

SECTION 5

OUTFALL 008 (HAPPY VALLEY DRAINAGE)
ANNUAL 2010 REPORTING SUMMARY

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OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010		
			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	6.0	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Comp	0.64	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	Comp	0.64	*
Nitrite-N	mg/L	1.0/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.5	*
Sulfate	mg/L	300/-	Comp	7.2	*
Temperature	deg. F	86/-	Grab	56	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	Comp	240	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	780	H-1*
Volume Discharged	MGD	17.8/-	Meas	0.08447	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	ND < 0.30	U
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	U
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	3.1/-	Comp	0.25	J (DNQ)
Cadmium, dissolved	ug/L	-/-	Comp	0.22	J (DNQ)
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	14.0/-	Comp	6.8	J (*III)
Copper, dissolved	ug/L	-/-	Comp	4.6	J (*III)
Iron	mg/L	-/-	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	7.9	--
Lead, dissolved	ug/L	-/-	Comp	5.2	--
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	-/-	Comp	ND < 0.50	U
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	U
Silver	ug/L	-/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	Comp	0.29	J (DNQ)
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	159/-	Comp	47	J (*III)
Zinc, dissolved	ug/L	-/-	Comp	30	J (*III)

OUTFALL 008 (Happy Valley Drainage)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	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-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	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	1.0/-	Comp	1.0	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
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
Endrin ketone	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
m-Nitroaniline	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
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/5/2010-2/6/2010			2/27/2010-2/28/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	Comp	ND < 22	UJ (H)	ANR	ANR	ANR
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Chloride	mg/L	150/-	Comp	15	*	Comp	12	*
Fluoride	mg/L	1.6/-	Comp	0.26	B*	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Comp	0.67	*	Comp	0.48	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	Comp	0.67	*	Comp	0.48	*
Nitrite-N	mg/L	1.0/-	Comp	ND < 0.090	*	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*	Comp	1.6	J* (DNQ)
pH (Field)	pH units	6.5-8.5/-	Grab	7.5	*	Grab	7.2	*
Sulfate	mg/L	300/-	Comp	13	*	Comp	10	*
Temperature	deg. F	86/-	Grab	50	*	Grab	53.4	*
Total Cyanide	ug/L	-/-	Comp	ND < 2.2	*	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	Comp	200	*	Comp	270	*
Hardness	mg/L	-/-	Comp	98	*	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	Comp	69	*	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	250	--	Comp	100	J (H)
Volume Discharged	MGD	17.8/-	Meas	0.390155	*	Meas	0.160415	*
METALS								
Aluminum	ug/L	-/-	Comp	12000	--	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	Comp	270	--	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	ND < 2.0	UJ (B)	Comp	0.39	J (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.36	J (DNQ)	Comp	0.30	J (DNQ)
Arsenic	ug/L	-/-	Comp	ND < 7.0	U	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	Comp	ND < 7.0	U	ANR	ANR	ANR
Beryllium	ug/L	-/-	Comp	ND < 0.90	U	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	Comp	ND < 0.90	U	ANR	ANR	ANR
Boron	mg/L	1.0/-	Comp	ND < 0.062	U (B)	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	Comp	ND < 0.12	U (B)	ANR	ANR	ANR
Cadmium	ug/L	3.1/-	Comp	ND < 1.0	UJ (R, B)	Comp	0.15	J (DNQ)
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Calcium	mg/L	-/-	Comp	28	--	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	Comp	21	--	ANR	ANR	ANR
Chromium	ug/L	-/-	Comp	16	--	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	Comp	12	--	ANR	ANR	ANR
Chromium VI	ug/L	-/-	Grab	ND < 0.25	*	ANR	ANR	ANR
Copper	ug/L	14.0/-	Comp	13.9	J (*III)	Comp	9.1	J (*III)
Copper, dissolved	ug/L	-/-	Comp	3.5	J (*III)	Comp	2.9	J (*III)
Iron	mg/L	-/-	Comp	14	--	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	Comp	0.29	--	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	10	--	Comp	7.0	--
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	U	Comp	0.48	J (B, DNQ)
Magnesium	mg/L	-/-	Comp	6.8	--	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	Comp	3.7	--	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/-	Comp	7.2	J (R, DNQ)	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	Comp	5.3	J (DNQ)	ANR	ANR	ANR
Selenium	ug/L	-/-	Comp	0.62	J (DNQ)	Comp	0.51	J (DNQ)
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	U	Comp	ND < 0.50	U
Silver	ug/L	-/-	Comp	ND < 6.0	U	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	Comp	ND < 6.0	UJ (C)	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	U	Comp	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	U	Comp	ND < 0.20	U
Vanadium	ug/L	-/-	Comp	26	--	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	Comp	ND < 3.0	U	ANR	ANR	ANR
Zinc	ug/L	159/-	Comp	49	--	Comp	33	J (*III)
Zinc, dissolved	ug/L	-/-	Comp	49	--	Comp	ND < 5.0	UJ (*III)

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January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/5/2010-2/6/2010			2/27/2010-2/28/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
ORGANICS								
Benzene	ug/L	-/-	Grab	ND < 0.28	*	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*	ANR	ANR	ANR
Chloroform	ug/L	-/-	Grab	ND < 0.33	*	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	Grab	ND < 0.28	*	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	Grab	ND < 0.42	*	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*	ANR	ANR	ANR
Toluene	ug/L	-/-	Grab	ND < 0.36	*	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	Grab	ND < 0.26	*	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
ADDITIONAL ANALYTES								
2,4,5-Trichlorophenol	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	Comp	ND < 4.2	*	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	Comp	ND < 7.5	*	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	Comp	ND < 7.1	*	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	Comp	ND < 0.0019	*	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	Comp	ND < 0.0028	*	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	Comp	ND < 0.0038	*	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	Comp	ND < 5.2	*	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Acrolein	ug/L	-/-	Grab	ND < 4.0	*	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	Grab	100	--	ANR	ANR	ANR
Aldrin	ug/L	-/-	Comp	ND < 0.0014	*	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	Comp	ND < 0.0024	*	ANR	ANR	ANR
Aniline	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Anthracene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
Benzidine	ug/L	-/-	Comp	ND < 9.4	C*	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	Comp	ND < 9.4	*	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
beta-BHC	ug/L	-/-	Comp	ND < 0.0038	*	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
Bromoform	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
Chlordane	ug/L	-/-	Comp	ND < 0.038	*	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*	ANR	ANR	ANR
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	Comp	1.0	*	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	Comp	ND < 1.0	*	ANR	ANR	ANR
Chrysene	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.32	*	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*	ANR	ANR	ANR
delta-BHC	ug/L	-/-	Comp	ND < 0.0033	*	ANR	ANR	ANR
Diazinon	ug/L	-/-	Comp	ND < 0.25	*	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*	ANR	ANR	ANR
Dieldrin	ug/L	-/-	Comp	ND < 0.0019	*	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	Comp	ND < 0.0019	*	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	Comp	ND < 0.0028	*	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	Comp	ND < 0.0028	*	ANR	ANR	ANR
Endrin	ug/L	-/-	Comp	ND < 0.0019	C*	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	Comp	ND < 0.0019	*	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	Comp	ND < 0.0028	*	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Fluorene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Heptachlor	ug/L	-/-	Comp	ND < 0.0028	C*	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	Comp	ND < 0.0024	*	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	Comp	ND < 4.7	L*	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	Comp	ND < 0.0028	*	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	Comp	ND < 0.0033	*	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Naphthalene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	Comp	ND < 2.4	*	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
p-Cresol	ug/L	-/-	Comp	ND < 2.8	*	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	Comp	ND < 3.3	*	ANR	ANR	ANR
Phenol	ug/L	-/-	Comp	ND < 1.9	*	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
Pyrene	ug/L	-/-	Comp	ND < 3.8	*	ANR	ANR	ANR
Toxaphene	ug/L	-/-	Comp	ND < 0.24	*	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*	ANR	ANR	ANR

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*	Grab	ND < 0.50	*
Chloride	mg/L	150/-	Comp	9.3	*	Grab	83	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	Comp	0.34	*	Grab	0.93	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	Comp	0.34	*	Grab	0.93	*
Nitrite-N	mg/L	1.0/-	Comp	ND < 0.090	*	Grab	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 0.90	*	Grab	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	8.0	*	Grab	6.9	*
Sulfate	mg/L	300/-	Comp	7.2	*	Grab	65	*
Temperature	deg. F	86/-	Grab	55	*	Grab	55	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	950/-	Comp	190	*	Grab	330	*
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	0.0184	*	Meas	0.00674	*
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	0.35	Ja* (DNQ)	Grab	0.48	Ja* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*	Grab	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	3.1/-	Comp	ND < 0.10	*	Grab	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Grab	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	14.0/-	Comp	1.3	Ja* (DNQ)	Grab	6.0	*
Copper, dissolved	ug/L	-/-	Comp	1.2	B, Ja* (DNQ)	Grab	1.1	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	0.38	Ja* (DNQ)	Grab	1.5	*
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Grab	0.21	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	Grab	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Grab	0.16	J (DNQ)
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	Comp	0.59	Ja* (DNQ)	Grab	1.3	Ja* (DNQ)
Selenium, dissolved	ug/L	-/-	Comp	0.60	Ja* (DNQ)	Grab	1.3	Ja* (DNQ)
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Grab	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Grab	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	159/-	Comp	ND < 5.0	*	Grab	17	Ja* (DNQ)
Zinc, dissolved	ug/L	-/-	Comp	ND < 5.0	*	Grab	ND < 5.0	*

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	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-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2010			3/25/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Benidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	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	1.0/-	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-1,2-Dichloroethene	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
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

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 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/7/2010			3/25/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Cresol	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
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/19/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*
Chloride	mg/L	150/-	Comp	17	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.52	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.52	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	1.9	J (DNQ)
pH (Field)	pH units	6.5-8.5/-	Grab	7.3	*
Sulfate	mg/L	300/-	Comp	8.0	*
Temperature	deg. F	86/-	Grab	53	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	220	*
Total Suspended Solids	mg/L	-/-	Comp	150	--
Volume Discharged	MGD	17.8/-	NA	0.16158	*
METALS					
Aluminum	ug/L	-/-	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	ND < 0.30	U
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	U
Arsenic	ug/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR
Cadmium	ug/L	(4.0)3.1/-	Comp	0.12	J (DNQ)
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Chromium	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	9.07	--
Copper, dissolved	ug/L	-/-	Comp	2.60	--
Iron	mg/L	-/-	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	6.7	--
Lead, dissolved	ug/L	-/-	Comp	0.32	J (DNQ)
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
Selenium	ug/L	5/-	Comp	ND < 0.50	U
Selenium, dissolved	ug/L	-/-	Comp	0.50	J (DNQ)
Silver	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	159/-	Comp	43.5	--
Zinc, Dissolved	ug/L	-/-	Comp	7.88	J (DNQ)
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

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

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

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/19/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	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
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

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

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

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/19/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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/-	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
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 event on 12/26/10 is a dry discharge.

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/26/2010 ^(a)			12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Chloride	mg/L	150/-	Comp	13	*	Comp	16	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.73	*	Comp	0.79	*
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.73	*	Comp	0.79	*
Nitrite-N	mg/L	1/-	Comp	ND < 0.090	*	Comp	ND < 0.090	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	0.90	J (DNQ, *III)	Comp	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	Grab	7.3	*	Grab	7.6	*
Sulfate	mg/L	300/-	Comp	11	*	Comp	15	*
Temperature	deg. F	86/-	Grab	48	*	Grab	49	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*	Comp	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	Comp	180	*	Comp	200	*
Total Suspended Solids	mg/L	-/-	Comp	14	--	Comp	12	--
Volume Discharged	MGD	17.8/-	NA	0.04675	*	NA	0.027255	*
METALS								
Aluminum	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
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	(4.0)3.1/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	3.48	*	Comp	2.69	*
Copper, dissolved	ug/L	-/-	Comp	1.82	Ja* (DNQ)	Comp	2.03	*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	1.0	*	Comp	0.87	Ja* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
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
Selenium	ug/L	5/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*	Comp	ND < 0.50	*
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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
Zinc	ug/L	159/-	Comp	15.7	Ja* (DNQ)	Comp	11.8	Ja* (DNQ)
Zinc, Dissolved	ug/L	-/-	Comp	7.03	Ja* (DNQ)	Comp	ND < 6.00	*
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

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

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

OUTFALL 008 (Happy Valley Drainage)

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

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/26/2010 ^(a)			12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	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
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	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

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

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

OUTFALL 008 (Happy Valley Drainage)

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

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/26/2010 ^(a)			12/29/2010-12/30/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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	*	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
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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

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

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

OUTFALL 008 (Happy Valley Drainage)

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

Sample Type: Composite

Sample Date: January 18, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.60E-05	5.00E-05	1.60E-04	--	0.01	1.60E-06
1,2,3,4,6,7,8-HpCDF	1.30E-05	5.00E-05	5.80E-05	--	0.01	5.80E-07
1,2,3,4,7,8,9-HpCDF	1.90E-05	5.00E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	1.10E-05	5.00E-05	ND	U	0.1	ND
1,2,3,4,7,8-HxCDF	1.10E-05	5.00E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDD	1.00E-05	1.20E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDF	9.70E-06	5.00E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDD	8.30E-06	5.00E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	9.50E-06	5.00E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	1.70E-05	5.00E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	1.10E-05	5.00E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	8.60E-06	5.00E-05	ND	U	0.1	ND
2,3,4,7,8-PeCDF	1.10E-05	5.00E-05	ND	U	0.5	ND
2,3,7,8-TCDD	4.70E-06	1.00E-05	ND	U	1	ND
2,3,7,8-TCDF	4.30E-06	1.00E-05	ND	U	0.1	ND
OCDD	4.30E-05	1.00E-04	1.70E-03	--	0.0001	1.70E-07
OCDF	2.60E-05	9.60E-05	ND	UJ (*III)	0.0001	ND

TCDD TEQ w/out DNQ Values	2.35E-06
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TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

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

Sample Type: Composite

Sample Date: February 5-6, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	8.70E-07	5.00E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	7.50E-07	5.20E-06	ND	UJ (*III)	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	7.70E-07	ND	UJ (*III)	0.01	ND
1,2,3,4,7,8-HxCDD	7.00E-07	6.40E-07	ND	UJ (*III)	0.1	ND
1,2,3,4,7,8-HxCDF	7.20E-07	1.30E-06	ND	UJ (*III)	0.1	ND
1,2,3,6,7,8-HxCDD	5.60E-07	1.10E-06	ND	UJ (*III)	0.1	ND
1,2,3,6,7,8-HxCDF	6.00E-07	8.70E-07	ND	UJ (*III)	0.1	ND
1,2,3,7,8,9-HxCDD	5.20E-07	1.40E-06	ND	UJ (*III)	0.1	ND
1,2,3,7,8,9-HxCDF	7.90E-07	5.00E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	8.80E-07	5.00E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	5.00E-07	5.00E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	6.20E-07	4.50E-07	ND	UJ (*III)	0.1	ND
2,3,4,7,8-PeCDF	6.20E-07	5.00E-05	ND	U	0.5	ND
2,3,7,8-TCDD	6.70E-07	1.00E-05	ND	U	1	ND
2,3,7,8-TCDF	2.80E-06	1.00E-05	ND	U	0.1	ND
OCDD	1.30E-06	1.00E-04	1.20E-04	--	0.0001	1.20E-08
OCDF	9.80E-07	1.00E-04	ND	U (B)	0.0001	ND

TCDD TEQ w/out DNQ Values	1.20E-08
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TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

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

Sample Type: Composite

Sample Date: February 27-28, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-05	4.70E-05	2.00E-05	J (DNQ)	0.01	ND
1,2,3,4,6,7,8-HpCDF	2.80E-06	4.70E-05	7.70E-06	J (DNQ)	0.01	ND
1,2,3,4,7,8,9-HpCDF	4.30E-06	4.70E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	5.60E-06	4.70E-05	ND	U	0.1	ND
1,2,3,4,7,8-HxCDF	2.80E-06	4.70E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDD	5.10E-06	4.70E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDF	2.40E-06	4.70E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDD	4.30E-06	4.70E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	2.60E-06	4.70E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	4.00E-06	4.70E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	2.80E-06	4.70E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	2.40E-06	4.70E-05	ND	U	0.1	ND
2,3,4,7,8-PeCDF	3.30E-06	4.70E-05	ND	U	0.5	ND
2,3,7,8-TCDD	2.50E-06	9.40E-06	ND	U	1	ND
2,3,7,8-TCDF	1.50E-06	9.40E-06	ND	U	0.1	ND
OCDD	2.30E-05	9.40E-05	1.60E-04	--	0.0001	1.60E-08
OCDF	8.50E-06	8.30E-06	ND	UJ (*III)	0.0001	ND

TCDD TEQ w/ DNQ Values	
TCDD TEQ w/out DNQ Values	1.60E-08

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

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

Sample Type: Composite

Sample Date: March 8, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.10E-06	5.60E-06	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	9.20E-07	4.00E-06	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.50E-06	5.00E-05	3.40E-06	J (DNQ)	0.01	ND
1,2,3,4,7,8-HxCDD	1.60E-06	1.80E-06	ND	U (B)	0.1	ND
1,2,3,4,7,8-HxCDF	2.30E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDD	1.40E-06	5.00E-05	2.30E-06	J (DNQ)	0.1	ND
1,2,3,6,7,8-HxCDF	2.20E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDD	1.20E-06	5.00E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	2.60E-07	9.20E-07	ND	U (B)	0.1	ND
1,2,3,7,8-PeCDD	9.30E-07	5.00E-05	1.60E-06	J (DNQ)	1	ND
1,2,3,7,8-PeCDF	6.40E-07	5.00E-05	1.60E-06	J (DNQ)	0.05	ND
2,3,4,6,7,8-HxCDF	2.00E-07	5.00E-05	2.30E-06	J (DNQ)	0.1	ND
2,3,4,7,8-PeCDF	7.10E-07	5.00E-05	1.80E-06	J (DNQ)	0.5	ND
2,3,7,8-TCDD	2.00E-08	1.00E-05	ND	U	1	ND
2,3,7,8-TCDF	5.50E-07	1.00E-05	1.20E-06	J (DNQ)	0.1	ND
OCDD	2.60E-06	1.00E-04	ND	U (B)	0.0001	ND
OCDF	1.30E-06	1.00E-04	ND	U (B)	0.0001	ND

TCDD TEQ w/out DNQ Values	ND
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TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

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

Sample Type: Grab

Sample Date: March 25, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.90E-07	5.00E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	3.60E-07	5.00E-05	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	5.70E-07	5.00E-05	1.00E-05	J (DNQ)	0.01	ND
1,2,3,4,7,8-HxCDD	3.00E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,4,7,8-HxCDF	3.20E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDD	2.90E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDF	3.20E-07	5.40E-06	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDD	2.50E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDF	3.00E-07	5.00E-05	ND	U (B)	0.1	ND
1,2,3,7,8-PeCDD	7.20E-07	5.20E-06	ND	U (B)	1	ND
1,2,3,7,8-PeCDF	5.10E-07	5.00E-05	4.60E-06	J (DNQ)	0.05	ND
2,3,4,6,7,8-HxCDF	2.60E-07	5.00E-05	ND	U (B)	0.1	ND
2,3,4,7,8-PeCDF	5.90E-07	5.00E-05	4.40E-06	J (DNQ)	0.5	ND
2,3,7,8-TCDD	3.80E-07	1.00E-05	ND	U	1	ND
2,3,7,8-TCDF	3.90E-07	1.00E-05	ND	U	0.1	ND
OCDD	7.70E-07	1.00E-04	ND	U (B)	0.0001	ND
OCDF	6.20E-07	1.00E-04	ND	U (B)	0.0001	ND

TCDD TEQ w/out DNQ Values	ND
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TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 008 (Happy Valley Drainage)

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

Sample Type: Composite

Sample Date December 19, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-07	1.10E-07	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	3.10E-07	3.00E-07	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	3.70E-07	3.60E-07	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	5.10E-07	5.10E-07	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	2.50E-07	2.40E-07	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.20E-06	1.20E-06	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	7.30E-07	7.20E-07	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.00E-06	9.90E-07	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	4.40E-07	4.40E-07	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.80E-07	6.70E-07	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	8.00E-07	7.90E-07	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	5.50E-07	5.50E-07	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	5.40E-07	5.30E-07	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	3.70E-07	3.70E-07	ND	U	1	1	ND
2,3,7,8-TCDF	5.40E-07	5.40E-07	ND	U	0.1	0.8	ND
OCDD	6.50E-07	6.40E-07	ND	U (B)	0.0001	0.01	ND
OCDF	3.20E-07	3.10E-07	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	ND
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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 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Type: Composite

Sample Date December 26, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	4.90E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	8.00E-08	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.10E-07	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	4.50E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	7.10E-07	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	5.40E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	1.20E-07	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	5.60E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	2.00E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	8.20E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	5.30E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	1.10E-07	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	6.00E-07	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	6.90E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	4.20E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	2.40E-07	1.00E-04	ND	U (B)	0.0001	0.01	ND
OCDF	7.10E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	ND
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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 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Type: Composite

Sample Date December 29-30, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	8.40E-07	5.00E-05	ND	U (B)	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	3.40E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	4.50E-07	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	7.70E-07	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	3.10E-07	5.00E-05	ND	UJ (*III)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	3.80E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	2.90E-07	5.00E-05	ND	UJ (*III)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	3.90E-07	5.00E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	3.40E-07	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	7.70E-07	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	3.10E-07	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	2.80E-07	5.00E-05	ND	UJ (*III)	0.1	0.7	ND
2,3,4,7,8-PeCDF	3.30E-07	5.00E-05	ND	UJ (*III)	0.5	1.6	ND
2,3,7,8-TCDD	4.30E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	4.00E-07	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.80E-06	1.00E-04	8.40E-05	J, B* (DNQ)	0.0001	0.01	ND
OCDF	5.70E-07	1.00E-04	6.60E-06	J, B* (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 2010 REPORTING SUMMARY
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY
 NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	SAMPLE TYPE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010			2/5/2010		
				RESULT	VALIDATION QUALIFIER	MDA	RESULT	VALIDATION QUALIFIER	MDA
RADIOACTIVITY									
Gross Alpha	Composite	pCi/L	15/-	25.8 ± 5.5	J (H, C)	3.8	20.5 ± 4.0	J (H, C)	2.2
Gross Beta	Composite	pCi/L	50/-	25.4 ± 4.3	J (H)	4.4	10.8 ± 1.7	J (H)	1.2
Strontium-90	Composite	pCi/L	8.0/-	0.26 ± 0.46	U	0.77	0.85 ± 0.89	UJ (*III)	1.4
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	-1.81 ± 0.90	U	1.99	0.31 ± 0.25	R	0.53
Tritium	Composite	pCi/L	20000/-	81 ± 90	U	140	ND < 500 ± 72	U (B)	95
Uranium, Total	Composite	pCi/L	20/-	0.652 ± 0.070	J (H, DNQ)	0.21	0.811 ± 0.086	J (H)	0.21
Potassium-40	Composite	pCi/L	-/-	-30 ± 240	U	290	-100 ± 5300	UJ (H)	200
Cesium 137	Composite	pCi/L	200/-	-2.3 ± 9.2	U	17	-1.6 ± 8.7	UJ (H)	16

OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	SAMPLE TYPE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/28/2010			3/7/2010		
				RESULT	VALIDATION QUALIFIER	MDA	RESULT	VALIDATION QUALIFIER	MDA
RADIOACTIVITY									
Gross Alpha	Composite	pCi/L	15/-	7.9 ± 2.3	J (H, C)	2	0.82 ± 0.99	UJ (C)	1.6
Gross Beta	Composite	pCi/L	50/-	6.7 ± 1.2	J (H)	1.1	2.2 ± 1.1	J (DNQ)	1.6
Strontium-90	Composite	pCi/L	8.0/-	0.13 ± 0.24	U	0.41	0.42 ± 0.90	UJ (*III)	1.5
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	0.64 ± 0.514	U	1.05	0.354 ± 0.314	U	0.56
Tritium	Composite	pCi/L	20000/-	100 ± 86	U	130	-54 ± 66	U	150
Uranium, Total	Composite	pCi/L	20/-	ND < 1.38 ± 0.15	UJ (H, B)	0.21	ND < 0.693 ± 0.085	U (B)	0.21
Potassium-40	Composite	pCi/L	-/-	-60 ± 410	U	250	-30 ± 220	U	220
Cesium 137	Composite	pCi/L	200/-	-3 ± 12	U	18	0.9 ± 8.3	U	15

OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	SAMPLE TYPE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/25/2010		
				RESULT	VALIDATION QUALIFIER	MDA
RADIOACTIVITY						
Gross Alpha	Composite	pCi/L	15/-	2.5 ± 1.8	2.5	UJ (H,C)
Gross Beta	Composite	pCi/L	50/-	4.4 ± 1.1	1.3	J (H)
Strontium-90	Composite	pCi/L	8.0/-	0.12 ± 0.31	0.52	U
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	0.27 ± 0.32	0.66	UJ (C)
Tritium	Composite	pCi/L	20000/-	-106 ± 89	190	U
Uranium, Total	Composite	pCi/L	20/-	1.61 ± 0.17	0.21	J (H)
Potassium-40	Composite	pCi/L	-/-	-90 ± 390	220	U
Cesium 137	Composite	pCi/L	200/-	1 ± 6.7	12	U

OUTFALL 008 (Happy Valley Drainage)

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

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/19/2010 (Comp)			12/26/2010 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	10.4 ± 1.3	0.643	J (C)	1.66 ± 0.54	0.646	J (C, DNQ)
Gross Beta	pCi/L	50/-	12.8 ± 0.86	0.852	--	4.16 ± 0.66	0.923	--
Strontium-90	pCi/L	8.0/-	-0.007 ± 0.48	1.11	U	-0.112 ± 0.30	0.752	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	2.03 ± 0.81	0.88	--	0.33 ± 0.45	1.16	U
Tritium	pCi/L	20000/-	-216 ± 160	293	U	18.3 ± 160	275	U
Uranium, Total	pCi/L	20/-	1.24 ± 0.13	0.019	--	0.677 ± 0.077	0.017	J (DNQ)
Potassium-40	pCi/L	-/-	21.0 ± 0.19	14.7	J (DNQ)	ND < 18.9	18.9	U
Cesium 137	pCi/L	200/-	ND < 1.33	1.33	U	ND < 1.64	1.64	U

OUTFALL 008 (Happy Valley Drainage)

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

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/30/2010 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	0.928 ± 0.46	0.566	J (C, DNQ)
Gross Beta	pCi/L	50/-	3.17 ± 0.60	0.844	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.221 ± 1.0	2.24	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.15 ± 0.51	1.54	U
Tritium	pCi/L	20000/-	31.2 ± 180	314	U
Uranium, Total	pCi/L	20/-	0.749 ± 0.085	0.017	J (DNQ)
Potassium-40	pCi/L	-/-	ND < 39.2	39.2	U
Cesium 137	pCi/L	200/-	ND < 1.54	1.54	U

OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/18/2010			02/05/2010-02/06/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	17.8	Meas	0.08447	*	Meas	0.30574	*
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	4.23	*	Comp	38.25	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	Comp	0.66	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	0.45	*	Comp	1.71	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	0.45	*	Comp	1.71	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	*	Comp	ND	*
Sulfate	LBS/DAY	44,536/-	Comp	5.07	*	Comp	33.15	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	169.08	*	Comp	509.97	*
Antimony	LBS/DAY	0.89/-	Comp	ND	U	Comp	ND	UJ (B)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	Comp	ND	U (B)
Cadmium	LBS/DAY	0.46/-	Comp	0.00018	J (DNQ)	Comp	ND	UJ (R, B)
Copper	LBS/DAY	2.08/-	Comp	0.0048	J (*III)	Comp	0.04	J (*III)
Lead	LBS/DAY	0.77/-	Comp	0.01	--	Comp	0.03	--
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	Comp	0.02	J (R, DNQ)
Thallium	LBS/DAY	0.3/-	Comp	ND	U	Comp	ND	U
Zinc	LBS/DAY	23.6/-	Comp	0.03	J (*III)	Comp	0.12	--
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	1.66E-09	--	Comp	3.06E-11	--

OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	02/27/2010-02/28/2010			3/7/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	17.8	Meas	0.12144	*	Meas	0.01185	*
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	12.15	*	Comp	0.92	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	0.49	*	Comp	0.03	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	0.49	*	Comp	0.03	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	0.0016	J* (DNQ)	Comp	ND	*
Sulfate	LBS/DAY	44,536/-	Comp	10.13	*	Comp	0.71	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	273.46	*	Comp	18.78	*
Antimony	LBS/DAY	0.89/-	Comp	0.00039	J (DNQ)	Comp	0.000035	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	LBS/DAY	0.46/-	Comp	0.00015	J (DNQ)	Comp	ND	*
Copper	LBS/DAY	2.08/-	Comp	0.01	J (*III)	Comp	0.00013	Ja* (DNQ)
Lead	LBS/DAY	0.77/-	Comp	0.01	--	Comp	0.000038	Ja* (DNQ)
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	U	Comp	ND	*
Zinc	LBS/DAY	23.6/-	Comp	0.03	J (*III)	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	1.62E-11	--	Comp	ND	--

OUTFALL 008 (Happy Valley Drainage)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	3/25/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	17.8	Meas	0.00674	*
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Grab	ND	*
Chloride	LBS/DAY	22,268/-	Grab	4.67	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Grab	0.05	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Grab	0.05	*
Nitrite-N	LBS/DAY	148/-	Grab	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Grab	ND	*
Sulfate	LBS/DAY	44,536/-	Grab	3.65	*
Total Dissolved Solids	LBS/DAY	141,029/-	Grab	18.55	*
Antimony	LBS/DAY	0.89/-	Grab	0.000027	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Cadmium	LBS/DAY	0.46/-	Grab	ND	*
Copper	LBS/DAY	2.08/-	Grab	0.00034	*
Lead	LBS/DAY	0.77/-	Grab	0.00008	*
Mercury	LBS/DAY	0.02/-	Grab	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Grab	ND	*
Zinc	LBS/DAY	23.6/-	Grab	0.0010	Ja* (DNQ)
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Grab	ND	--

OUTFALL 008 (Happy Valley Drainage)

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

July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/19/2010			12/26/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.16158		Meas	0.04675	
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	22.91	*	Comp	5.07	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	0.70	*	Comp	0.28	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	0.70	*	Comp	0.28	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	0.00	J (DNQ)	Comp	0.00	J (DNQ, *III)
Sulfate	LBS/DAY	44,536/-	Comp	10.78	*	Comp	4.29	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	296.47	*	Comp	70.18	*
Antimony	LBS/DAY	0.89/-	Comp	ND	U	Comp	ND	*
Cadmium	LBS/DAY	0.46/-	Comp	0.0002	J (DNQ)	Comp	ND	*
Copper	LBS/DAY	2.08/-	Comp	0.01	--	Comp	0.0014	*
Lead	LBS/DAY	0.77/-	Comp	0.01	--	Comp	0.0004	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U
Selenium	LBS/DAY	0.7/-	Comp	ND	U	Comp	ND	*
Thallium	LBS/DAY	0.3/-	Comp	ND	U	Comp	ND	*
Zinc	LBS/DAY	23.6/-	Comp	0.06	--	Comp	0.01	Ja* (DNQ)
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	Comp	ND	--	Comp	ND	--

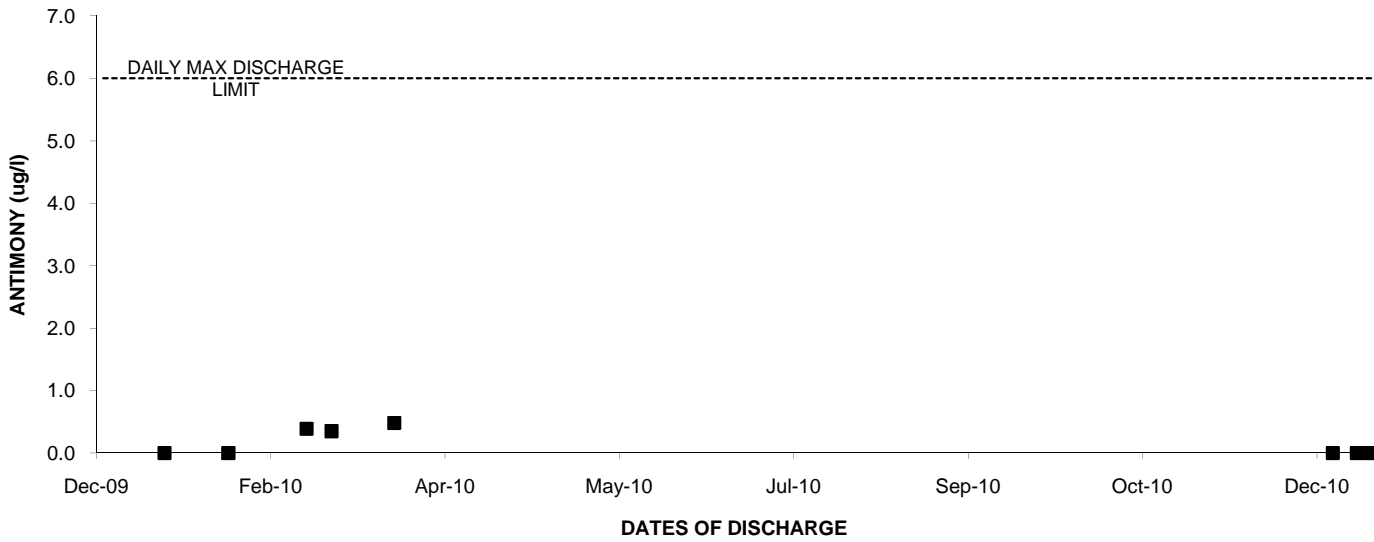
OUTFALL 008 (Happy Valley Drainage)

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

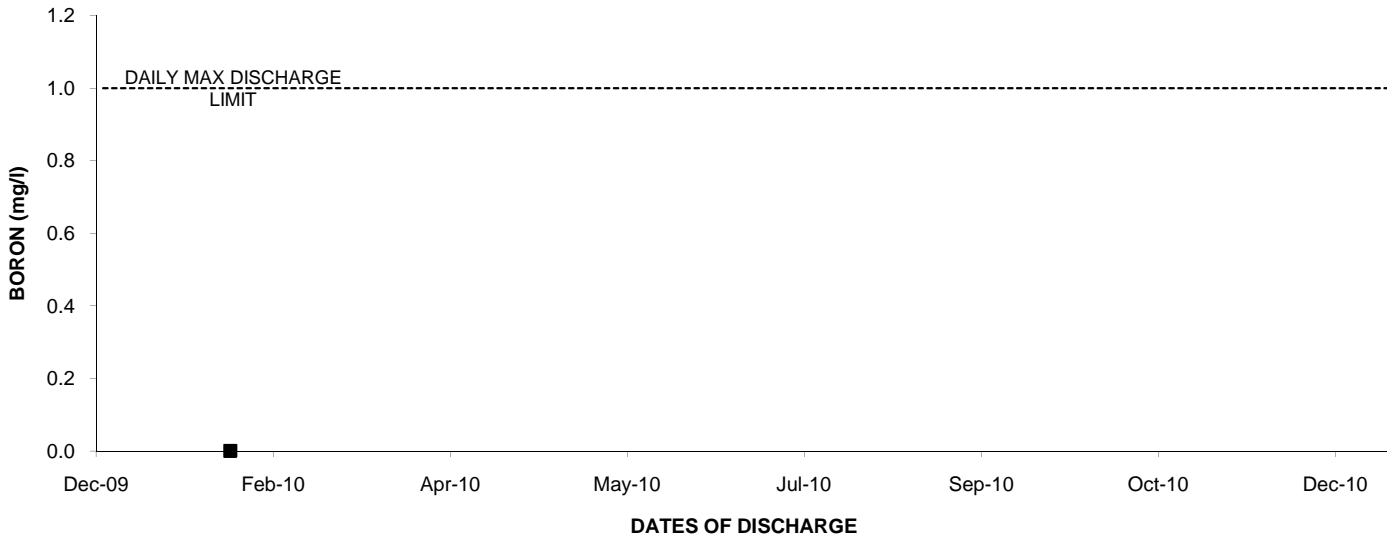
July 19, 2010 through December 31, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/29/2010-12/30/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.027255	
Ammonia as Nitrogen (N)	LBS/DAY	1,500/-	Comp	ND	*
Chloride	LBS/DAY	22,268/-	Comp	3.64	*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,188/-	Comp	0.18	*
Nitrate as Nitrogen (N)	LBS/DAY	1,190/-	Comp	0.18	*
Nitrite-N	LBS/DAY	148/-	Comp	ND	*
Oil & Grease	LBS/DAY	2,227/-	ANR	ANR	ANR
Perchlorate	LBS/DAY	0.89/-	Comp	ND	*
Sulfate	LBS/DAY	44,536/-	Comp	3.41	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	141,029/-	Comp	45.46	*
Antimony	LBS/DAY	0.89/-	Comp	ND	*
Cadmium	LBS/DAY	0.46/-	Comp	ND	*
Copper	LBS/DAY	2.08/-	Comp	0.0006	*
Lead	LBS/DAY	0.77/-	Comp	0.0002	Ja* (DNQ)
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Selenium	LBS/DAY	0.7/-	Comp	ND	*
Thallium	LBS/DAY	0.3/-	Comp	ND	*
Zinc	LBS/DAY	23.6/-	Comp	0.0027	Ja* (DNQ)
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	Comp	ND	--

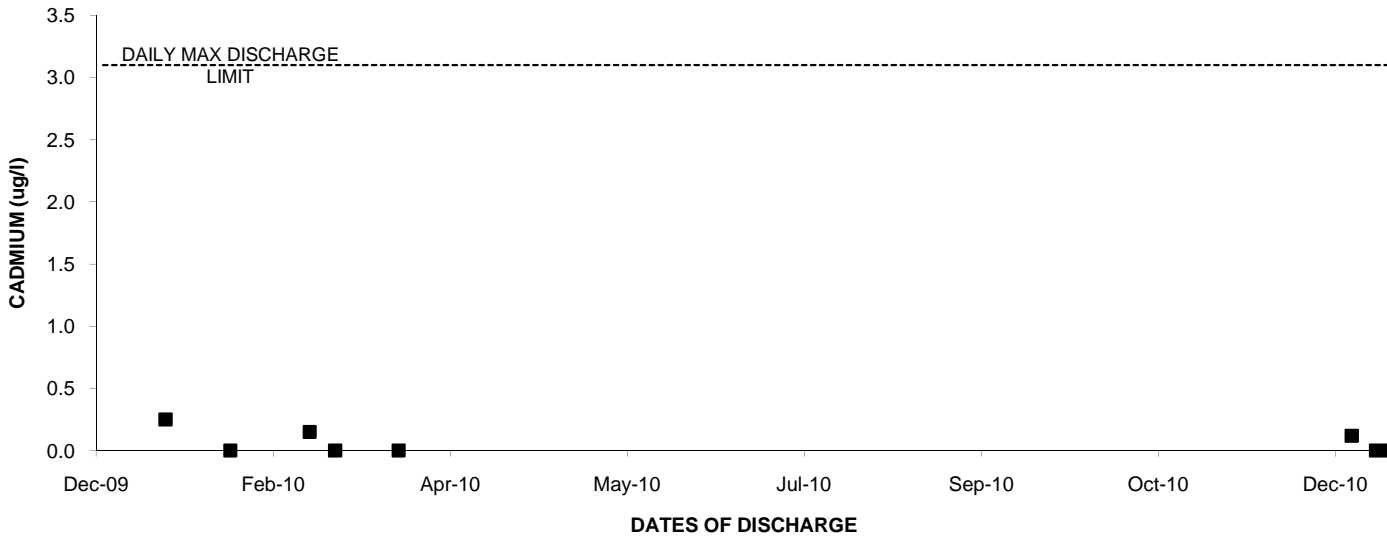
2010: Outfall 008 ANTIMONY



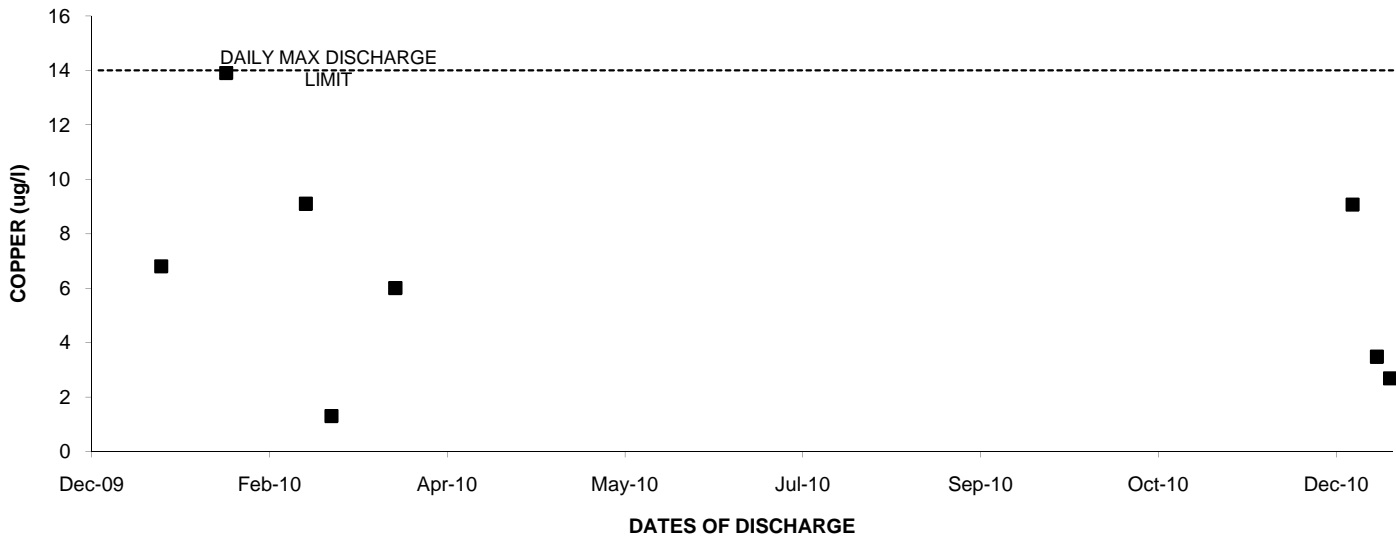
2010: Outfall 008 BORON



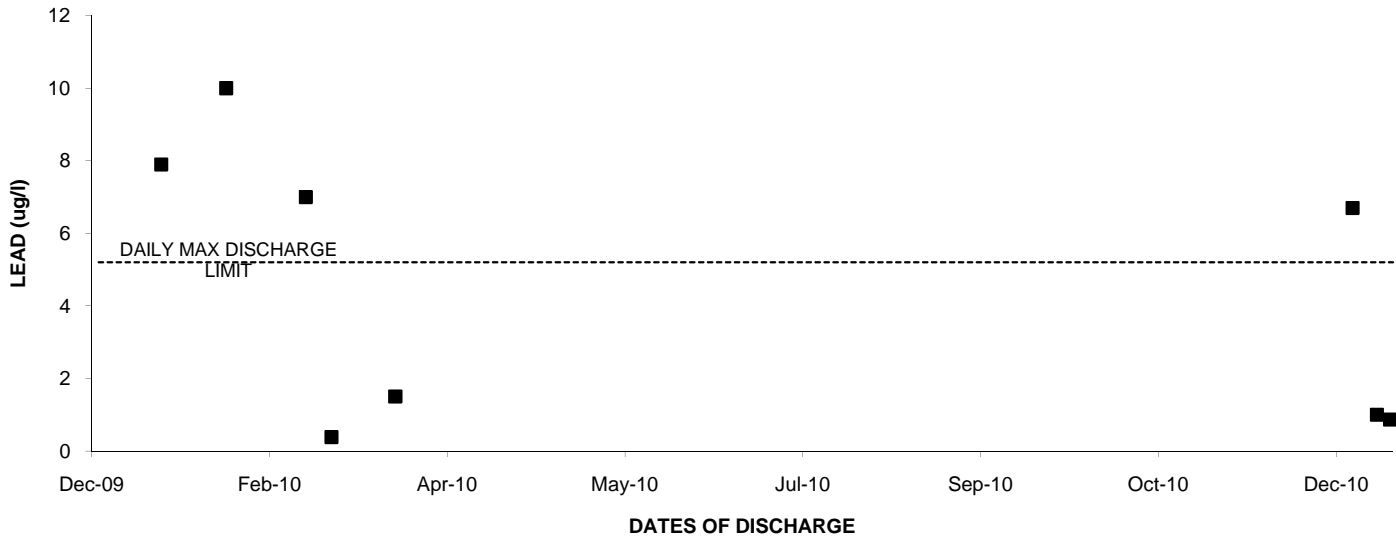
2010: Outfall 008 CADMIUM



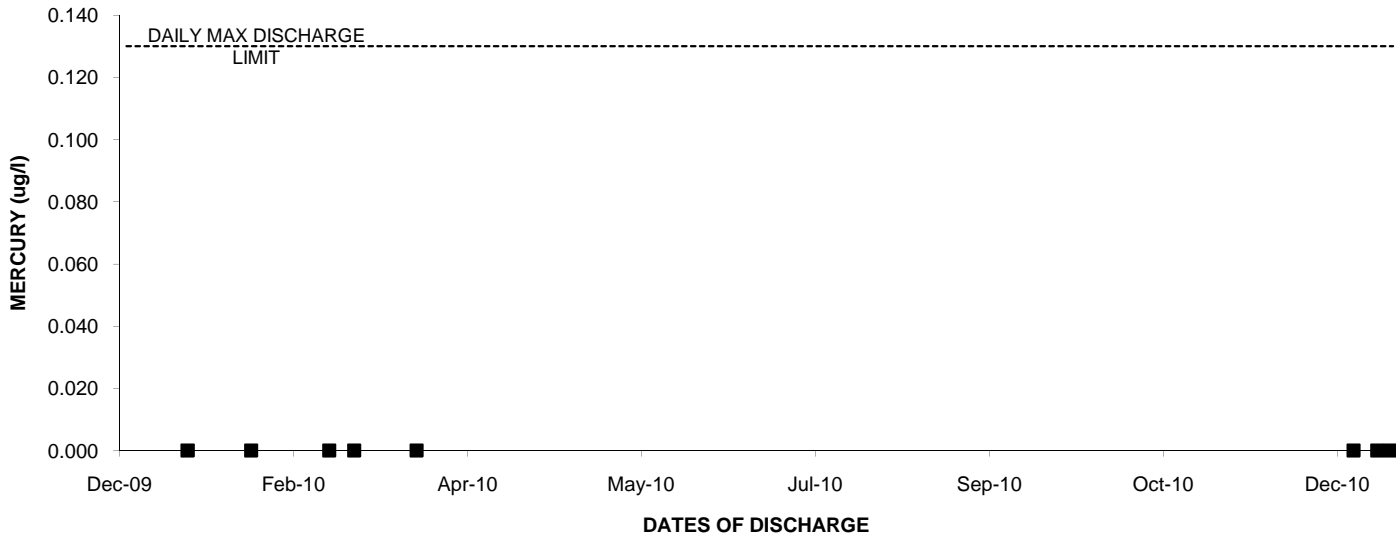
2010: Outfall 008 COPPER



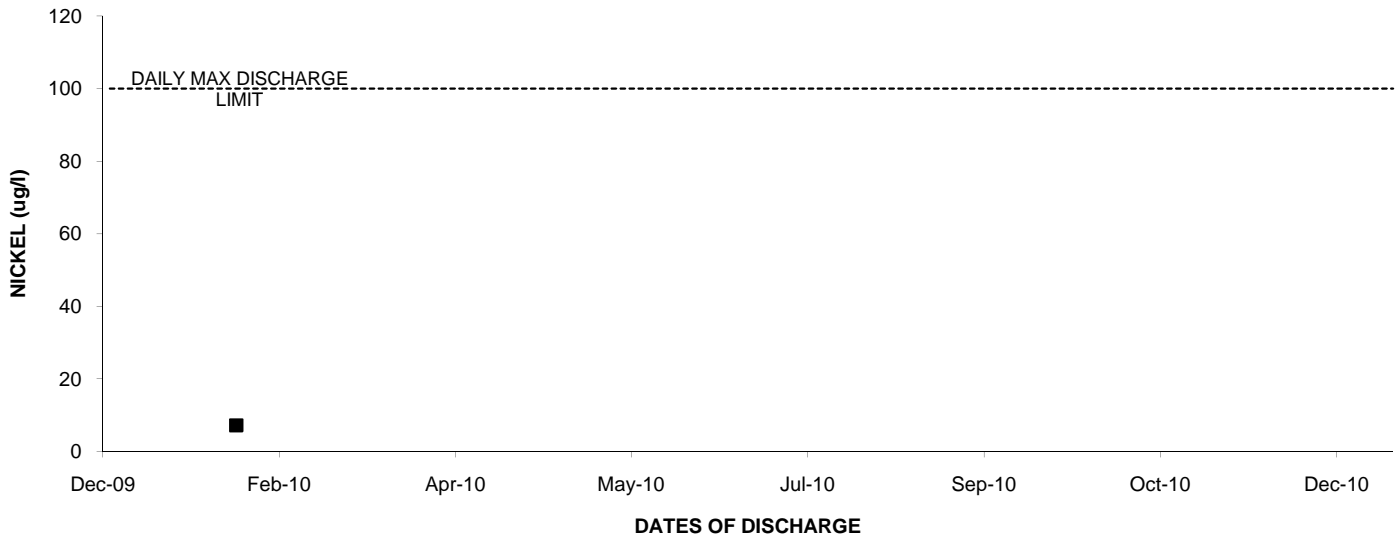
2010: Outfall 008 LEAD



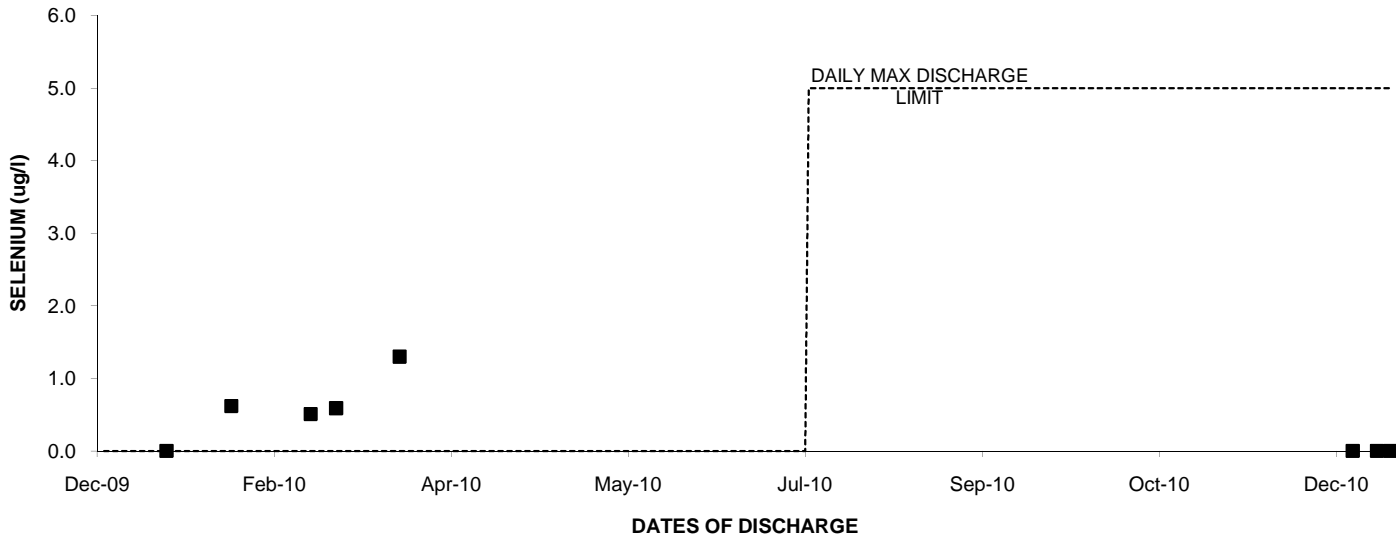
2010: Outfall 008 MERCURY



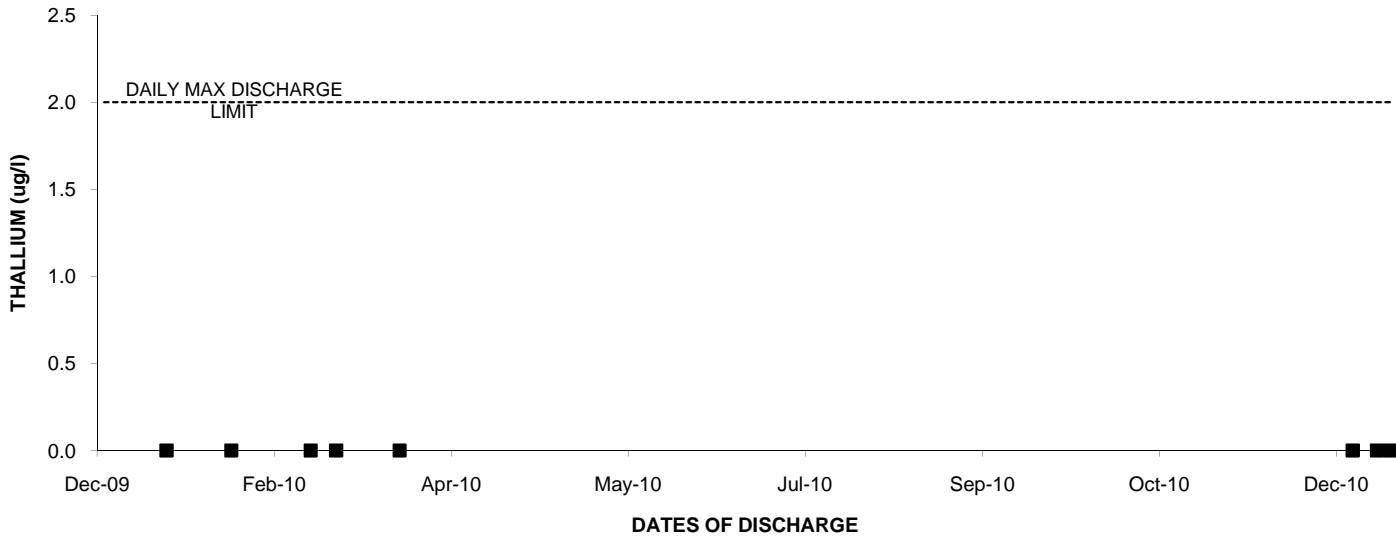
2010: Outfall 008 NICKEL



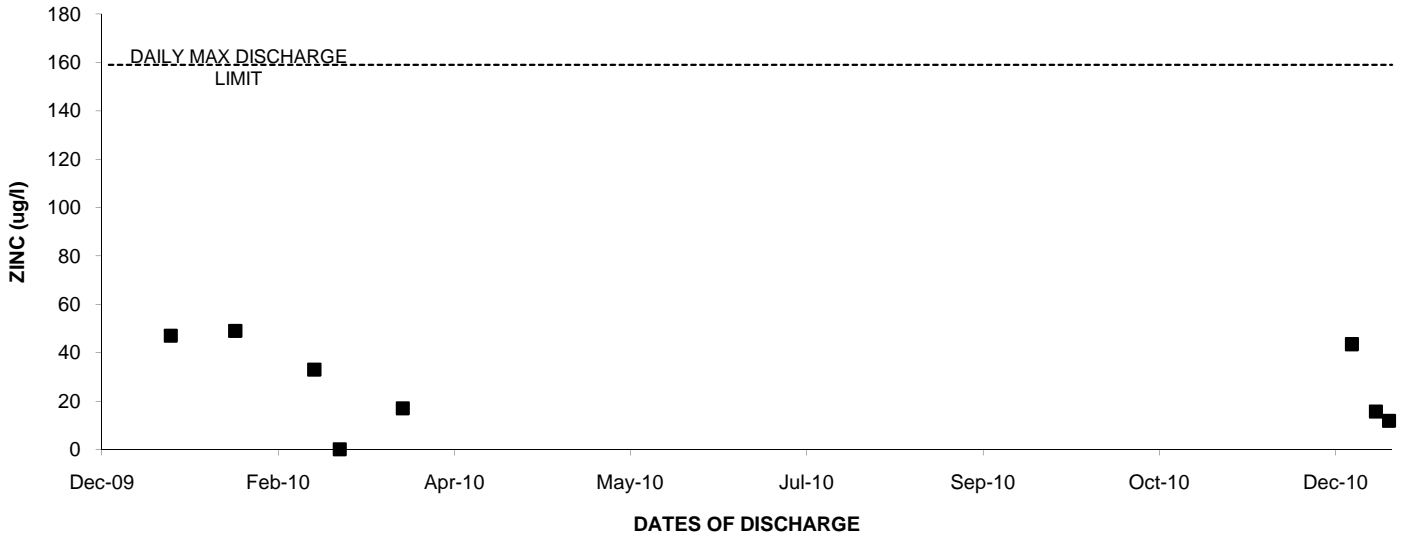
2010: Outfall 008 SELENIUM



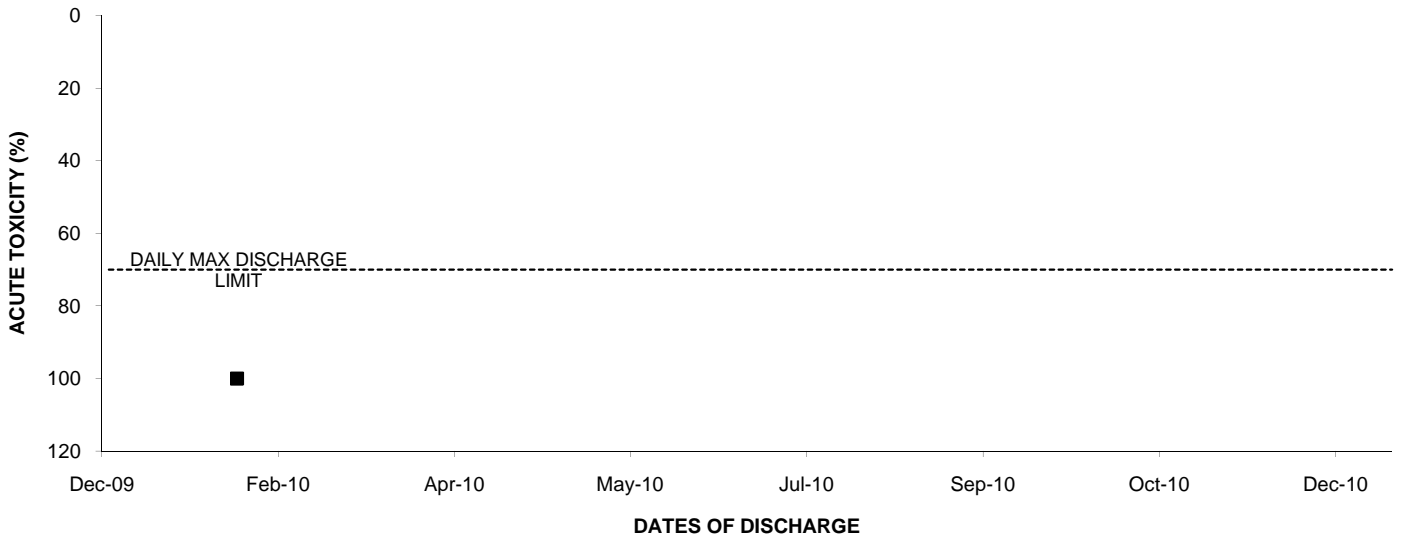
2010: Outfall 008 THALLIUM



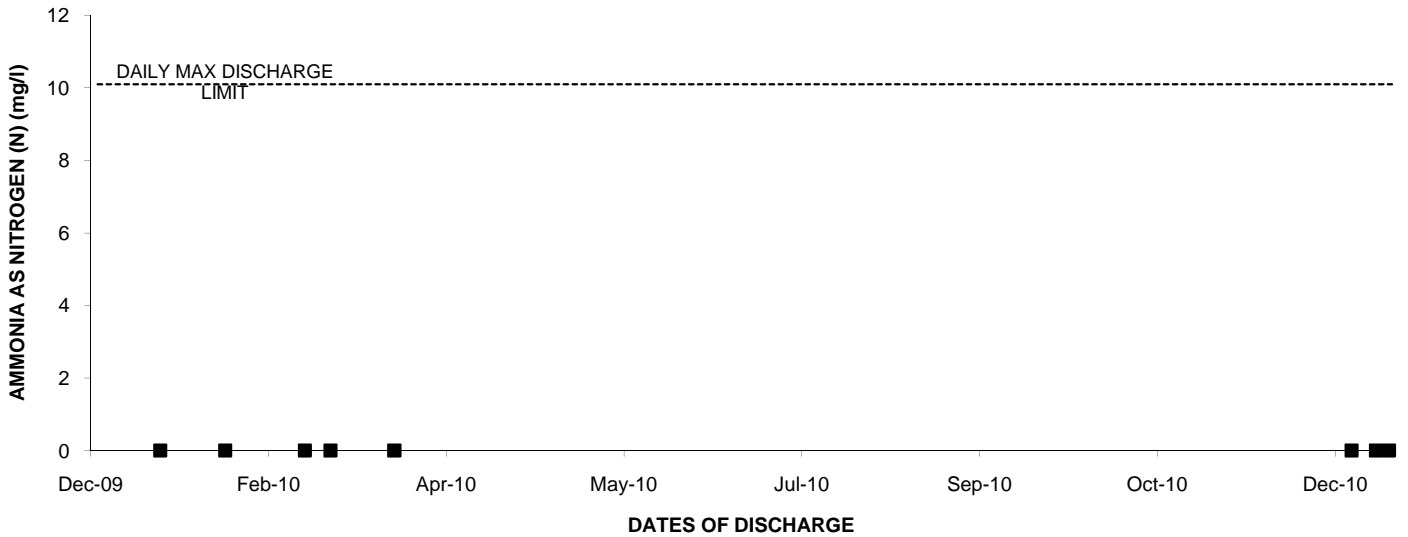
2010: Outfall 008 ZINC



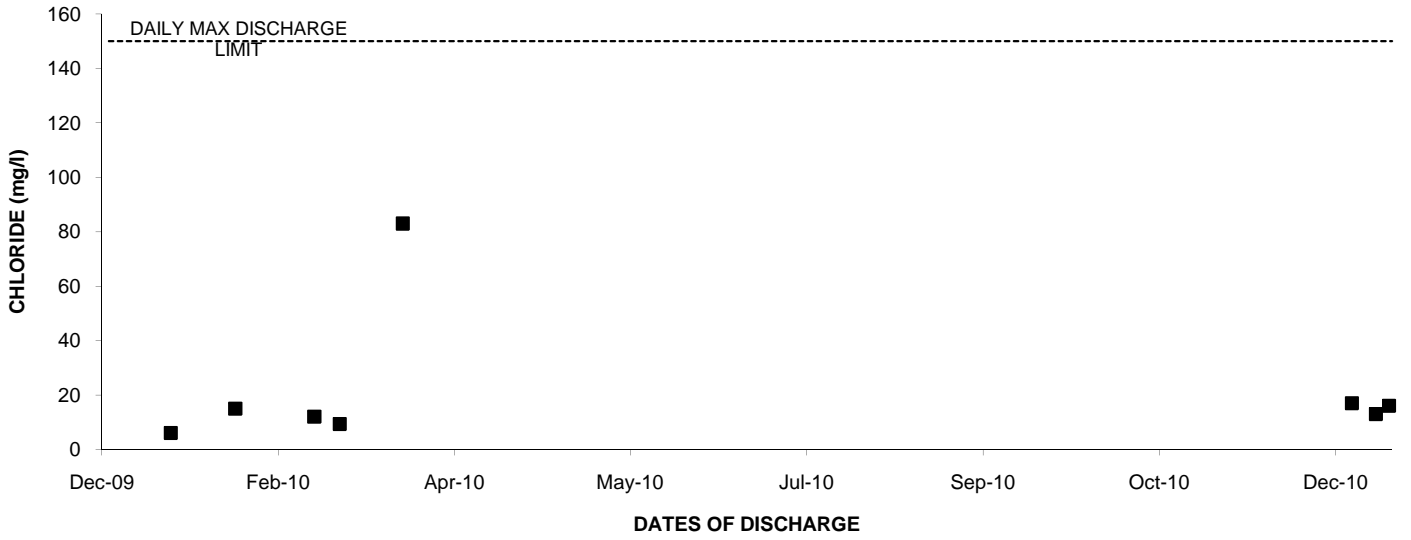
2010: Outfall 008 ACUTE TOXICITY



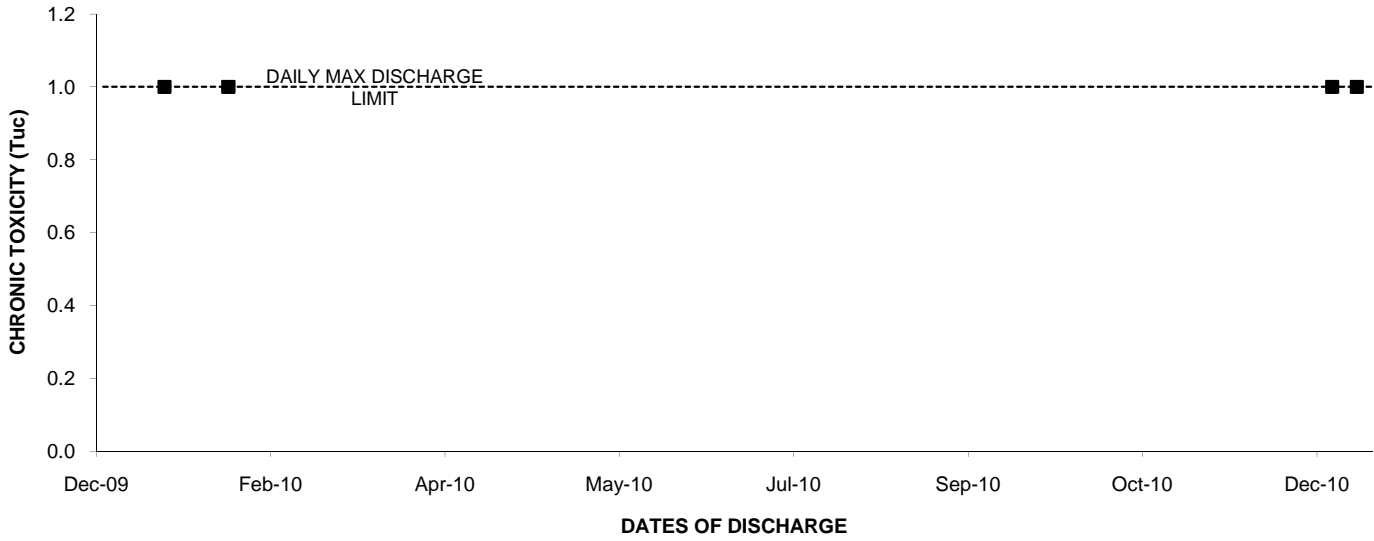
2010: Outfall 008 AMMONIA AS NITROGEN (N)



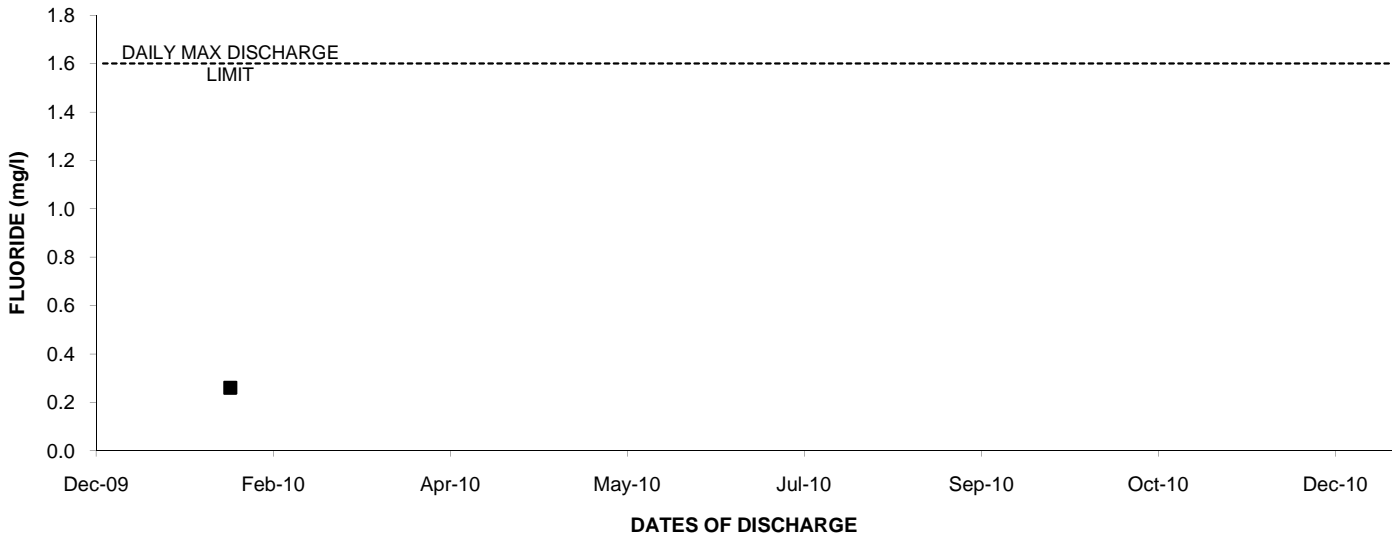
2010: Outfall 008 CHLORIDE



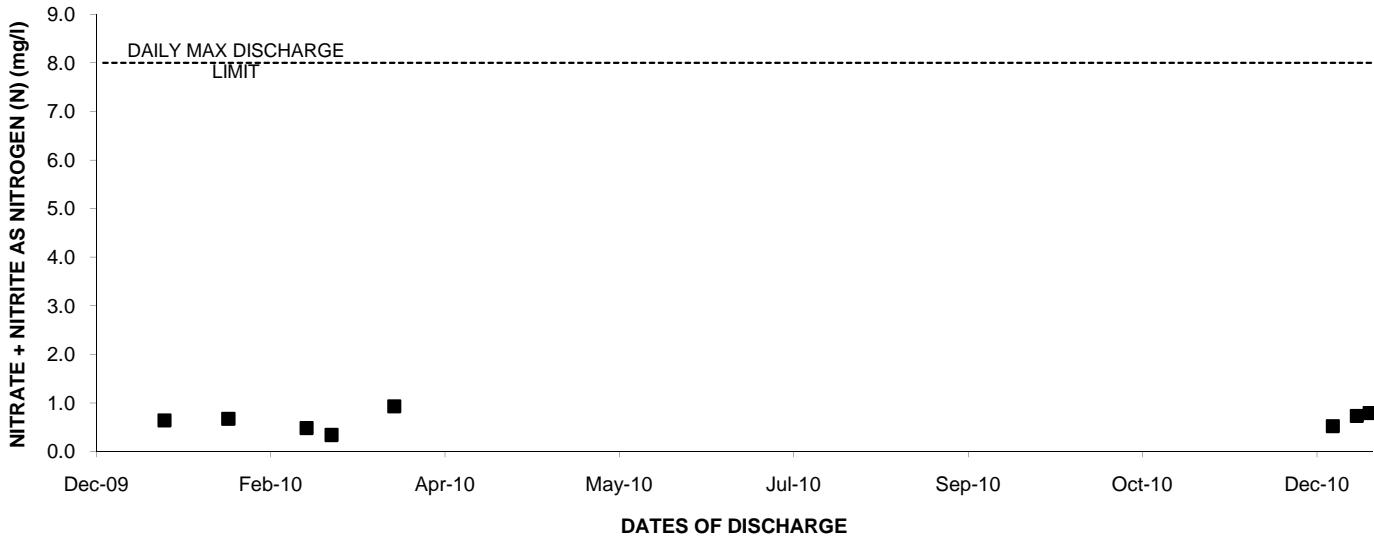
2010: Outfall 008 CHRONIC TOXICITY



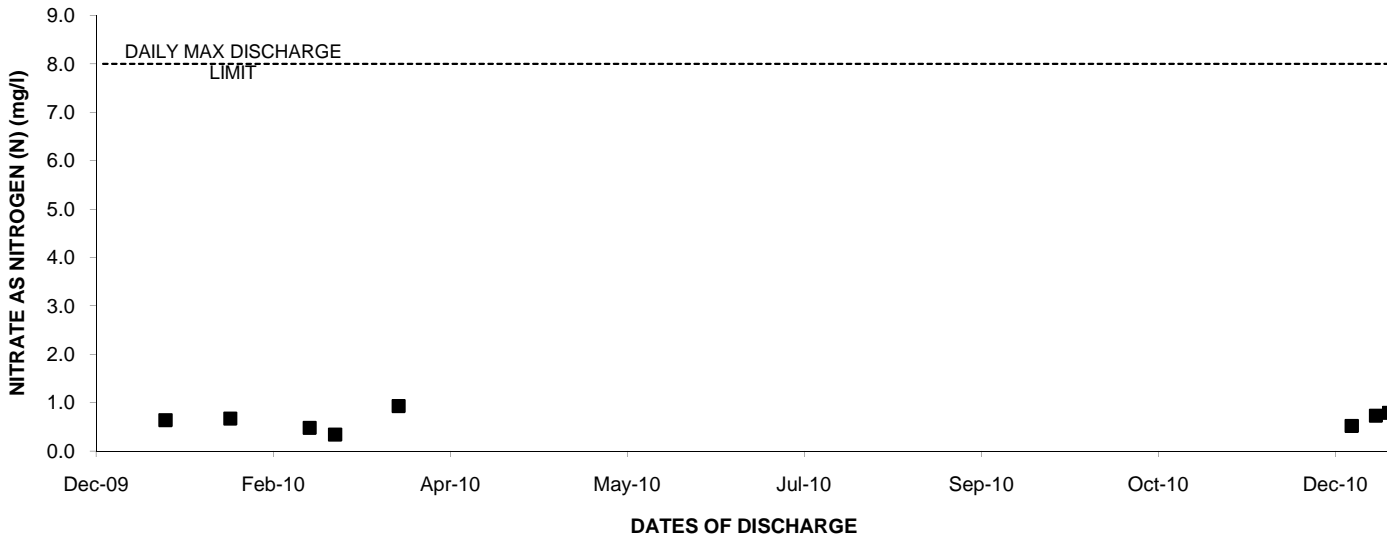
2010: Outfall 008 FLUORIDE



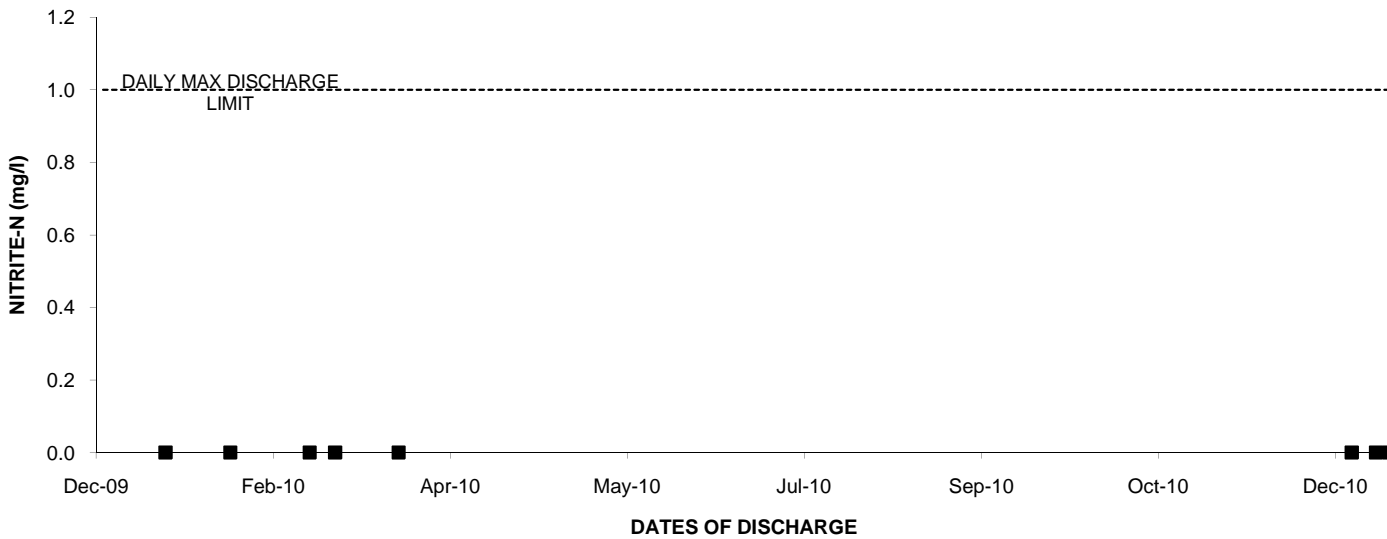
2010: Outfall 008 NITRATE + NITRITE AS NITROGEN (N)



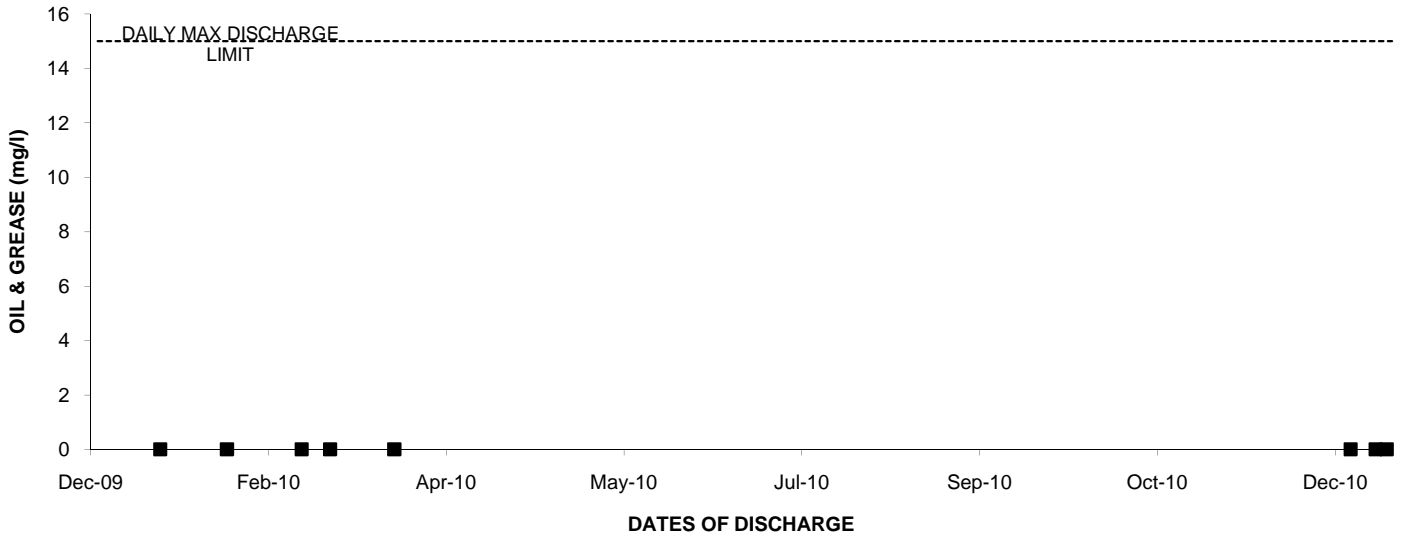
2010: Outfall 008 NITRATE AS NITROGEN (N)



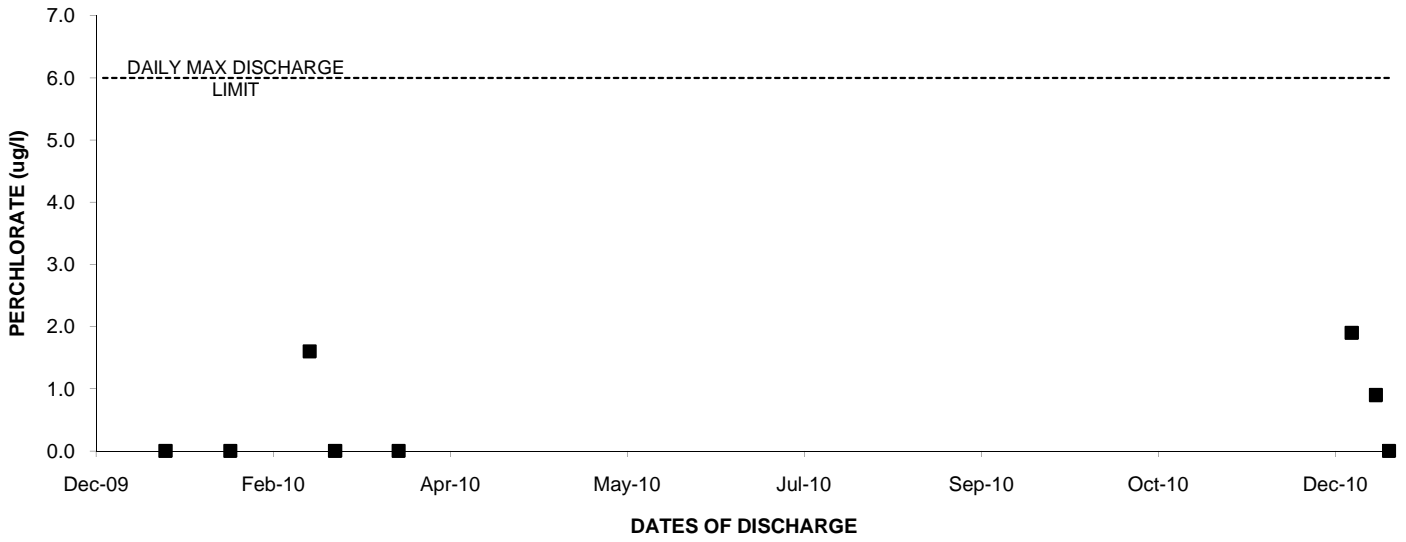
2010: Outfall 008 NITRITE-N



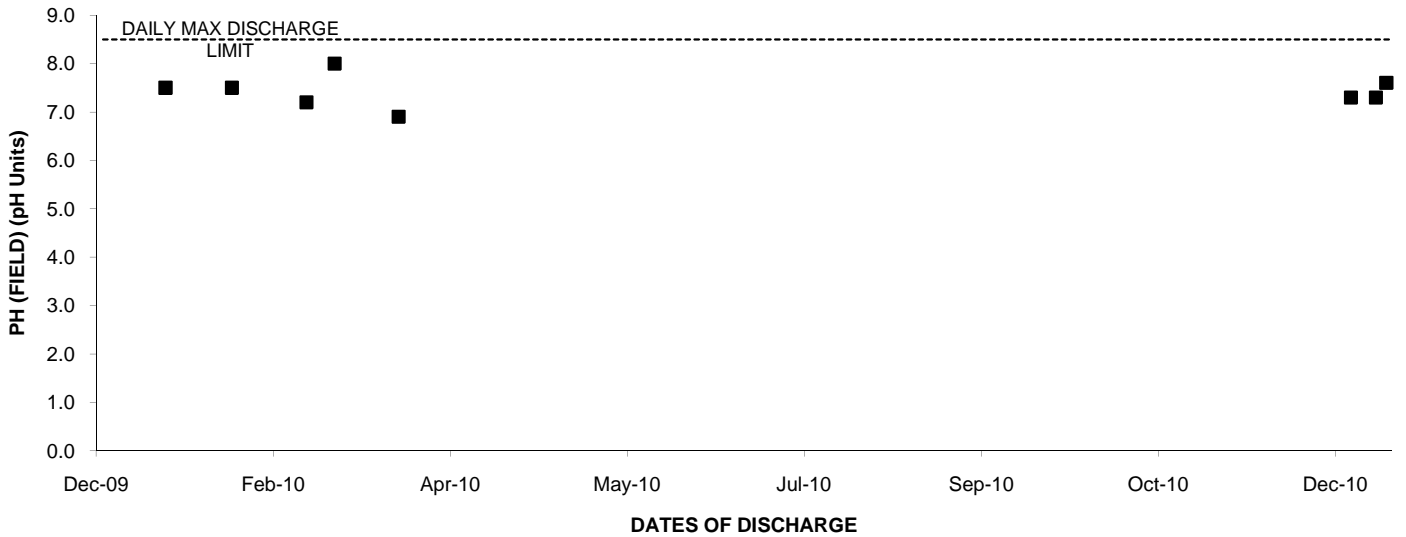
2010: Outfall 008 OIL & GREASE



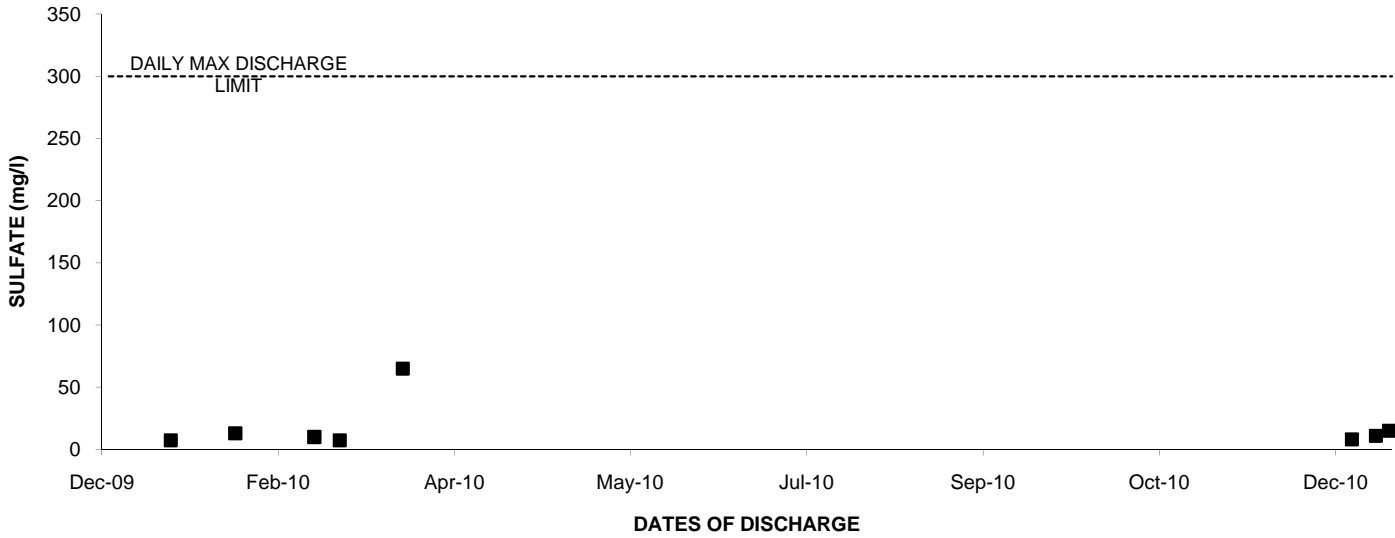
2010: Outfall 008 PERCHLORATE



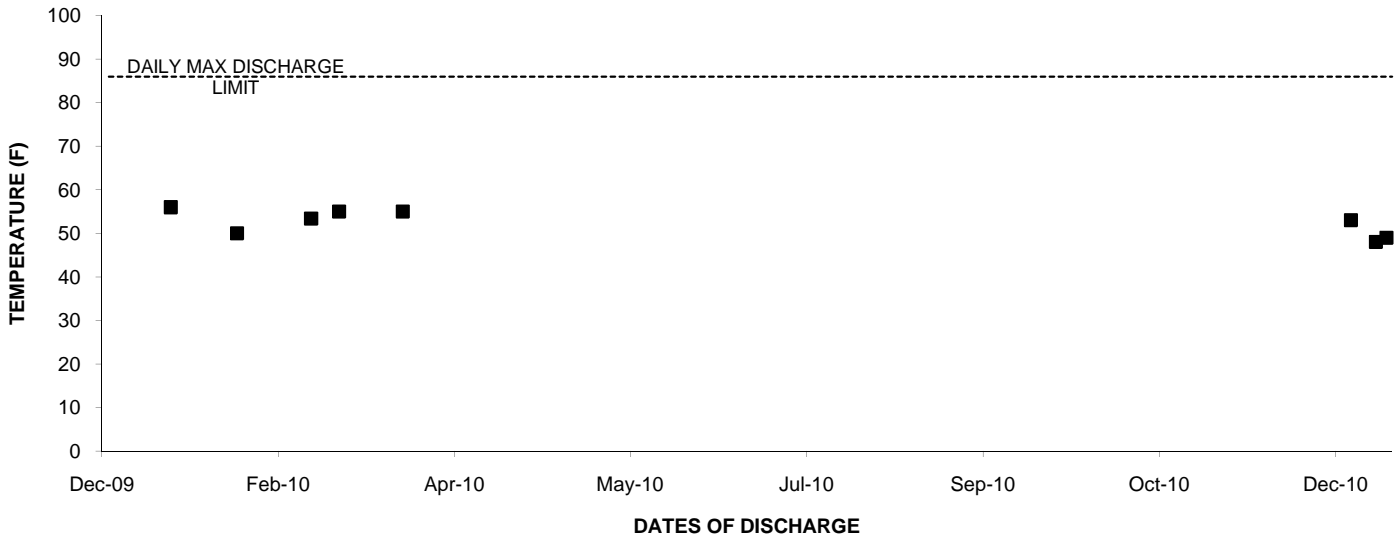
2010: Outfall 008 PH (FIELD)



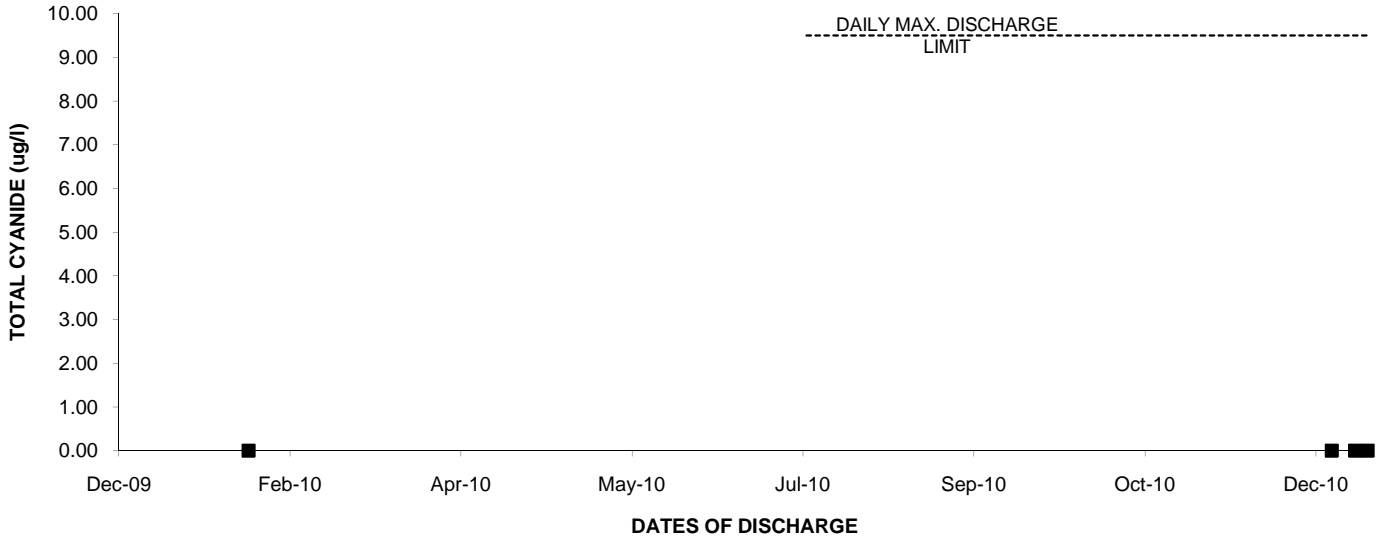
2010: Outfall 008 SULFATE



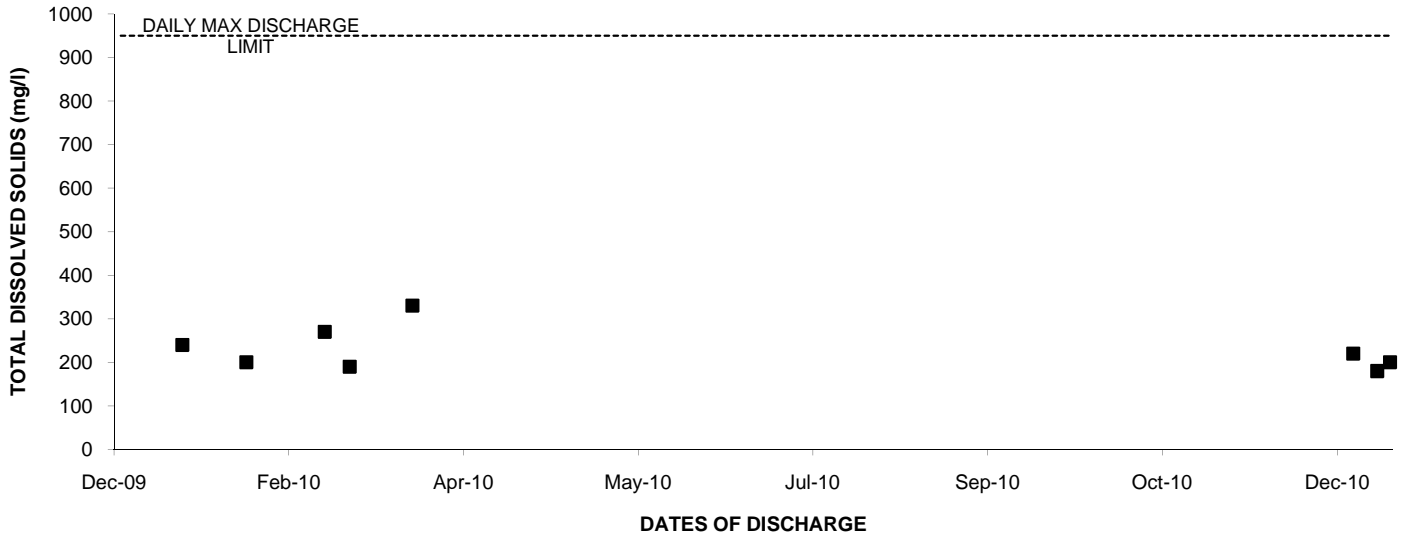
2010: Outfall 008 TEMPERATURE



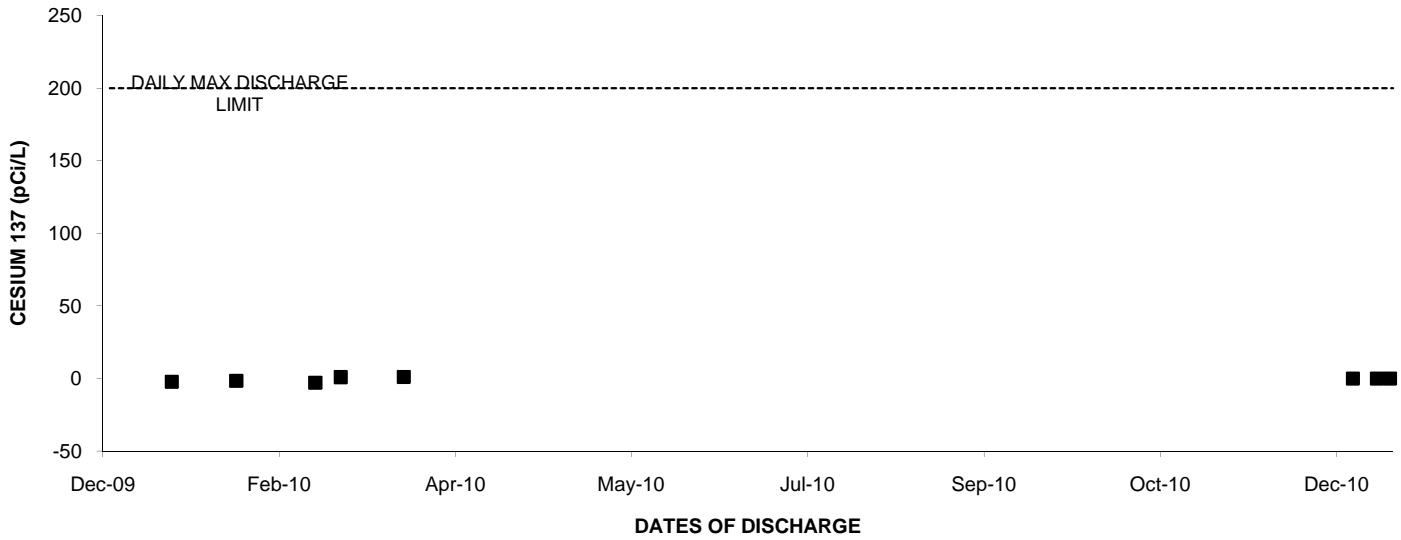
2010: Outfall 008 TOTAL CYANIDE



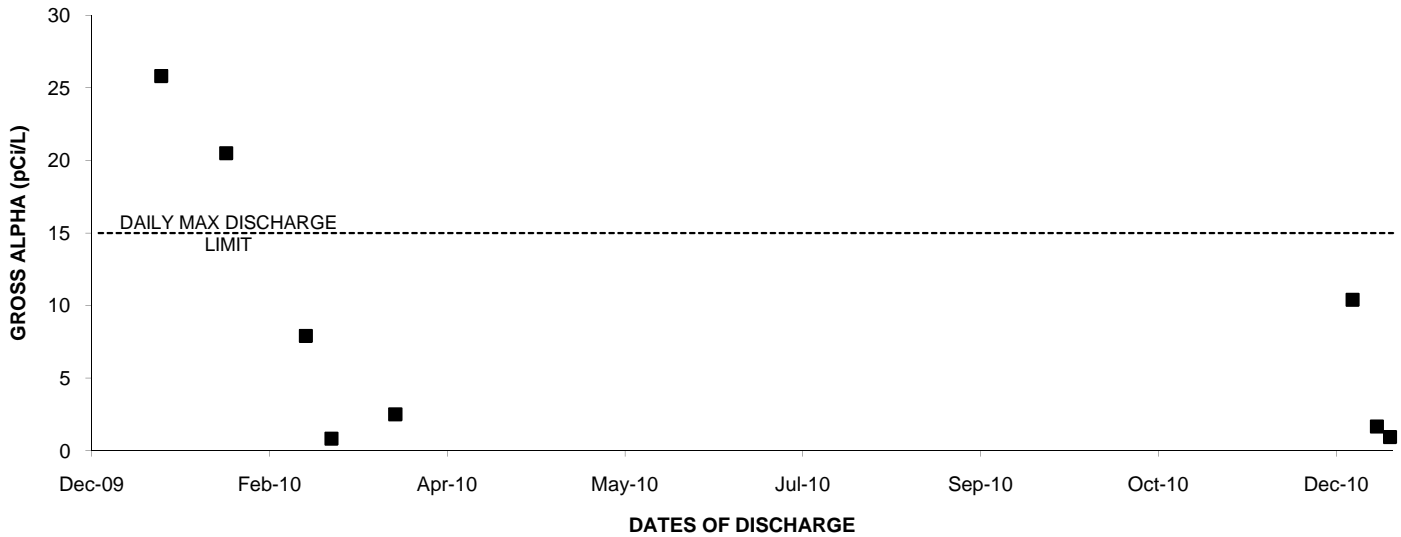
2010: Outfall 008 TOTAL DISSOLVED SOLIDS



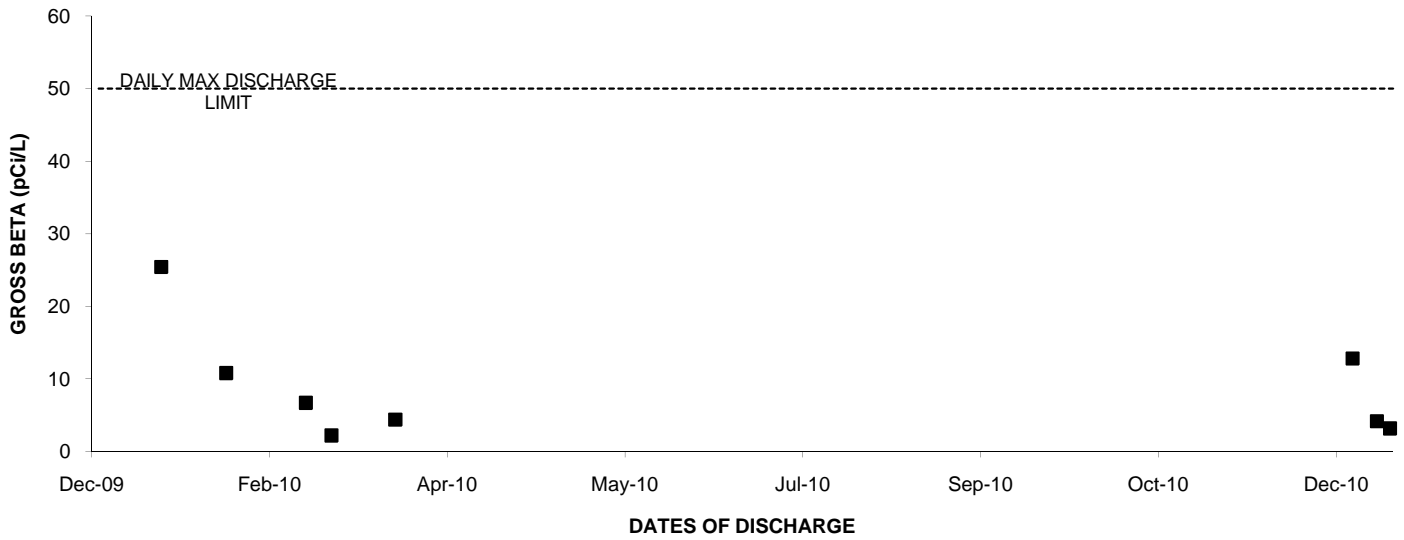
2010: Outfall 008 CESIUM 137



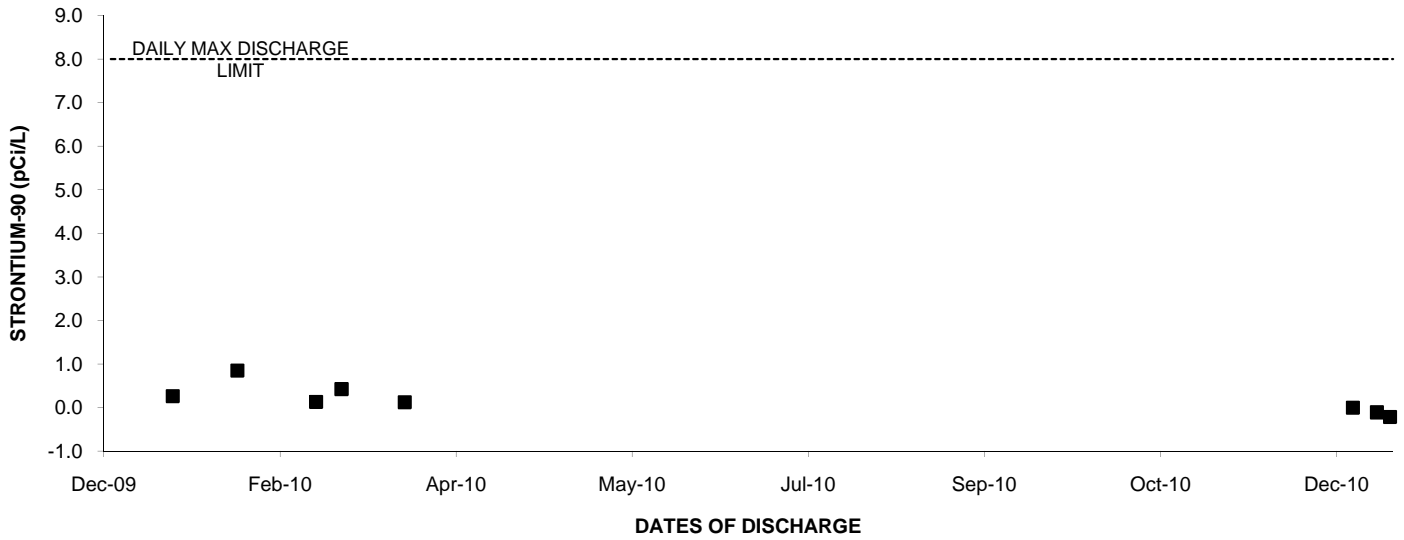
2010: Outfall 008 GROSS ALPHA



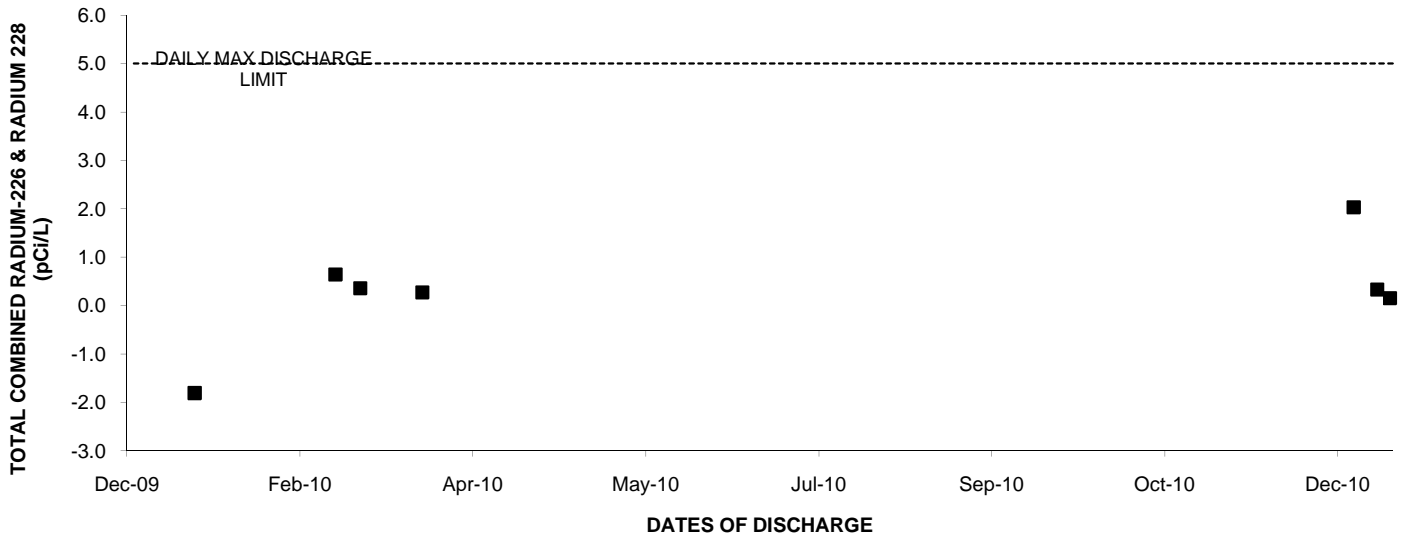
2010: Outfall 008 GROSS BETA



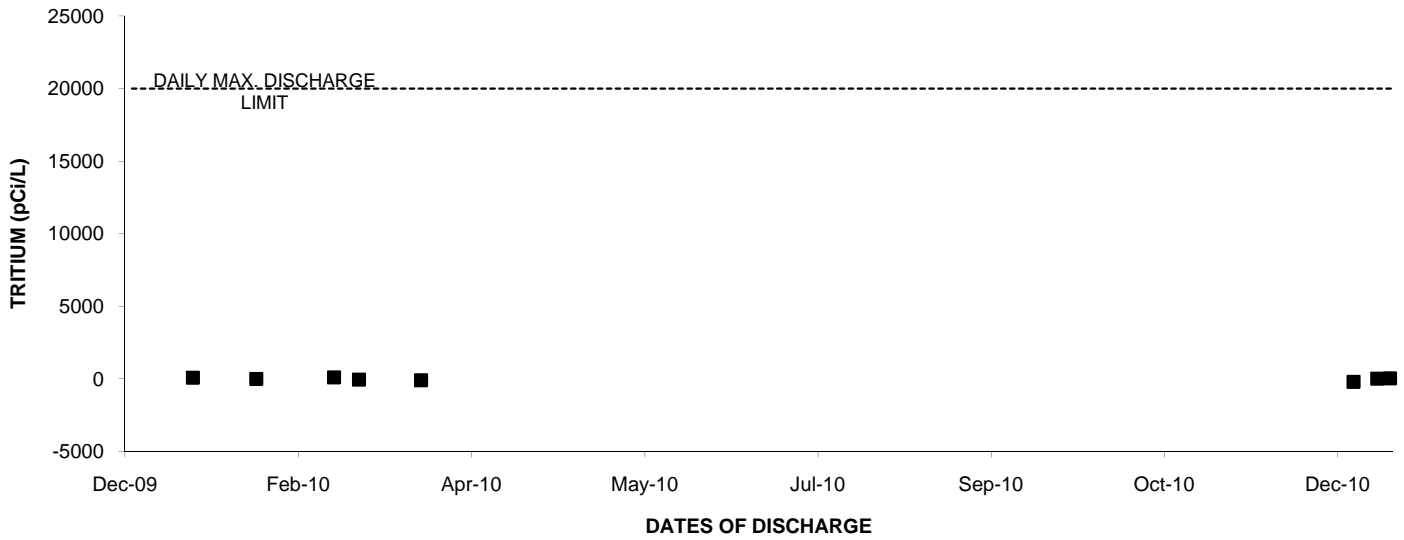
2010: Outfall 008 STRONTIUM-90



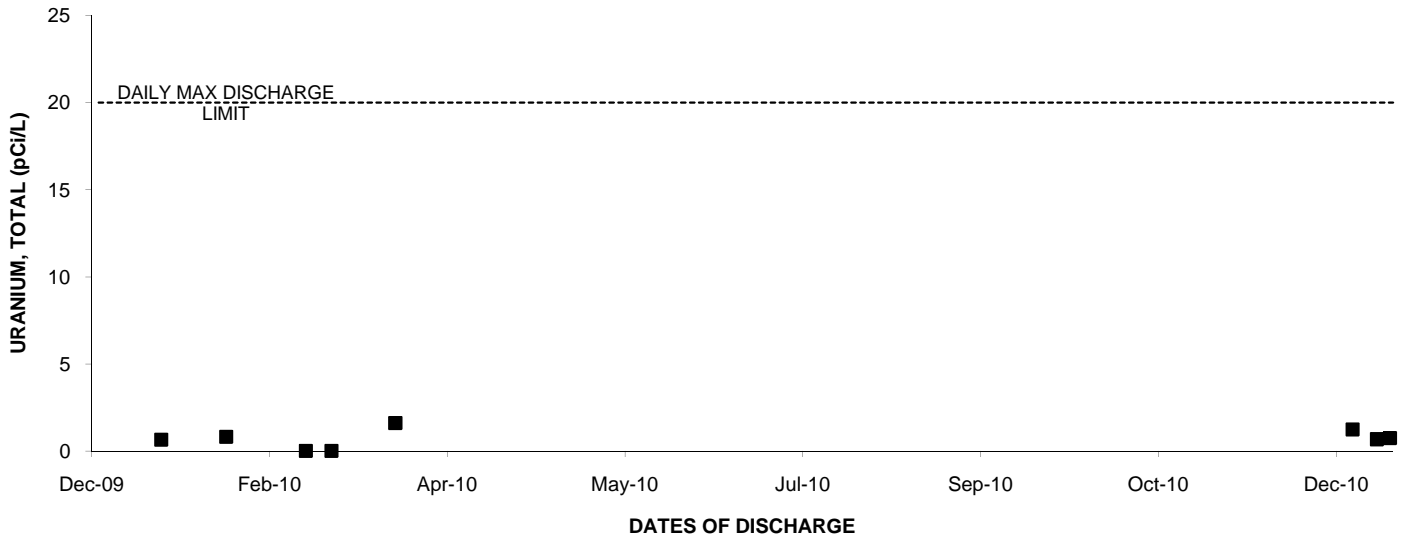
2010: Outfall 008 TOTAL COMBINED RADIUM-226 & RADIUM 228



2010: Outfall 008 TRITIUM



2010: Outfall 008 URANIUM, TOTAL



2010: Outfall 008 TCDD

