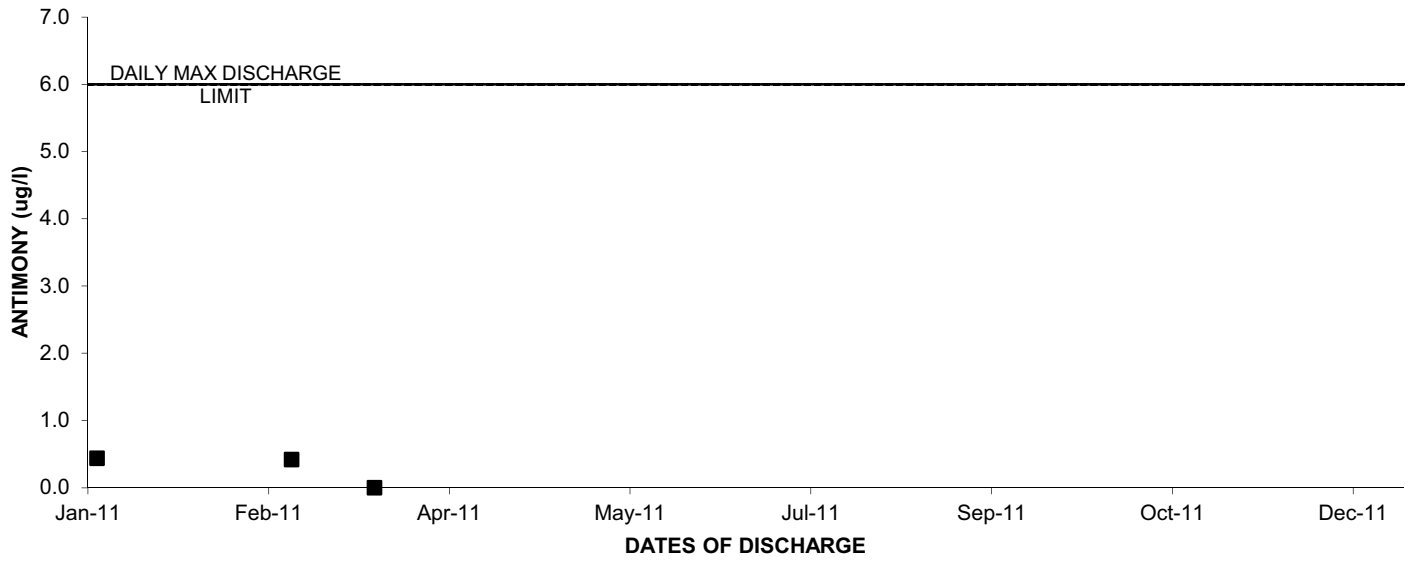
January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/20/2011-03/21/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.70417	
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	31.13	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	3.76	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	3.35	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	U
Sulfate	LBS/DAY	44,536/-	Comp	24.08	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	763.46	*
Antimony	LBS/DAY	0.89/-	Comp	ND	*
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Cadmium	LBS/DAY	(0.59) 0.46/-	Comp	ND	*
Copper	LBS/DAY	2.1/-	Comp	0.03	*
Lead	LBS/DAY	0.77/-	Comp	0.01	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Selenium	LBS/DAY	0.7/-	Comp	ND	*
Thallium	LBS/DAY	0.3/-	Comp	ND	*
Zinc	LBS/DAY	24/-	Comp	0.08	J*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	1.41E-12	--

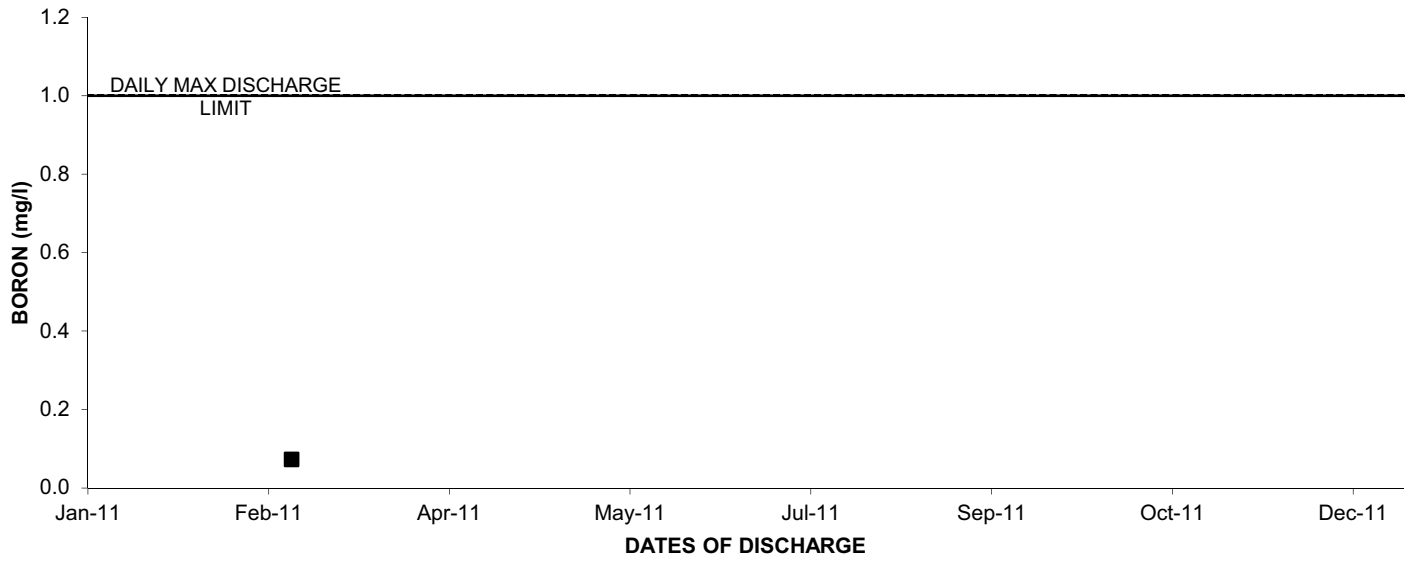
See attached notes for abbreviations, definitions, and other explanations for the data presented.

^(a) Based on peak LA River flow, sampling events are dry discharges.

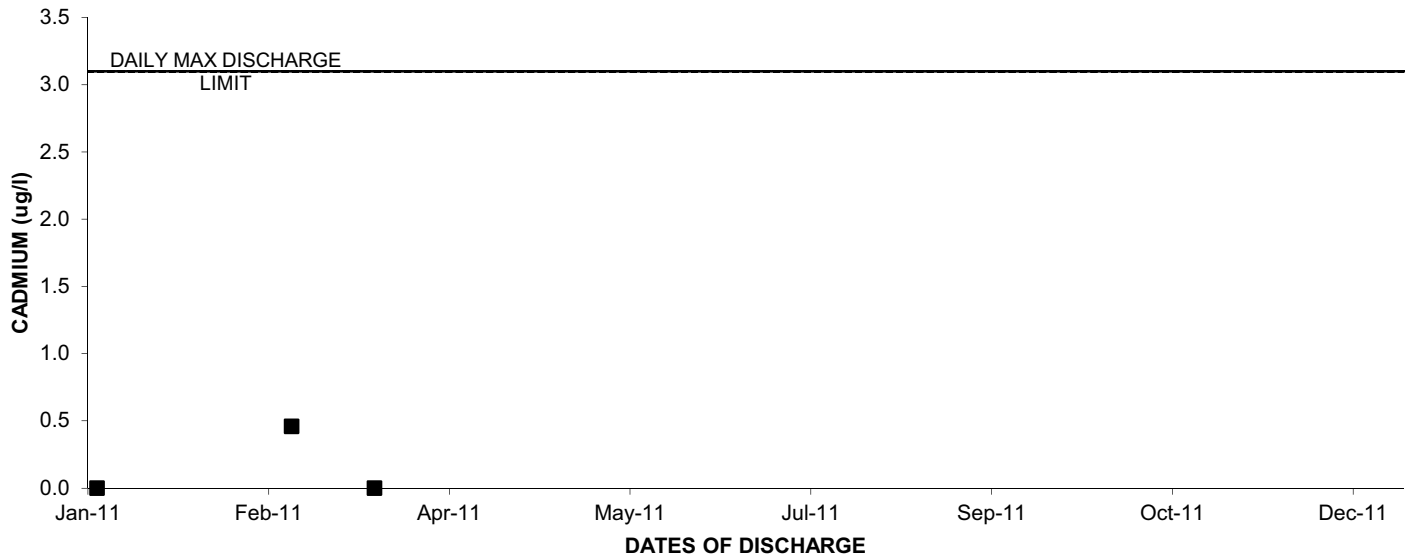
2011: OUTFALL 008 ANTIMONY



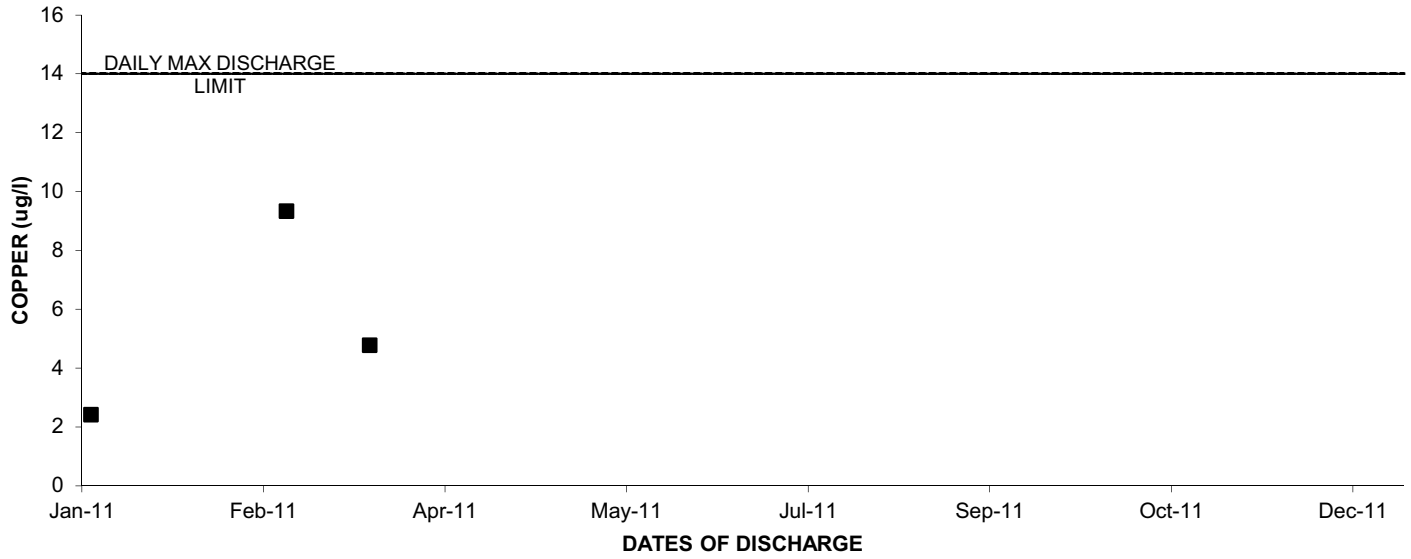
2011: OUTFALL 008 BORON



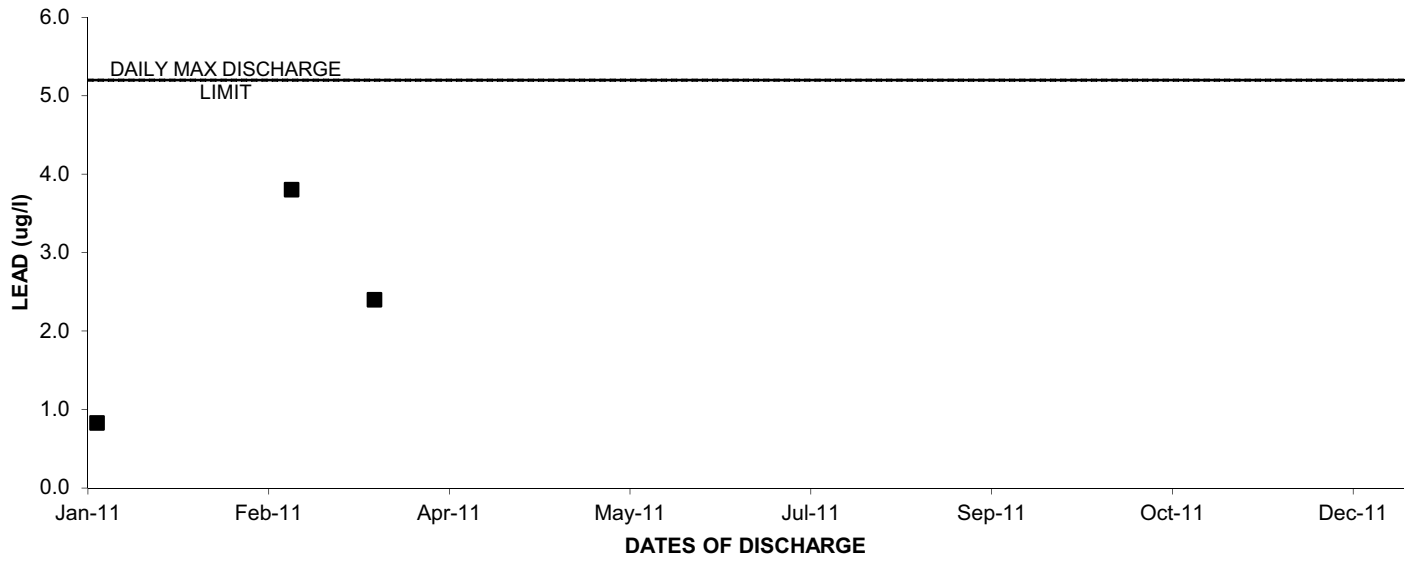
2011: OUTFALL 008 CADMIUM



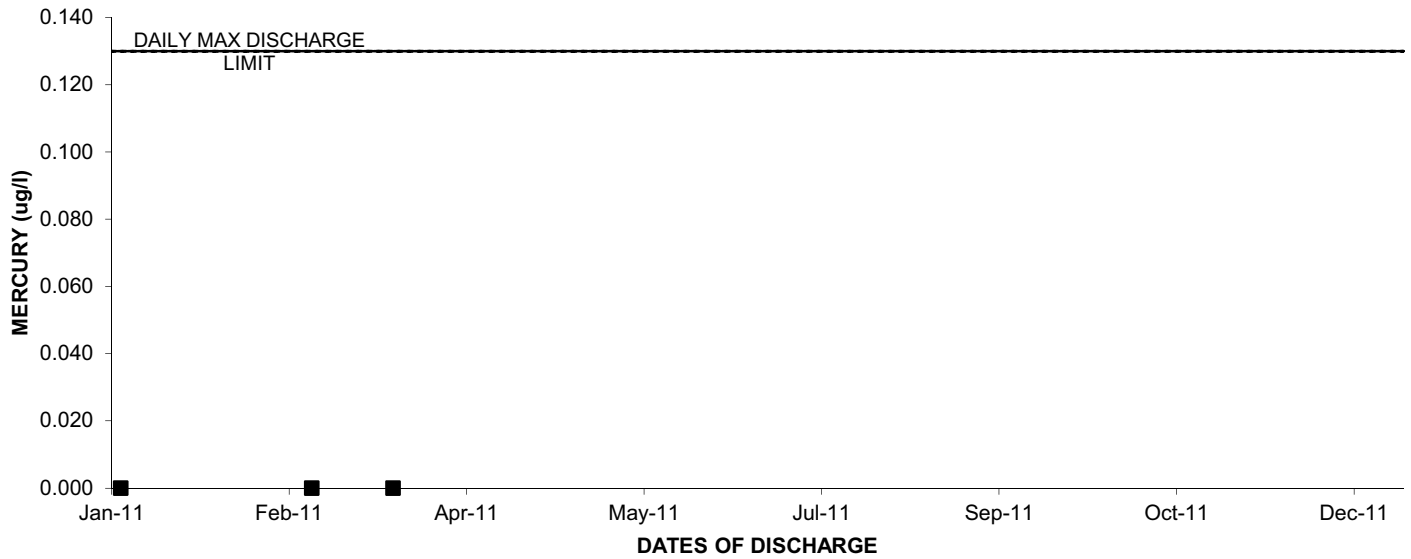
2011: OUTFALL 008 COPPER



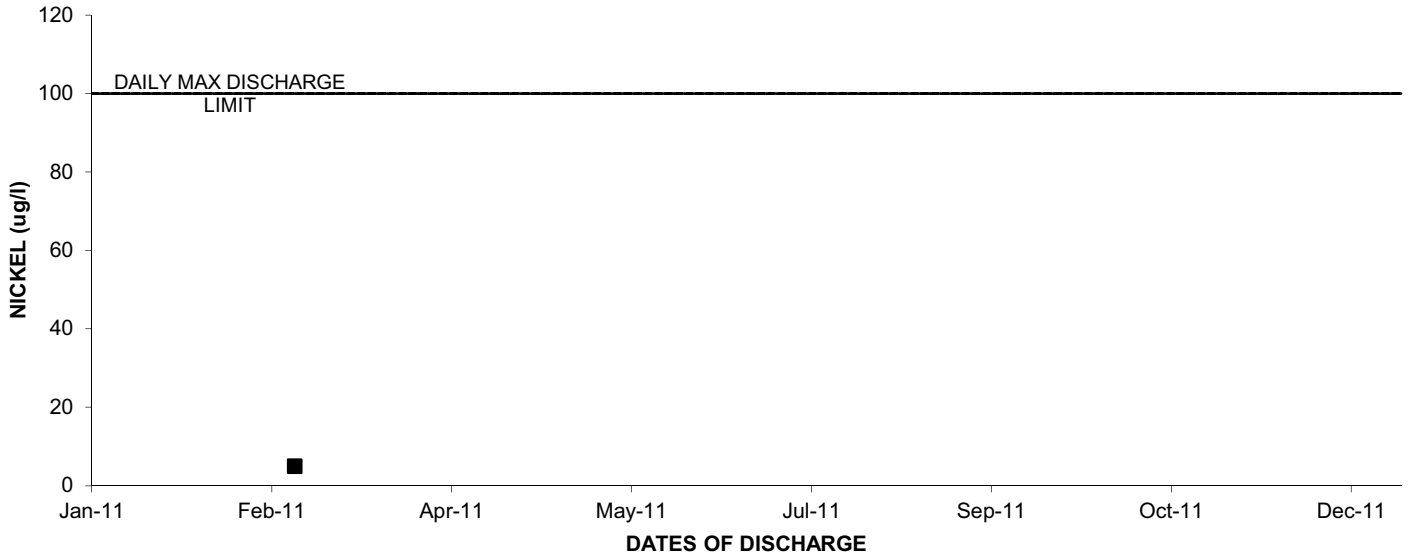
2011: OUTFALL 008 LEAD



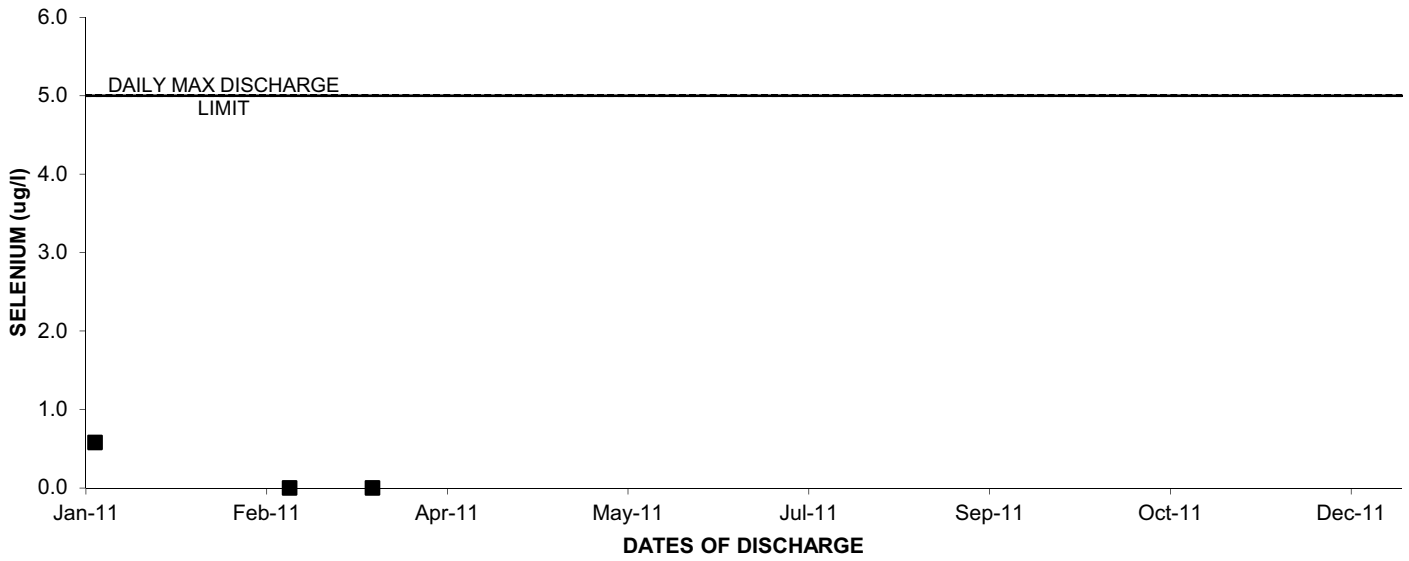
2011: OUTFALL 008 MERCURY



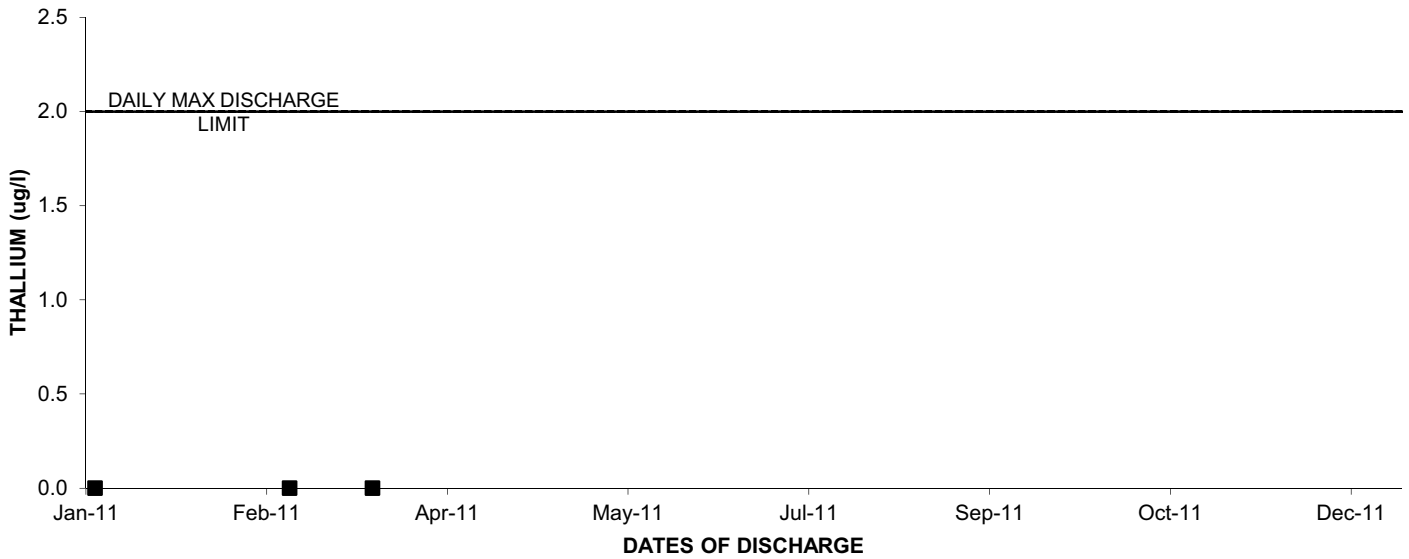
2011: OUTFALL 008 NICKEL



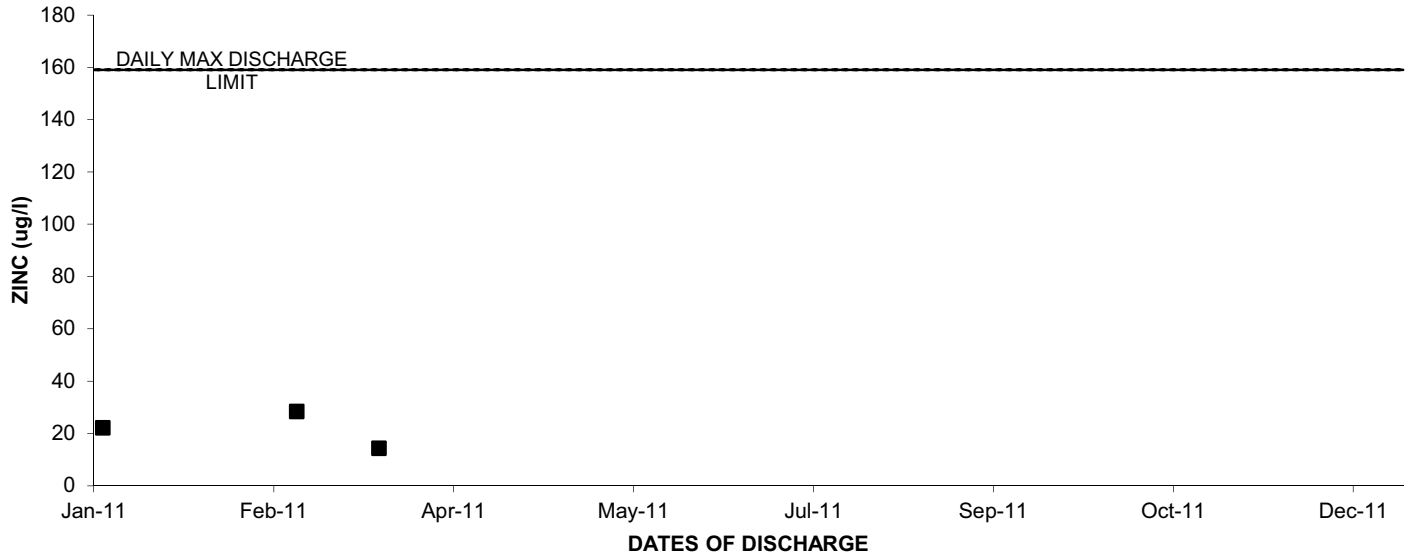
2011: OUTFALL 008 SELENIUM



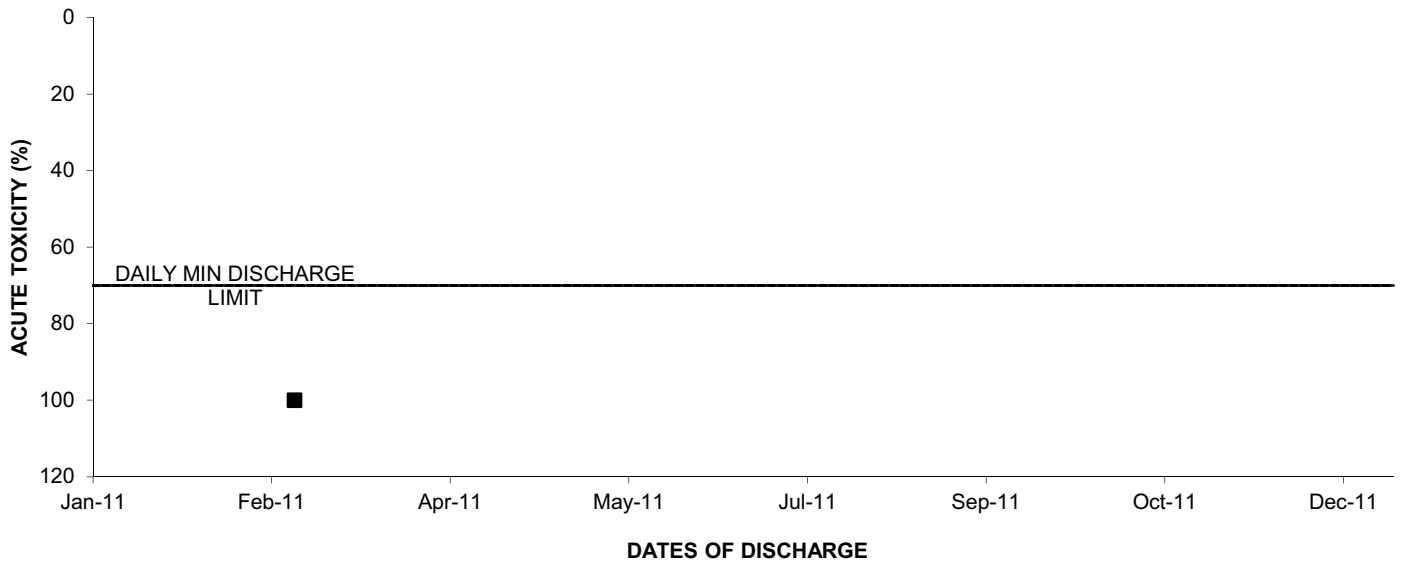
2011: OUTFALL 008 THALLIUM



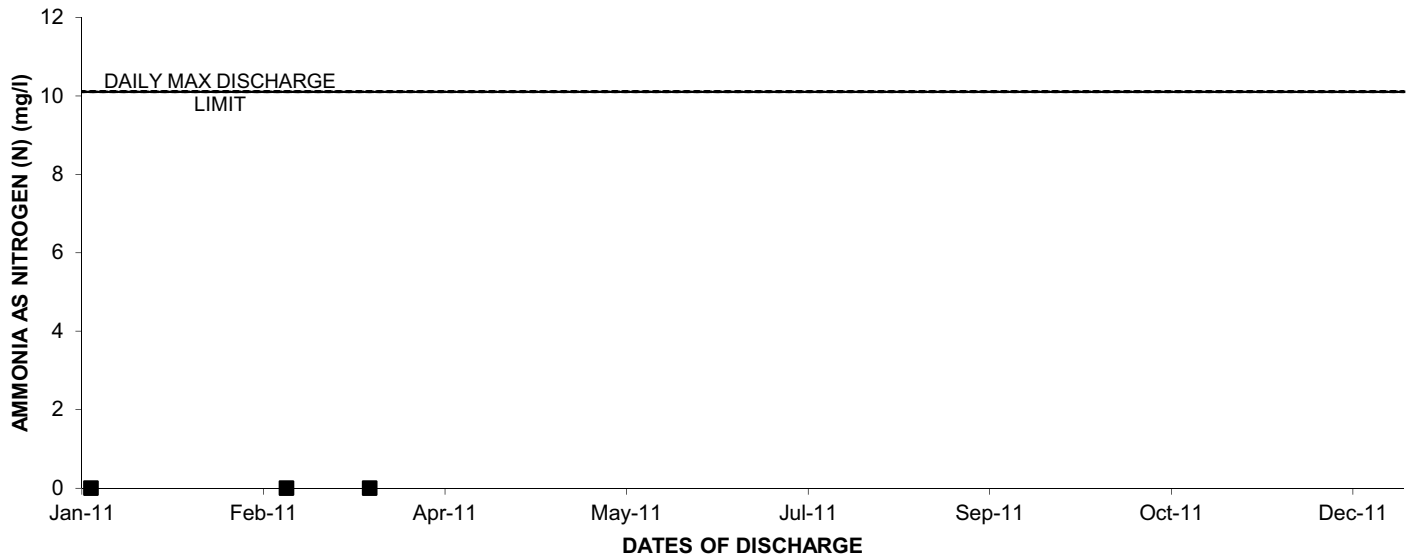
2011: OUTFALL 008 ZINC



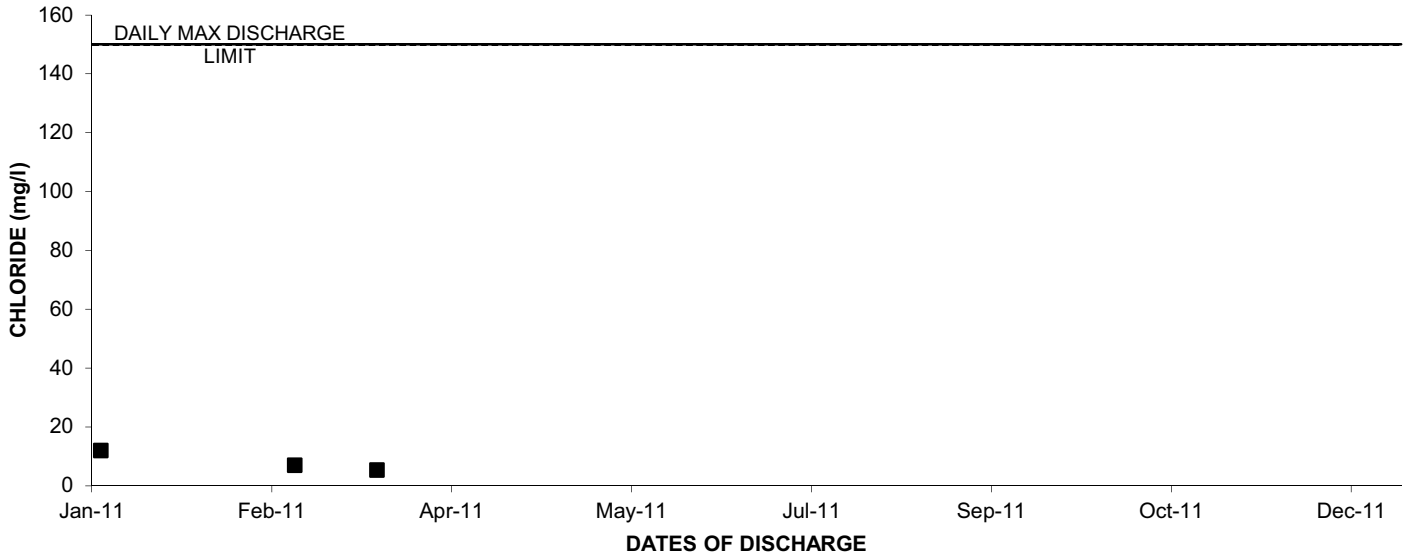
2011: OUTFALL 008 ACUTE TOXICITY



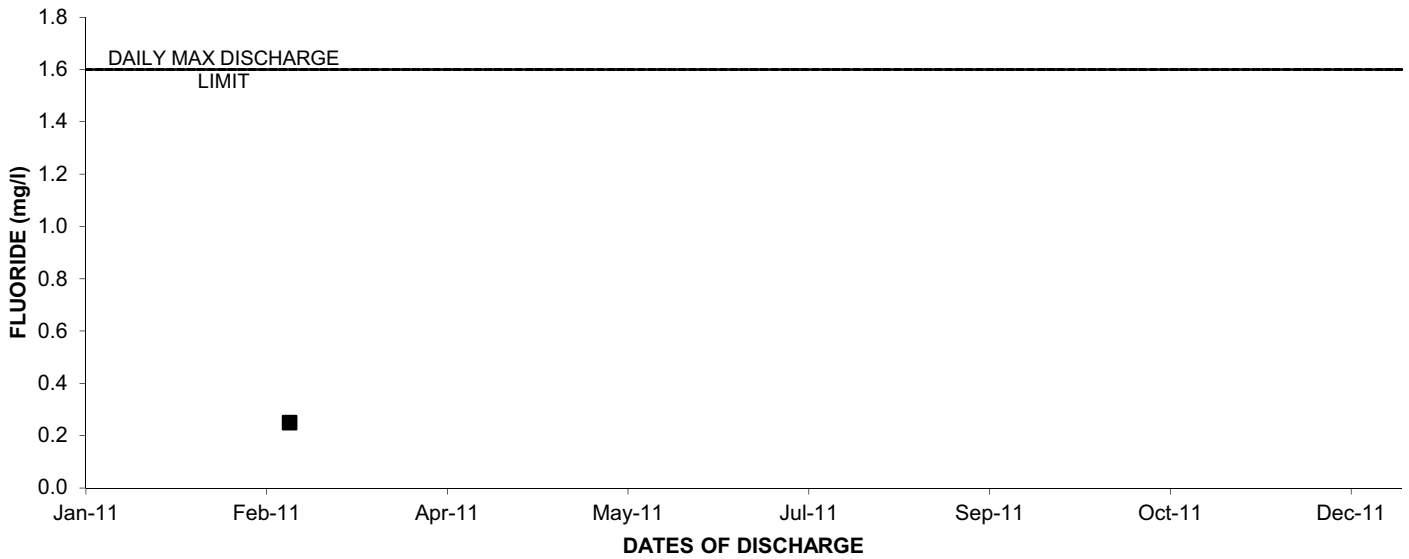
2011: OUTFALL 008 AMMONIA AS NITROGEN (N)



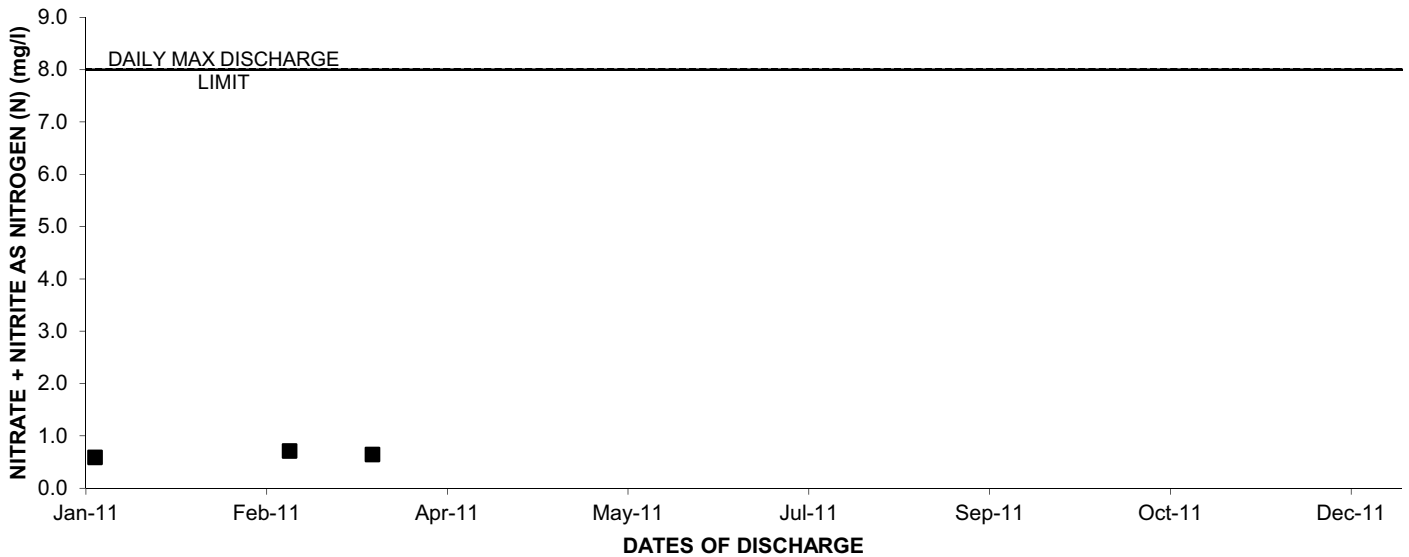
2011: OUTFALL 008 CHLORIDE



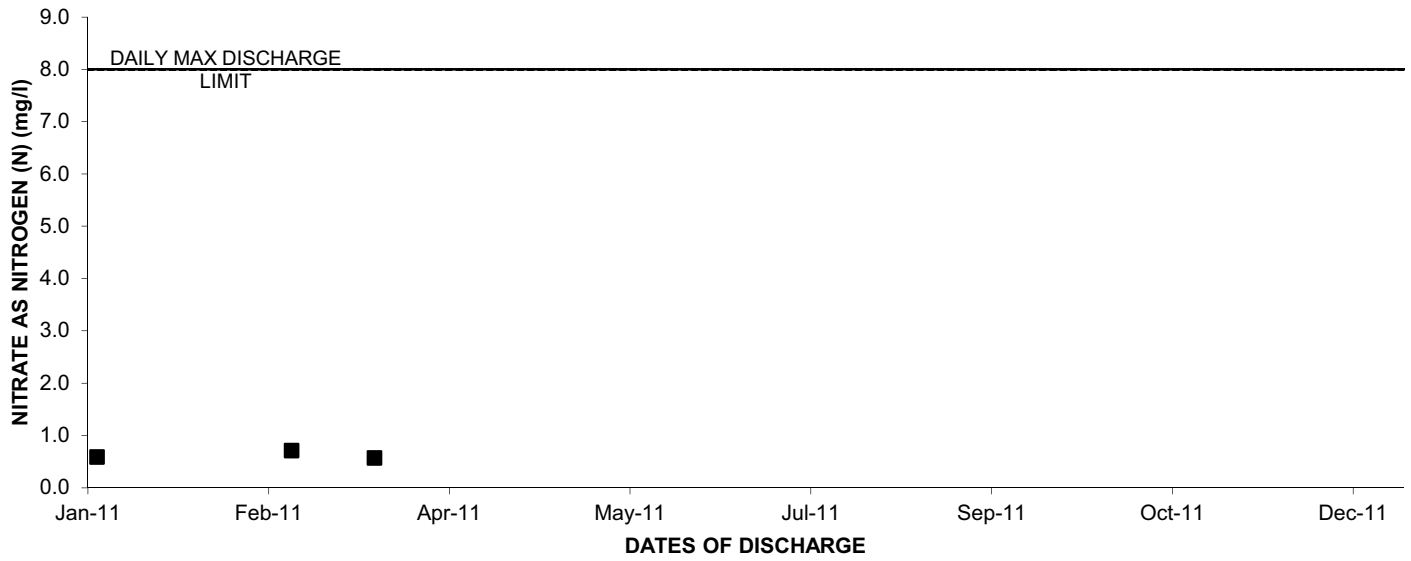
2011: OUTFALL 008 FLUORIDE



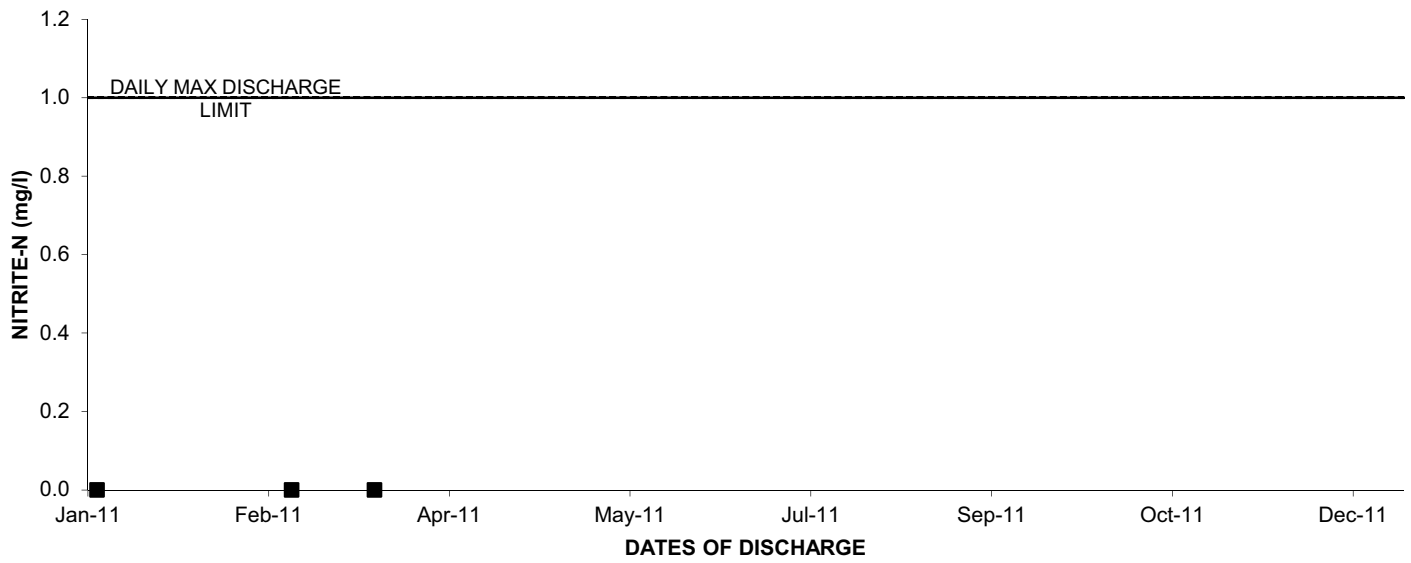
2011: OUTFALL 008 NITRATE + NITRITE AS NITROGEN (N)



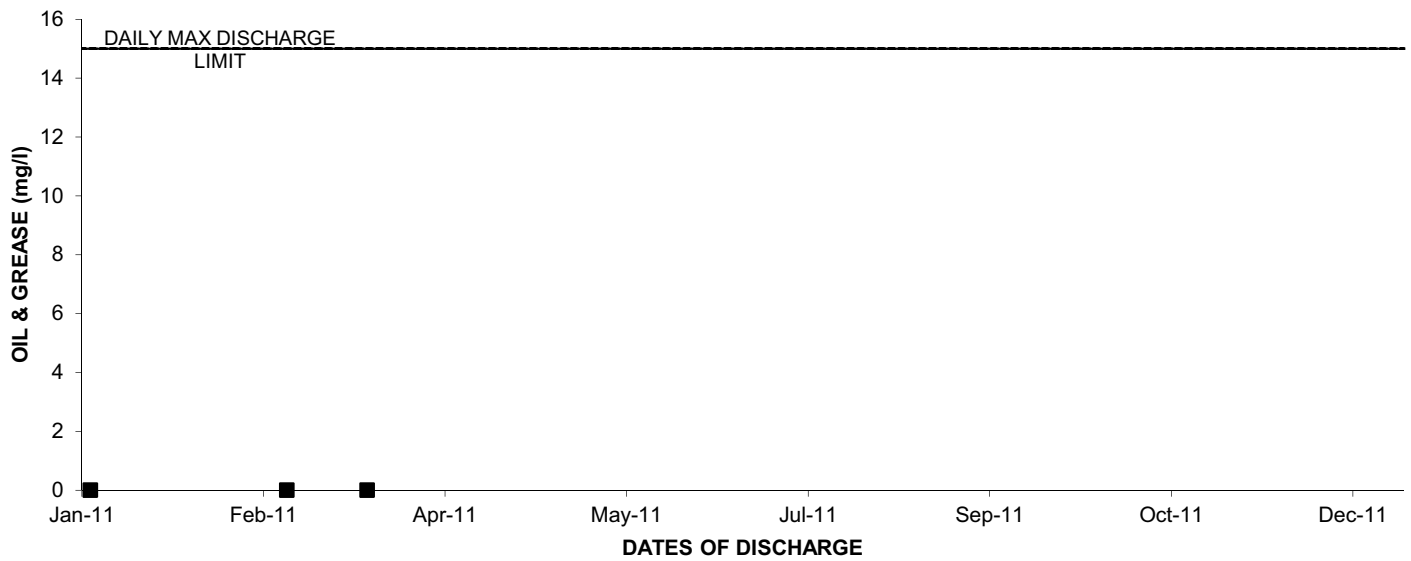
2011: OUTFALL 008 NITRATE AS NITROGEN (N)



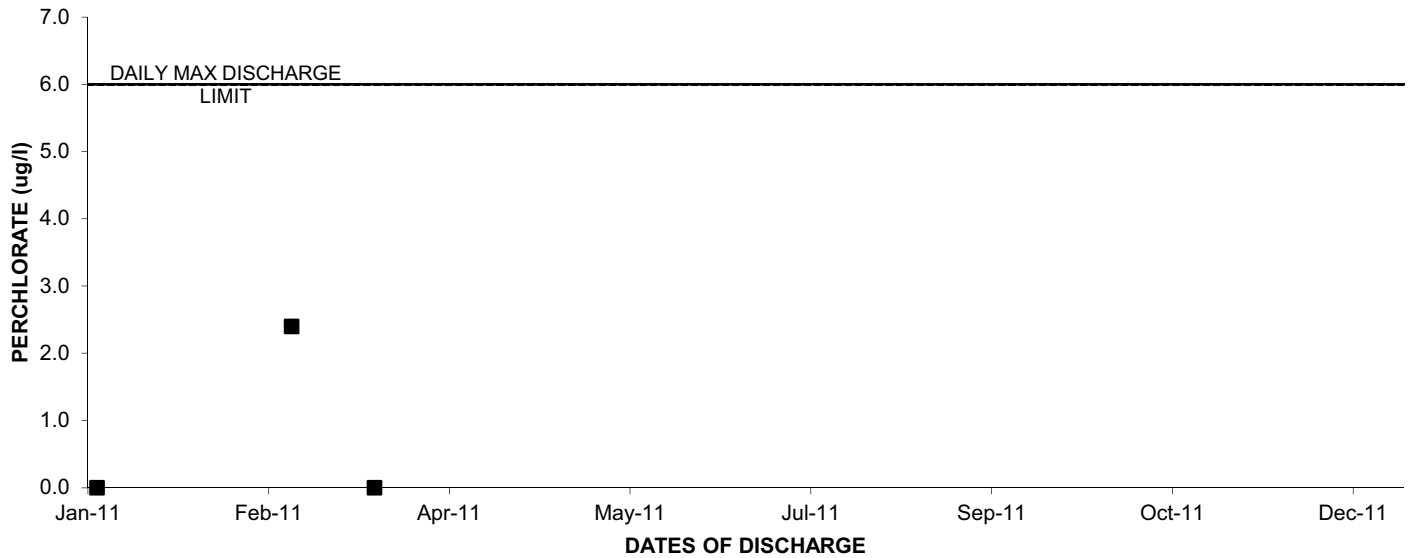
2011: OUTFALL 008 NITRITE-N



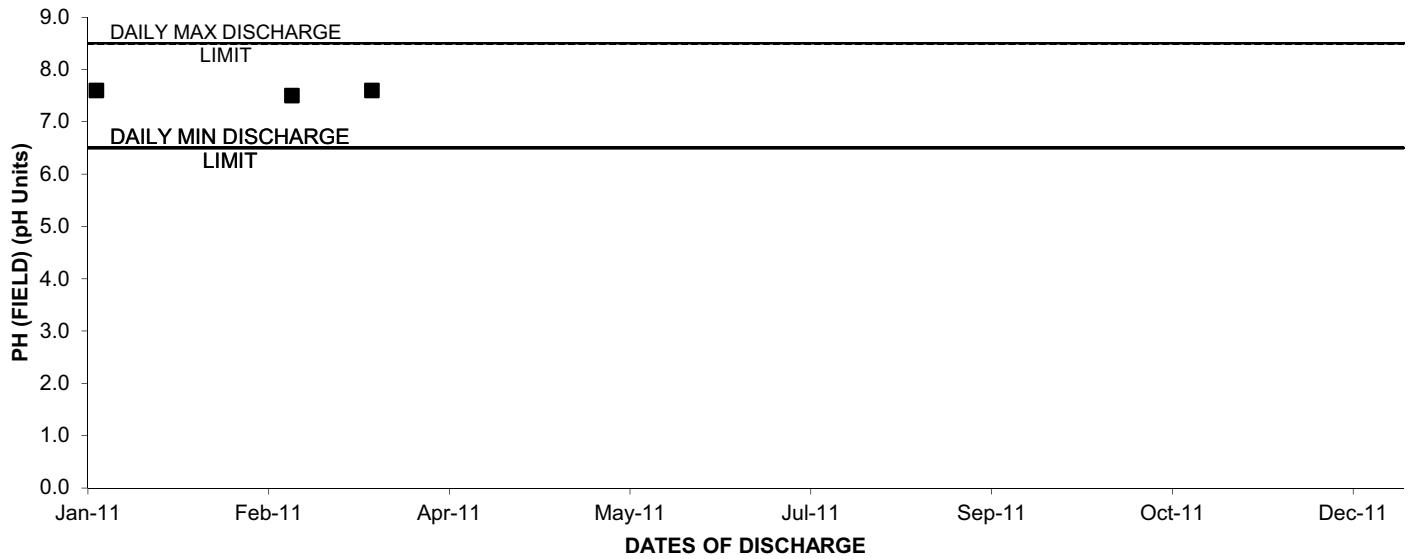
2011: OUTFALL 008 OIL & GREASE



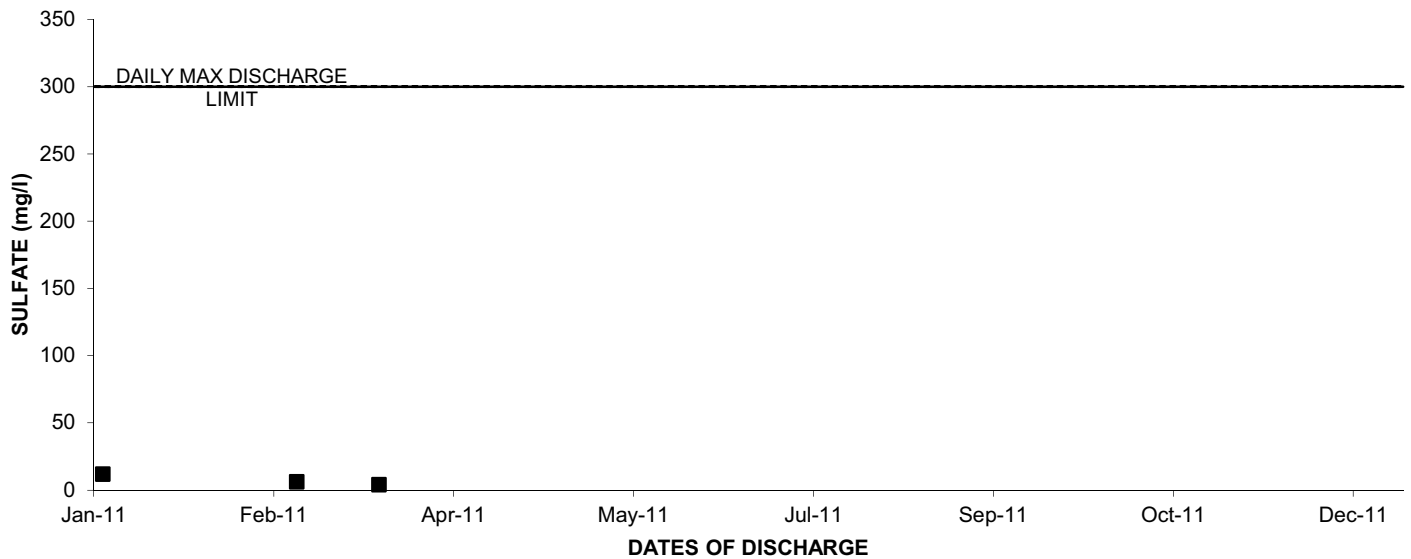
2011: OUTFALL 008 PERCHLORATE



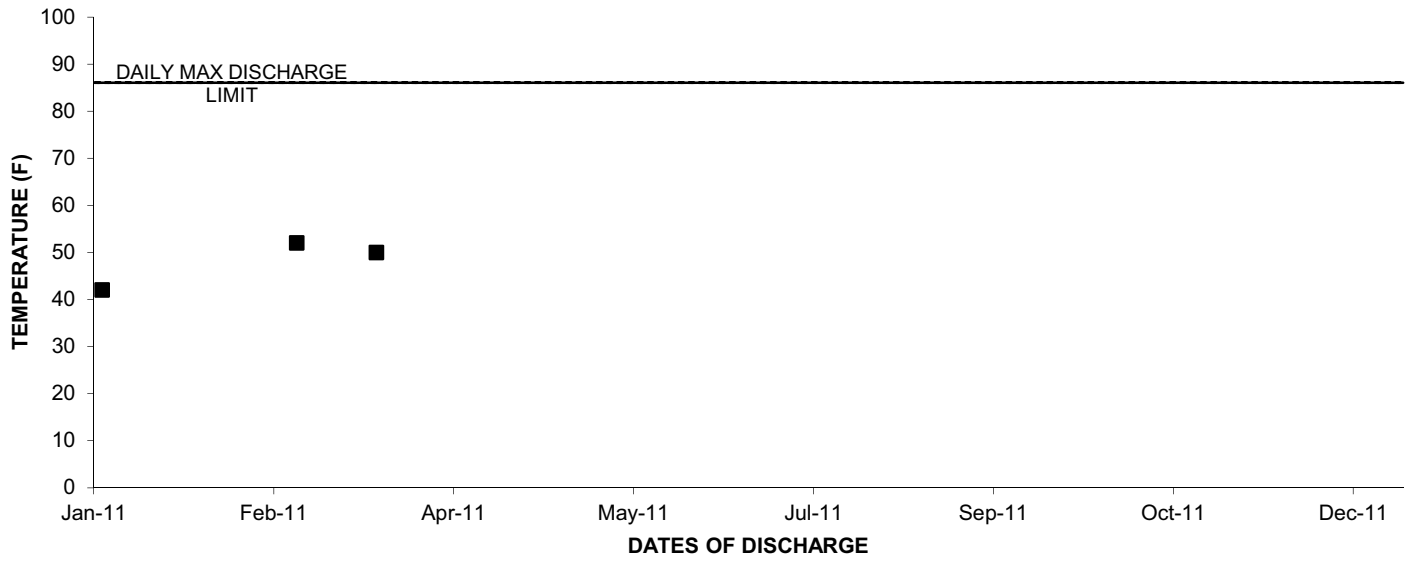
2011: OUTFALL 008 PH (FIELD)



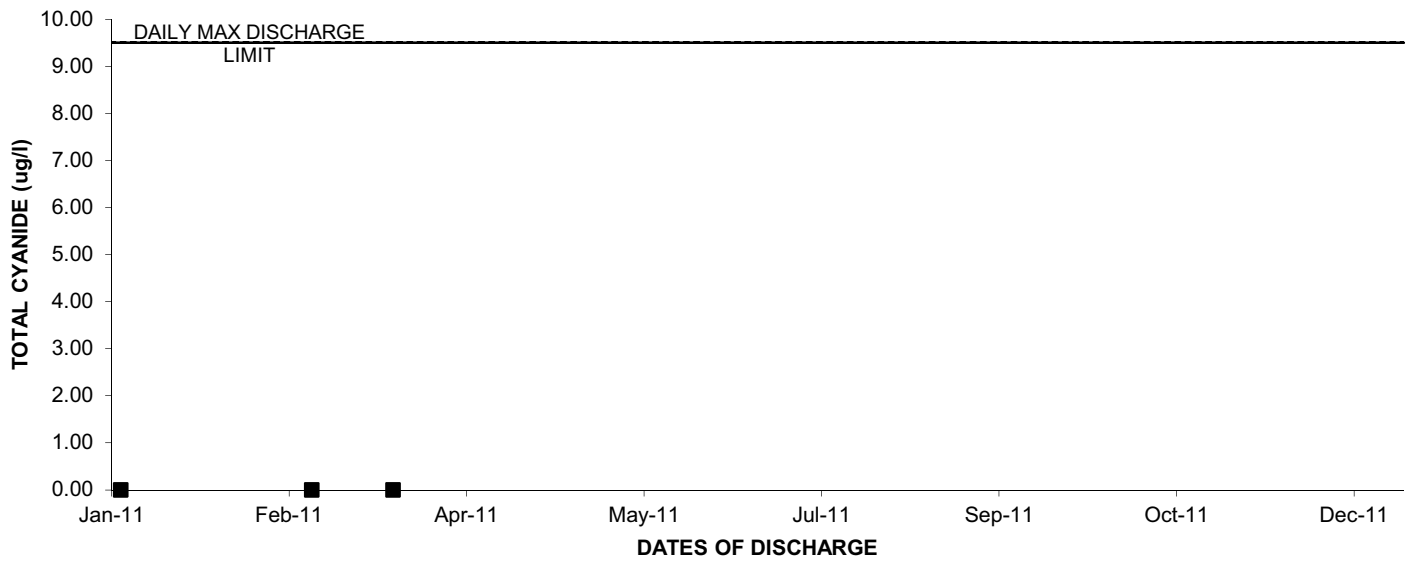
2011: OUTFALL 008 SULFATE



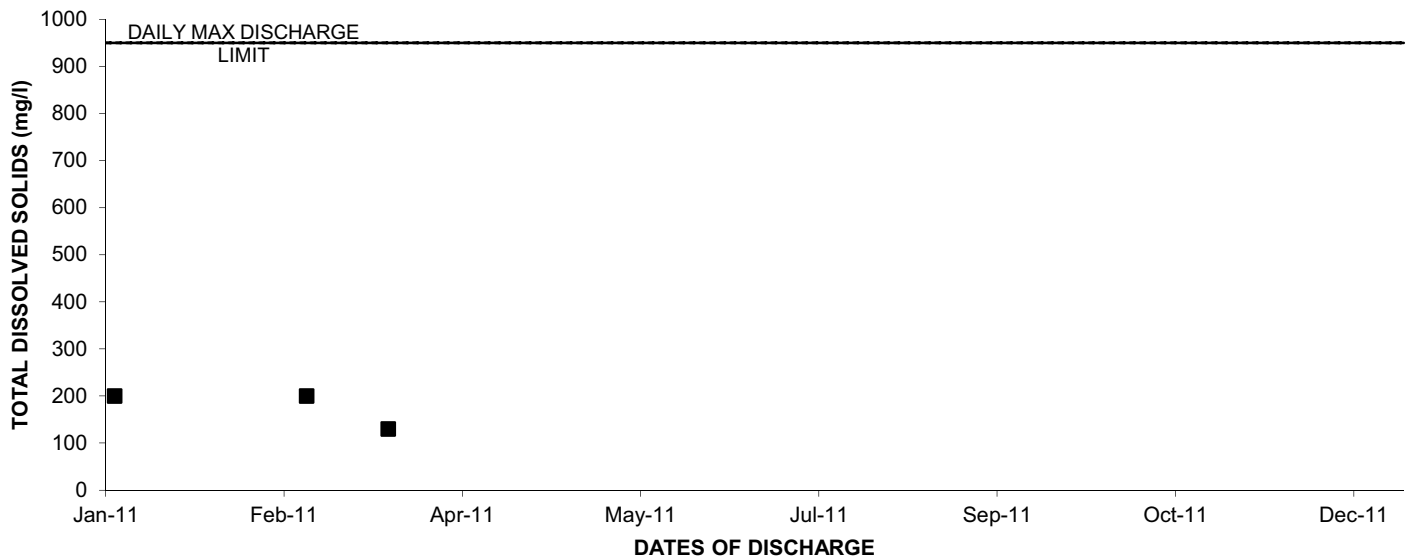
2011: OUTFALL 008 TEMPERATURE



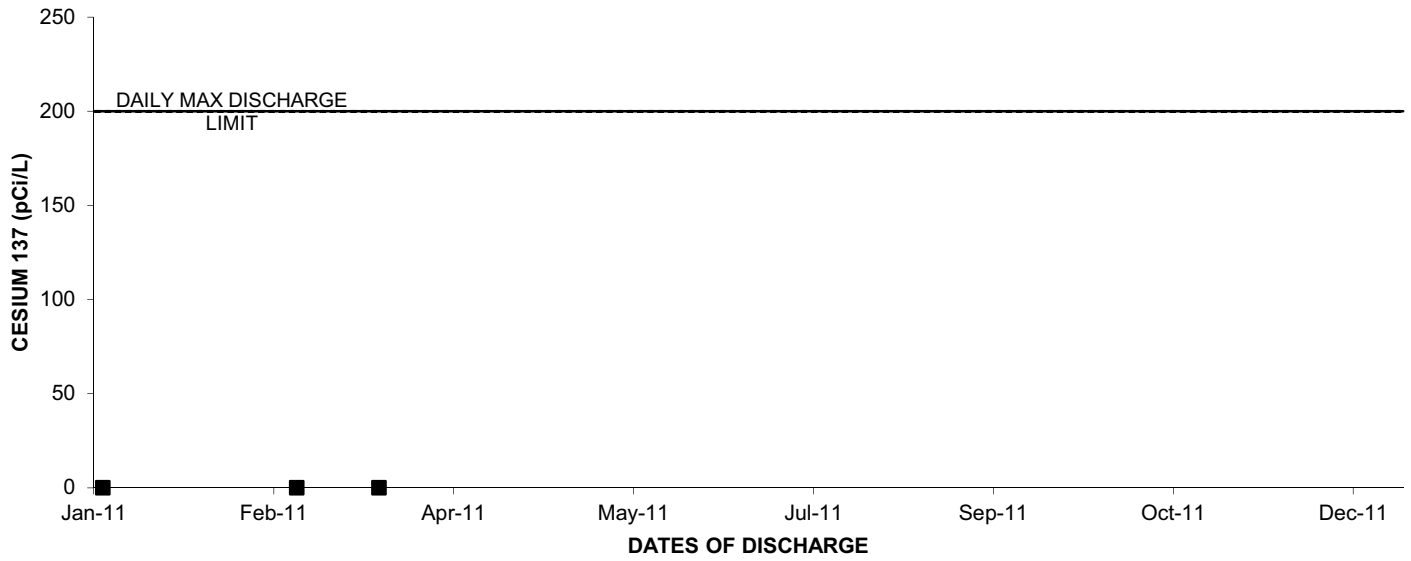
2011: OUTFALL 008 TOTAL CYANIDE



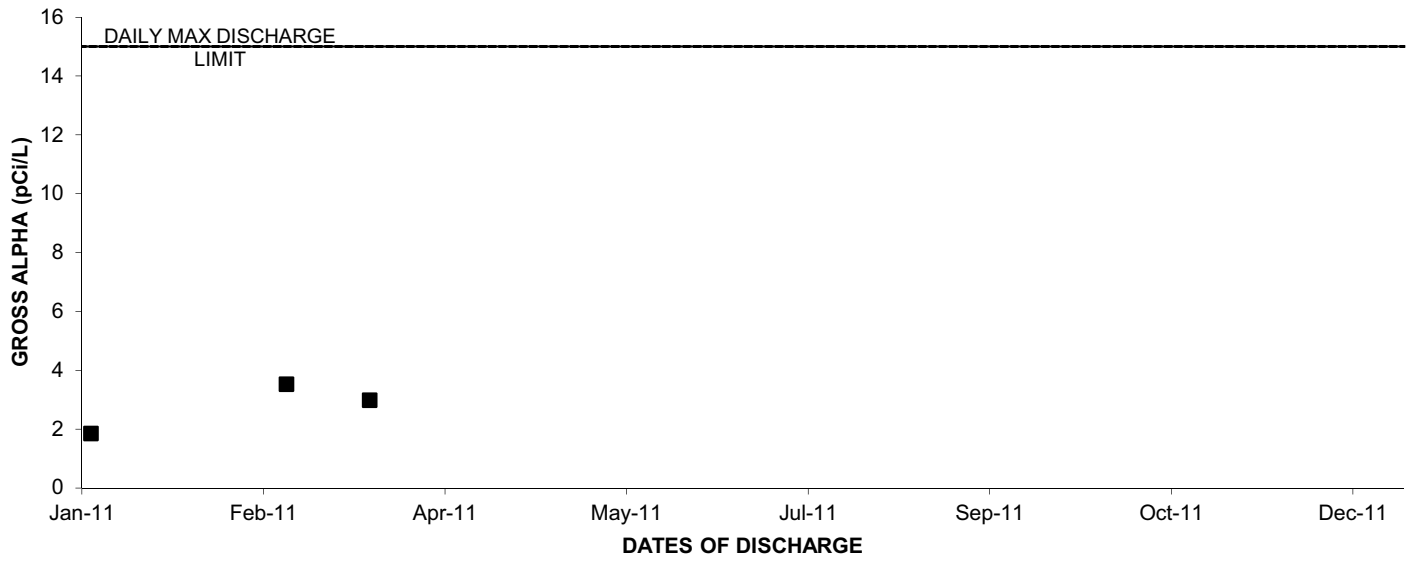
2011: OUTFALL 008 TOTAL DISSOLVED SOLIDS



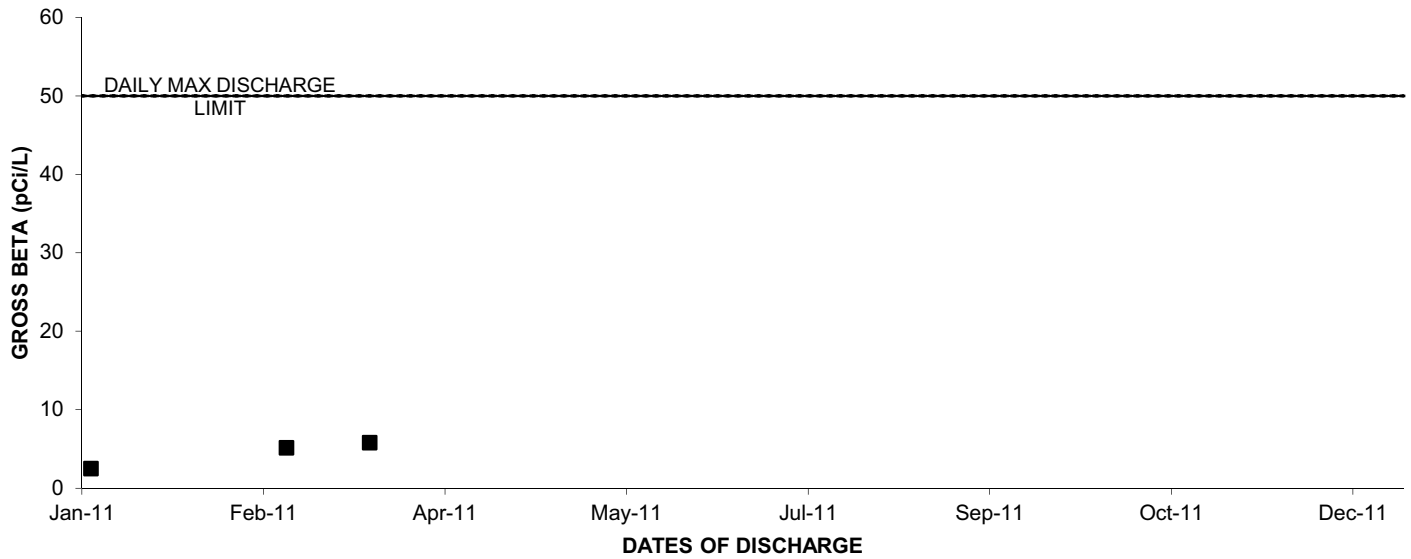
2011: OUTFALL 008 CESIUM 137



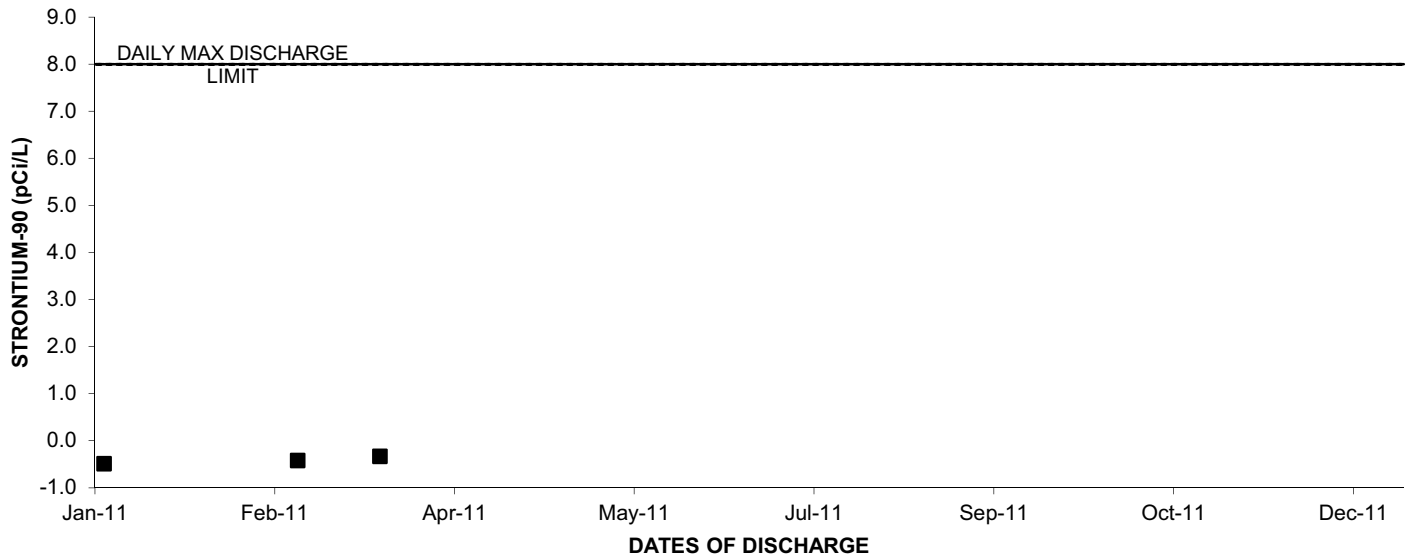
2011: OUTFALL 008 GROSS ALPHA



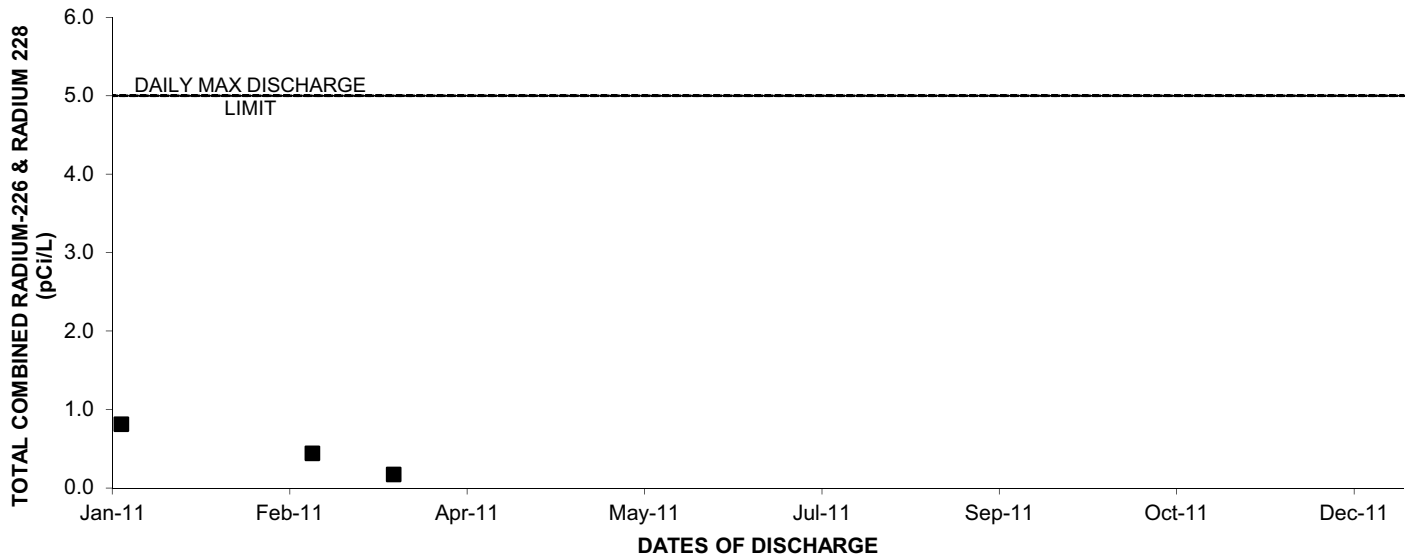
2011: OUTFALL 008 GROSS BETA



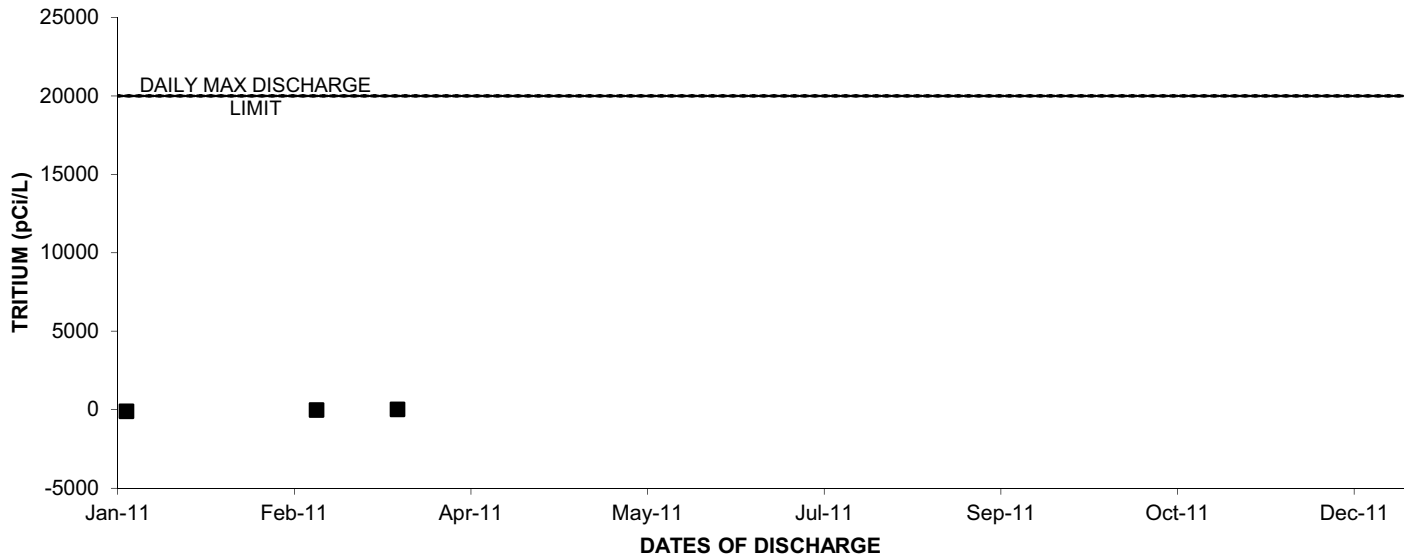
2011: OUTFALL 008 STRONTIUM-90



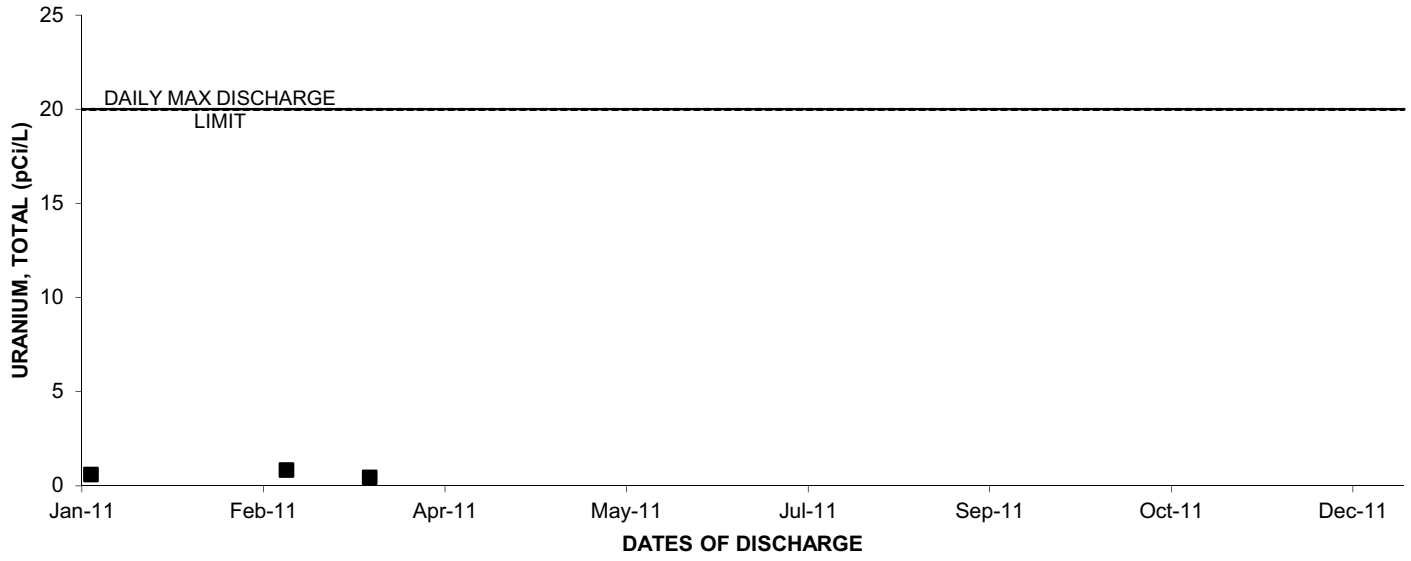
2011: OUTFALL 008 TOTAL COMBINED RADIUM-226 & RADIUM 228



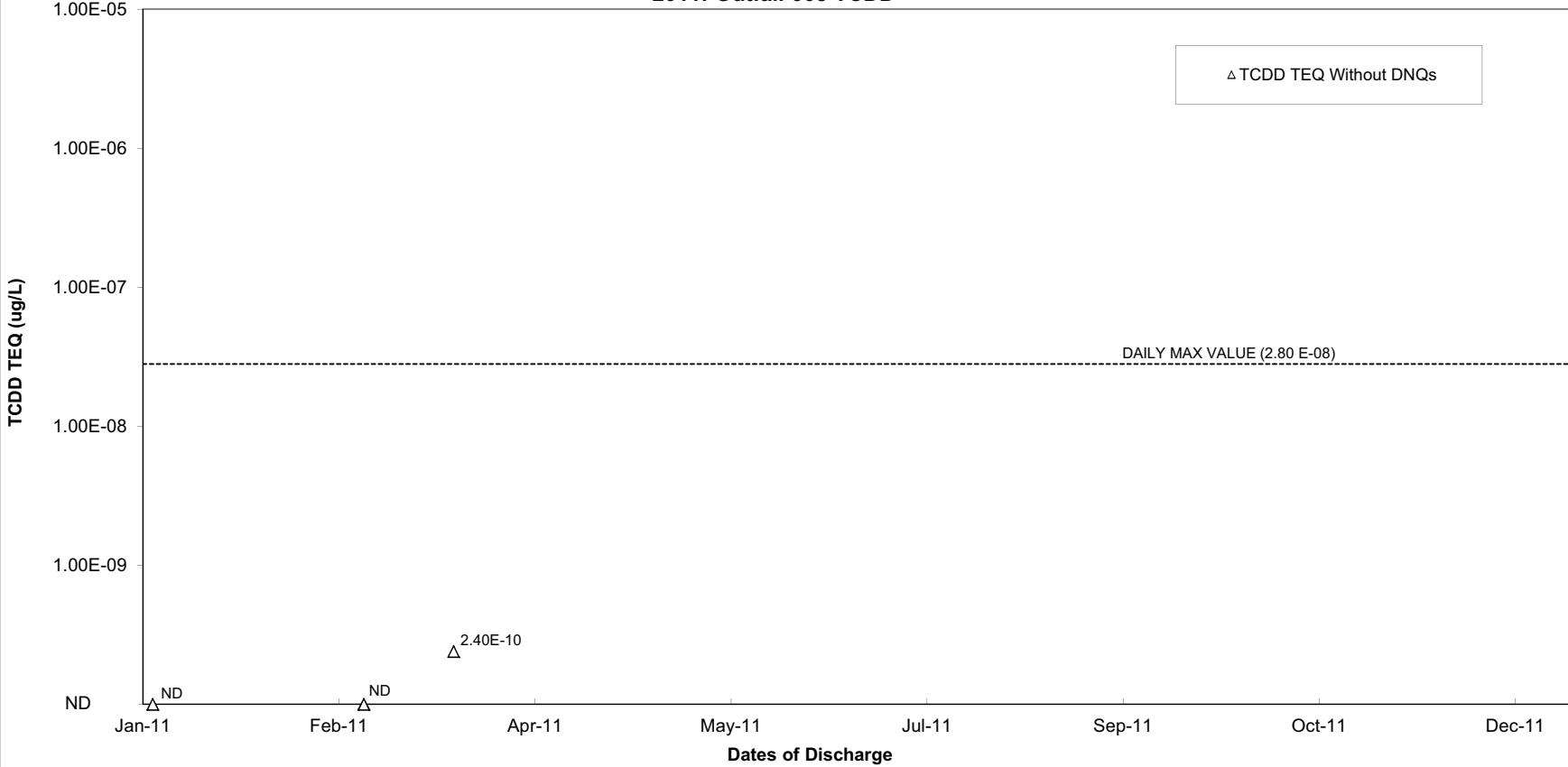
2011: OUTFALL 008 TRITIUM



2011: OUTFALL 008 URANIUM, TOTAL



2011: Outfall 008 TCDD



SECTION 5

OUTFALL 009 (WS-13 DRAINAGE)
ANNUAL 2011 REPORTING SUMMARY

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011			2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	Comp	ND < 2.2	U
Chloride	mg/L	150/-	Comp	5.8	*	Comp	1.8	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	Comp	0.12	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.52	*	Comp	0.33	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR	Grab	1200	*
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR	Grab	1200	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.1	*	Grab	7.8	*
Sulfate	mg/L	250/-	Comp	7.4	*	Comp	3.9	*
Temperature	deg. F	86/-	Grab	41	*	Grab	52	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	75	*	Comp	66	*
Hardness	mg/L	-/-	ANR	ANR	ANR	Comp	23	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	23	--
Total Suspended Solids	mg/L	-/-	Comp	2.0	J (DNQ)	Comp	1.0	J (DNQ)
Volume Discharged	MGD	17.8/-	Meas	0.160945	*	Meas	0.00725	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	Comp	410	J (Q)
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	130	--
Antimony	ug/L	6.0/-	Comp	1.9	Ja* (DNQ)	Comp	0.32	Ja* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	1.7	Ja* (DNQ)	Comp	0.30	Ja* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	ANR	ANR	ANR	Comp	0.047	J (DNQ)
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	0.043	J (DNQ)
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	Comp	6.2	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	6.3	--
Chromium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.25	*
Copper	ug/L	14/-	Comp	3.34	*	Comp	3.06	*
Copper, dissolved	ug/L	-/-	Comp	2.59	*	Comp	2.11	*
Iron	mg/L	-/-	ANR	ANR	ANR	Comp	0.50	--
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	0.061	--
Lead	ug/L	5.2/-	Comp	1.87	*	Comp	1.2	*
Lead, dissolved	ug/L	-/-	Comp	0.29	Ja* (DNQ)	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR	Comp	1.7	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	1.7	--
Mercury	ug/L	0.13/-	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	100/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.50	*
Silver	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 6.0	U

OUTFALL 009 (WS-13 Drainage)

ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011			2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
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	-/-	ANR	ANR	ANR	Comp	ND < 6.00	U
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 6.00	U
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	*
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.34	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	*
ADDITIONAL ANALYTES								
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 < 2.38	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
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 < 2.38	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.29	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.62	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.90	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.81	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.14	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 5.24	*

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011			2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
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	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	*
Anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
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 < 9.52	*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.90	*
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.81	*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
beta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.81	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	C*
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 < 3.81	*
Chlordane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.077	*
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/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.010	U
Chrysene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.22	*
delta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0034	*
Diazinon	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.10	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
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	ND < 3.33	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	*
Endrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	*

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011			2/16/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Fluorene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Heptachlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.81	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.76	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
Isophorone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	*
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.95	*
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.86	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.38	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	C*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.90	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.33	*
Phenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.90	*
Pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.81	*
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 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011			3/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	4.3	*	Comp	7.2	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.62	*	Comp	0.35	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	7.7	*	Grab	7.6	*
Sulfate	mg/L	250/-	Comp	5.0	*	Comp	11	*
Temperature	deg. F	86/-	Grab	49	*	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	95	*	Comp	130	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	6.0	Ja* (DNQ)	Comp	ND < 1.0	*
Volume Discharged	MGD	17.8/-	Meas	0.613675	*	Meas	0.044685	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.74	B, Ja* (DNQ)	Comp	0.73	J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.80	Ja* (DNQ)	Comp	0.79	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	0.16	B, Ja* (DNQ)	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	0.13	J* (DNQ)
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	3.17	*	Comp	2.77	*
Copper, dissolved	ug/L	-/-	Comp	1.90	Ja*	Comp	2.72	*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	0.94	Ja* (DNQ)	Comp	ND < 0.20	*
Lead, dissolved	ug/L	-/-	Comp	0.22	Ja* (DNQ)	Comp	0.23	J* (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	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	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011			3/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011			3/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	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
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/25/2011			3/3/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/7/2011			3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	7.7	*	Comp	2.8	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	ND < 0.15	*	Comp	0.54	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR	Comp	1600	*
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR	Comp	1600	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	7.6	*	Grab	7.6	*
Sulfate	mg/L	250/-	Comp	11	*	Comp	3.2	*
Temperature	deg. F	86/-	Grab	50	*	Grab	49	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	150	*	Comp	62	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	7.0	J (DNQ)	Comp	47	--
Volume Discharged	MGD	17.8/-	Meas	0.020805	*	Meas	11.64588	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.63	J* (DNQ)	Comp	0.84	Ja* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.88	J* (DNQ)	Comp	0.72	Ja* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	0.14	J* (DNQ)	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	3.24	*	Comp	4.92	*
Copper, dissolved	ug/L	-/-	Comp	2.86	*	Comp	1.96	Ja* (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	0.42	J* (DNQ)	Comp	5.1	*
Lead, dissolved	ug/L	-/-	Comp	0.34	J* (DNQ)	Comp	0.55	Ja* (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	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	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/7/2011			3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	0.20	J* (DNQ)	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/7/2011			3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	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
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/7/2011			3/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011			3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	ANR	ANR	ANR	ANR	ANR	ANR
E. Coli	MPN/100 ml	-/-	Grab	30.0	--	Grab	2.00	--
Fecal Coliform	MPN/100 ml	-/-	Grab	30.0	--	Grab	2.00	--
Oil & Grease	mg/L	15/-	ANR	ANR	ANR	ANR	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	mg/L	250/-	ANR	ANR	ANR	ANR	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Cyanide	ug/L	9.5/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	Meas	3.139235	*	Meas	0.125845	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011			3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011			3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	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
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2011			3/30/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/4/2011			4/8/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	ANR	ANR	ANR	ANR	ANR	ANR
E. Coli	MPN/100 ml	-/-	Grab	8.00	*	Grab	2.00	*
Fecal Coliform	MPN/100 ml	-/-	Grab	8.00	*	Grab	2.00	*
Oil & Grease	mg/L	15/-	ANR	ANR	ANR	ANR	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	mg/L	250/-	ANR	ANR	ANR	ANR	ANR	ANR
Temperature	deg. F	86/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Cyanide	ug/L	9.5/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	ANR	ANR	ANR	ANR	ANR
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/4/2011			4/8/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/4/2011			4/8/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	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
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

ANNUAL 2011 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/4/2011			4/8/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	10/5/2011			11/6/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	2.6	*	Comp	2.0	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.70	*	Comp	0.65	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.95	U	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	7.1	*	Grab	7.9	*
Sulfate	mg/L	250/-	Comp	6.5	*	Comp	4.2	*
Temperature	deg. F	86/-	Grab	60	*	Grab	58	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	M1, pH, P*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	55	*	Comp	50	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	6.0	J (DNQ)	Comp	6.0	J (DNQ)
Volume Discharged	MGD	17.8/-	Meas	0.05181	*	Meas	0.03588	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.57	Ja* (DNQ)	Comp	0.54	J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.65	Ja* (DNQ)	Comp	0.35	J*
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	6.5	*	Comp	3.5	*
Copper, dissolved	ug/L	-/-	Comp	6.2	*	Comp	4.3	*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	2.7	*	Comp	1.5	*
Lead, dissolved	ug/L	-/-	Comp	0.94	Ja* (DNQ)	Comp	0.40	J*
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	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	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	10/5/2011			11/6/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	0.23	J* (DNQ)
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	10/5/2011			11/6/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	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
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	10/5/2011			11/6/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/12/2011			11/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	1.7	*	Comp	1.8	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.59	*	Comp	0.40	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	6.9	*	Grab	7.4	*
Sulfate	mg/L	250/-	Comp	5.2	*	Comp	22	*
Temperature	deg. F	86/-	Grab	58	*	Grab	60	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	41	*	Comp	50	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	2.0	J (DNQ)	Comp	4.0	J (DNQ)
Volume Discharged	MGD	17.8/-	Meas	0.105005	*	Meas	0.088575	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	ND < 0.30	*	Comp	ND < 0.30	*
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*	Comp	ND < 0.30	*
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.8	*	Comp	1.6	Ja* (DNQ)
Copper, dissolved	ug/L	-/-	Comp	2.1	*	Comp	1.8	Ja* (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	2.4	*	Comp	1.1	*
Lead, dissolved	ug/L	-/-	Comp	0.52	J*	Comp	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	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	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/12/2011			11/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/12/2011			11/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	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
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/12/2011			11/20/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/12/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	1.2	--
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.40	--
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	U
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	6.9	*
Sulfate	mg/L	250/-	Comp	36	--
Temperature	deg. F	86/-	Grab	53	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	UJ (R)
Total Dissolved Solids	mg/L	850/-	Comp	69	--
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	6.0	J (DNQ)
Volume Discharged	MGD	17.8/-	Meas	0.09197	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.67	J (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.55	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	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	-/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.3	--
Copper, dissolved	ug/L	-/-	Comp	1.5	J (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	1.3	--
Lead, dissolved	ug/L	-/-	Comp	0.21	J (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/12/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Thallium	ug/L	2.0/-	Comp	ND < 1.0	U (B)
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR
1,1-Dichloroethene	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	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
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	-/-	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/12/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	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
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR
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
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/12/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date January 3, 2011**

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	6.00E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	7.00E-07	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	8.90E-07	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	8.20E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.90E-07	5.00E-05	7.70E-07	J (DNQ)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	7.60E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	3.10E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.50E-06	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	6.90E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	5.10E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	3.50E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	5.70E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	4.00E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	3.60E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.10E-06	1.00E-04	1.80E-04	--	0.0001	0.01	1.80E-10
OCDF	5.00E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	1.80E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

**OUTFALL 009 (WS-13 Drainage)
ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 16, 2011**

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	9.20E-07	5.00E-05	1.60E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	5.40E-07	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	7.20E-07	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	6.50E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	4.20E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	6.20E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	3.30E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	5.60E-07	5.00E-05	6.50E-07	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.70E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.20E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	5.70E-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	6.20E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	3.40E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	5.10E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.80E-06	1.00E-04	2.30E-04	--	0.0001	0.01	2.30E-10
OCDF	7.60E-07	1.00E-04	1.20E-05	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.30E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 25, 2011**

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	1.30E-06	5.00E-05	1.70E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	7.30E-07	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	8.60E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	5.30E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	7.00E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	4.60E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	7.50E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	6.30E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.90E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.10E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.30E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	9.40E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	7.30E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.50E-06	1.00E-04	1.90E-04	--	0.0001	0.01	1.90E-10
OCDF	2.00E-06	1.00E-04	1.60E-05	J (DNQ)	0.0001	0.02	ND

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 3, 2011**

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	1.80E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.40E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.70E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.20E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.00E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.00E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	9.70E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.80E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.20E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.50E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	2.20E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	9.40E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	2.40E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.70E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	5.40E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.70E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	3.70E-06	1.00E-04	ND	U	0.0001	0.02	ND

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 7, 2011**

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	2.00E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.90E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	4.00E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.90E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.10E-06	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.70E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U (B)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.60E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.30E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.80E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	2.30E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	9.80E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	2.50E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.80E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.20E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	5.80E-06	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	4.10E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 20, 2011**

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	5.20E-06	5.00E-05	1.50E-04	--	0.01	0.05	7.50E-08
1,2,3,4,6,7,8-HpCDF	5.00E-06	5.00E-05	5.40E-05	--	0.01	0.01	5.40E-09
1,2,3,4,7,8,9-HpCDF	7.40E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	2.20E-06	5.00E-05	ND	UJ (*III)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.10E-06	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.00E-06	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.90E-06	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.80E-06	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.60E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.80E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.70E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.90E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	1.90E-06	J (DNQ)	1	1	ND
2,3,7,8-TCDF	1.70E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.10E-05	1.00E-04	1.90E-03	--	0.0001	0.01	1.90E-09
OCDF	6.60E-06	1.00E-04	1.30E-04	--	0.0001	0.02	2.60E-10

TCDD TEQ w/out DNQ Values	8.26E-08
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

**OUTFALL 009 (WS-13 Drainage)
ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type: Composite
Sample Date: October 5, 2011**

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	5.50E-06	5.00E-05	2.50E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	7.30E-06	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.00E-05	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	6.40E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	8.00E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	6.40E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	7.20E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	5.40E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	9.00E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.20E-05	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.40E-05	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	7.20E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.60E-05	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	4.30E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	5.30E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.70E-05	1.00E-04	2.30E-04	--	0.0001	0.01	2.30E-10
OCDF	1.00E-05	1.00E-04	ND	UJ (*III)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.30E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type: Composite
Sample Date: November 6, 2011**

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	6.10E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	3.50E-07	5.00E-05	6.70E-06	J (DNQ)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	4.70E-07	5.00E-05	ND	U (B)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	5.20E-07	5.00E-05	ND	UJ (*III)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	3.50E-07	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	4.60E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	3.20E-07	5.00E-05	ND	U (B)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	4.50E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	3.60E-07	5.00E-05	ND	U (B)	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.00E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	9.40E-07	5.00E-05	1.60E-06	J (DNQ)	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	3.10E-07	5.00E-05	ND	U (B)	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.00E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	5.80E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	7.50E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.50E-06	1.00E-04	3.20E-04	--	0.0001	0.01	3.20E-10
OCDF	8.50E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	3.20E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type: Composite
Sample Date: November 12, 2011**

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	1.80E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.10E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.50E-06	5.00E-05	ND	U (B)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.10E-06	5.00E-05	1.70E-06	J (DNQ)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	7.40E-07	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.00E-06	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	7.00E-07	5.00E-05	ND	U (B)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	8.60E-07	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	8.10E-07	5.00E-05	ND	U (B)	0.1	0.6	ND
1,2,3,7,8-PeCDD	2.80E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	2.30E-06	5.00E-05	ND	U (B)	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	6.70E-07	5.00E-05	ND	UJ (*III)	0.1	0.7	ND
2,3,4,7,8-PeCDF	2.40E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.30E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.80E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	5.80E-06	6.80E-04	ND	U (B)	0.0001	0.01	ND
OCDF	2.20E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

**OUTFALL 009 (WS-13 Drainage)
ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type: Composite
Sample Date: November 20, 2011**

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	8.60E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	8.10E-07	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	5.00E-05	ND	UJ (*III)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	7.90E-07	5.00E-05	ND	U (B)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	5.40E-07	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	7.20E-07	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	5.10E-07	5.00E-05	1.70E-06	J (DNQ)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	7.00E-07	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	5.50E-07	5.00E-05	ND	U (B)	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.60E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.60E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.60E-07	5.00E-05	ND	U (B)	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.80E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	1.40E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.10E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	3.40E-06	1.00E-04	4.20E-04	--	0.0001	0.01	4.20E-10
OCDF	2.20E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	4.20E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type: Composite
Sample Date: December 12, 2011**

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	6.60E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	8.10E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.10E-06	5.00E-05	ND	U (B)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.00E-06	5.00E-05	ND	U (B)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	1.10E-06	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	9.00E-07	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.00E-06	5.00E-05	ND	U (B)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	8.10E-07	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	1.10E-06	5.00E-05	ND	U (B)	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.90E-06	5.00E-05	ND	U (B)	1	0.9	ND
1,2,3,7,8-PeCDF	2.70E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	8.70E-07	5.00E-05	ND	U (B)	0.1	0.7	ND
2,3,4,7,8-PeCDF	3.20E-06	5.00E-05	ND	U (B)	0.5	1.6	ND
2,3,7,8-TCDD	1.10E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.10E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.60E-06	1.00E-04	2.00E-04	--	0.0001	0.01	2.00E-10
OCDF	1.30E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	2.00E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/03/2011 (Comp)			02/16/2011 (Comp)			02/25/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY											
Gross Alpha	pCi/L	15/-	0.929 ± 0.34	0.378	J (C, DNQ)	0.515 ± 0.26	0.36	J (DNQ)	0.905 ± 0.30	0.343	J (C, DNQ)
Gross Beta	pCi/L	50/-	1.22 ± 0.58	0.891	J (DNQ)	1.13 ± 0.56	0.902	J (E, DNQ)	1.44 ± 0.57	0.903	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.02 ± 0.44	1.03	U	-0.121 ± 0.40	0.897	U	0.054 ± 0.43	0.997	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.63 ± 0.49	1.15	U	0.29 ± 0.42	1.11	U	0.83 ± 0.47	1.07	U
Tritium	pCi/L	20000/-	-84 ± 150	263	U	-103 ± 120	222	U	-50.6 ± 100	174	U
Uranium, Total	pCi/L	20/-	0.092 ± 0.012	0.016	J (DNQ)	0.092 ± 0.013	0.017	J (DNQ)	0.116 ± 0.016	0.022	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 23.9	23.9	U	ND < 16.8	16.8	U	ND < 21.5	21.5	U
Cesium 137	pCi/L	200/-	ND < 1.19	1.19	U	ND < 1.19	1.19	U	ND < 1.29	1.29	U

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/03/2011 (Comp)			03/07/2011 (Comp)			03/20/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY											
Gross Alpha	pCi/L	15/-	0.226 ± 0.22	0.341	UJ (C)	0.649 ± 0.31	0.359	J (C, DNQ)	2.29 ± 0.50	0.409	J (C, DNQ)
Gross Beta	pCi/L	50/-	1.42 ± 0.64	0.999	J (DNQ)	1.49 ± 0.65	1	J (DNQ)	8.13 ± 0.74	0.827	--
Strontium-90	pCi/L	8.0/-	-0.007 ± 0.49	1.11	U	-0.064 ± 0.44	1.04	U	-0.044 ± 0.34	0.798	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.42 ± 0.49	1.32	U	0.17 ± 0.47	1.23	U	0.09 ± 0.43	1.28	U
Tritium	pCi/L	20000/-	80.4 ± 89	146	U	81.6 ± 89	146	U	-35.9 ± 99	169	U
Uranium, Total	pCi/L	20/-	0.087 ± 0.032	0.025	J (DNQ)	0.141 ± 0.019	0.025	J (DNQ)	0.247 ± 0.030	0.02	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 21	21	U	ND < 24.7	24.7	U	ND < 30.8	30.8	U
Cesium 137	pCi/L	200/-	ND < 1.55	1.55	U	ND < 1.64	1.64	U	ND < 1.56	1.56	U

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	10/05/2011 (Comp)			11/06/2011 (Comp)			11/12/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY											
Gross Alpha	pCi/L	15/-	1.49 ± 0.39	0.327	J (DNQ)	0.563 ± 0.29	0.366	J (DNQ)	0.757 ± 0.29	0.335	J (L, DNQ)
Gross Beta	pCi/L	50/-	2.95 ± 0.58	0.798	J (DNQ)	1.7 ± 0.55	0.824	J (DNQ)	2.33 ± 0.64	0.945	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.047 ± 0.35	0.824	U	0.03 ± 0.26	0.511	U	0.015 ± 0.33	0.745	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.28 ± 0.44	1.09	U	0.33 ± 0.41	0.97	U	0.64 ± 0.44	1.04	U
Tritium	pCi/L	20000/-	-66.2 ± 120	206	U	-3.07 ± 92	156	U	-5.76 ± 220	142	U
Uranium, Total	pCi/L	20/-	0.07 ± 0.013	0.022	--	0.107 ± 0.014	0.017	J (DNQ)	0.061 ± 0.010	0.017	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 13	13	U	ND < 26.2	26.2	U	ND < 12.4	12.4	U
Cesium 137	pCi/L	200/-	ND < 1.06	1.06	U	ND < 0.966	0.966	U	ND < 1.07	1.07	U

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/20/2011 (Comp)			12/12/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	0.368 ± 0.19	0.209	J (DNQ)	0.621 ± 0.32	0.409	J (C, DNQ)
Gross Beta	pCi/L	50/-	1.64 ± 0.60	0.912	J (DNQ)	1.59 ± 0.59	0.896	J (DNQ)
Strontium-90	pCi/L	8.0/-	0.039 ± 0.37	0.798	U	0.094 ± 0.48	1.05	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.79 ± 0.53	1.35	U	0.11 ± 0.36	1.01	U
Tritium	pCi/L	20000/-	-20.4 ± 89	152	U	-33.7 ± 91	156	U
Uranium, Total	pCi/L	20/-	0.365 ± 0.040	0.017	J (DNQ)	0.05 ± 0.009	0.016	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 18	18	U	ND < 19.5	19.5	U
Cesium 137	pCi/L	200/-	ND < 1.25	1.25	U	ND < 1.6	1.6	U

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/3/2011			2/16/2011			2/25/2011		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.26074		Meas	0.00725		Meas	0.61368	
Chloride	LBS/DAY	22,268/-	Comp	12.61	*	Comp	0.11	*	Comp	22.01	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	Comp	0.01	*	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	1.13	*	Comp	0.02	*	Comp	3.17	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR	Comp	ND	*	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	16.09	*	Comp	0.24	*	Comp	25.59	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	163.09	*	Comp	3.99	*	Comp	486.21	*
Antimony	LBS/DAY	0.89/-	Comp	0.004	Ja* (DNQ)	Comp	0.00002	Ja* (DNQ)	Comp	0.004	B, Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	Comp	0.003	J (DNQ)	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.01	*	Comp	0.0002	*	Comp	0.02	*
Lead	LBS/DAY	0.77/-	Comp	0.004	*	Comp	0.0001	*	Comp	0.005	Ja* (DNQ)
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	Comp	ND	U	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*	Comp	ND	*	Comp	ND	*
TCDD TEQ NoDNQ	LBS/DAY	4.20E-09/-	Comp	3.91E-13	--	Comp	1.39E-14	--	Comp	9.72E-13	--

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/3/2011			3/7/2011			3/20/2011		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.04469		Meas	0.02135		Meas	11.6459	
Chloride	LBS/DAY	22,268/-	Comp	2.68	*	Comp	1.37	*	Comp	271.95	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.13	*	Comp	ND	*	Comp	52.45	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	4.10	*	Comp	1.96	*	Comp	310.81	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	48.45	*	Comp	26.70	*	Comp	6021.85	*
Antimony	LBS/DAY	0.89/-	Comp	0.0003	J* (DNQ)	Comp	0.0001	J* (DNQ)	Comp	0.08	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.001	*	Comp	0.0006	*	Comp	0.48	*
Lead	LBS/DAY	0.77/-	Comp	ND	*	Comp	0.0001	J* (DNQ)	Comp	0.50	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*	Comp	ND	*	Comp	ND	*
TCDD TEQ NoDNQ	LBS/DAY	4.20E-09/-	Comp	ND	--	Comp	ND	--	Comp	8.02E-09	--

OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	10/5/2011			11/6/2011			11/12/2011		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.05181		Meas	0.03588		Meas	0.10501	
Chloride	LBS/DAY	22,268/-	Comp	1.12	*	Comp	0.60	*	Comp	1.49	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.30	*	Comp	0.19	*	Comp	0.52	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	U	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	2.81	*	Comp	1.26	*	Comp	4.55	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	M1, pH, P*	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	23.77	*	Comp	14.96	*	Comp	35.91	*
Antimony	LBS/DAY	0.89/-	Comp	0.0002	Ja* (DNQ)	Comp	0.0002	J* (DNQ)	Comp	ND	*
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.003	*	Comp	0.001	*	Comp	0.002	*
Lead	LBS/DAY	0.77/-	Comp	0.001	*	Comp	0.0004	*	Comp	0.002	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*	Comp	0.0001	J* (DNQ)	Comp	ND	*
TCDD TEQ NoDNQ	LBS/DAY	4.20E-09/-	Comp	9.94E-14	--	Comp	9.58E-14	--	Comp	ND	--

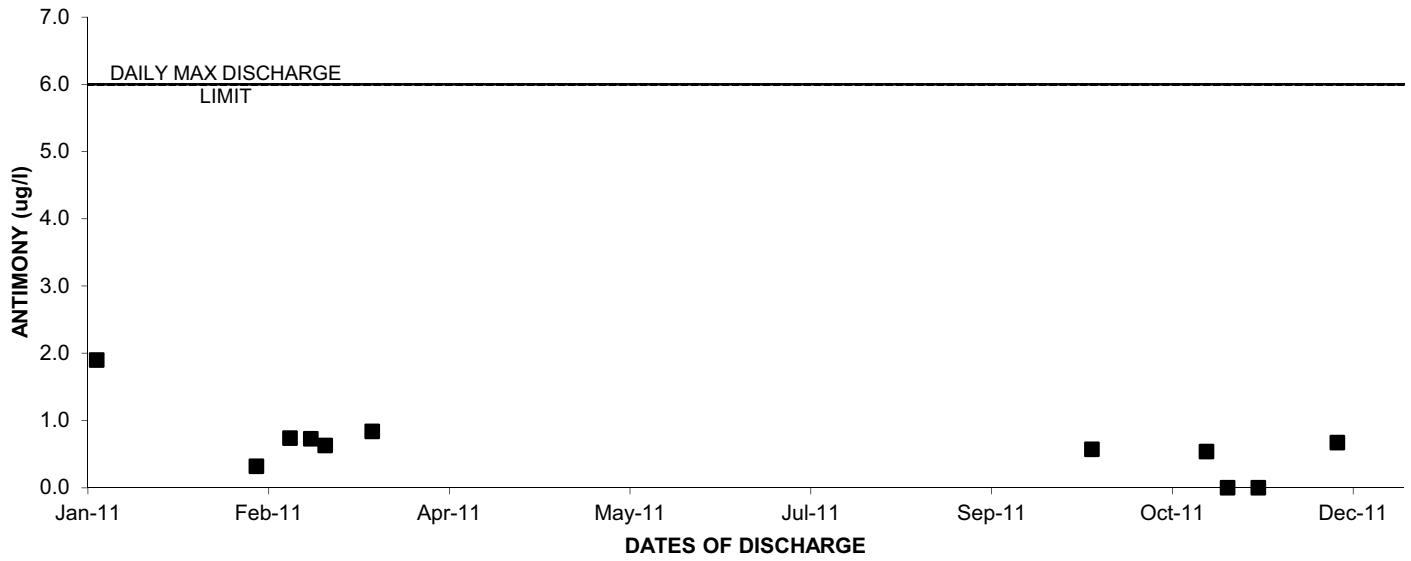
OUTFALL 009 (WS-13 Drainage)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

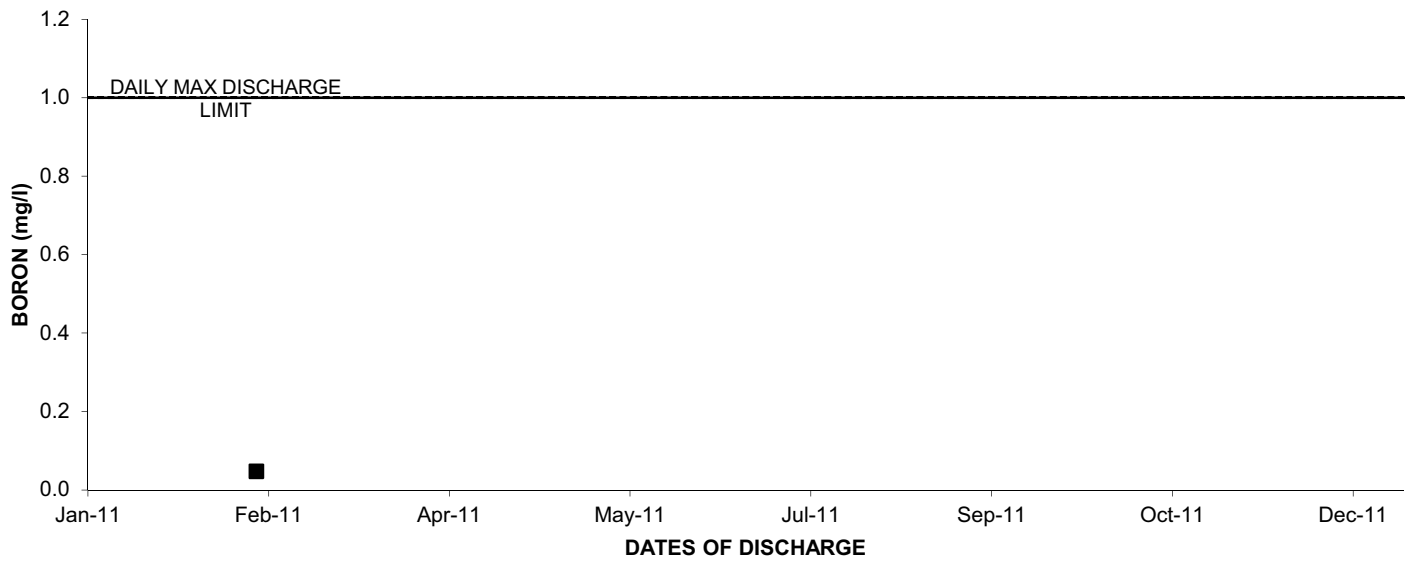
January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/20/2011			12/12/2011		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.08858		Meas	0.09197	
Chloride	LBS/DAY	22,268/-	Comp	1.33	*	Comp	0.92	--
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.30	*	Comp	0.31	--
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	U
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	16.25	*	Comp	27.61	--
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*	Comp	ND	UJ (R)
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	36.94	*	Comp	52.93	--
Antimony	LBS/DAY	0.89/-	Comp	ND	*	Comp	0.001	J (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.001	Ja* (DNQ)	Comp	0.002	--
Lead	LBS/DAY	0.77/-	Comp	0.001	*	Comp	0.001	--
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*	Comp	ND	U (B)
TCDD TEQ NoDNQ	LBS/DAY	4.20E-09/-	Comp	3.10E-13	--	Comp	1.53E-13	--

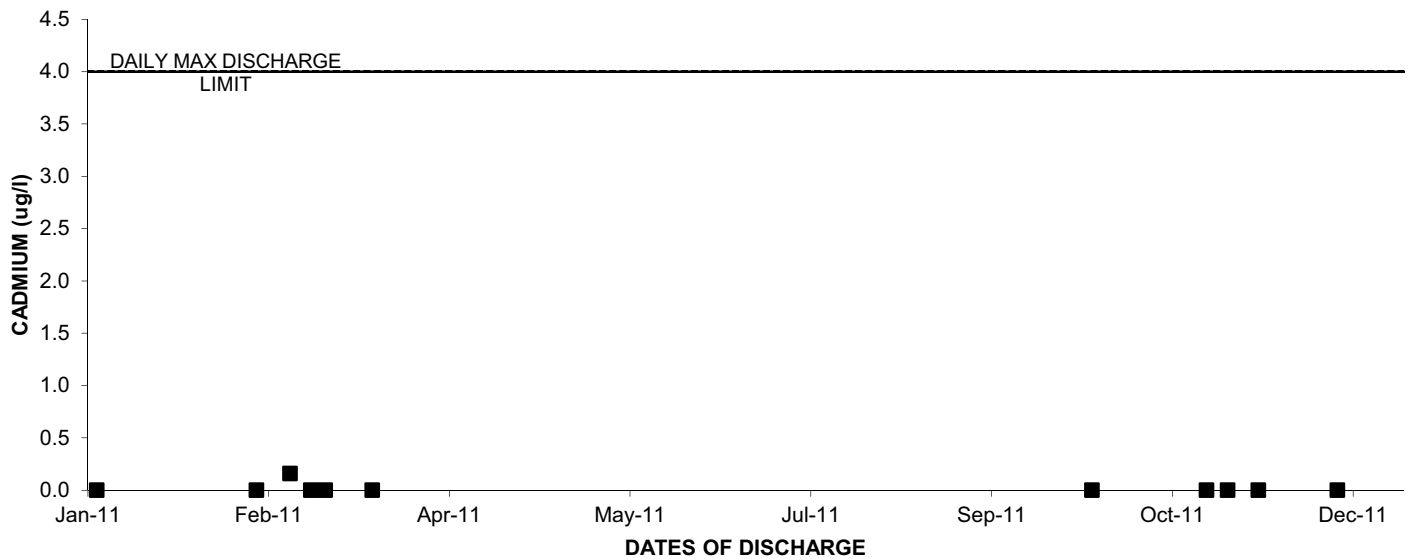
2011: OUTFALL 009 ANTIMONY



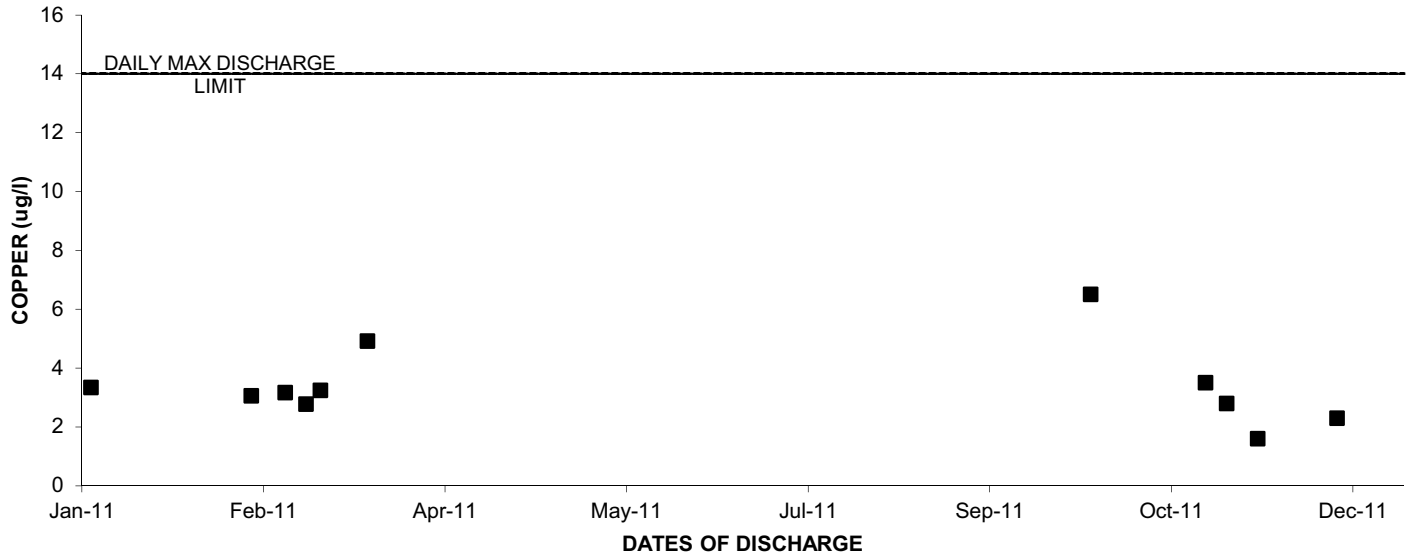
2011: OUTFALL 009 BORON



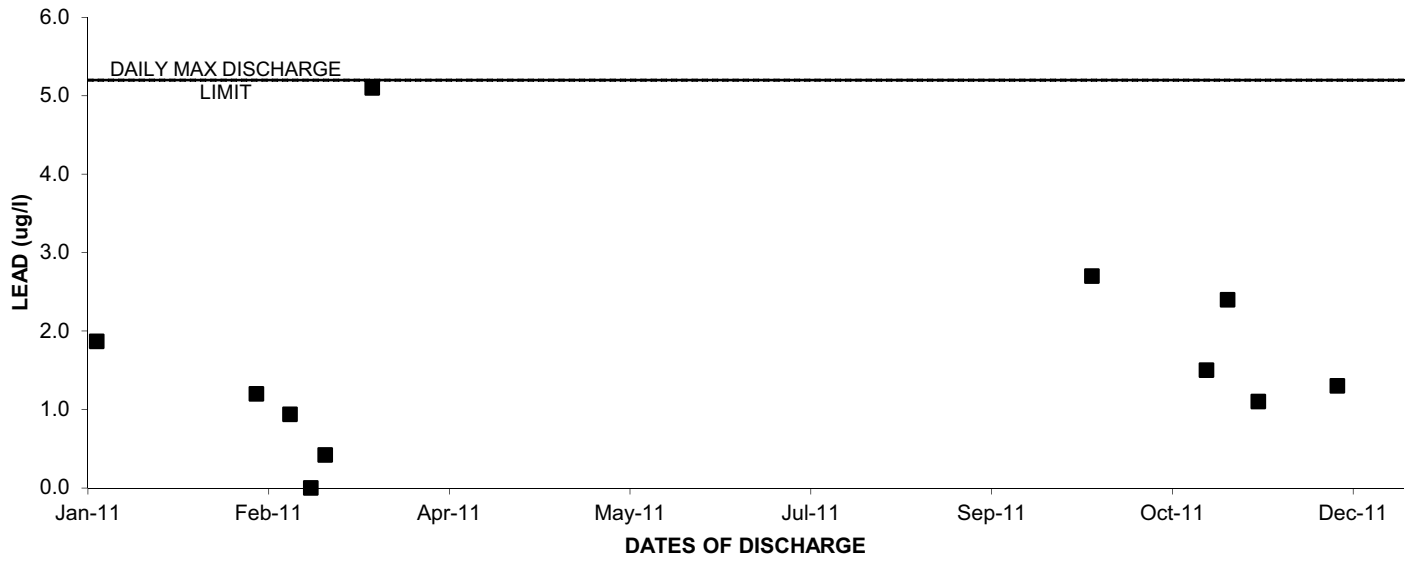
2011: OUTFALL 009 CADMIUM



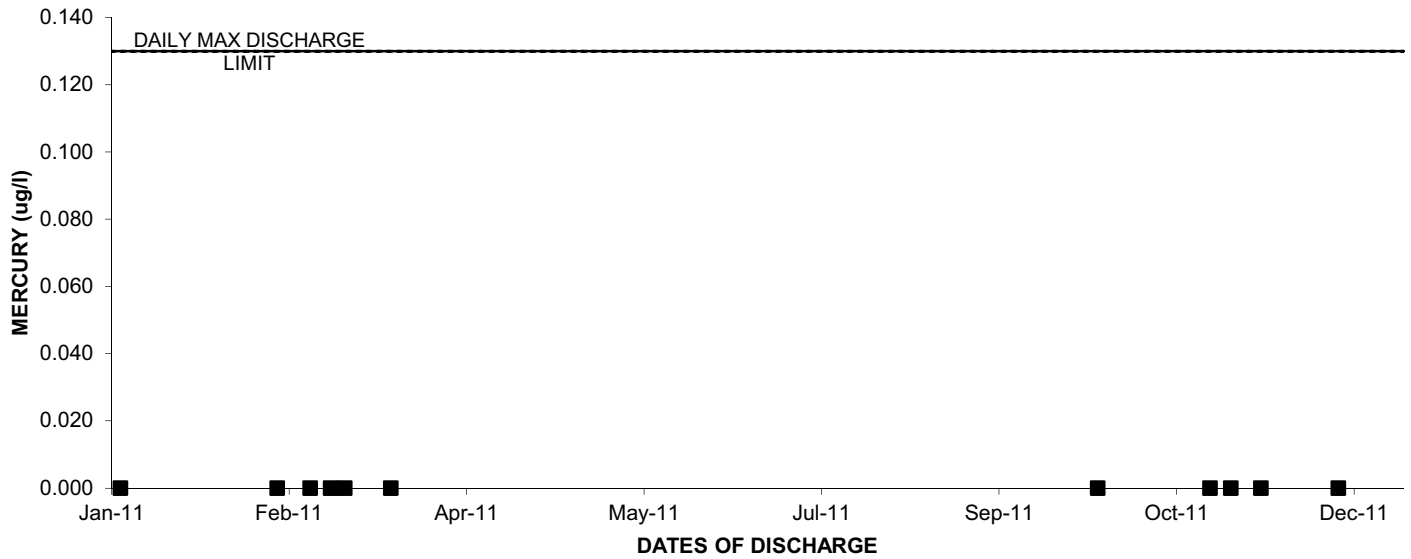
2011: OUTFALL 009 COPPER



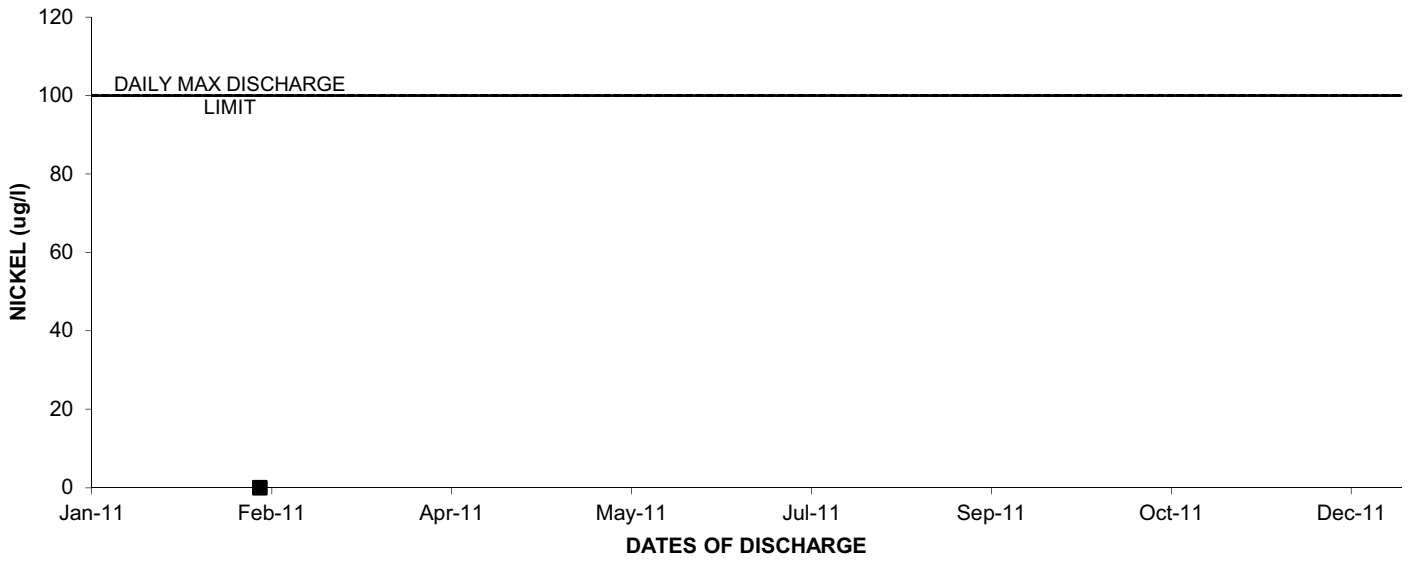
2011: OUTFALL 009 LEAD



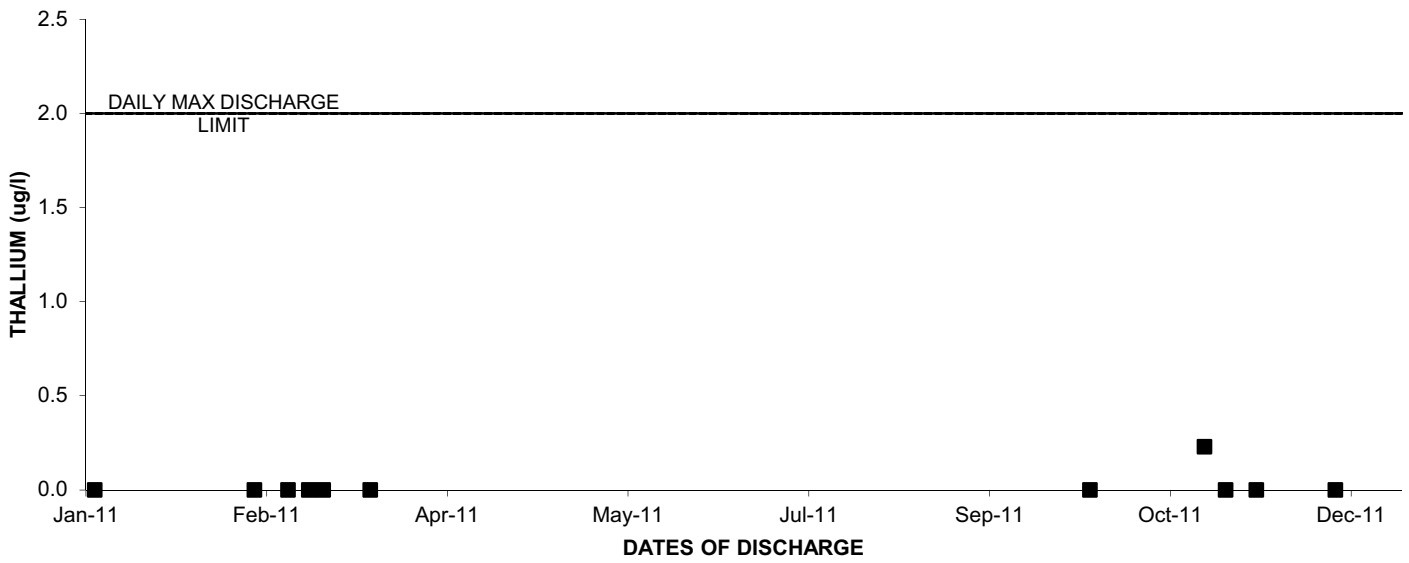
2011: OUTFALL 009 MERCURY



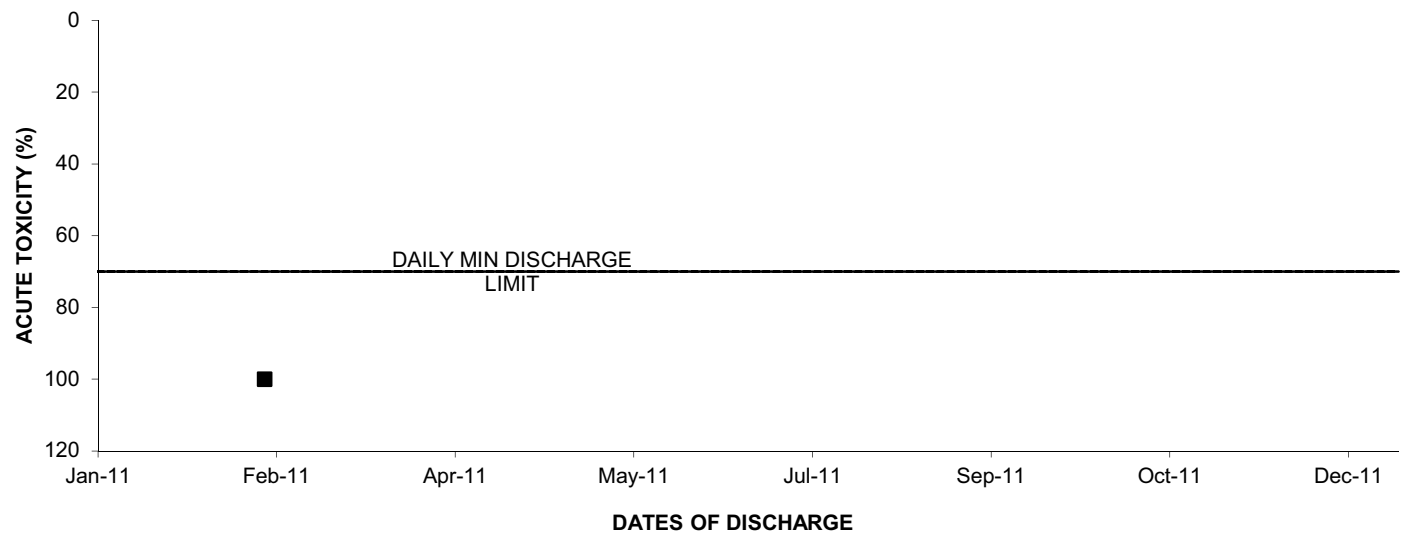
2011: OUTFALL 009 NICKEL



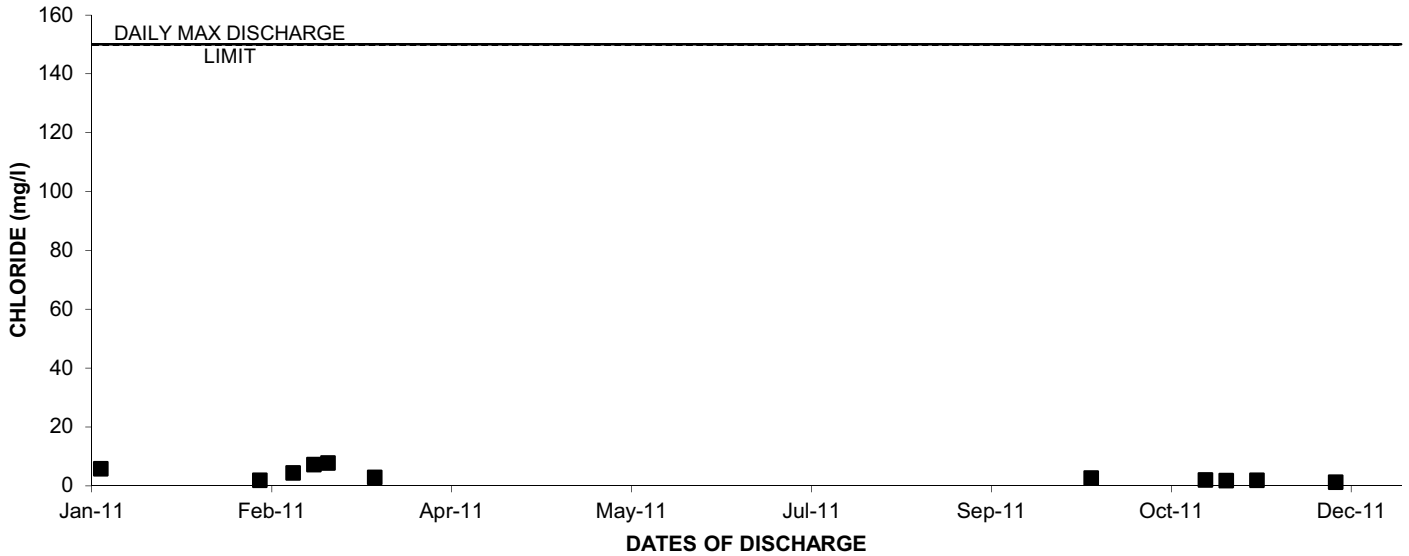
2011: OUTFALL 009 THALLIUM



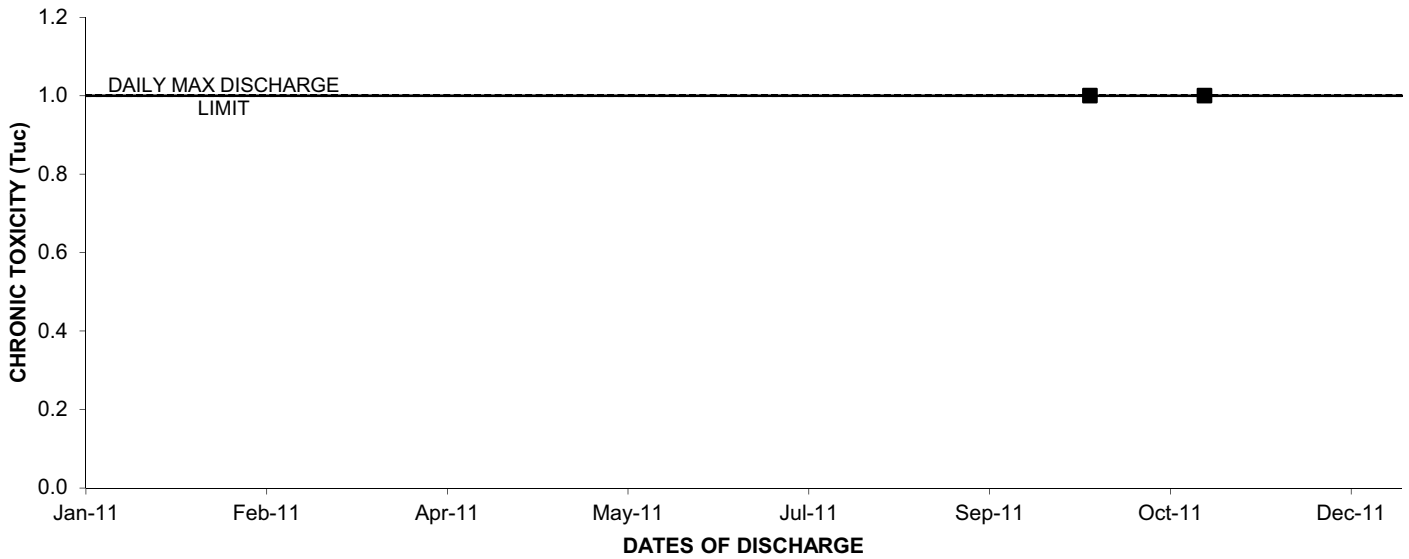
2011: OUTFALL 009 ACUTE TOXICITY



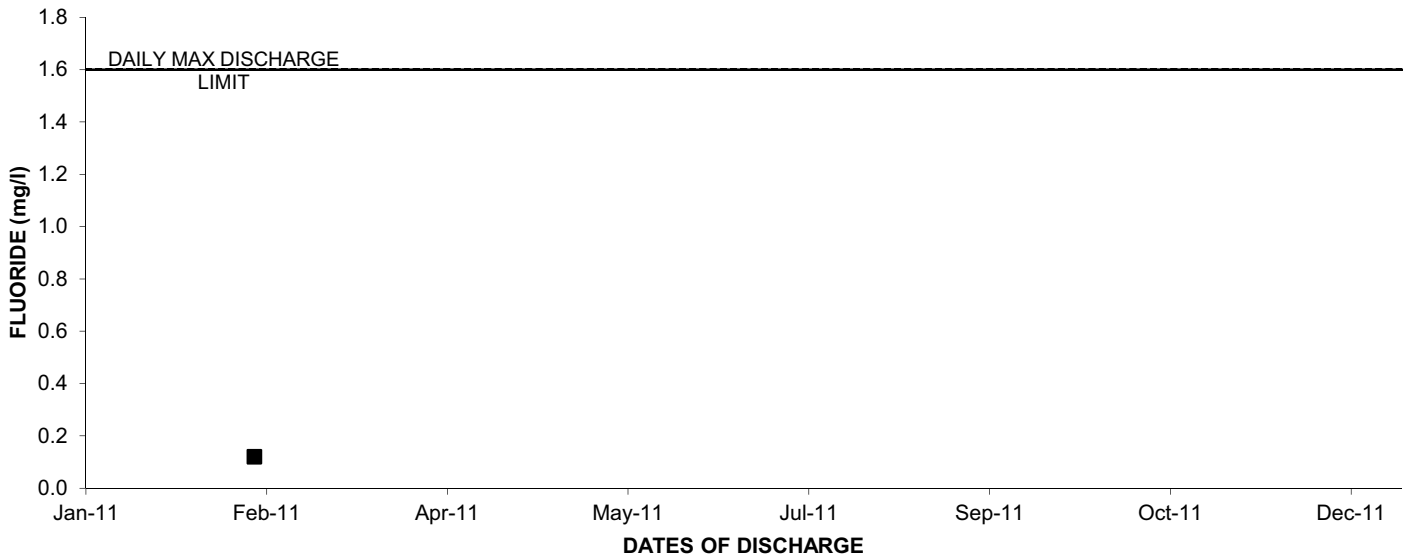
2011: OUTFALL 009 CHLORIDE



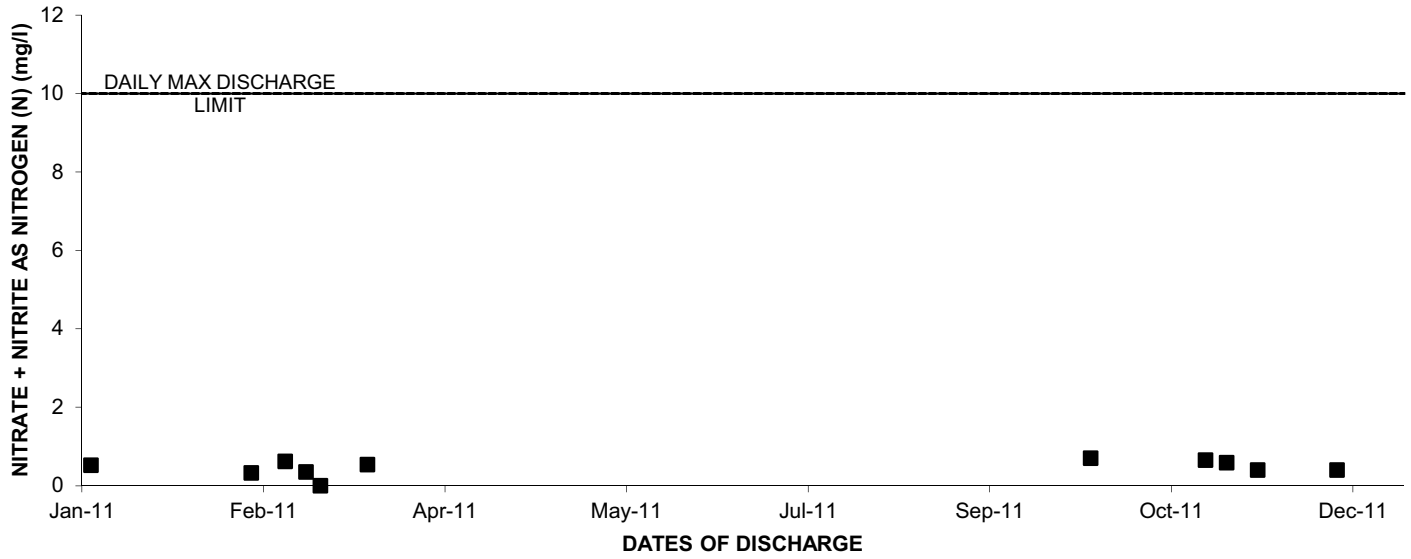
2011: OUTFALL 009 CHRONIC TOXICITY



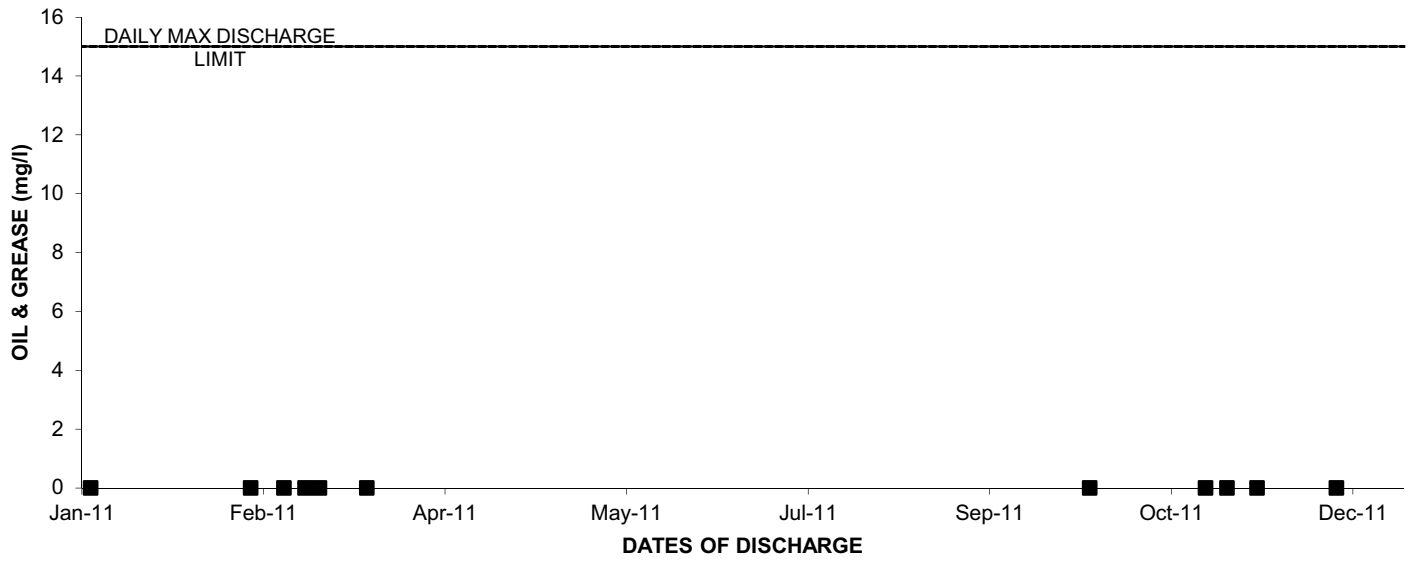
2011: OUTFALL 009 FLUORIDE



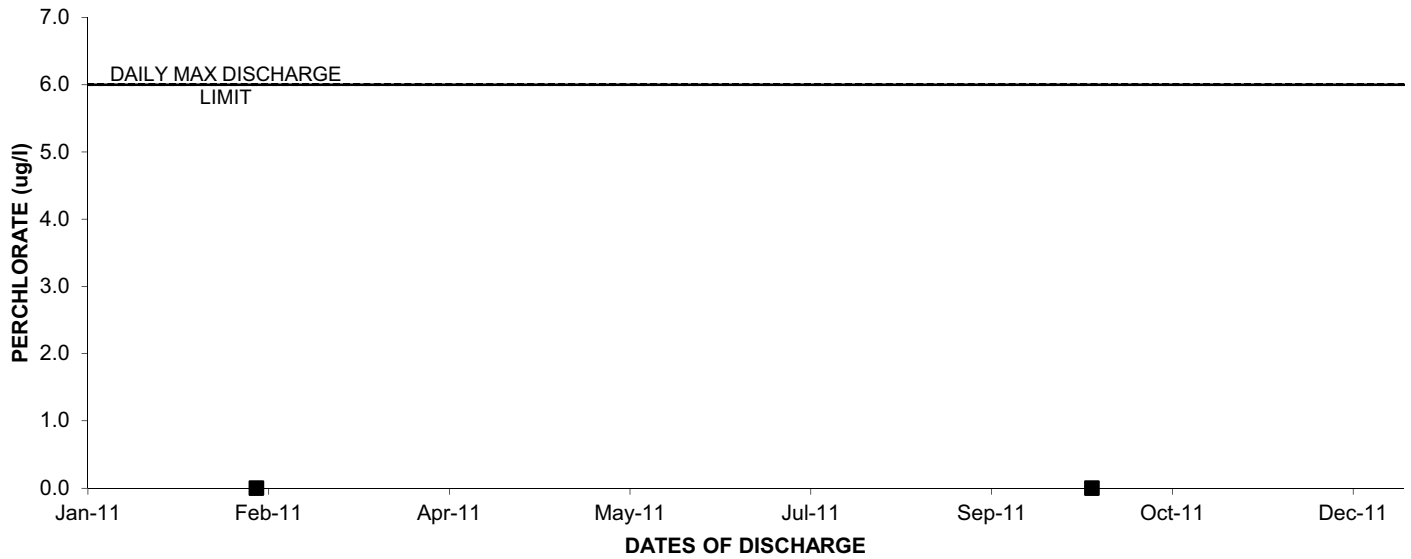
2011: OUTFALL 009 NITRATE + NITRITE AS NITROGEN (N)



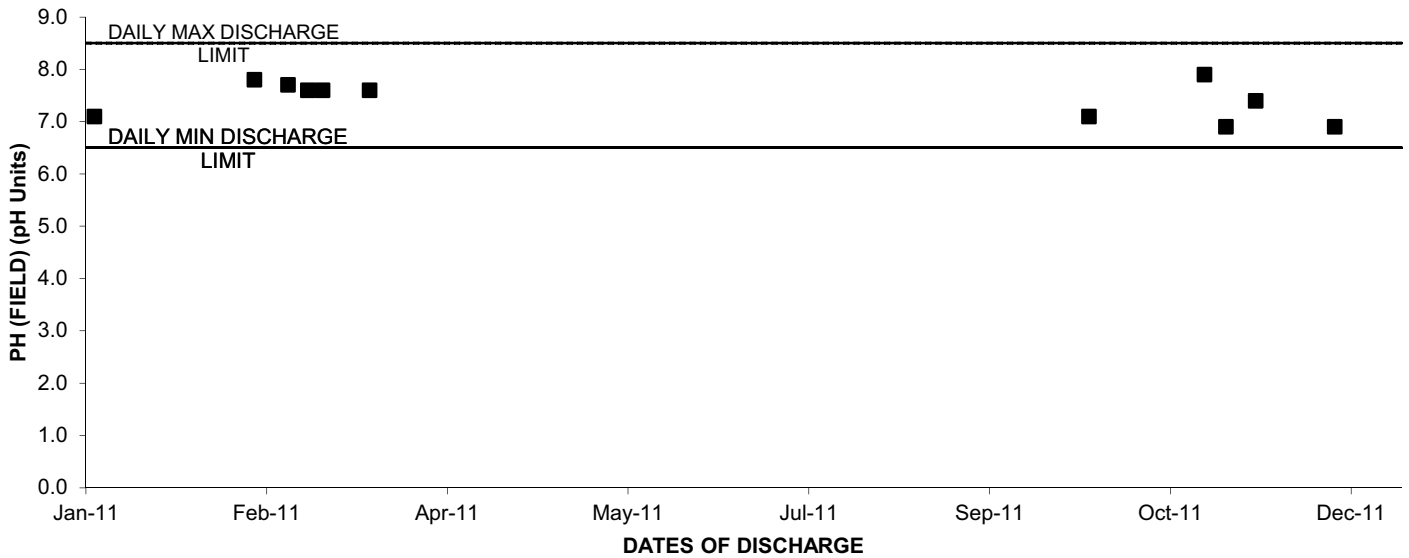
2011: OUTFALL 009 OIL & GREASE



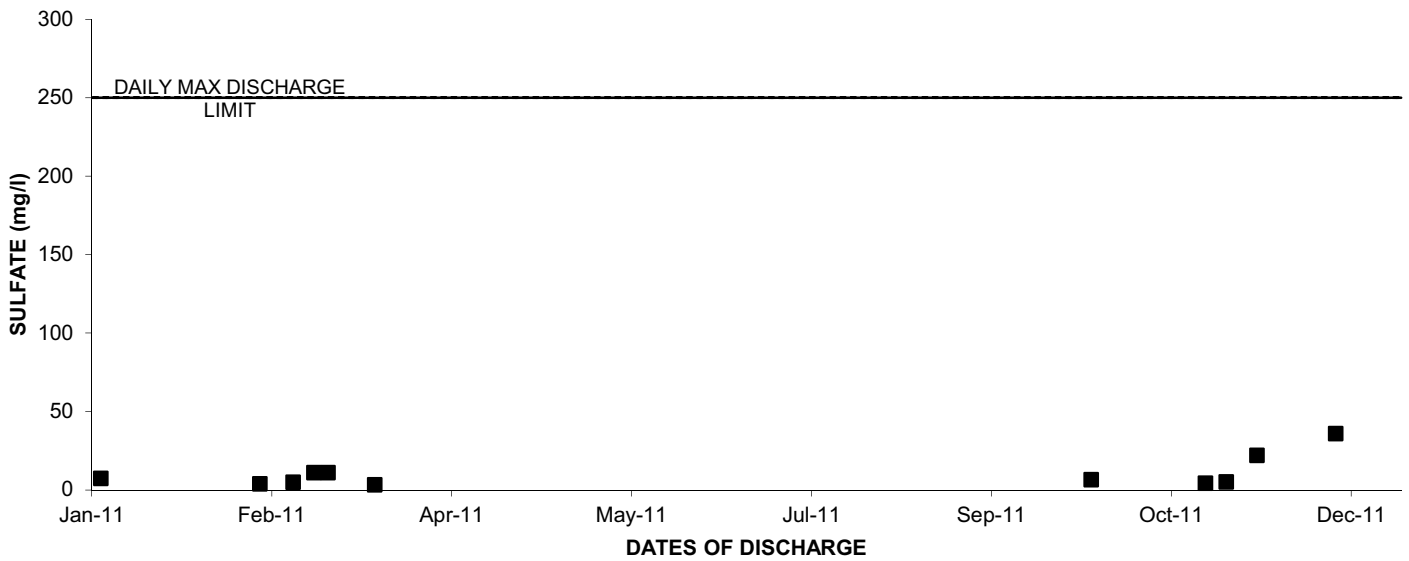
2011: OUTFALL 009 PERCHLORATE



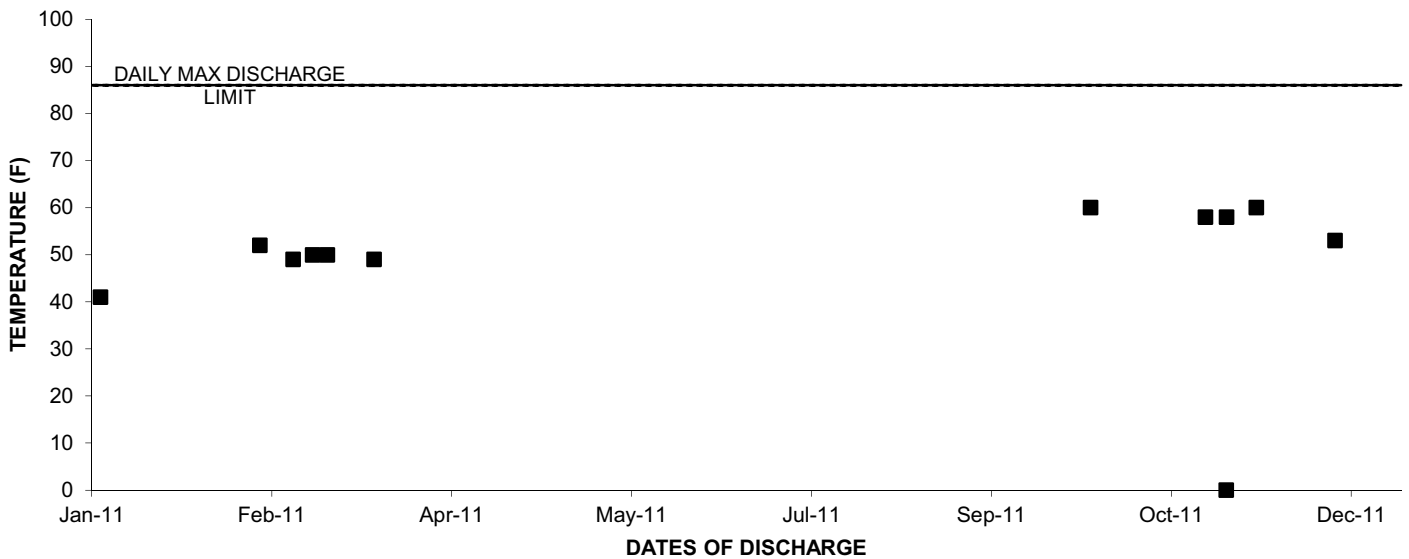
2011: OUTFALL 009 PH (FIELD)



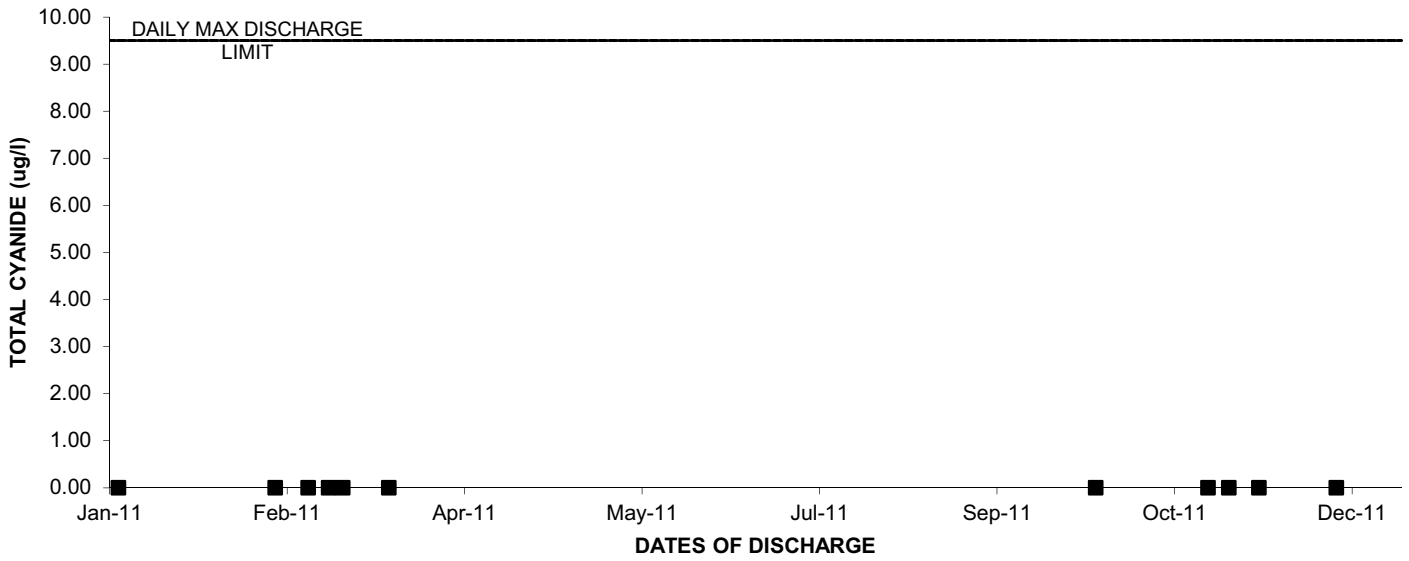
2011: OUTFALL 009 SULFATE



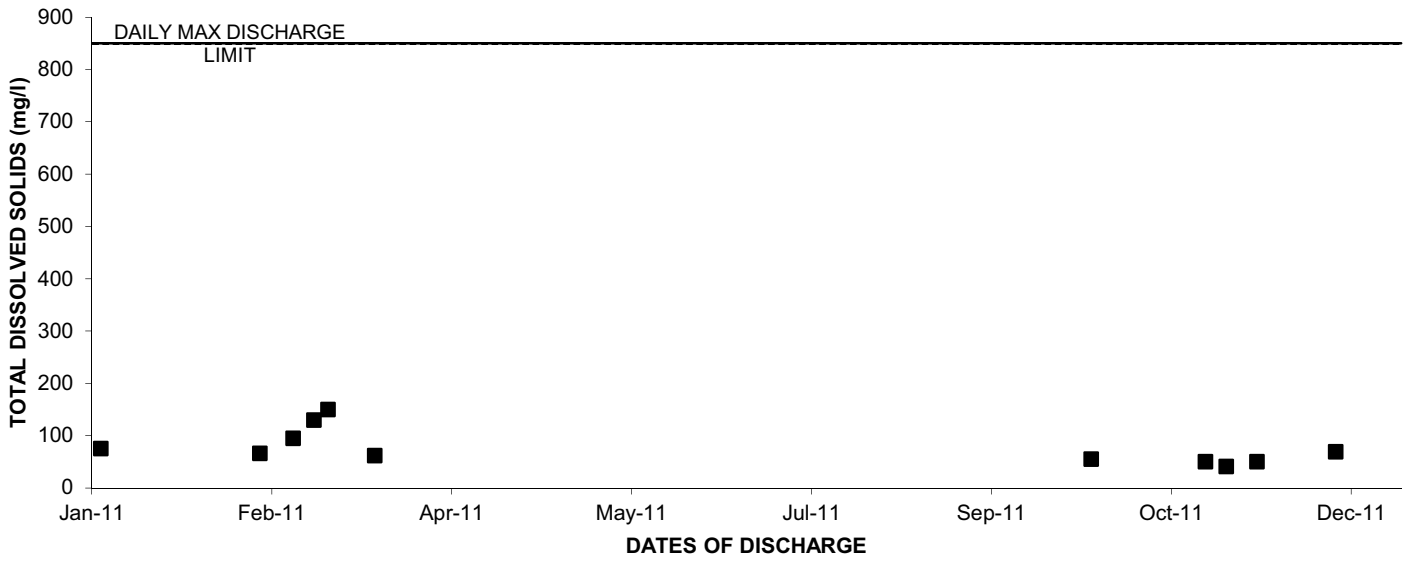
2011: OUTFALL 009 TEMPERATURE



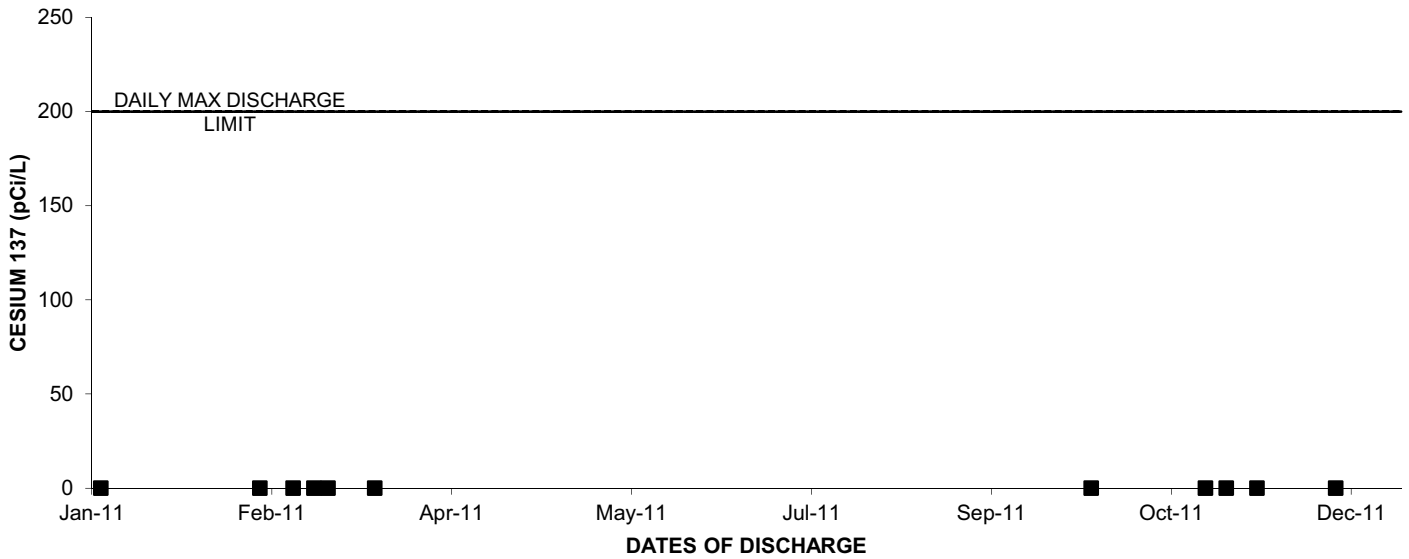
2011: OUTFALL 009 TOTAL CYANIDE



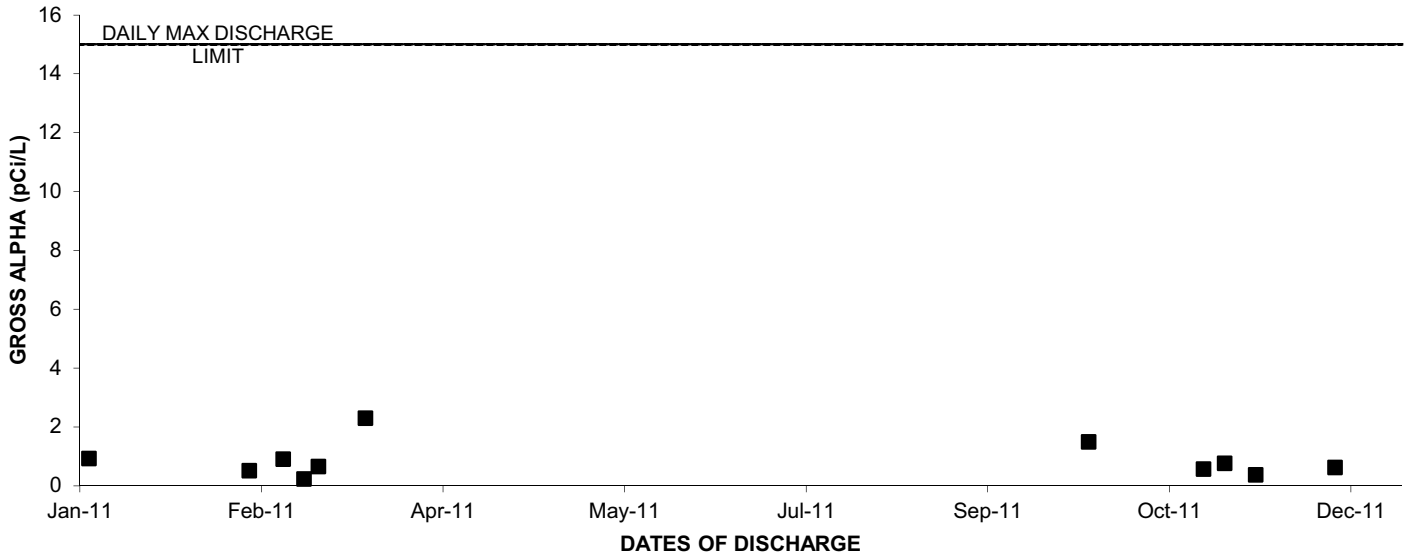
2011: OUTFALL 009 TOTAL DISSOLVED SOLIDS



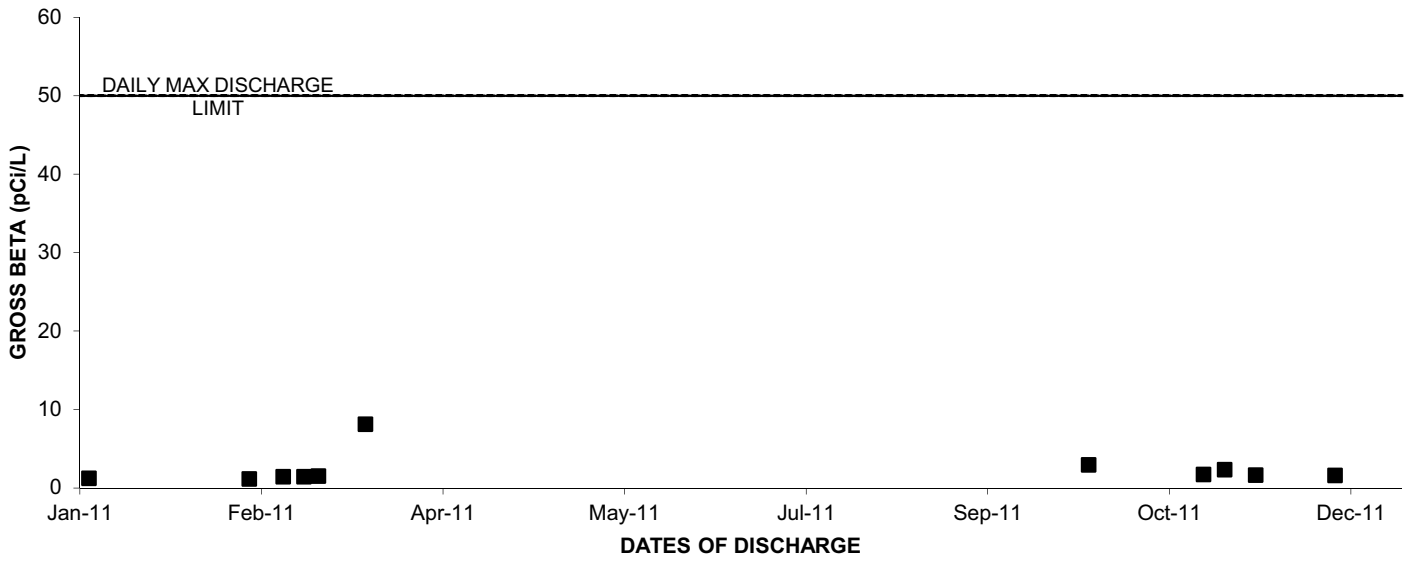
2011: OUTFALL 009 CESIUM 137



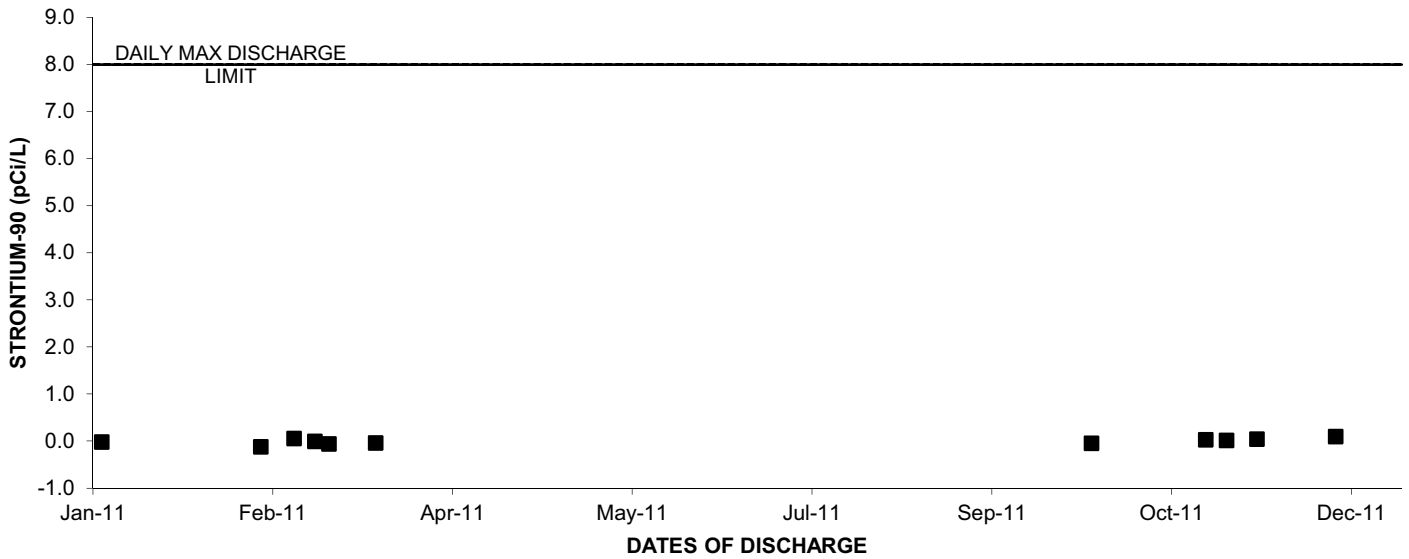
2011: OUTFALL 009 GROSS ALPHA



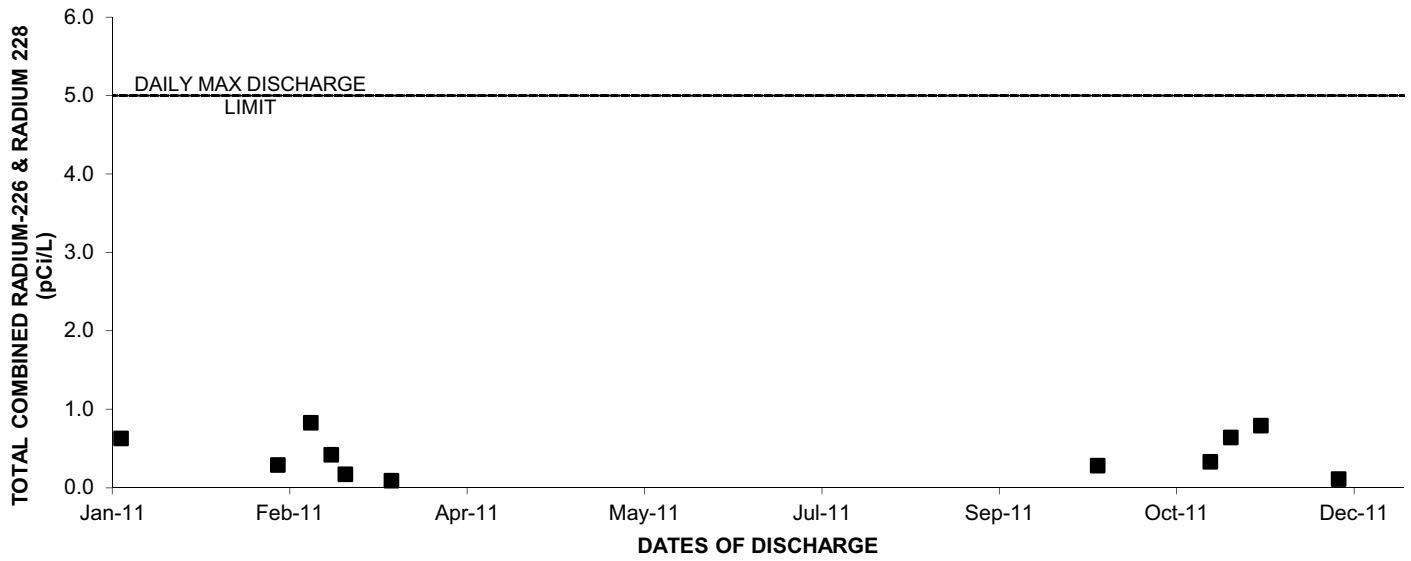
2011: OUTFALL 009 GROSS BETA



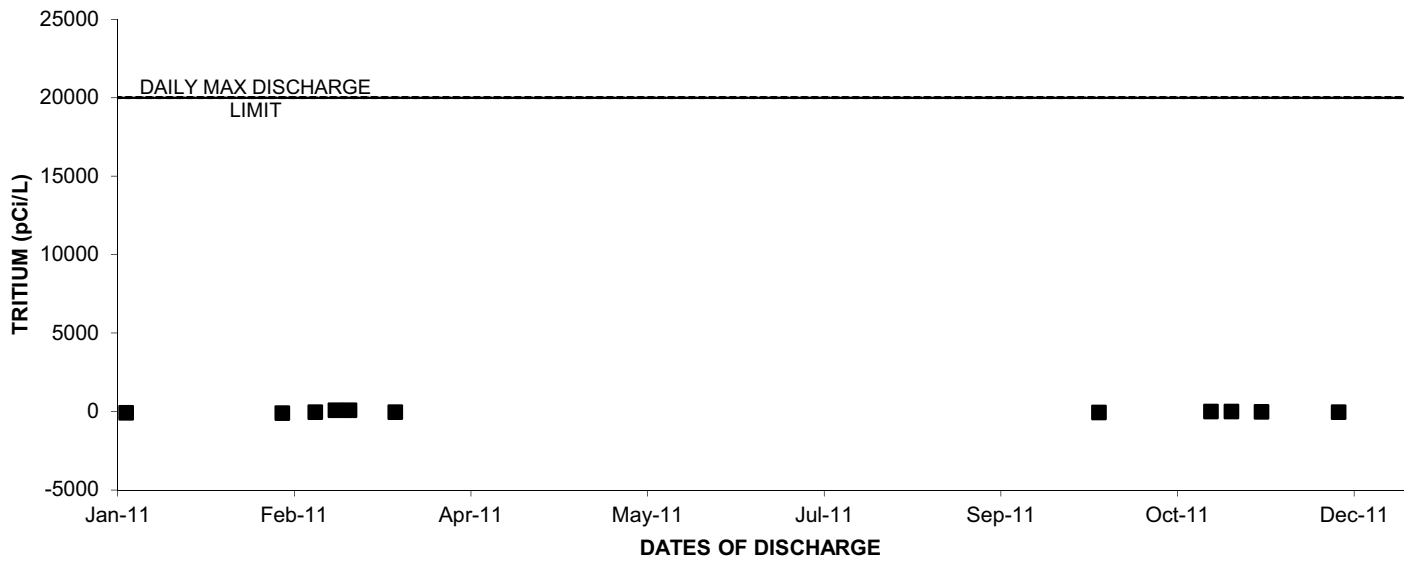
2011: OUTFALL 009 STRONTIUM-90



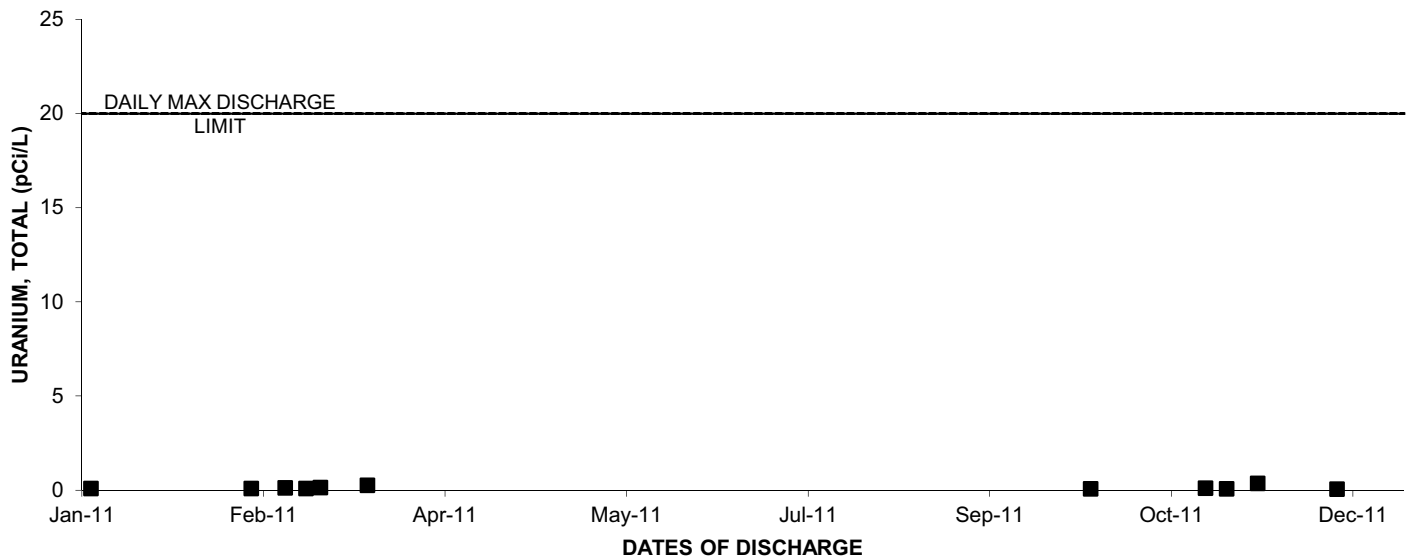
2011: OUTFALL 009 TOTAL COMBINED RADIUM-226 & RADIUM 228



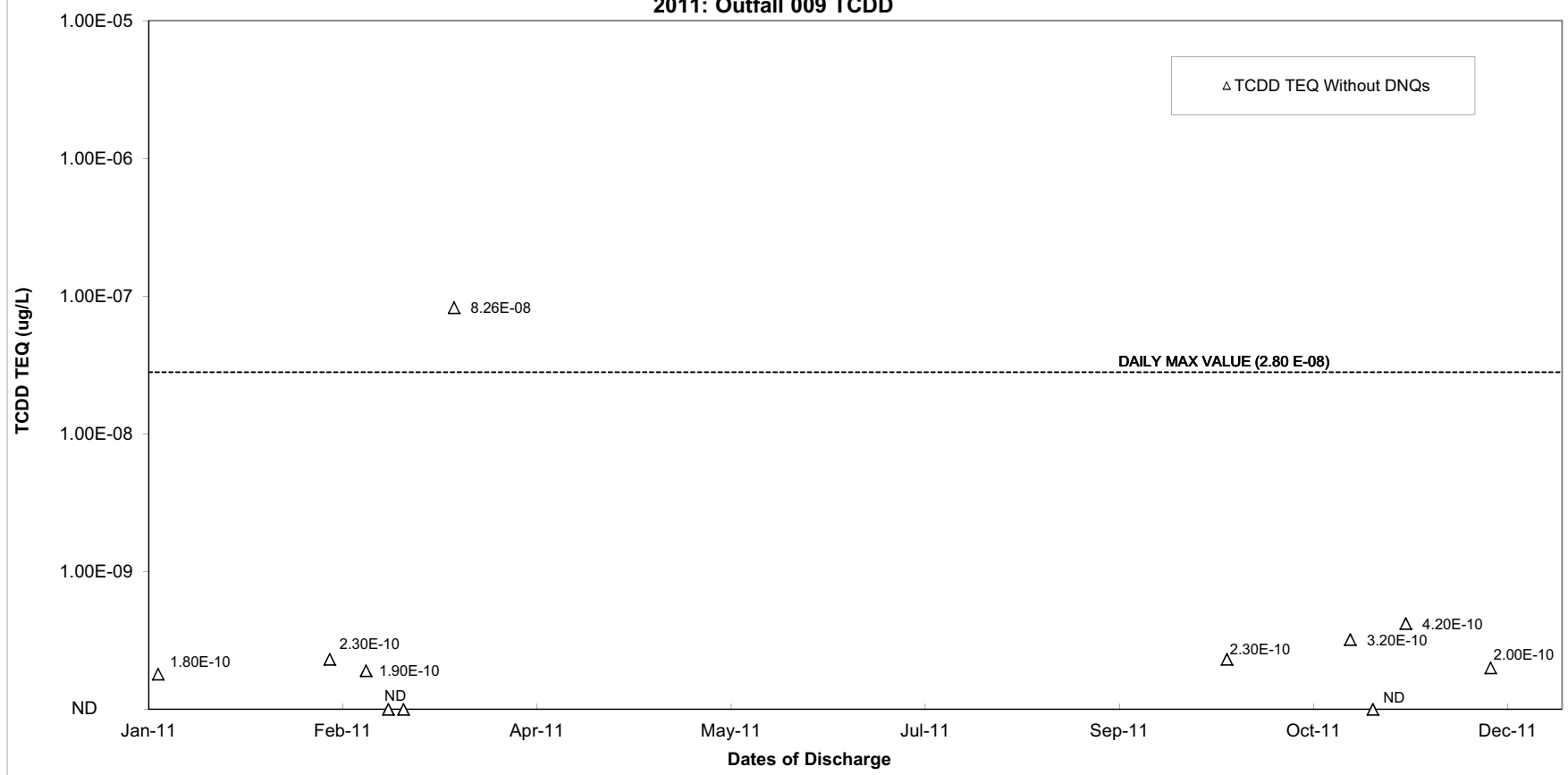
2011: OUTFALL 009 TRITIUM



2011: OUTFALL 009 URANIUM, TOTAL



2011: Outfall 009 TCDD



SECTION 6

OUTFALL 010 (BUILDING 203)
ANNUAL 2011 REPORTING SUMMARY

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	13	--
E. Coli	MPN/100 ml	-/-	Grab	22.0	*
Fecal Coliform	MPN/100 ml	-/-	Grab	22.0	*
Fluoride	mg/L	1.6/-	Comp	0.35	--
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.56	--
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	U
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.4	*
Sulfate	mg/L	250/-	Comp	6.3	--
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	Comp	230	--
Hardness	mg/L	-/-	Comp	86	--
Hardness, dissolved	mg/L	-/-	Comp	21	--
Total Suspended Solids	mg/L	-/-	Comp	25	--
Volume Discharged	MGD	17.8/-	Meas	0.00986	*
METALS					
Aluminum	ug/L	-/-	Comp	1500	--
Aluminum, dissolved	ug/L	-/-	Comp	ND < 40	U
Antimony	ug/L	6.0/-	Comp	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	Comp	ND < 2.0	U (B)
Arsenic	ug/L	-/-	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	Comp	0.020	J (DNQ)
Boron, dissolved	mg/L	-/-	Comp	ND < 0.020	U
Cadmium	ug/L	4.0/-	Comp	ND < 1.0	U (B)
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Calcium	mg/L	-/-	Comp	29	--
Calcium, Dissolved	mg/L	-/-	Comp	7.3	--
Chromium	ug/L	-/-	Comp	2.8	J (DNQ)
Chromium, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	Grab	ND < 0.250	U
Copper	ug/L	14/-	Comp	3.82	--
Copper, dissolved	ug/L	-/-	Comp	2.21	J (B)
Iron	mg/L	-/-	Comp	1.4	--
Iron, dissolved	mg/L	-/-	Comp	0.027	J (DNQ)
Lead	ug/L	5.2/-	Comp	1.3	J (*III)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	UJ (*III)

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	Comp	3.6	--
Magnesium, Dissolved	mg/L	-/-	Comp	0.72	--
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	Comp	2.2	J (DNQ)
Nickel, dissolved	ug/L	-/-	Comp	ND < 2.0	U
Selenium	ug/L	-/-	Comp	ND < 0.50	U
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	U
Silver	ug/L	-/-	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	Comp	ND < 6.0	U
Thallium	ug/L	2.0/-	Comp	ND < 0.20	UJ (*III)
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	UJ (*III)
Vanadium	ug/L	-/-	Comp	3.7	J (DNQ)
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U
Zinc	ug/L	-/-	Comp	161	(\$)
Zinc, Dissolved	ug/L	-/-	Comp	70.5	(\$)
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	U
Chloroform	ug/L	-/-	Grab	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	U
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	Grab	ND < 0.42	U
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	U
Toluene	ug/L	-/-	Grab	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	U
Trichloroethene	ug/L	-/-	Grab	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Vinyl chloride	ug/L	-/-	Grab	ND < 0.40	U
ADDITIONAL ANALYTES					
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	U
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 2.48	U
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.97	U
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 2.48	U
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.97	U

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.48	U
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	Comp	ND < 4.46	U
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 3.47	U
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 3.47	U
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 7.92	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	Comp	ND < 3.47	U
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 1.98	U
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	U
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.97	U
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.97	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.96	U
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.47	U
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.43	U
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0039	UJ (C)
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0029	U
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0039	UJ (C)
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.97	U
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.48	U
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.48	U
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.45	U
Acenaphthene	ug/L	-/-	Comp	ND < 2.97	U
Acenaphthylene	ug/L	-/-	Comp	ND < 2.97	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	U
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	U
Acute Toxicity	% SURVIVAL	70-100/-	Comp	100	*
Aldrin	ug/L	-/-	Comp	ND < 0.0015	U
alpha-BHC	ug/L	-/-	Comp	ND < 0.0025	U
Anthracene	ug/L	-/-	Comp	ND < 2.48	U
Aroclor-1016	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1221	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1232	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1242	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1248	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1254	ug/L	-/-	Comp	ND < 0.25	U
Aroclor-1260	ug/L	-/-	Comp	ND < 0.25	U
Benzidine	ug/L	-/-	Comp	ND < 9.90	U
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.48	U
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.97	U
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.98	U
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 3.96	UJ (C)

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.48	U
beta-BHC	ug/L	-/-	Comp	ND < 0.0039	U
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.97	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.96	U
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.97	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.48	U
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	U
Bromoform	ug/L	-/-	Grab	ND < 0.40	U
Bromomethane	ug/L	-/-	Grab	ND < 0.42	U
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.96	U
Chlordane	ug/L	-/-	Comp	ND < 0.078	U
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	U
Chloroethane	ug/L	-/-	Grab	ND < 0.40	U
Chloromethane	ug/L	-/-	Grab	ND < 0.40	U
Chlorpyrifos	ug/L	-/-	Comp	ND < 0.010	U
Chronic Toxicity	TUC	1/-	Comp	1.0	*
Chrysene	ug/L	-/-	Comp	ND < 2.48	U
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	U
delta-BHC	ug/L	-/-	Comp	ND < 0.0034	U
Diazinon	ug/L	-/-	Comp	ND < 0.10	U
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.97	U
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	U
Dieldrin	ug/L	-/-	Comp	ND < 0.0020	U
Diethylphthalate	ug/L	-/-	Comp	ND < 3.47	U
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.48	U
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.97	U
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.47	U
Endosulfan I	ug/L	-/-	Comp	ND < 0.0020	U
Endosulfan II	ug/L	-/-	Comp	ND < 0.0029	U
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0029	U
Endrin	ug/L	-/-	Comp	ND < 0.0020	U
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0020	U
Fluoranthene	ug/L	-/-	Comp	ND < 2.97	U
Fluorene	ug/L	-/-	Comp	ND < 2.97	U
Heptachlor	ug/L	-/-	Comp	ND < 0.0029	U
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0025	U
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.97	U
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.96	U
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.95	U
Hexachloroethane	ug/L	-/-	Comp	ND < 3.47	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.47	UJ (C)

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	Comp	ND < 2.97	U
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0029	U
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	U
Naphthalene	ug/L	-/-	Comp	ND < 2.97	U
Nitrobenzene	ug/L	-/-	Comp	ND < 2.97	U
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.48	U
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.47	U
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.98	U
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.47	U
Phenanthrene	ug/L	-/-	Comp	ND < 3.47	U
Phenol	ug/L	-/-	Comp	ND < 1.98	U
Pyrene	ug/L	-/-	Comp	ND < 3.96	UJ (C)
Toxaphene	ug/L	-/-	Comp	ND < 0.25	U
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	U
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	U

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	18	*
E. Coli	MPN/100 ml	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100 ml	-/-	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.49	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	7.7	*
Sulfate	mg/L	250/-	Comp	8.5	*
Temperature	deg. F	86/-	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	Comp	200	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	110	--
Volume Discharged	MGD	17.8/-	Meas	0.00699	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	2.3	RL1, J* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.33	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	ND < 0.20	RL1*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	6.4	*
Copper, dissolved	ug/L	-/-	Comp	1.7	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	4.4	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Magnesium	mg/L	-/-	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	100/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.40	RL1*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR
1,1-Dichloroethene	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	-/-	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
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

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
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	-/-	ANR	ANR	ANR
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
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
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	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

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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	-/-	ANR	ANR	ANR
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
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	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

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
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

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date February 26, 2011**

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	2.20E-06	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	1.80E-06	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.00E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	3.00E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.40E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.60E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	2.30E-06	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	3.40E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.10E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	8.50E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.20E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	8.90E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	2.50E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	3.80E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	7.90E-06	1.00E-04	9.90E-05	--	0.0001	0.01	9.90E-11
OCDF	6.10E-06	1.00E-04	1.50E-05	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	9.90E-11
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

**Sample Type Composite
Sample Date March 21, 2011**

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	2.50E-06	5.00E-05	3.30E-05	J (DNQ)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	2.20E-06	5.00E-05	ND	UJ (*III)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.40E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.30E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	5.00E-07	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.20E-06	5.00E-05	1.20E-06	J (DNQ)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	4.40E-07	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.10E-06	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	6.00E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.50E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.40E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.20E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	9.10E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.10E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	5.90E-06	1.00E-04	5.00E-04	--	0.0001	0.01	5.00E-10
OCDF	3.80E-06	1.00E-04	5.50E-05	J (DNQ)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	5.00E-10
----------------------------------	-----------------

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/26/2011 (Comp)			03/21/2011 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	1.04 ± 0.53	0.645	J (C, DNQ)	3.19 ± 0.66	0.415	J (C)
Gross Beta	pCi/L	50/-	4.34 ± 0.69	0.934	--	5.56 ± 0.67	0.839	--
Strontium-90	pCi/L	8.0/-	-0.031 ± 0.62	1.35	U	-0.003 ± 0.30	0.72	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.45 ± 0.40	0.98	U	0.02 ± 0.66	1.34	U
Tritium	pCi/L	20000/-	-106 ± 98	172	U	-7.57 ± 97	164	U
Uranium, Total	pCi/L	20/-	0.618 ± 0.070	0.022	J (DNQ)	0.673 ± 0.078	0.02	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 19	19	U	ND < 33.4	33.4	U
Cesium 137	pCi/L	200/-	ND < 1.67	1.67	U	ND < 1.65	1.65	U

OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/26/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.00986	
Chloride	LBS/DAY	22,268/-	Comp	1.07	--
Fluoride	LBS/DAY	238/-	Comp	0.03	--
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.05	--
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	U
Perchlorate	LBS/DAY	0.89/-	Comp	ND	U
Sulfate	LBS/DAY	37,113/-	Comp	0.52	--
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	U
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	18.91	--
Antimony	LBS/DAY	0.89/-	Comp	ND	U (B)
Boron	LBS/DAY	148/-	Comp	0.002	J (DNQ)
Copper	LBS/DAY	2.1/-	Comp	0.0003	--
Lead	LBS/DAY	0.77/-	Comp	0.0001	J (*III)
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	Comp	0.0002	J (DNQ)
Thallium	LBS/DAY	0.3/-	Comp	ND	UJ (*III)
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	8.14E-15	--

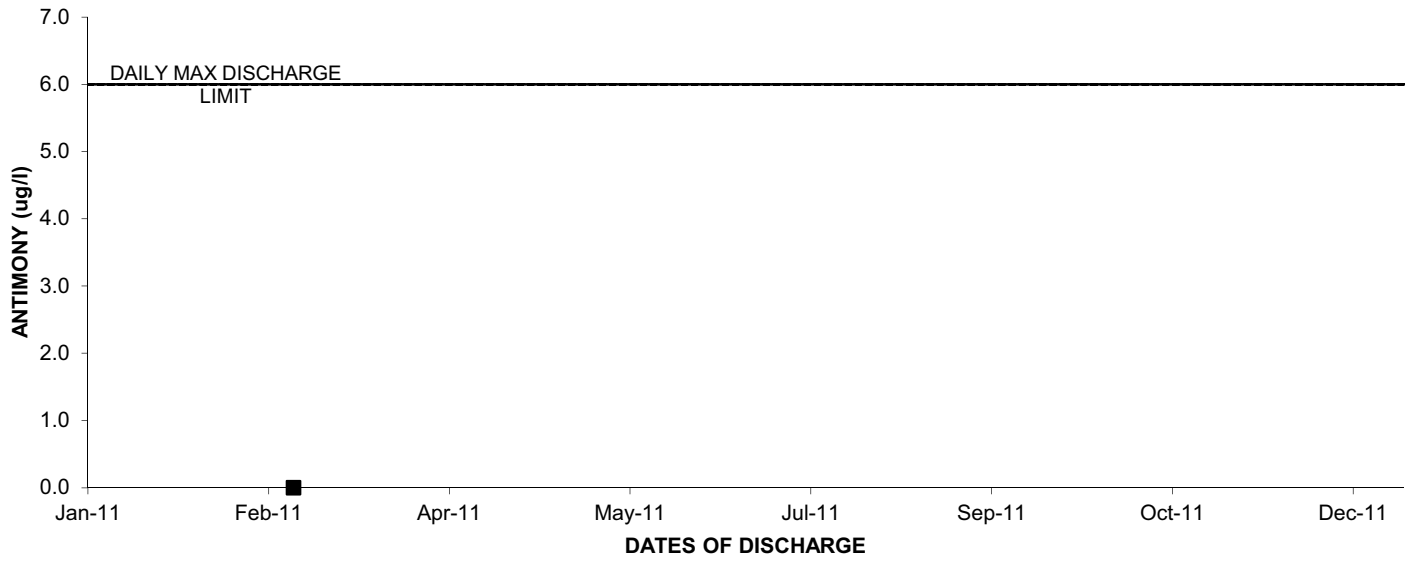
OUTFALL 010 (Building 203)

**ANNUAL 2011 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

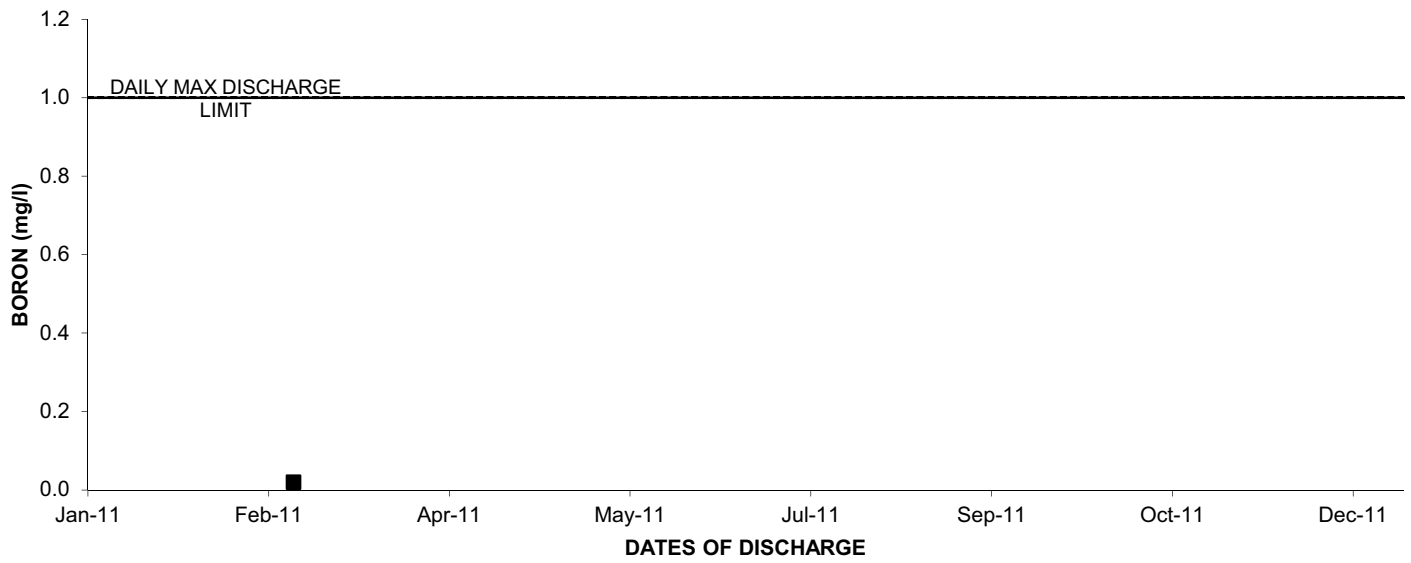
January 1 through December 31, 2011

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/21/2011		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.00699	
Chloride	LBS/DAY	22,268/-	Comp	1.05	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.03	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	0.50	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	11.66	*
Antimony	LBS/DAY	0.89/-	Comp	0.0001	RL1, J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Copper	LBS/DAY	2.1/-	Comp	0.0004	*
Lead	LBS/DAY	0.77/-	Comp	0.0003	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	RL1*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	2.91E-14	--

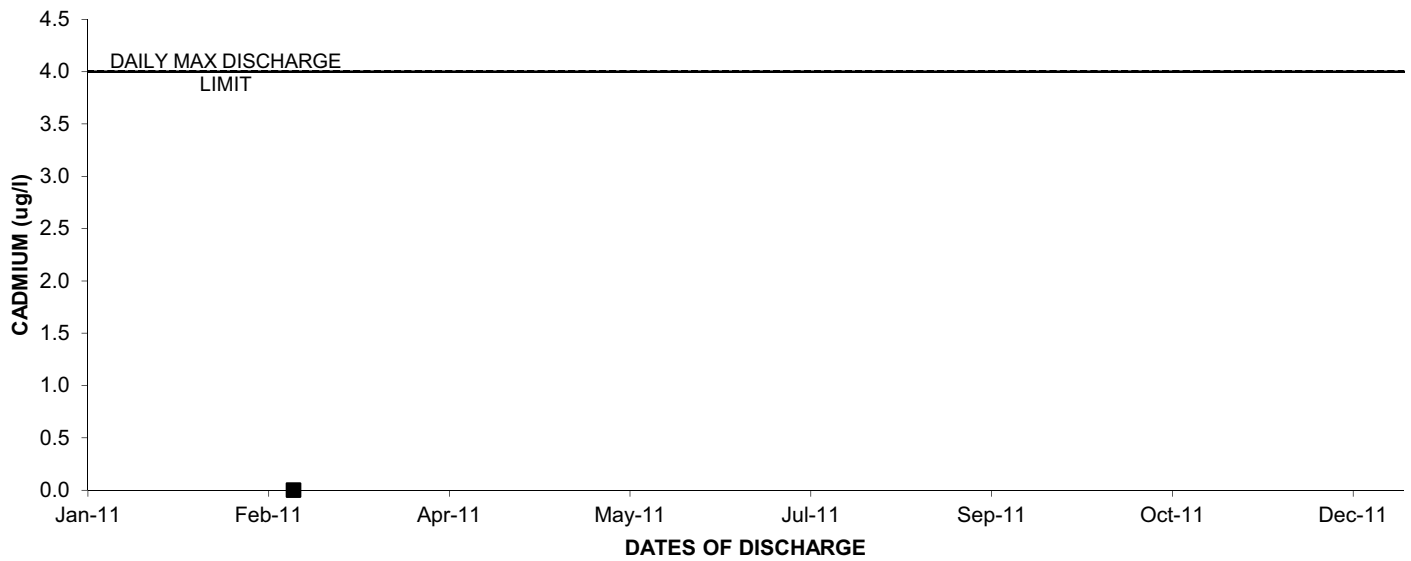
2011: OUTFALL 010 ANTIMONY



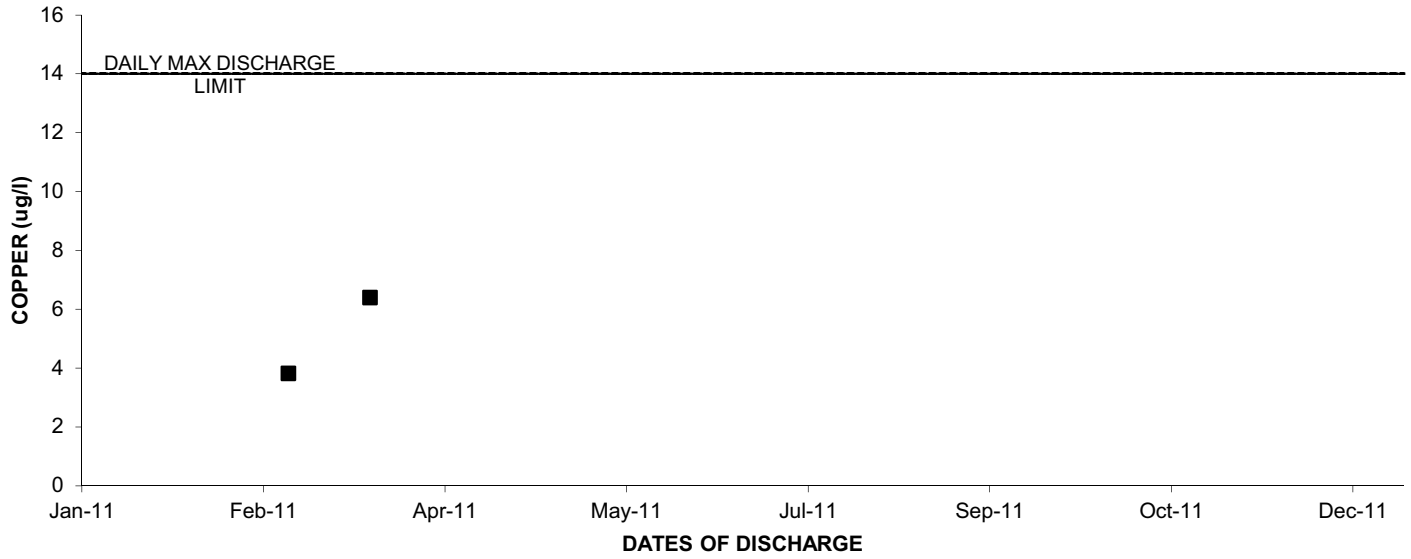
2011: OUTFALL 010 BORON



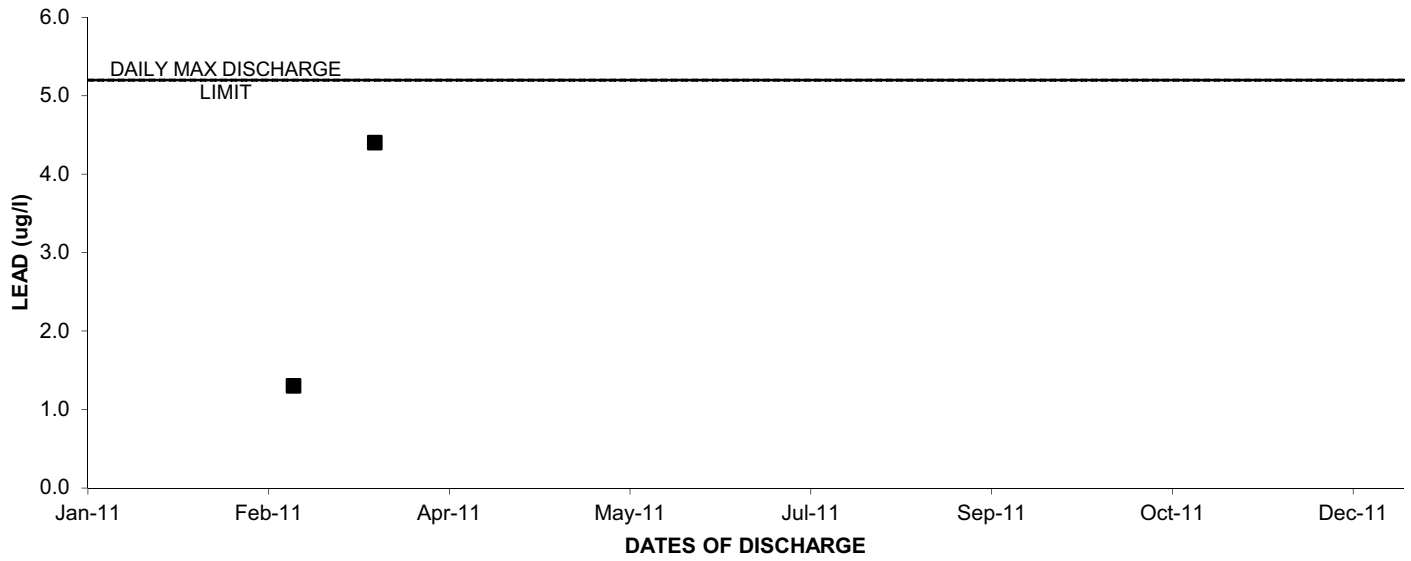
2011: OUTFALL 010 CADMIUM



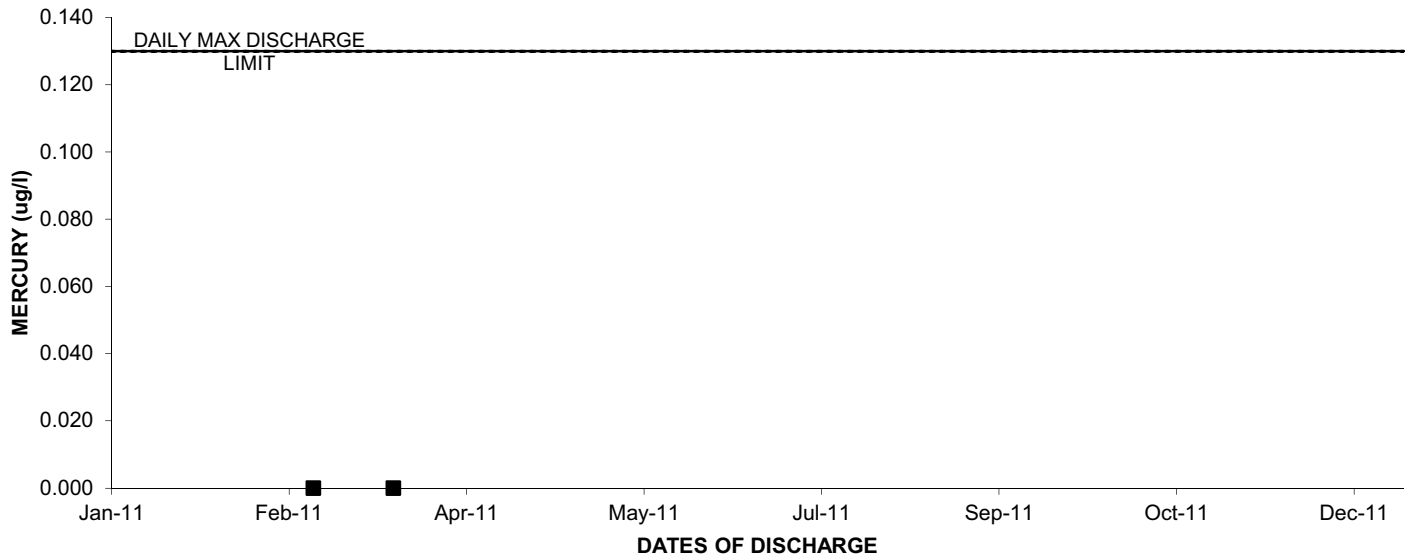
2011: OUTFALL 010 COPPER



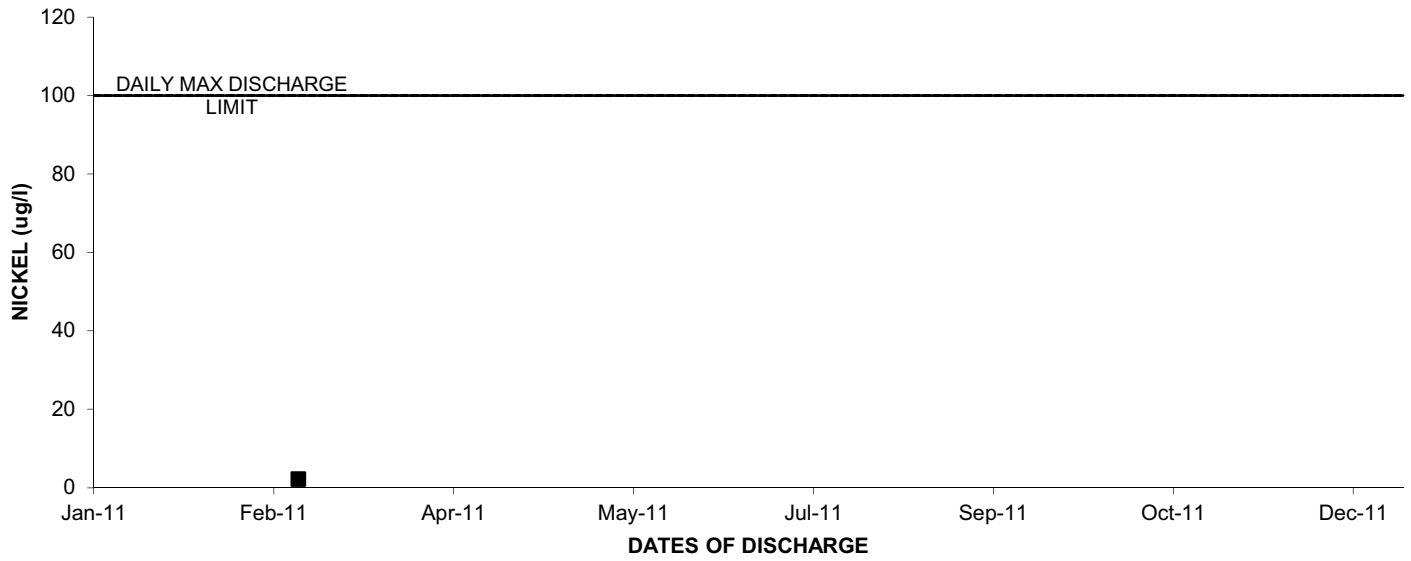
2011: OUTFALL 010 LEAD



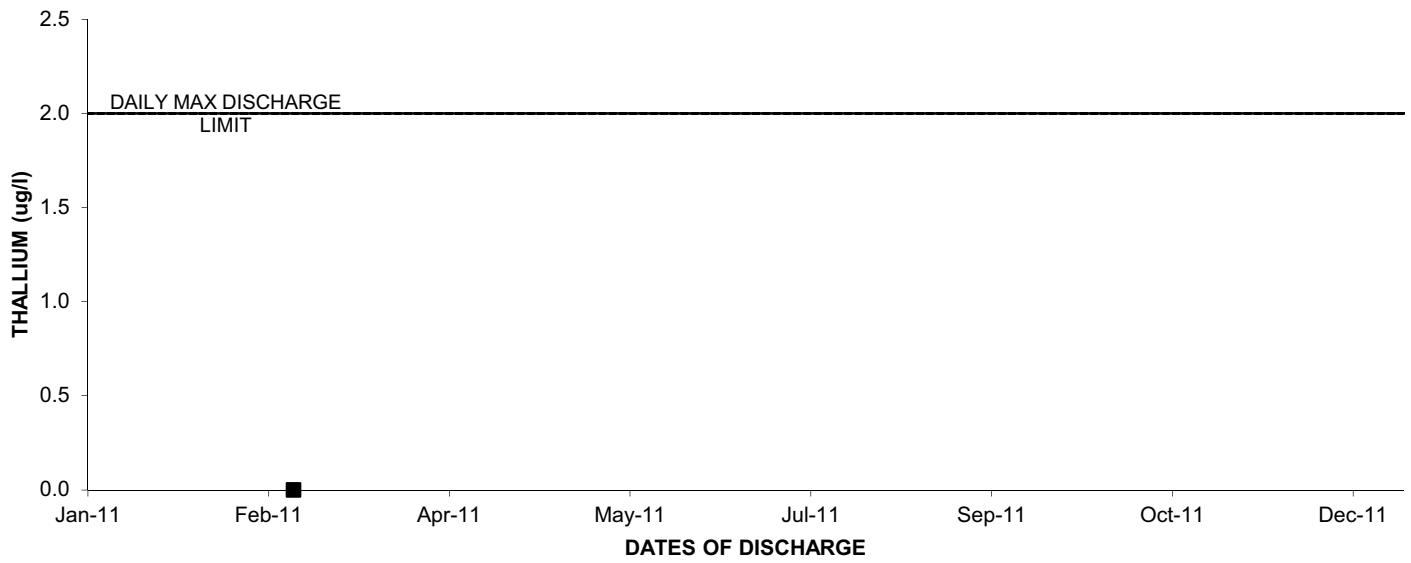
2011: OUTFALL 010 MERCURY



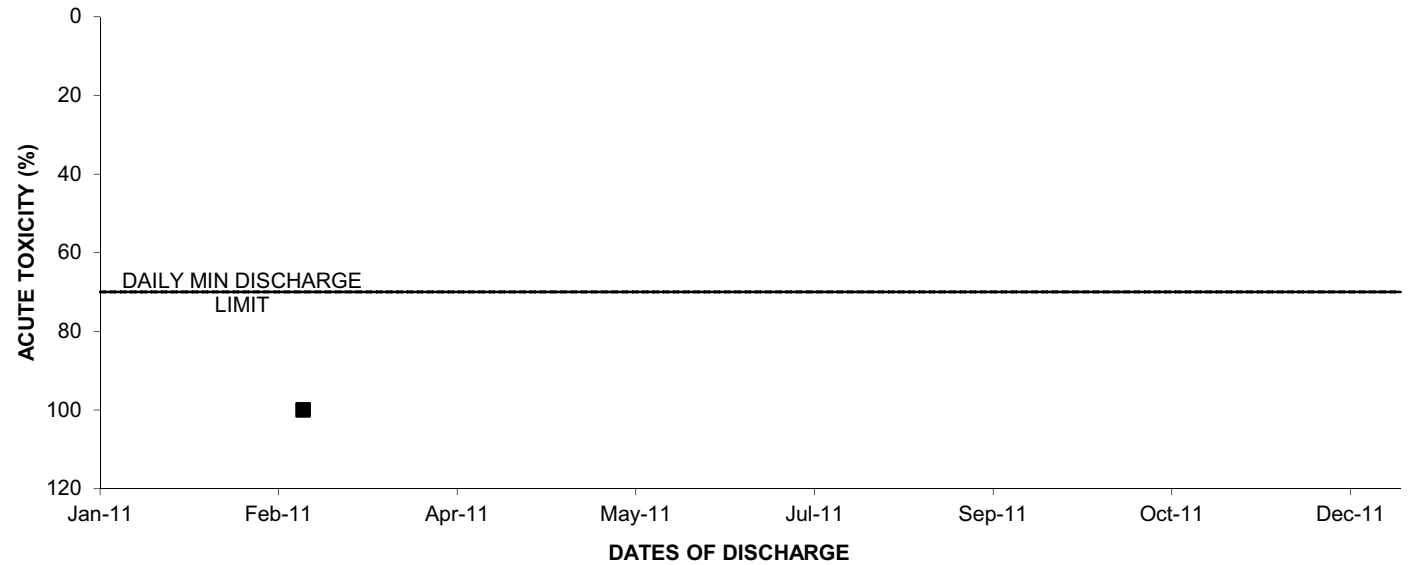
2011: OUTFALL 010 NICKEL



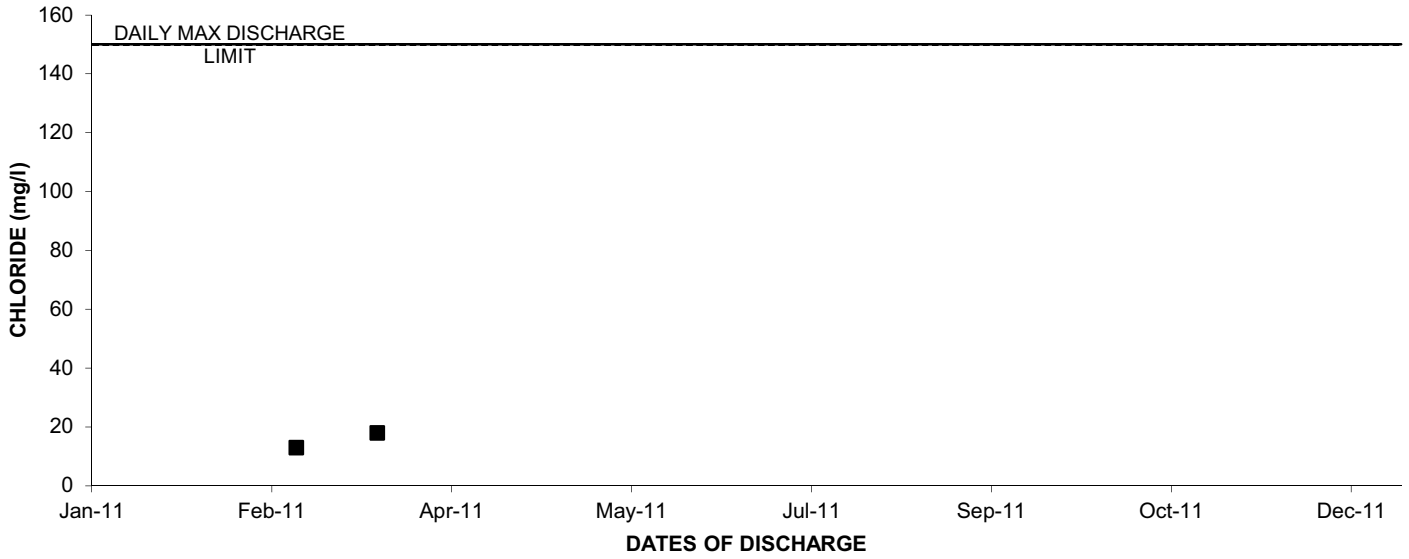
2011: OUTFALL 010 THALLIUM



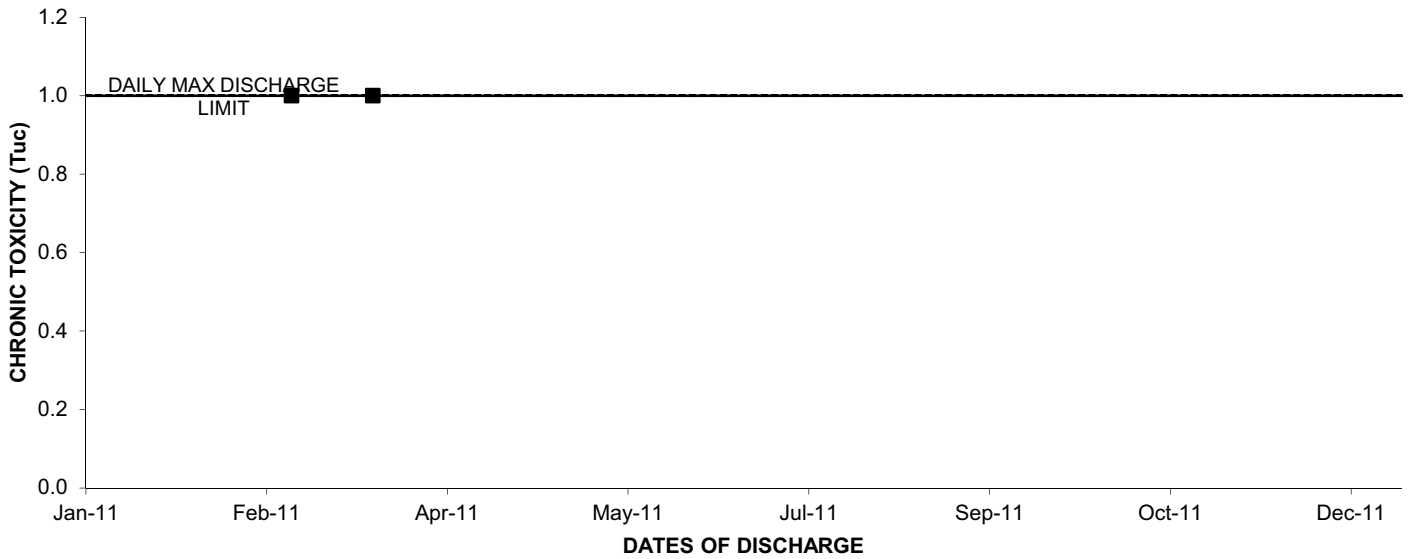
2011: OUTFALL 010 ACUTE TOXICITY



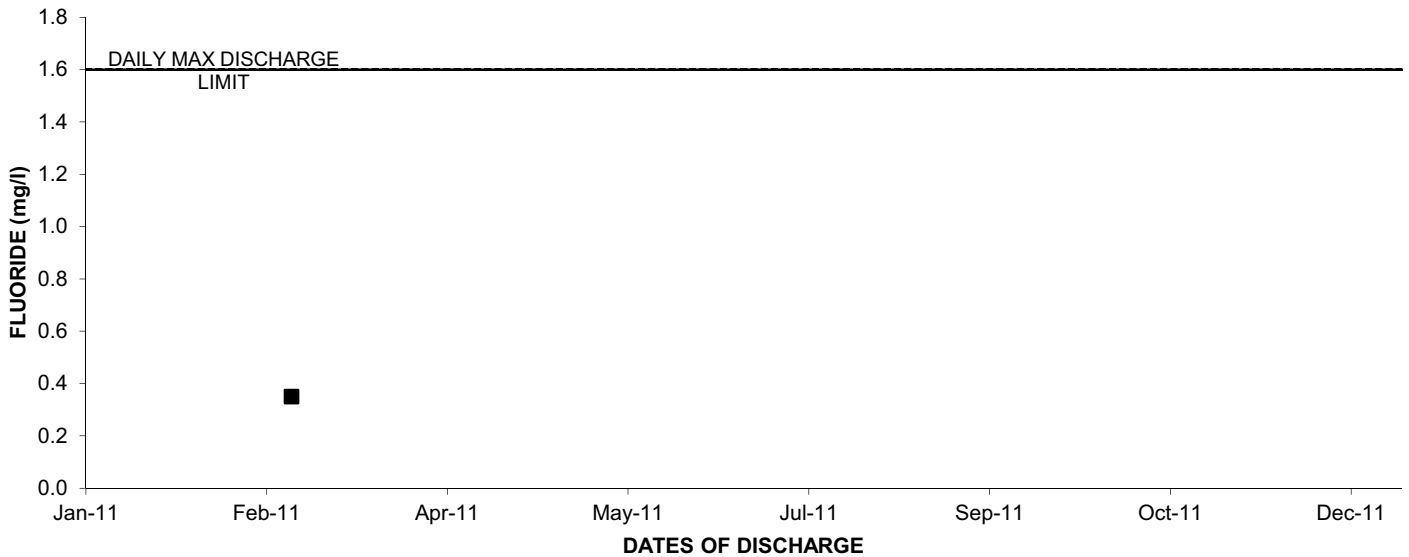
2011: OUTFALL 010 CHLORIDE



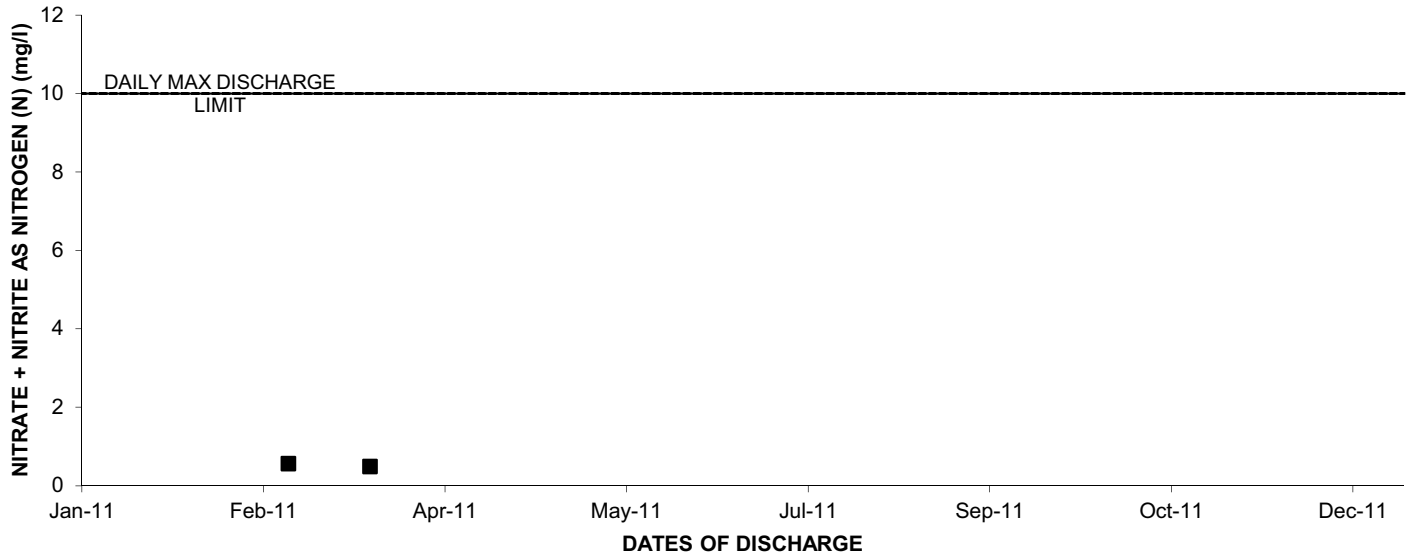
2011: OUTFALL 010 CHRONIC TOXICITY



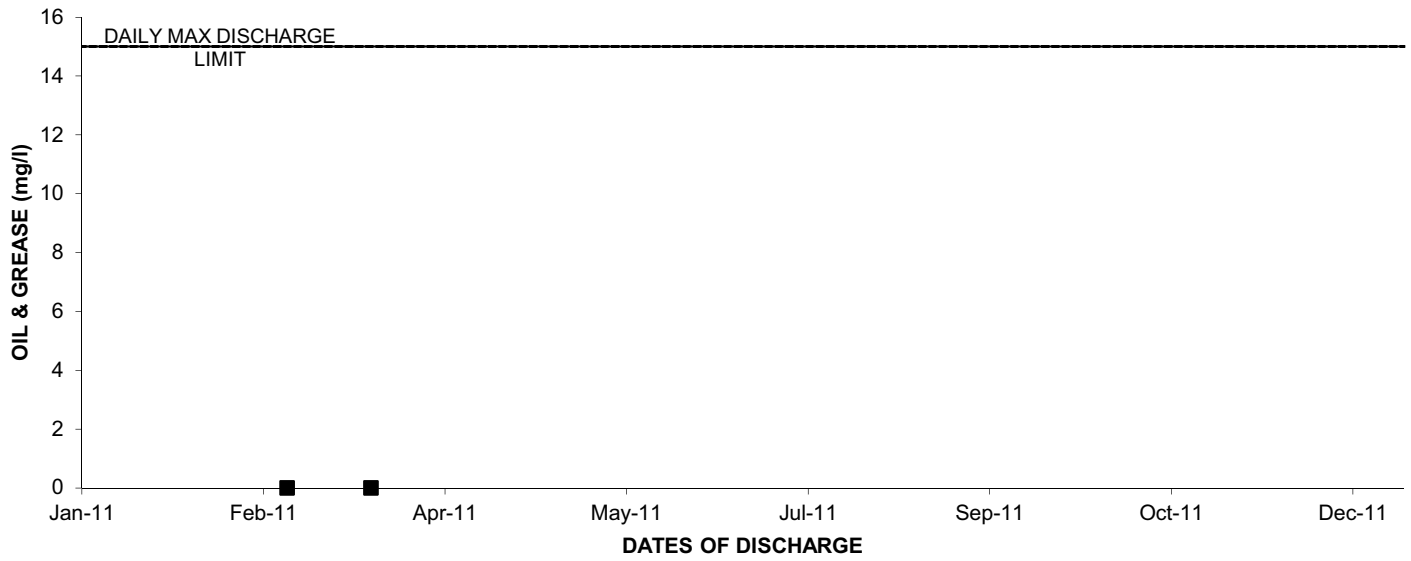
2011: OUTFALL 010 FLUORIDE



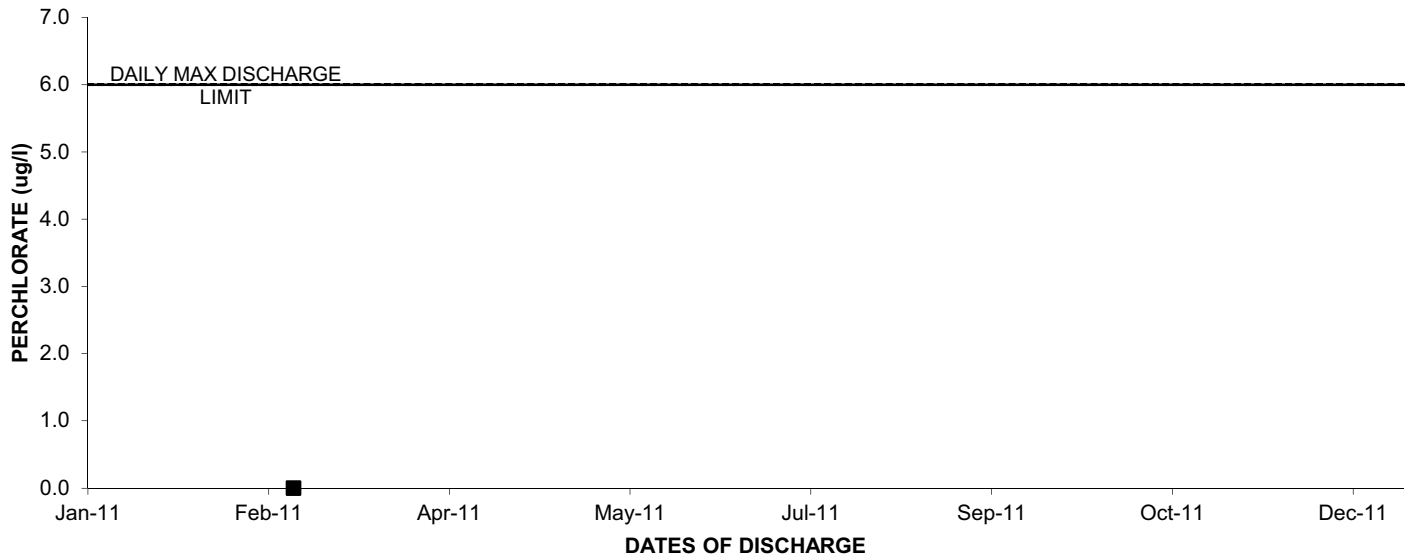
2011: OUTFALL 010 NITRATE + NITRITE AS NITROGEN (N)



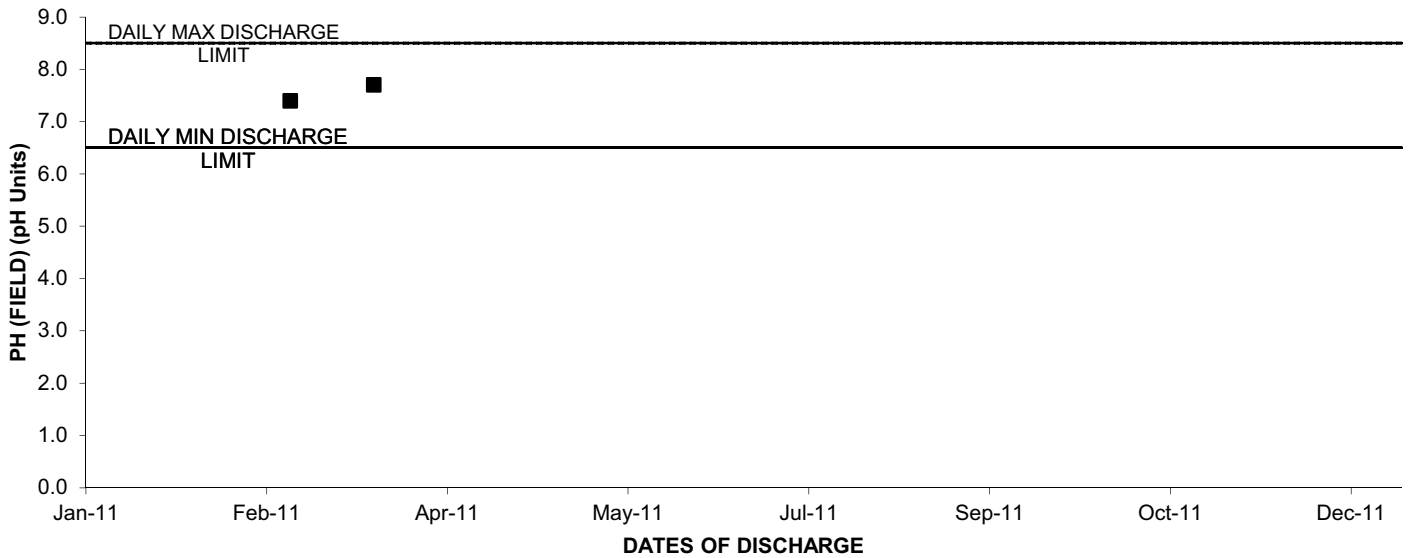
2011: OUTFALL 010 OIL & GREASE



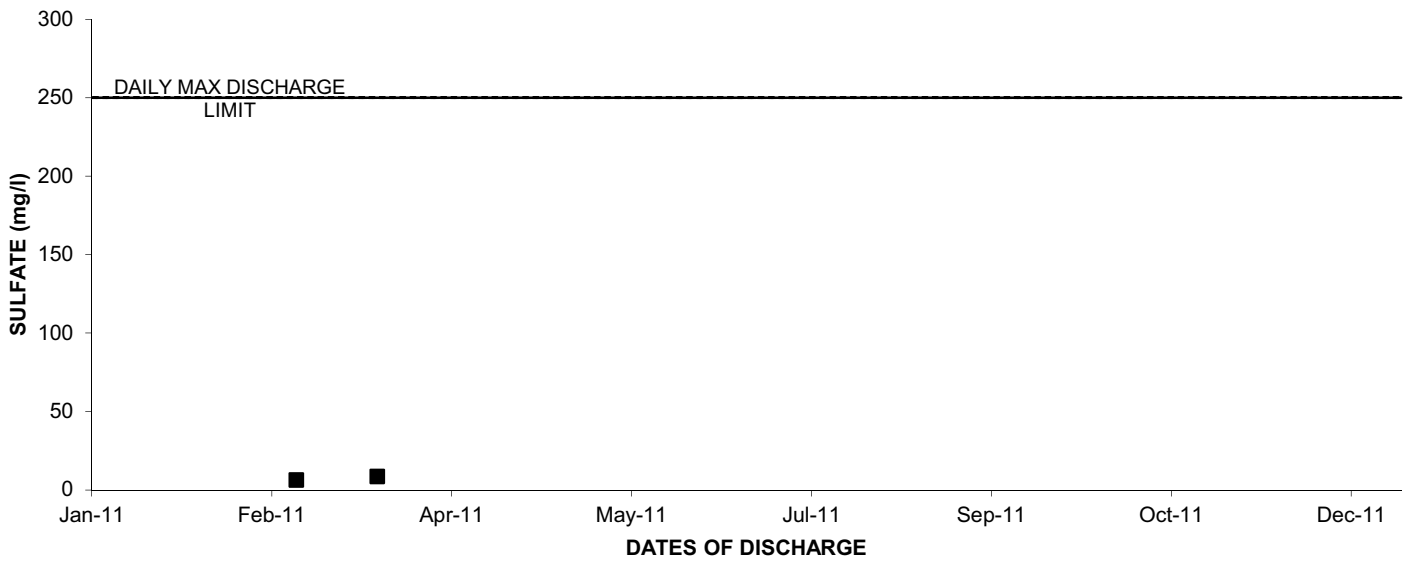
2011: OUTFALL 010 PERCHLORATE



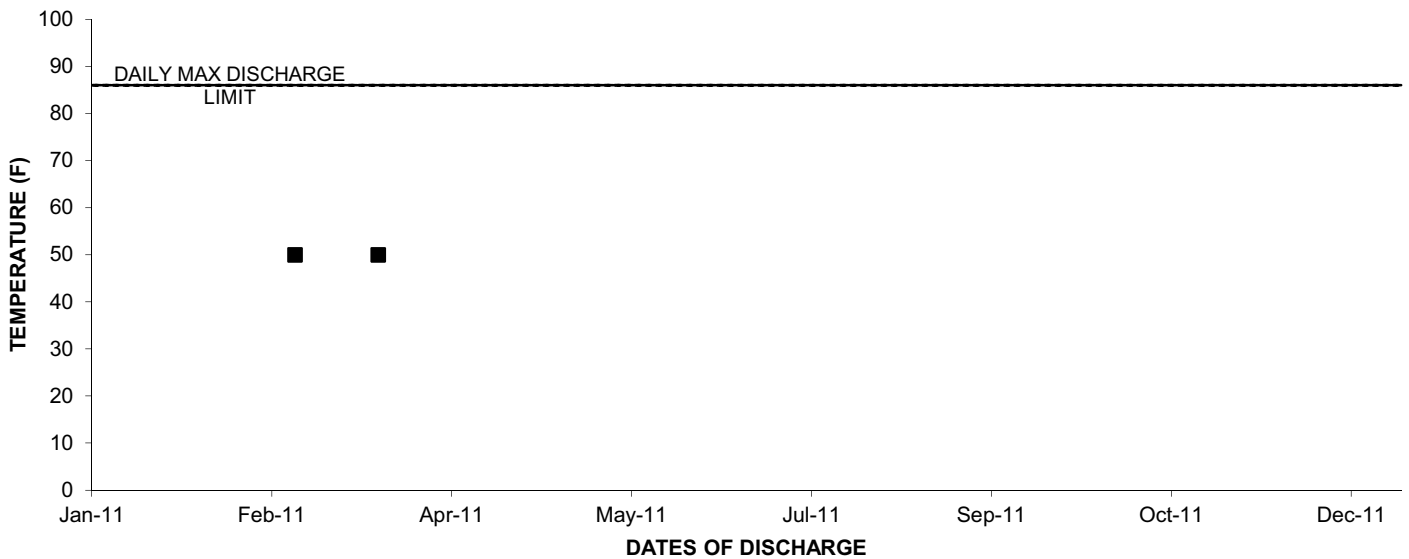
2011: OUTFALL 010 PH (FIELD)



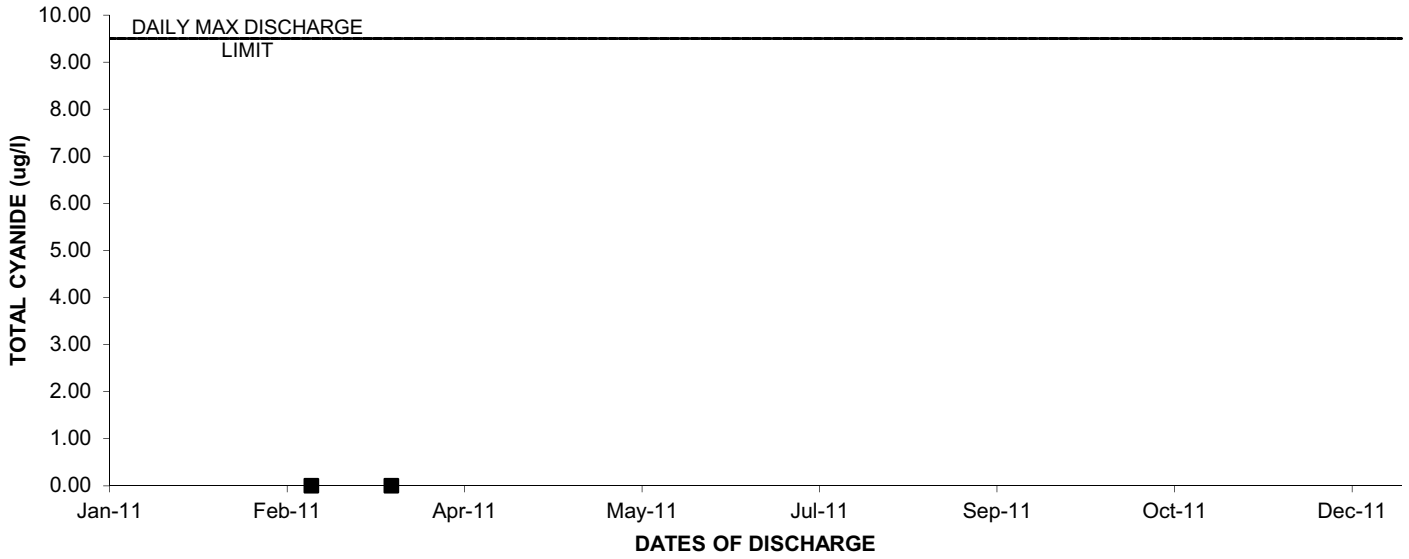
2011: OUTFALL 010 SULFATE



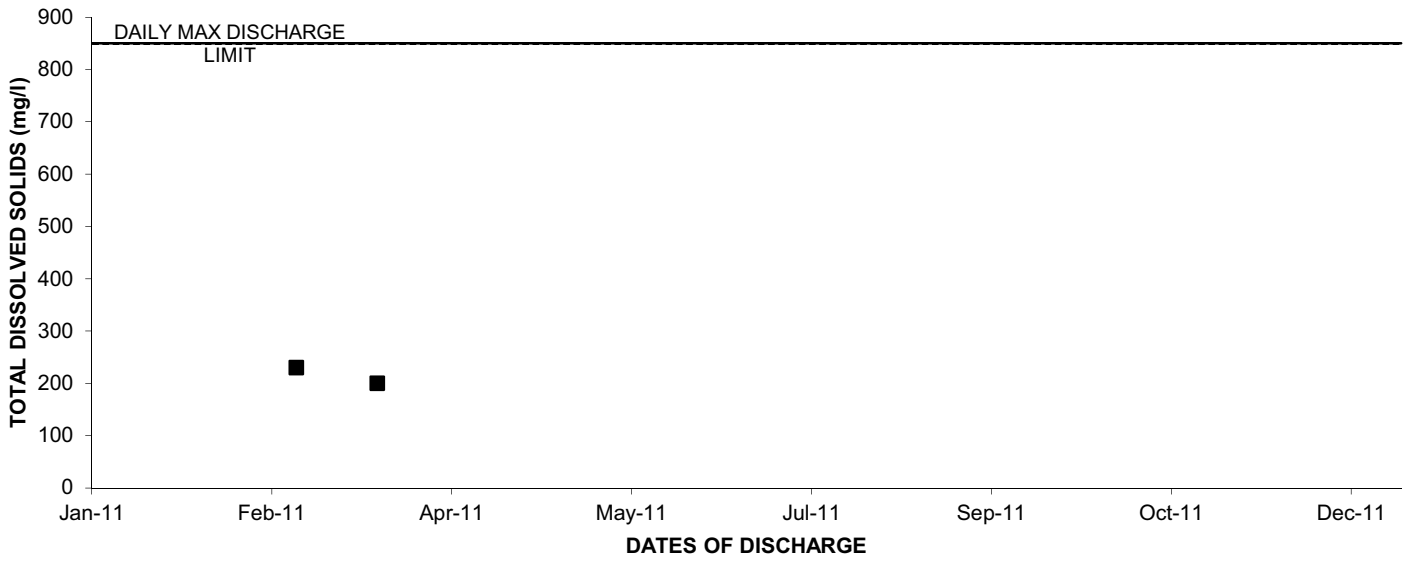
2011: OUTFALL 010 TEMPERATURE



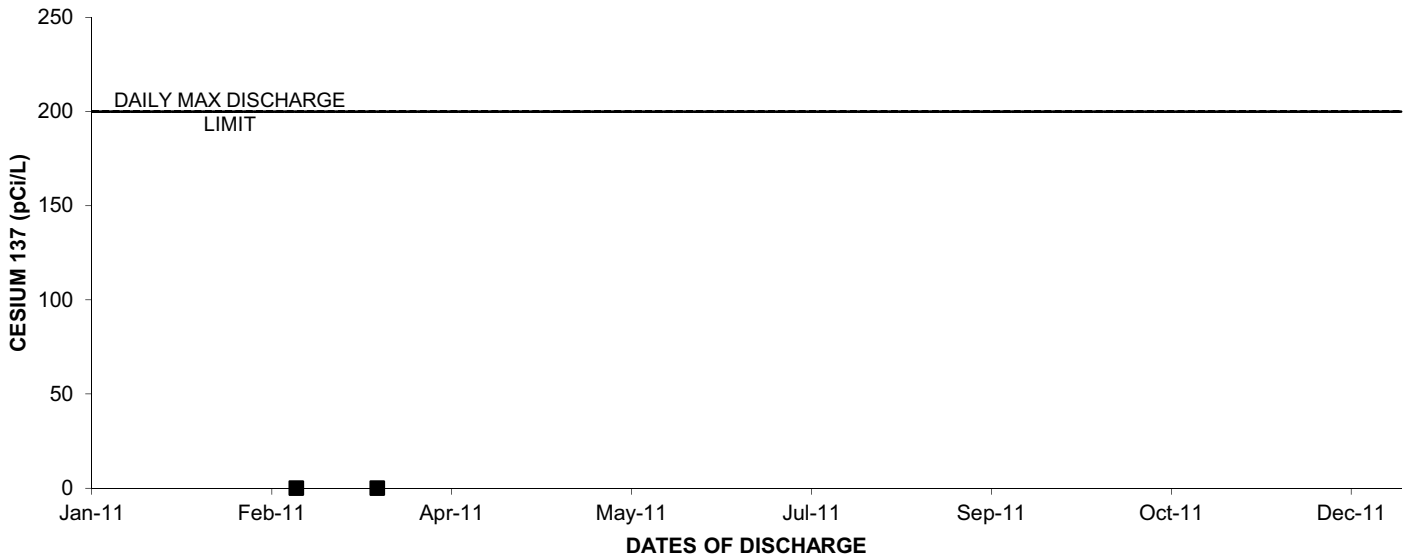
2011: OUTFALL 010 TOTAL CYANIDE



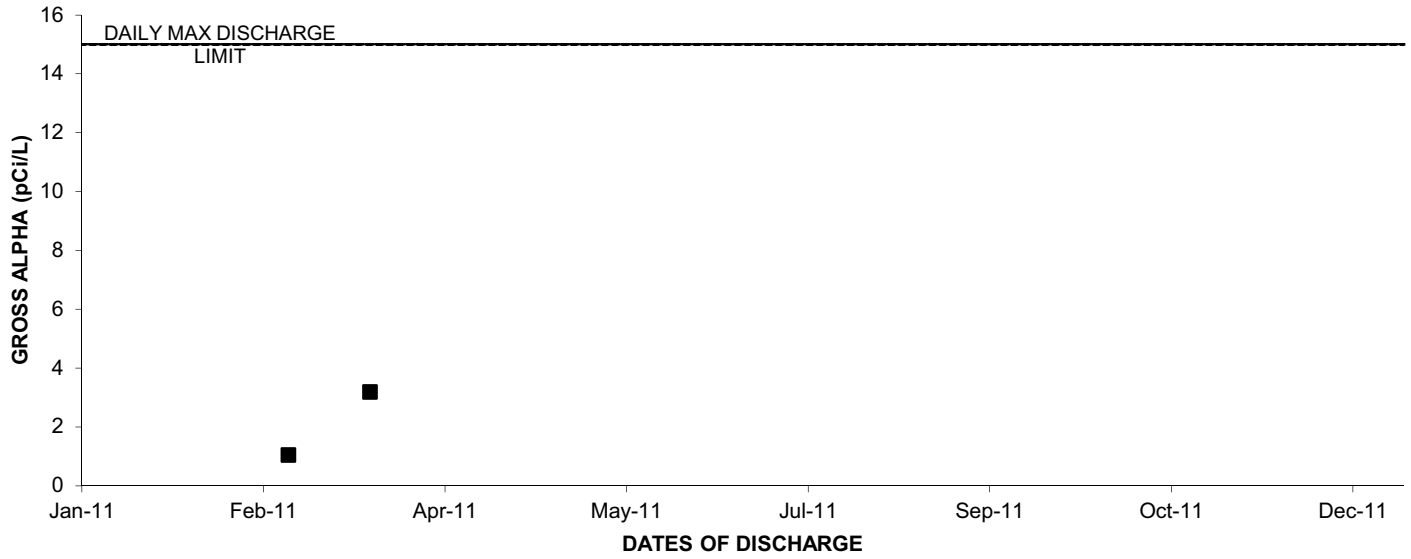
2011: OUTFALL 010 TOTAL DISSOLVED SOLIDS



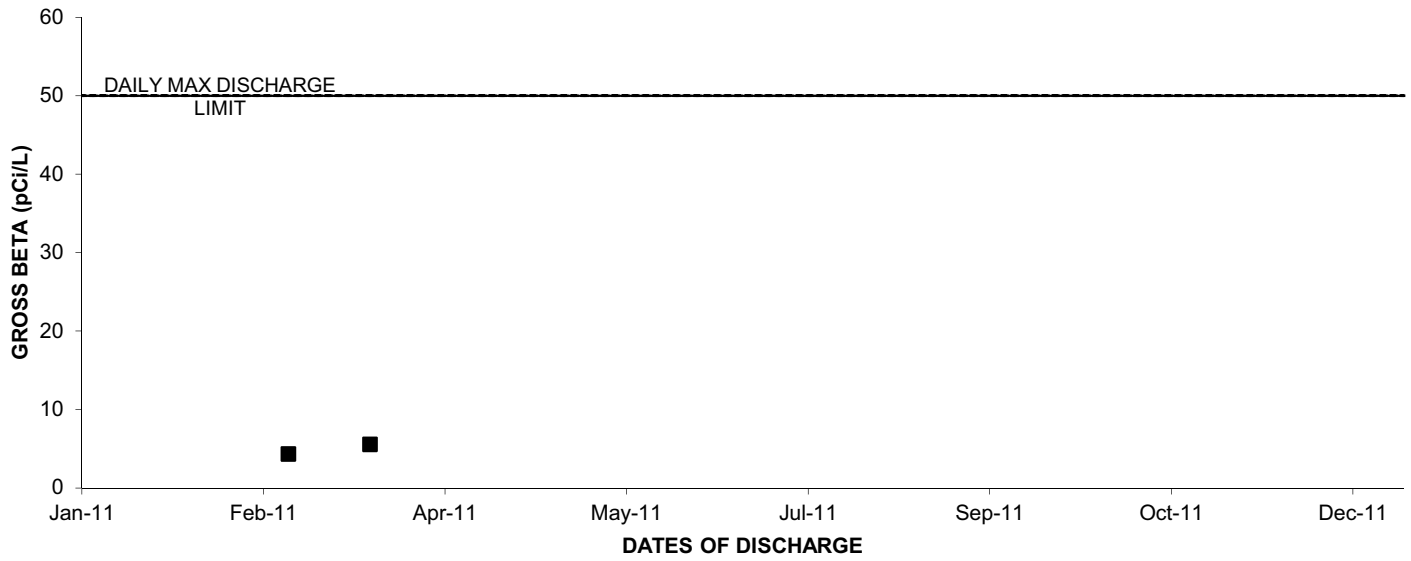
2011: OUTFALL 010 CESIUM 137



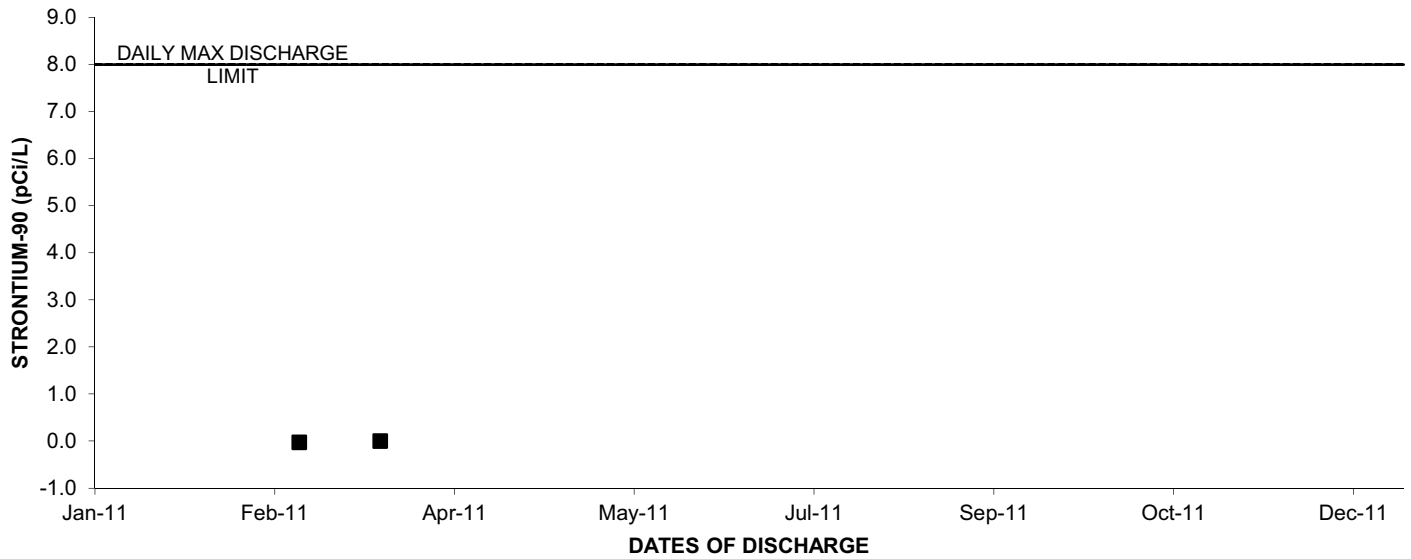
2011: OUTFALL 010 GROSS ALPHA



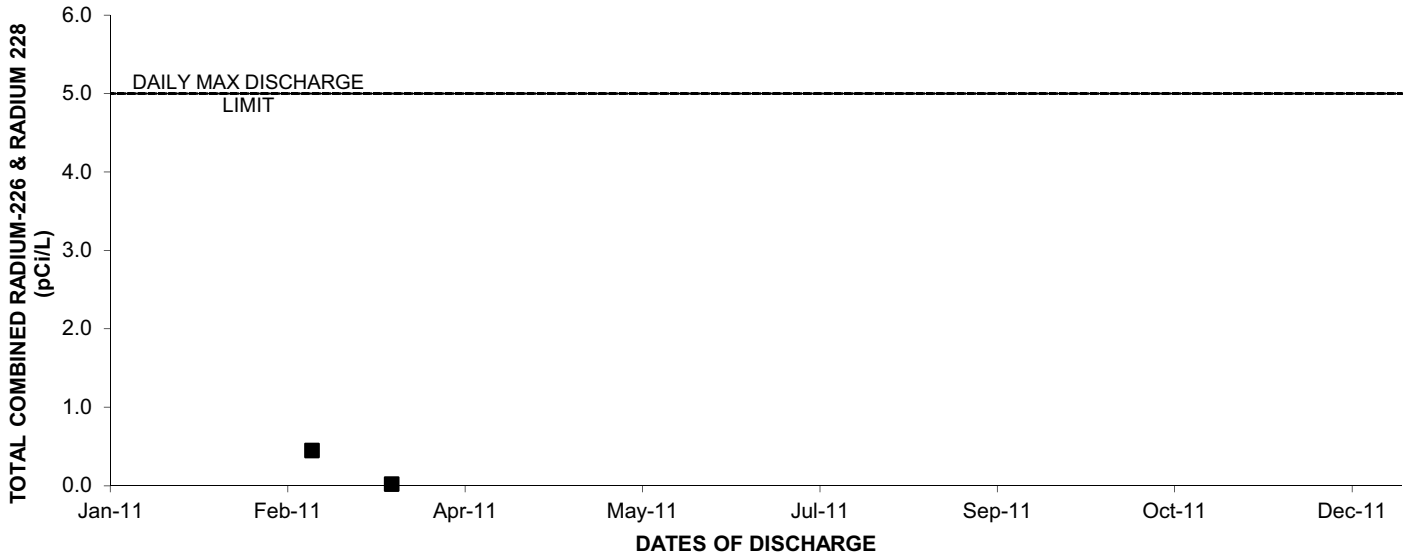
2011: OUTFALL 010 GROSS BETA



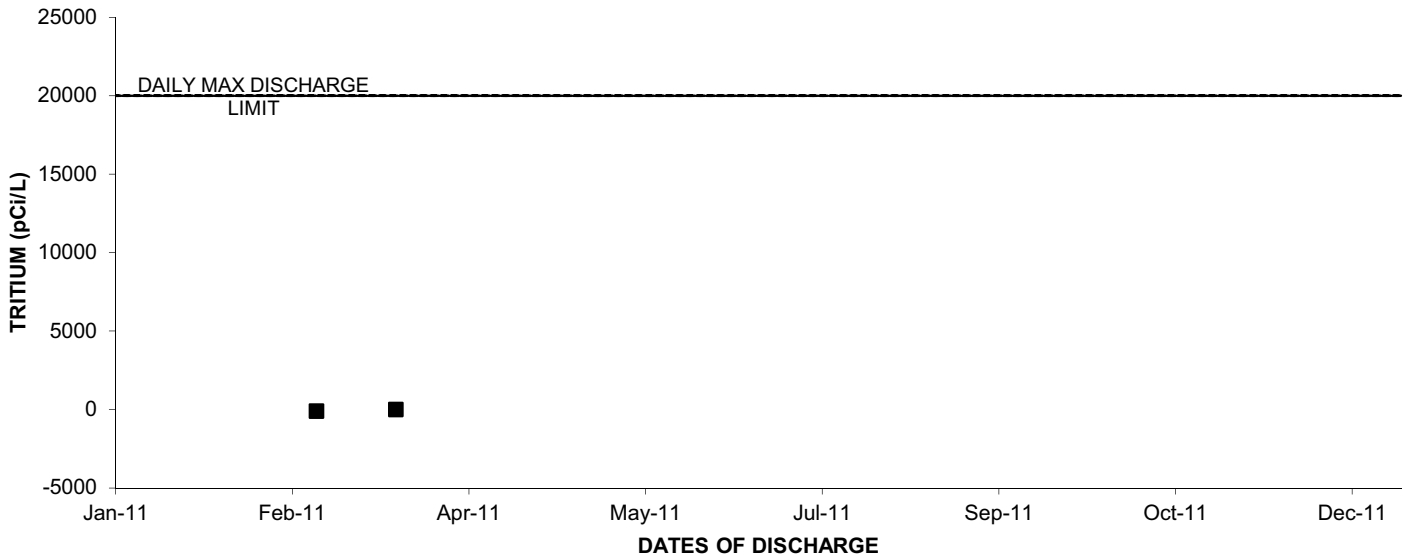
2011: OUTFALL 010 STRONTIUM-90



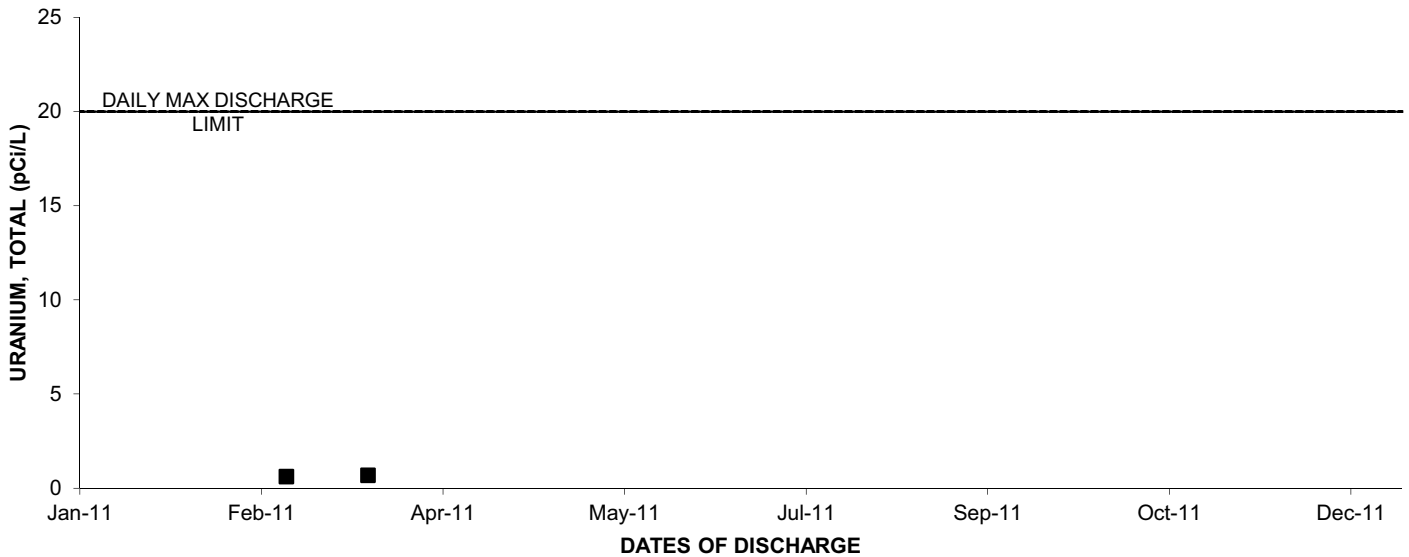
2011: OUTFALL 010 TOTAL COMBINED RADIUM-226 & RADIUM 228



2011: OUTFALL 010 TRITIUM



2011: OUTFALL 010 URANIUM, TOTAL



2011: Outfall 010 TCDD

