

OUTFALL 004 (SRE)

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/5/2008		1/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	53	*	26	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.7	*	0.55	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.9	*	8.2	*
Sulfate	mg/L	250/-	38	*	20	*
Temperature	deg. F	86/-	52	*	48	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	310	*	170	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	0.0045	*	0.016	*
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.60	J (DNQ)	0.55	J (DNQ)
Antimony, dissolved	ug/L	-/-	0.57	J (DNQ)	0.60	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.11	U	ND < 0.11	U
Cadmium, dissolved	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	3.6	--	2.6	--
Copper, dissolved	ug/L	-/-	2.2	--	1.3	J (DNQ)
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	1.2	--	1.0	--
Lead, dissolved	ug/L	-/-	ND < 0.30	U	ND < 0.30	U
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	0.092	J (DNQ)	0.096	J (DNQ)
Mercury, dissolved	ug/L	-/-	0.054	J (DNQ)	ND < 0.050	U
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	U	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	U	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	1.0	*	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR

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January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/3/2008		2/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	8.0	*	16	*
Fluoride	mg/L	1.6/-	0.24	Ja* (DNQ)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.59	*	0.55	*
Oil & Grease	mg/L	15/-	2.1	Ja* (DNQ)	1.9	Ja* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.65	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	8.4	*	7.6	*
Sulfate	mg/L	250/-	9.5	*	11	*
Temperature	deg. F	86/-	49	*	57	*
Total Cyanide	ug/L	-/-	ND < 2.2	*	ANR	ANR
Total Dissolved Solids	mg/L	850/-	130	*	160	*
Hardness	mg/L	-/-	41	--	ANR	ANR
Hardness, dissolved	mg/L	-/-	38	--	ANR	ANR
Total Suspended Solids	mg/L	-/-	31	--	ANR	ANR
Volume Discharged	MGD	17.8/-	0.00050	*	0.0019	*
METALS						
Aluminum	ug/L	-/-	2700	--	ANR	ANR
Aluminum, dissolved	ug/L	-/-	160	--	ANR	ANR
Antimony	ug/L	6.0/-	0.72	J (DNQ)	0.68	J (DNQ)
Antimony, dissolved	ug/L	-/-	0.75	J (DNQ, *III)	0.58	J (DNQ)
Arsenic	ug/L	-/-	ND < 7.0	U	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ND < 7.0	U	ANR	ANR
Beryllium	ug/L	-/-	ND < 0.90	U	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ND < 0.90	U	ANR	ANR
Boron	mg/L	1.0/-	0.021	J (DNQ)	ANR	ANR
Boron, dissolved	mg/L	-/-	0.022	J (DNQ)	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.11	U	ND < 0.11	U
Cadmium, dissolved	ug/L	-/-	ND < 0.11	U	ND < 0.11	U
Calcium	mg/L	-/-	11	--	ANR	ANR
Calcium, Dissolved	mg/L	-/-	11	--	ANR	ANR
Chromium	ug/L	-/-	2.7	J (DNQ)	ANR	ANR
Chromium, dissolved	ug/L	-/-	ND < 2.0	U	ANR	ANR
Copper	ug/L	14.0/-	2.9	--	2.3	--
Copper, dissolved	ug/L	-/-	1.6	J (DNQ)	ND < 0.75	U
Iron	mg/L	-/-	1.7	--	ANR	ANR
Iron, dissolved	mg/L	-/-	0.11	--	ANR	ANR
Lead	ug/L	5.2/-	1.4	--	1.0	--
Lead, dissolved	ug/L	-/-	ND < 0.30	UJ (*III)	ND < 0.30	U
Magnesium	mg/L	-/-	2.9	--	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	2.4	--	ANR	ANR
Mercury	ug/L	0.13/-	0.068	J (DNQ)	0.095	J (DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Nickel	ug/L	100/-	ND < 2.0	U	ANR	ANR
Nickel, dissolved	ug/L	-/-	ND < 2.0	U	ANR	ANR
Selenium	ug/L	-/-	ND < 10	UJ (B)	ANR	ANR
Selenium, dissolved	ug/L	-/-	ND < 8.0	U	ANR	ANR

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Silver	ug/L	-/-	ND < 6.0	U	ANR	ANR
Silver, dissolved	ug/L	-/-	ND < 6.0	U	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	U	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	UJ (*III)	ND < 0.20	U
Vanadium	ug/L	-/-	4.5	J (DNQ)	ANR	ANR
Vanadium, dissolved	ug/L	-/-	3.1	J (DNQ)	ANR	ANR
Zinc	ug/L	-/-	6.2	J (DNQ)	ANR	ANR
Zinc, dissolved	ug/L	-/-	ND < 6.0	U	ANR	ANR
ORGANICS						
Benzene	ug/L	-/-	ND < 0.28	*	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*	ANR	ANR
Chloroform	ug/L	-/-	ND < 0.33	*	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ND < 0.27	*	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ND < 0.42	*	ANR	ANR
Ethylbenzene	ug/L	-/-	ND < 0.25	*	ANR	ANR
Tetrachloroethene	ug/L	-/-	ND < 0.32	*	ANR	ANR
Toluene	ug/L	-/-	ND < 0.36	*	ANR	ANR
Xylenes (Total)	ug/L	-/-	ND < 0.90	*	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
Trichloroethene	ug/L	-/-	ND < 0.26	*	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	*	ANR	ANR
Vinyl chloride	ug/L	-/-	ND < 0.30	*	ANR	ANR
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ND < 3.0	*	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	*	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 2.5	*	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 3.0	*	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 0.32	*	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	*	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 2.5	*	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 3.0	*	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	*	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 2.5	*	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	*	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.5	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 3.5	*	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 3.5	*	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 7.9	*	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 3.5	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 2.0	*	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	*	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ND < 3.0	*	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 3.0	*	ANR	ANR

OUTFALL 004 (SRE)

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/3/2008		2/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 4.0	*	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 2.0	*	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 3.0	*	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 3.5	*	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 3.0	*	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.0019	*	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.0029	*	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.0038	*	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 3.0	*	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 2.5	*	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 2.0	*	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 2.5	*	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 5.4	*	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Acrolein	ug/L	-/-	ND < 4.0	*	ANR	ANR
Acrylonitrile	ug/L	-/-	ND < 0.70	*	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	100	*	ANR	ANR
Aldrin	ug/L	-/-	ND < 0.0014	*	ANR	ANR
alpha-BHC	ug/L	-/-	ND < 0.0024	*	ANR	ANR
Aniline	ug/L	-/-	ND < 2.5	*	ANR	ANR
Anthracene	ug/L	-/-	ND < 2.0	*	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.43	*	ANR	ANR
Aroclor-1221	ug/L	-/-	ND < 0.24	*	ANR	ANR
Aroclor-1232	ug/L	-/-	ND < 0.24	*	ANR	ANR
Aroclor-1242	ug/L	-/-	ND < 0.24	*	ANR	ANR
Aroclor-1248	ug/L	-/-	ND < 0.24	*	ANR	ANR
Aroclor-1254	ug/L	-/-	ND < 0.24	*	ANR	ANR
Aroclor-1260	ug/L	-/-	ND < 0.29	*	ANR	ANR
Benzidine	ug/L	-/-	ND < 8.4	L6*	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 2.0	*	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 2.0	*	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 2.0	*	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 4.0	*	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 2.5	*	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 9.9	*	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.5	*	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.0038	*	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 3.0	*	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 4.0	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 3.0	*	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 2.5	*	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.40	*	ANR	ANR
Bromomethane	ug/L	-/-	ND < 0.42	*	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 4.0	*	ANR	ANR

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**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/3/2008		2/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chlordane	ug/L	-/-	ND < 0.029	*	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	*	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.40	*	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.40	*	ANR	ANR
Chlorpyrifos	ug/L	-/-	ND < 0.10	U	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.5	*	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	*	ANR	ANR
Diazinon	ug/L	-/-	ND < 0.24	UJ (H)	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.0033	*	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 4.0	*	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	*	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.5	*	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 2.0	*	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 3.0	*	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 3.5	*	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.0029	*	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.0029	*	ANR	ANR
Endrin	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.0029	*	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Fluorene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.0029	*	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	*	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 4.0	*	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 5.0	*	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 3.5	*	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 3.5	*	ANR	ANR
Isophorone	ug/L	-/-	ND < 2.5	*	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0029	*	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.0033	*	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.95	*	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 3.0	*	ANR	ANR
Naphthalene	ug/L	-/-	ND < 3.0	*	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 2.5	*	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 2.5	*	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.5	*	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 2.0	*	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 2.0	*	ANR	ANR
p-Cresol	ug/L	-/-	ND < 3.0	*	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 3.5	*	ANR	ANR

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

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/3/2008		2/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Phenanthrene	ug/L	-/-	ND < 3.5	*	ANR	ANR
Phenol	ug/L	-/-	ND < 2.0	*	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 4.0	*	ANR	ANR
Pyrene	ug/L	-/-	ND < 4.0	*	ANR	ANR
Toxaphene	ug/L	-/-	ND < 0.067	*	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	*	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	*	ANR	ANR

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/15/2008	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	31	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.37	*
Oil & Grease	mg/L	15/-	3.3	B, J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	9.1	*
Sulfate	mg/L	250/-	11	*
Temperature	deg. F	86/-	48	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	140	*
Hardness	mg/L	-/-	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	0.00044	*
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.40	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.39	B, J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/-	ND < 0.11	*
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*
Calcium	mg/L	-/-	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.7	*
Copper, dissolved	ug/L	-/-	1.3	B, J* (DNQ)
Iron	mg/L	-/-	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	0.96	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.30	*
Magnesium	mg/L	-/-	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.027	U
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	100/-	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/15/2008	
			RESULT	VALIDATION QUALIFIER
Silver	ug/L	-/-	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
Zinc, dissolved	ug/L	-/-	ANR	ANR
ORGANICS				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
ADDITIONAL ANALYTES				
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR

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THE BOEING COMPANY
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January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/15/2008	
			RESULT	VALIDATION QUALIFIER
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,l)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR

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THE BOEING COMPANY
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January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/15/2008	
			RESULT	VALIDATION QUALIFIER
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	>1.0	*
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR

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**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	12/15/2008	
			RESULT	VALIDATION QUALIFIER
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

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ANNUAL 2008 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

Sample Date January 5, 2008

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	5.62E-05	--	0.01	5.62E-07	5.62E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	7.63E-06	J (DNQ)	0.01	7.63E-08	ND
1,2,3,4,7,8,9-HpCDF	1.80E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.84E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.08E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.63E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.17E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.77E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.63E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.01E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.81E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.22E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.76E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.04E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.23E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	9.08E-04	--	0.0001	9.08E-08	9.08E-08
OCDF	0.00E+00	5.00E-05	2.27E-05	J (DNQ)	0.0001	2.27E-09	ND
TCDD TEQ w/ DNQ Values						7.31E-07	
TCDD TEQ w/out DNQ Values							6.53E-07

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 004 (SRE)

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date January 24, 2008

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	2.75E-05	--	0.01	2.75E-07	2.75E-07
1,2,3,4,6,7,8-HpCDF	5.53E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.40E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	2.01E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.35E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.17E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	9.30E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.99E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.34E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.29E-07	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.11E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.08E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.18E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.06E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	8.81E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	5.07E-04	--	0.0001	5.07E-08	5.07E-08
OCDF	0.00E+00	5.00E-05	1.19E-05	J (DNQ)	0.0001	1.19E-09	ND

TCDD TEQ w/ DNQ Values	3.27E-07	
TCDD TEQ w/out DNQ Values		3.26E-07

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 004 (SRE)

ANNUAL 2008 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

Sample Date February 3, 2008

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	2.30E-05	J (DNQ)	0.01	2.30E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	3.77E-06	J (DNQ)	0.01	3.77E-08	ND
1,2,3,4,7,8,9-HpCDF	1.55E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.67E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	5.90E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.82E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	5.89E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.61E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	8.55E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	8.86E-07	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	9.53E-07	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	6.66E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	9.76E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	5.03E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.21E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	3.79E-04	ND	UJ (B)	0.0001	ND	ND
OCDF	0.00E+00	5.00E-05	1.03E-05	J (DNQ)	0.0001	1.03E-09	ND
TCDD TEQ w/ DNQ Values						2.69E-07	
TCDD TEQ w/out DNQ Values							ND

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 004 (SRE)

ANNUAL 2008 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

Sample Date February 24, 2008

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	3.26E-05	--	0.01	3.26E-07	3.26E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	4.09E-06	J (DNQ)	0.01	4.09E-08	ND
1,2,3,4,7,8,9-HpCDF	1.48E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.34E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.26E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.37E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.17E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.22E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.08E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.04E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.12E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.44E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.16E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	5.93E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.08E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	5.36E-04	--	0.0001	5.36E-08	5.36E-08
OCDF	0.00E+00	5.00E-05	1.27E-05	J (DNQ)	0.0001	1.27E-09	ND

TCDD TEQ w/ DNQ Values	4.22E-07	
TCDD TEQ w/out DNQ Values		3.80E-07

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

**OUTFALL 004 (SRE)
ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Date December 15, 2008

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/DNQ Values) (ug/L)	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.14E-05	J (DNQ)	0.01	1.14E-07	ND
1,2,3,4,6,7,8-HpCDF	2.60E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8,9-HpCDF	1.83E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	4.09E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	8.83E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.99E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.10E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.75E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.98E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.08E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.32E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.34E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.50E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	6.93E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	5.77E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	1.71E-04	--	0.0001	1.71E-08	1.71E-08
OCDF	0.00E+00	5.00E-05	5.16E-06	J (DNQ)	0.0001	5.16E-10	ND

TCDD TEQ w/ DNQ Values	1.32E-07	
TCDD TEQ w/out DNQ Values		1.71E-08

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 004 (SRE)

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/5/2008			1/24/2008			2/3/2008		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY											
Gross Alpha	pCi/L	15/-	0.784 ± 2.0	2.8	UJ (R)	0.959 ± 0.78	0.85	J (R)	1.63 ± 0.68	0.61	J (R)
Gross Beta	pCi/L	50/-	62.4 ± 2.4	2.1	--	30.4 ± 1.2	0.91	--	12.7 ± 0.85	0.84	--
Strontium-90	pCi/L	8.0/-	0.063 ± 0.44	1.0	U	0.007 ± 0.36	0.83	U	-0.060 ± 0.32	0.77	UJ (H)
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.216 ± 0.47	1.25	U	-0.014 ± 0.44	1.29	U	1.134 ± 0.56	1.12	UJ (H)
Tritium	pCi/L	20000/-	-15.1 ± 88	150	U	-4.16 ± 96	160	U	15.8 ± 84	150	U
Uranium, Total	pCi/L	20/-	2.58 ± 0.29	0.021	--	0.367 ± 0.041	0.022	--	0.374 ± 0.042	0.022	J (H)
Potassium-40	pCi/L	----	62.0 ± 8.4	5.3	J (E)	ND < 35	35	U	ND < 25	25	UJ (H)
Cesium 137	pCi/L	----	ND < 0.54	0.54	U	ND < 1.2	1.2	U	ND < 0.95	0.95	UJ (H)

OUTFALL 004 (SRE)

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/24/2008			12/15/2008		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	1.22 ± 0.69	0.94	J (R)	1.6 ± 1.1	1.5	J (R,DNQ)
Gross Beta	pCi/L	50/-	0.262 ± 0.53	0.91	U	8.9 ± 1.3	0.9	--
Strontium-90	pCi/L	8.0/-	-0.251 ± 0.32	0.91	UJ (H)	-0.12 ± 0.39	0.68	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	1.578 ± 0.65	1.18	J (H)	-0.26 ± 0.32	0.79	UJ (L, *III)
Tritium	pCi/L	20000/-	-41.9 ± 86	150	UJ (R)	60 ± 200	330	U
Uranium, Total	pCi/L	20/-	0.297 ± 0.035	0.023	J (H)	0.124 ± 0.013	0.21	U
Potassium-40	pCi/L	----	ND < 36	36	UJ (H)	-40 ± 230	210	UJ (H)
Cesium 137	pCi/L	----	ND < 1.4	1.4	UJ (H)	0.0 ± 7.3	14	UJ (H)

OUTFALL 004 (SRE)

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/5/2008		1/24/2008		2/3/2008	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER	Result	CONCENTRATION RESULT VALIDATION QUALIFIER	Result	CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	1.98	*	3.47	*	0.03	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR	0.0010	Ja* (DNQ)
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.06	*	0.07	*	0.0024	*
Oil & Grease	LBS/DAY	2,227/-	ND	*	ND	*	0.009	Ja* (DNQ)
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	1.42	*	2.67	*	0.04	*
Total Dissolved Solids	LBS/DAY	126,184/-	11.63	*	22.68	*	0.54	*
Antimony	LBS/DAY	0.89/-	0.00002	J (DNQ)	0.0001	J (DNQ)	0.000003	J (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR	0.00009	J (DNQ)
Cadmium	LBS/DAY	0.59/-	ND	U	ND	U	ND	U
Copper	LBS/DAY	2.08/-	0.00013	--	0.0003	--	0.000012	--
Lead	LBS/DAY	0.77/-	0.00005	--	0.0001	--	0.000006	--
Mercury	LBS/DAY	0.02/-	0.000003	J (DNQ)	0.000013	J (DNQ)	0.0000003	J (DNQ)
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR	ND	U
Thallium	LBS/DAY	0.3/-	ND	U	ND	U	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	2.45E-11	--	4.35E-11	--	ND	--

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

OUTFALL 004 (SRE)

ANNUAL 2008 REPORTING SUMMARY THE BOEING COMPANY SANTA SUSANA FIELD LABORATORY NPDES PERMIT CA0001309

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/24/2008		12/15/2008	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER	Result	CONCENTR ATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	0.26	*	0.114	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.009	*	0.0014	*
Oil & Grease	LBS/DAY	2,227/-	0.03	Ja* (DNQ)	0.012	B, J* (DNQ)
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	0.18	*	0.04	*
Total Dissolved Solids	LBS/DAY	126,184/-	2.60	*	0.51	*
Antimony	LBS/DAY	0.89/-	0.000010	J (DNQ)	0.0000015	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	ND	U	ND	*
Copper	LBS/DAY	2.08/-	0.000037	--	0.0000099	*
Lead	LBS/DAY	0.77/-	0.000016	--	0.0000035	J* (DNQ)
Mercury	LBS/DAY	0.02/-	0.000002	J (DNQ)	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	U	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	6.18E-12	--	6.28E-14	--

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

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-1 1/23/2008 3:49:00 PM	004 EFF-1 2/5/2008 11:30:00 AM	004 EFF-1 2/24/2008 12:56:00 AM	004 EFF-2 1/23/2008 4:49:00 PM	004 EFF-2 2/24/2008 1:56:00 AM
ANALYTE	UNITS					
Density	g/cc	1.0*	1.0*	1.0*	0.99*	1.0*
Sediment	mg/L	21*	32*	10*	18*	15*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-3 1/23/2008 5:49:00 PM	004 EFF-3 2/24/2008 2:56:00 AM	004 EFF-4 1/23/2008 6:49:00 PM	004 EFF-4 2/24/2008 3:56:00 AM	004 EFF-5 1/23/2008 7:49:00 PM
ANALYTE	UNITS					
Density	g/cc	1.0*	1.0*	0.99*	0.99*	1.0*
Sediment	mg/L	16*	11*	15*	13*	15*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-5 2/24/2008 4:56:00 AM	004 EFF-6 1/23/2008 8:49:00 PM	004 EFF-6 2/24/2008 5:56:00 AM	004 EFF-7 1/23/2008 9:49:00 PM	004 EFF-7 2/24/2008 6:56:00 AM
ANALYTE	UNITS					
Density	g/cc	0.99*	0.99*	1.0*	0.99*	0.99*
Sediment	mg/L	10*	12*	12*	11*	12*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-8 1/23/2008 10:49:00 PM	004 EFF-8 2/24/2008 7:56:00 AM	004 EFF-9 1/23/2008 11:49:00 PM	004 EFF-9 2/24/2008 8:56:00 AM	004 EFF-10 1/24/2008 12:49:00 AM
ANALYTE	UNITS					
Density	g/cc	0.99*	1.0*	0.99*	0.99*	0.99*
Sediment	mg/L	14*	11*	12*	29*	12*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-10 2/24/2008 9:56:00 AM	004 EFF-11 1/24/2008 1:49:00 AM	004 EFF-11 2/24/2008 10:56:00 AM	004 EFF-12 1/24/2008 2:49:00 AM	004 EFF-12 2/24/2008 11:56:00 AM
ANALYTE	UNITS					
Density	g/cc	1.0*	0.99*	0.99*	1.0*	1.0*
Sediment	mg/L	19*	15*	16*	11*	12*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-13 1/24/2008 3:49:00 AM	004 EFF-13 2/24/2008 12:56:00 PM	004 EFF-14 1/24/2008 4:49:00 AM	004 EFF-14 2/24/2008 1:56:00 PM	004 EFF-15 1/24/2008 5:49:00 AM
ANALYTE	UNITS					
Density	g/cc	1.0*	1.0*	0.99*	1.0*	1.0*
Sediment	mg/L	13*	11*	10*	ND <10*	10*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-15 2/24/2008 2:56:00 PM	004 EFF-16 1/24/2008 6:49:00 AM	004 EFF-16 2/24/2008 3:56:00 PM	004 EFF-17 1/24/2008 7:49:00 AM	004 EFF-17 2/24/2008 4:56:00 PM
ANALYTE	UNITS					
Density	g/cc	1.0*	1.0*	1.0*	0.99*	0.99*
Sediment	mg/L	ND <10*	12*	11*	ND <10*	ND <10*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-18 1/24/2008 8:49:00 AM	004 EFF-18 2/24/2008 5:56:00 PM	004 EFF-19 1/24/2008 9:49:00 AM	004 EFF-19 2/24/2008 6:56:00 PM	004 EFF-20 1/24/2008 10:49:00 AM
ANALYTE	UNITS					
Density	g/cc	1.0*	1.0*	0.99*	1.0*	0.99*
Sediment	mg/L	17*	ND <10*	10*	ND <10*	10*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-20 2/24/2008 7:56:00 PM	004 EFF-21 1/24/2008 11:49:00 AM	004 EFF-21 2/24/2008 8:56:00 PM	004 EFF-22 1/24/2008 12:49:00 PM	004 EFF-22 2/24/2008 9:56:00 PM
ANALYTE	UNITS					
Density	g/cc	1.0*	0.99*	1.0*	1.0*	1.0*
Sediment	mg/L	ND <10*	11*	ND <10*	12*	ND <10*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-23 1/24/2008 1:49:00 PM	004 EFF-23 2/24/2008 10:56:00 PM	004 EFF-24 1/24/2008 2:49:00 PM	004 EFF-24 2/24/2008 11:56:00 PM	004 EFF-1 12/15/2008 4:00:00 AM
ANALYTE	UNITS					
Density	g/cc	0.99*	1.0*	0.99*	1.0*	0.93*
Sediment	mg/L	ND <10*	11*	15*	ND <10*	27*

**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		004 EFF-2	004 EFF-3	004 EFF-4	004 EFF-5
		12/15/2008 5:00:00 AM	12/15/2008 6:00:00 AM	12/15/2008 7:00:00 AM	12/15/2008 8:00:00 AM
ANALYTE	UNITS				
Density	g/cc	0.96*	0.94*	0.93*	0.94*
Sediment	mg/L	14*	12*	15*	16*

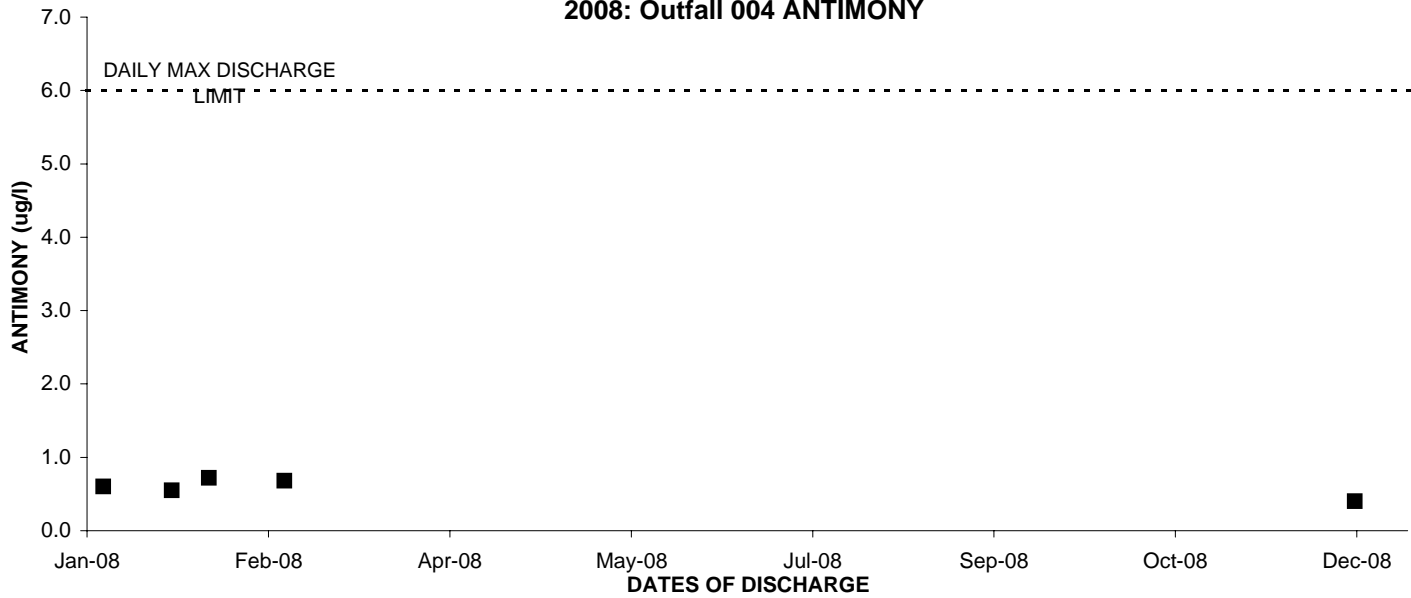
**OUTFALL 004 (SRE)
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

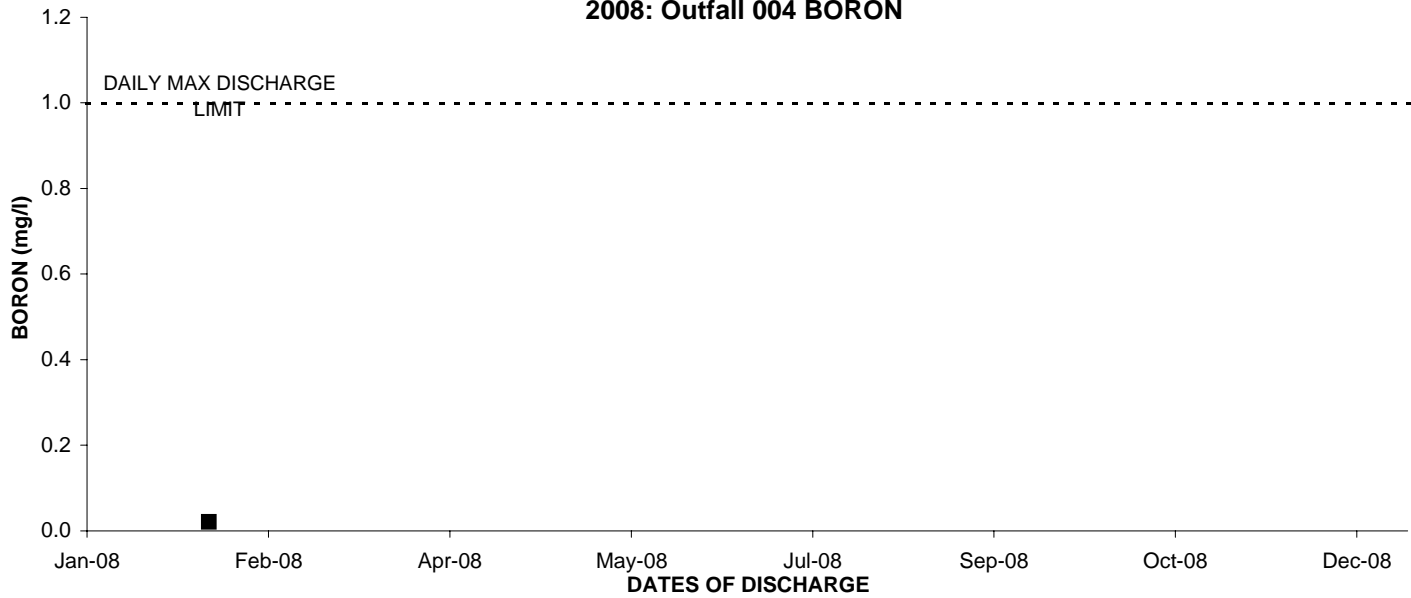
January 1 through December 31, 2008

		004 EFF-6	004 EFF-7	004 EFF-8	004 EFF-9
		12/15/2008 9:00:00 AM	12/15/2008 10:00:00 AM	12/15/2008 11:00:00 AM	12/15/2008 12:00:00 PM
ANALYTE	UNITS				
Density	g/cc	0.95*	0.95*	0.94*	0.94*
Sediment	mg/L	14*	ND <10*	ND <10*	17*

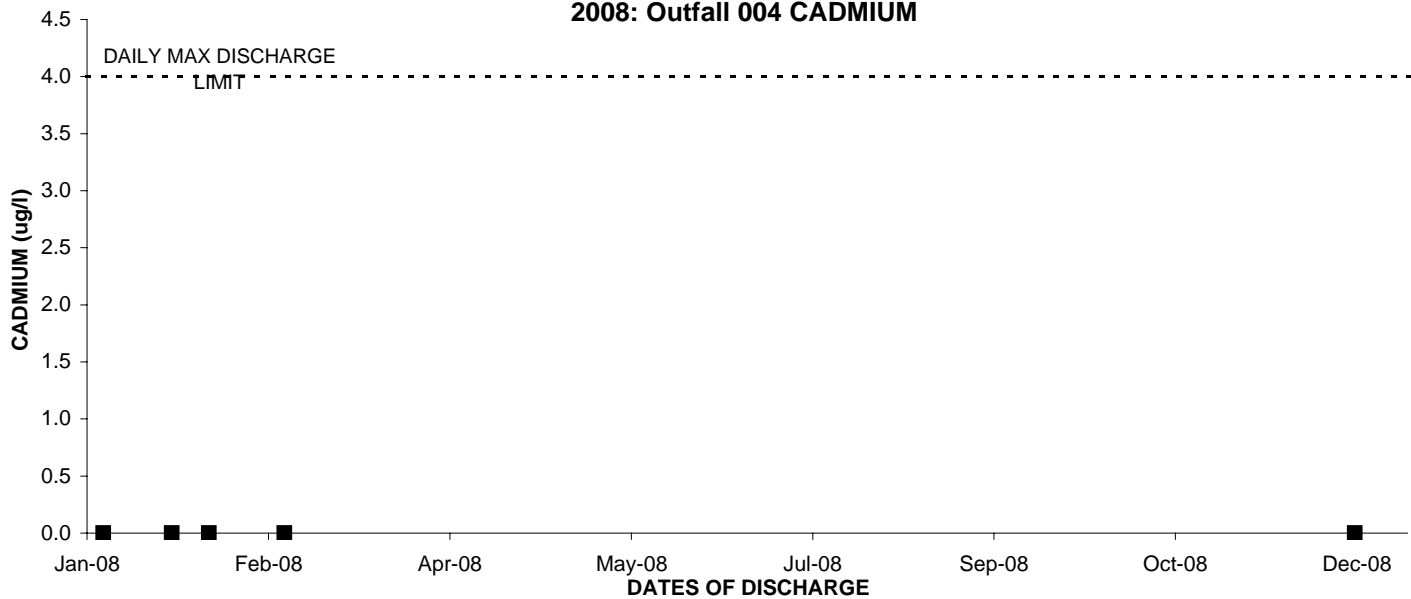
2008: Outfall 004 ANTIMONY



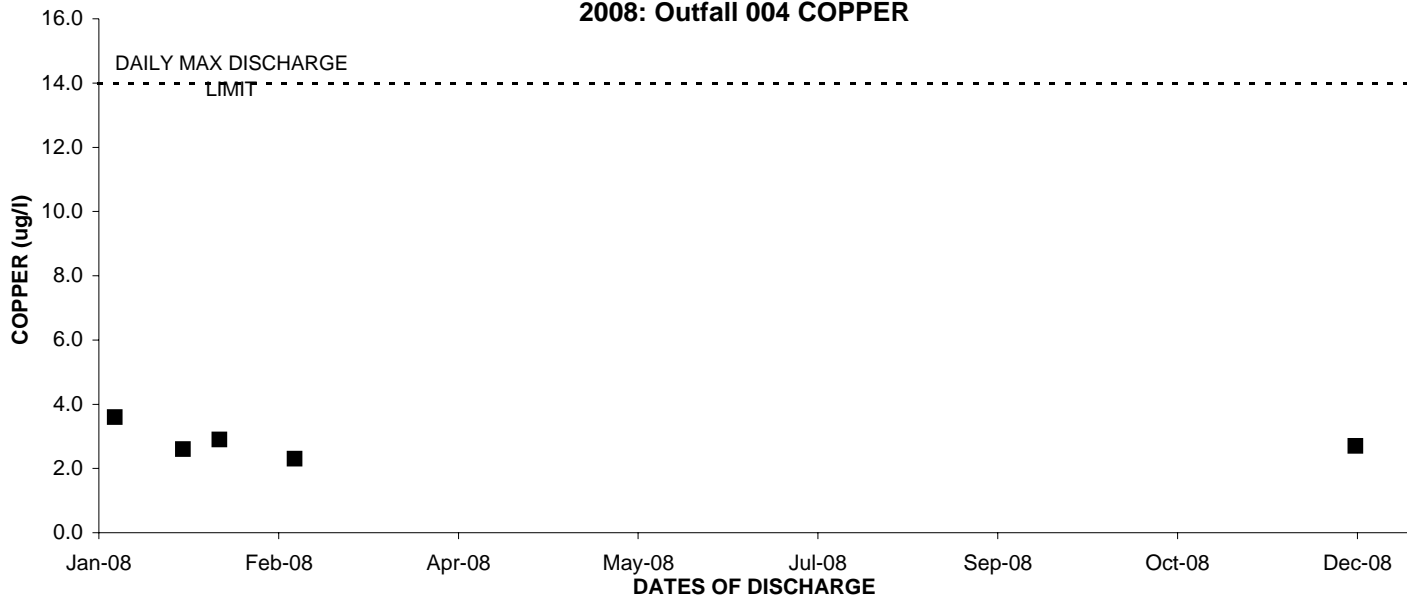
2008: Outfall 004 BORON



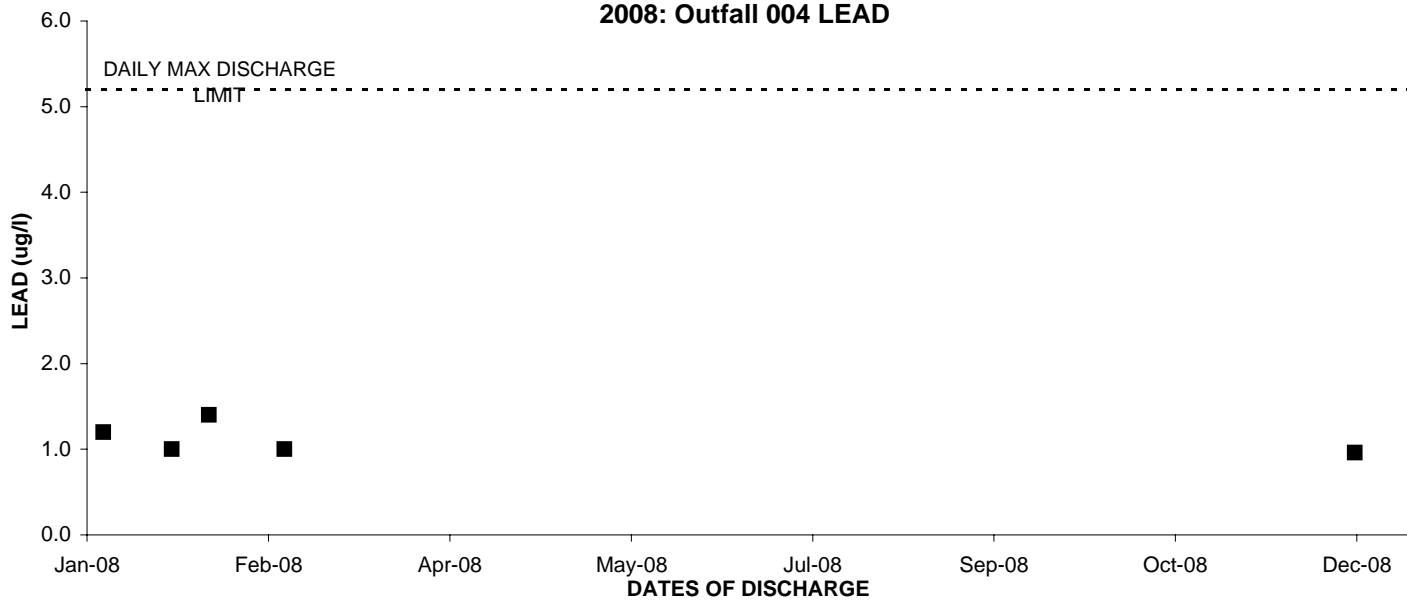
2008: Outfall 004 CADMIUM



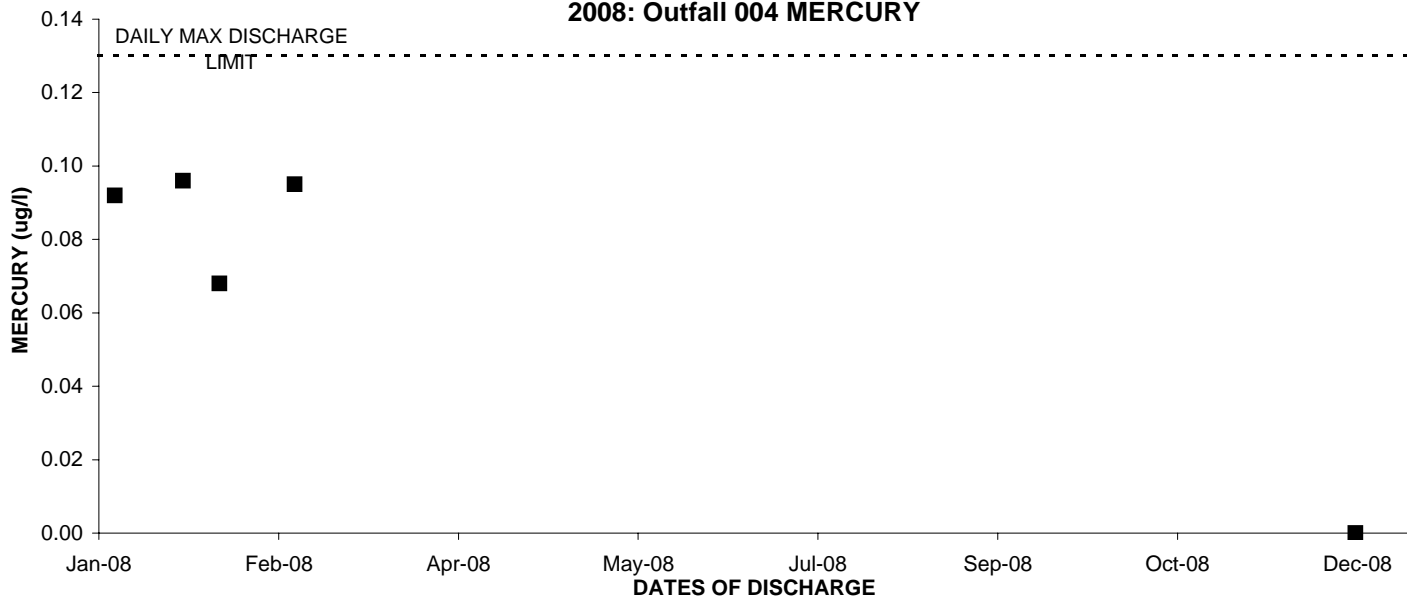
2008: Outfall 004 COPPER



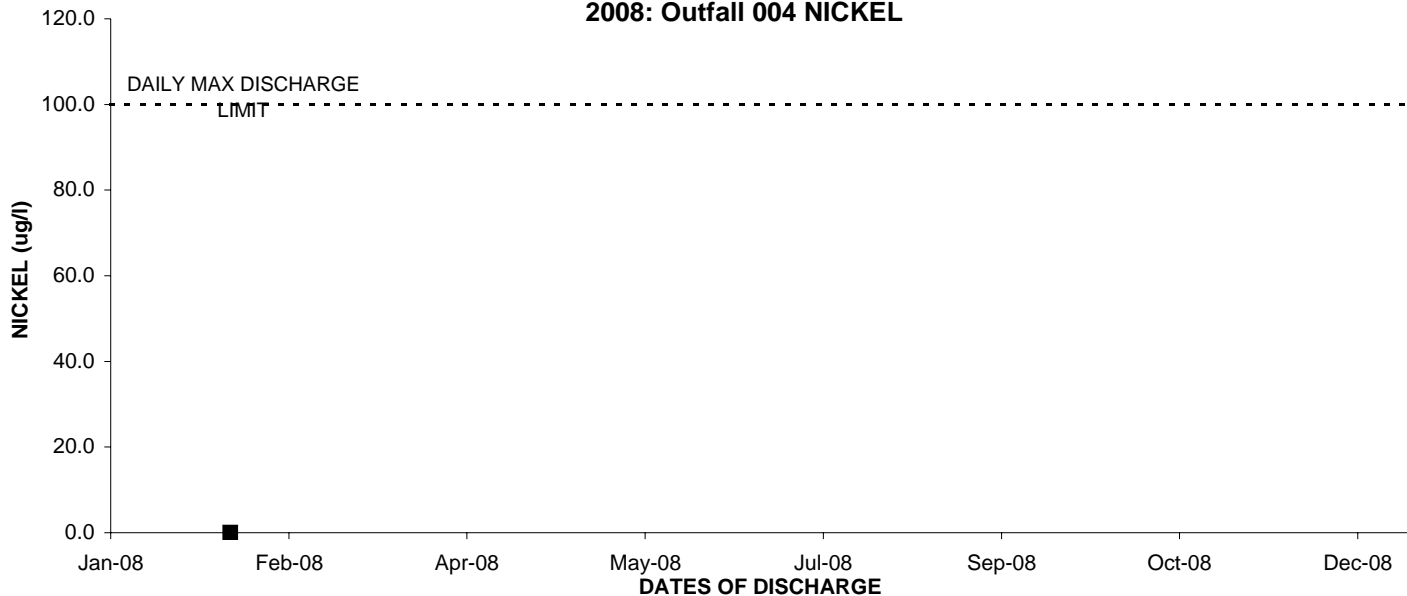
2008: Outfall 004 LEAD



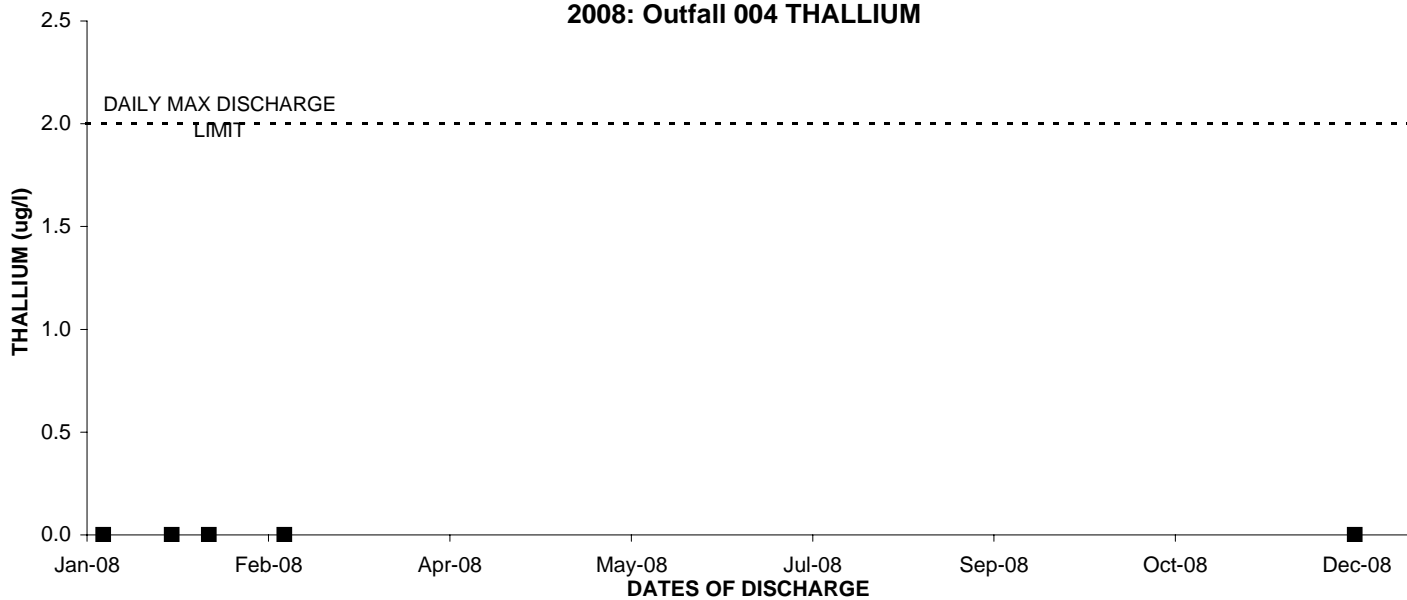
2008: Outfall 004 MERCURY



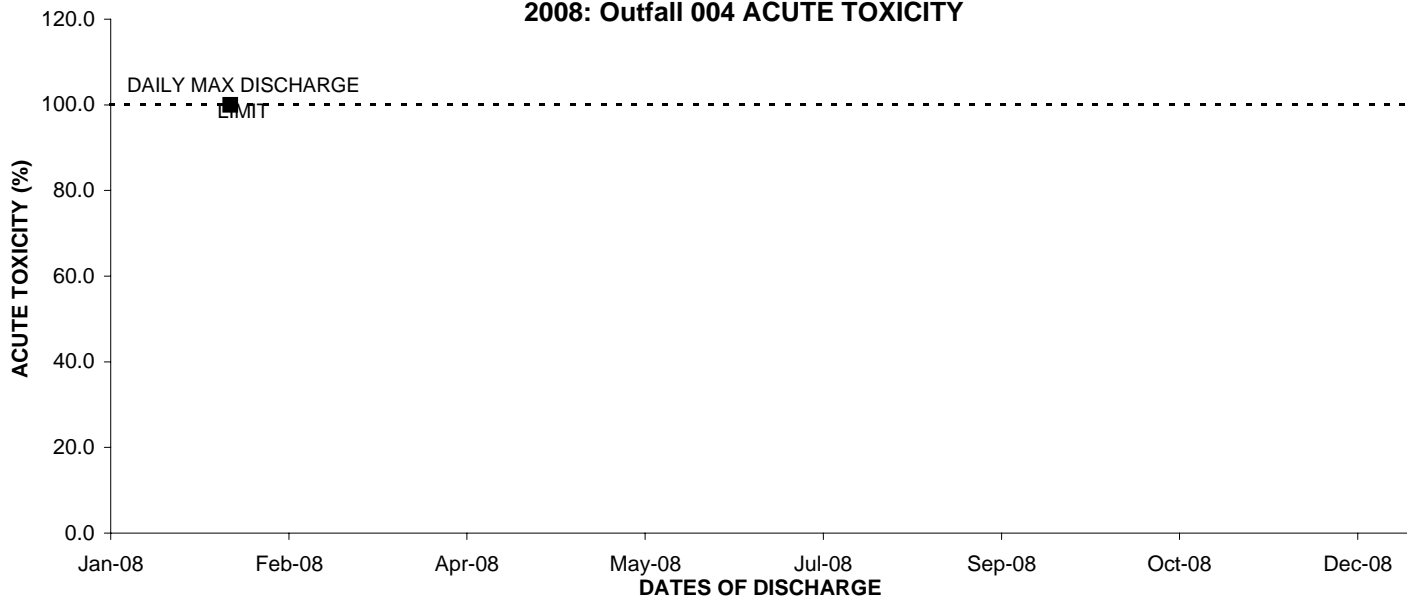
2008: Outfall 004 NICKEL



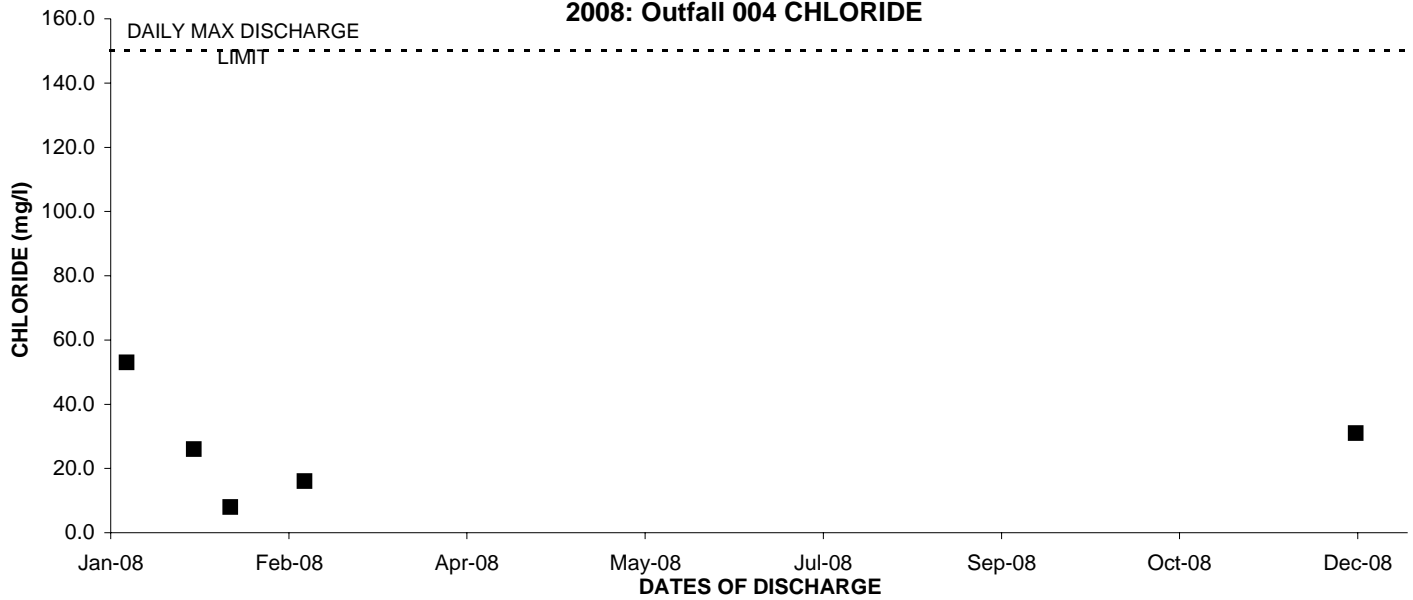
2008: Outfall 004 THALLIUM



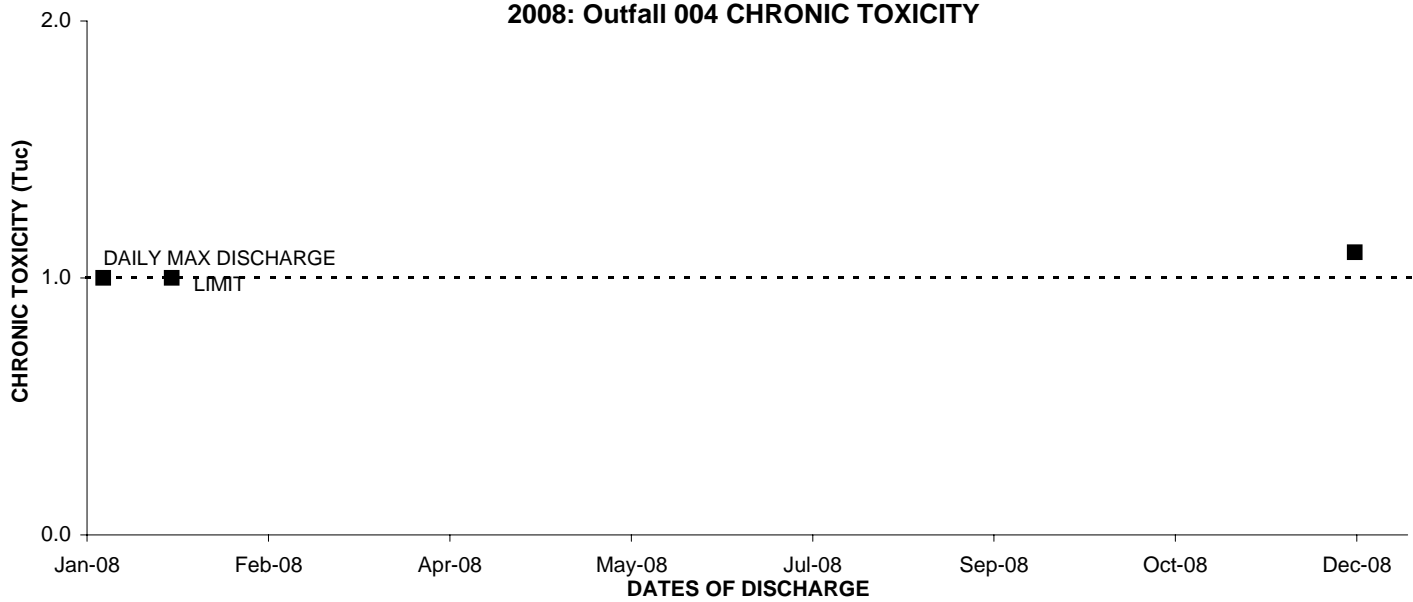
2008: Outfall 004 ACUTE TOXICITY



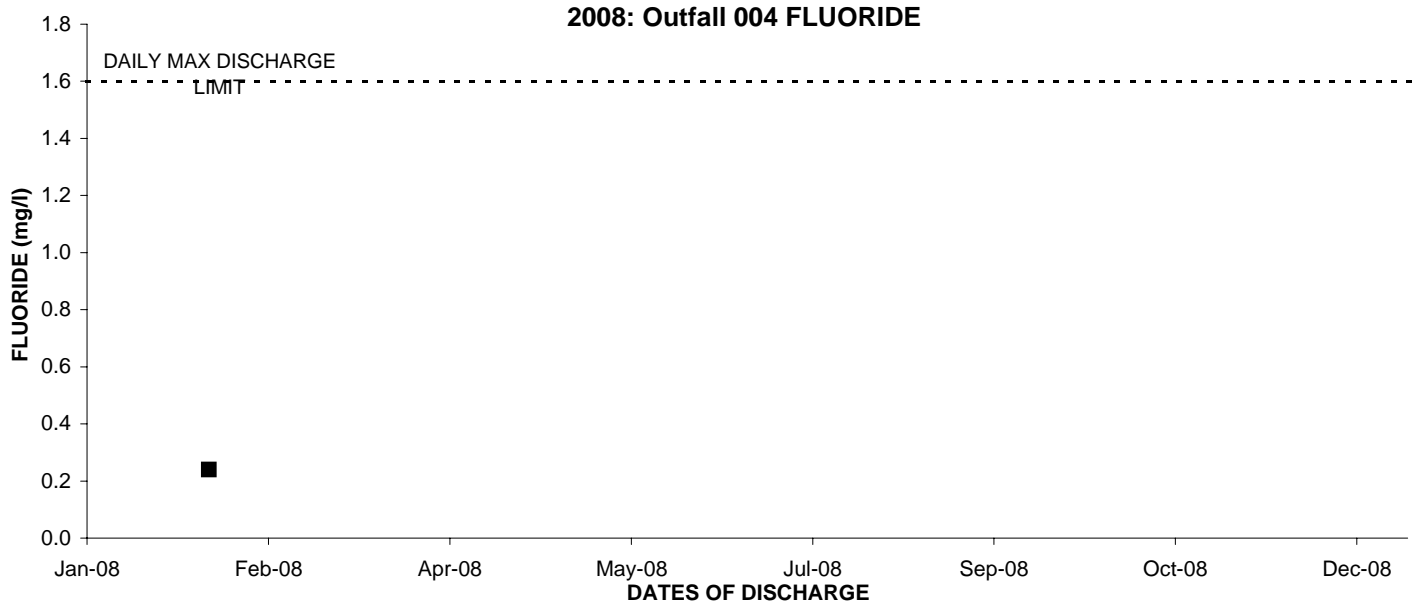
2008: Outfall 004 CHLORIDE



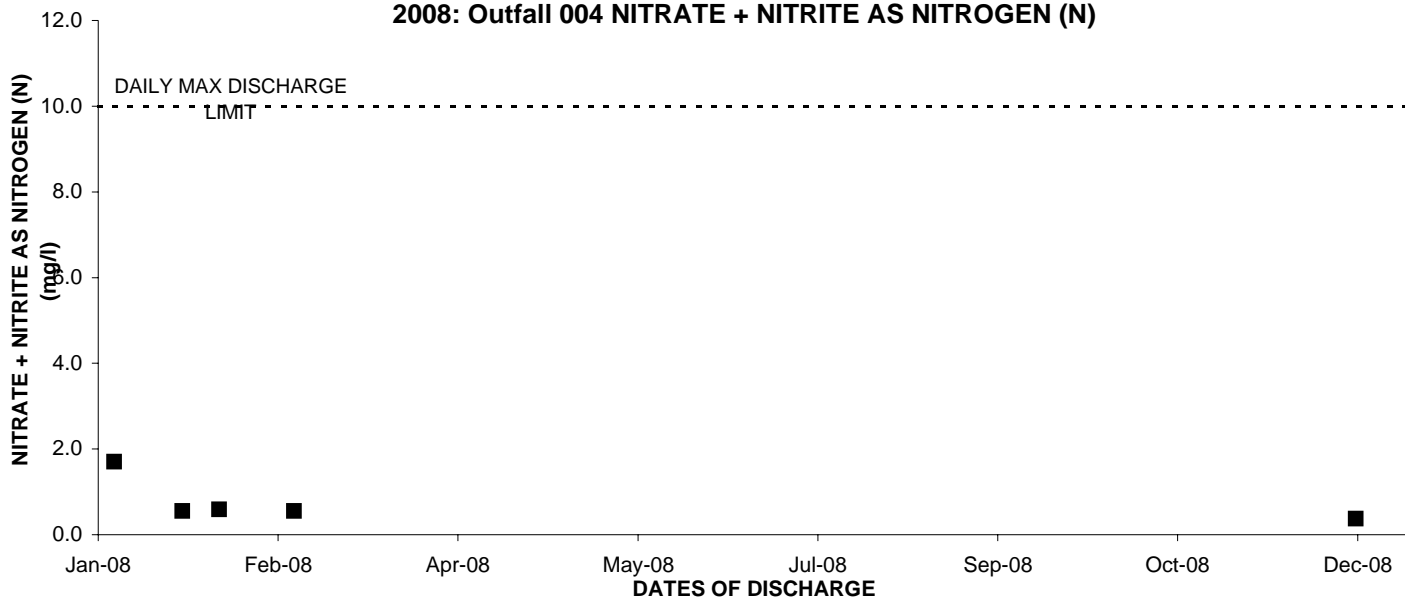
2008: Outfall 004 CHRONIC TOXICITY



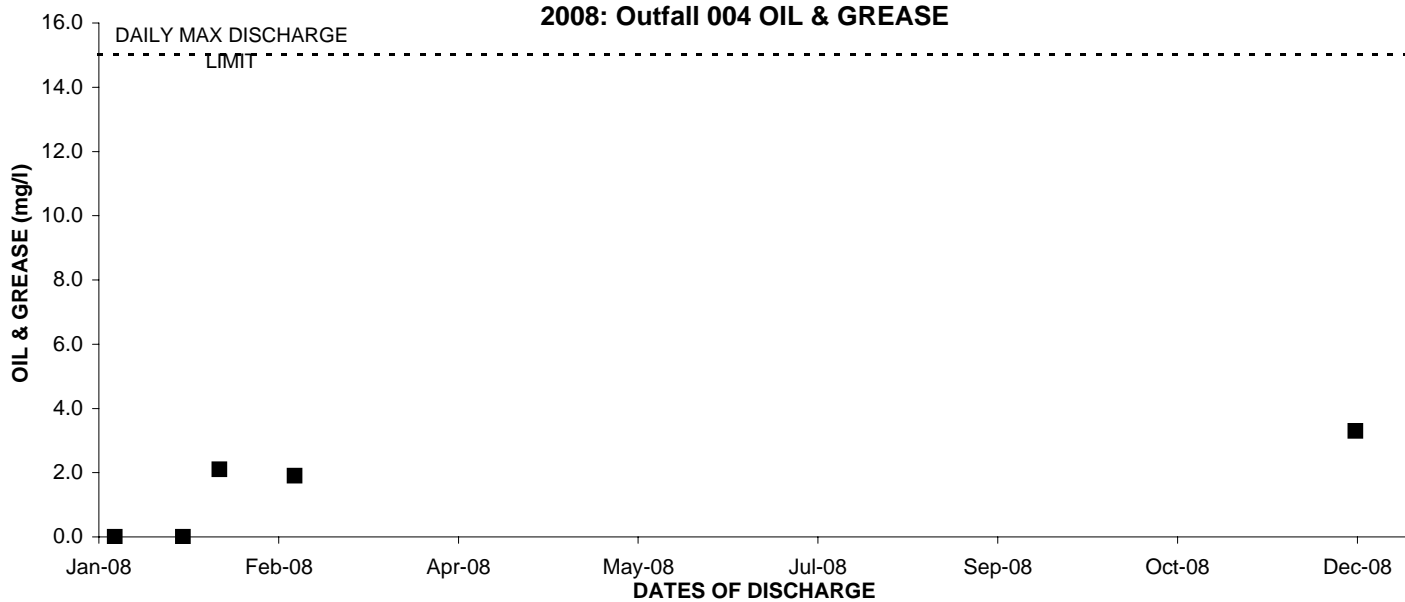
2008: Outfall 004 FLUORIDE



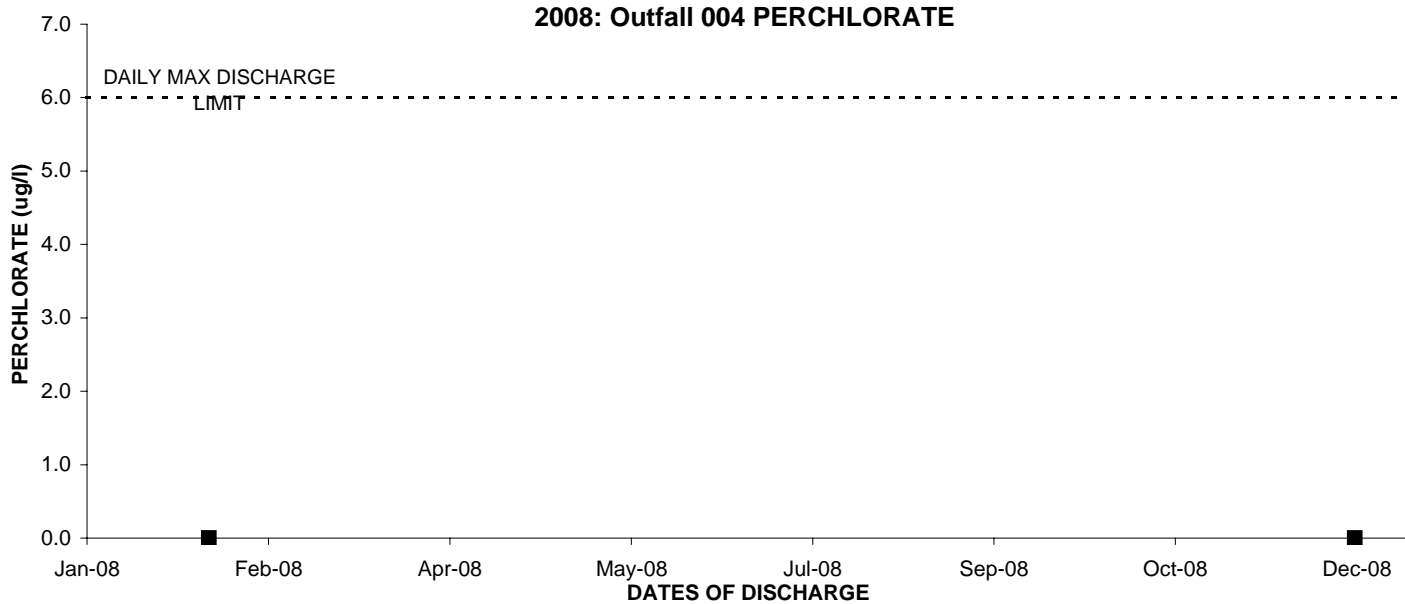
2008: Outfall 004 NITRATE + NITRITE AS NITROGEN (N)



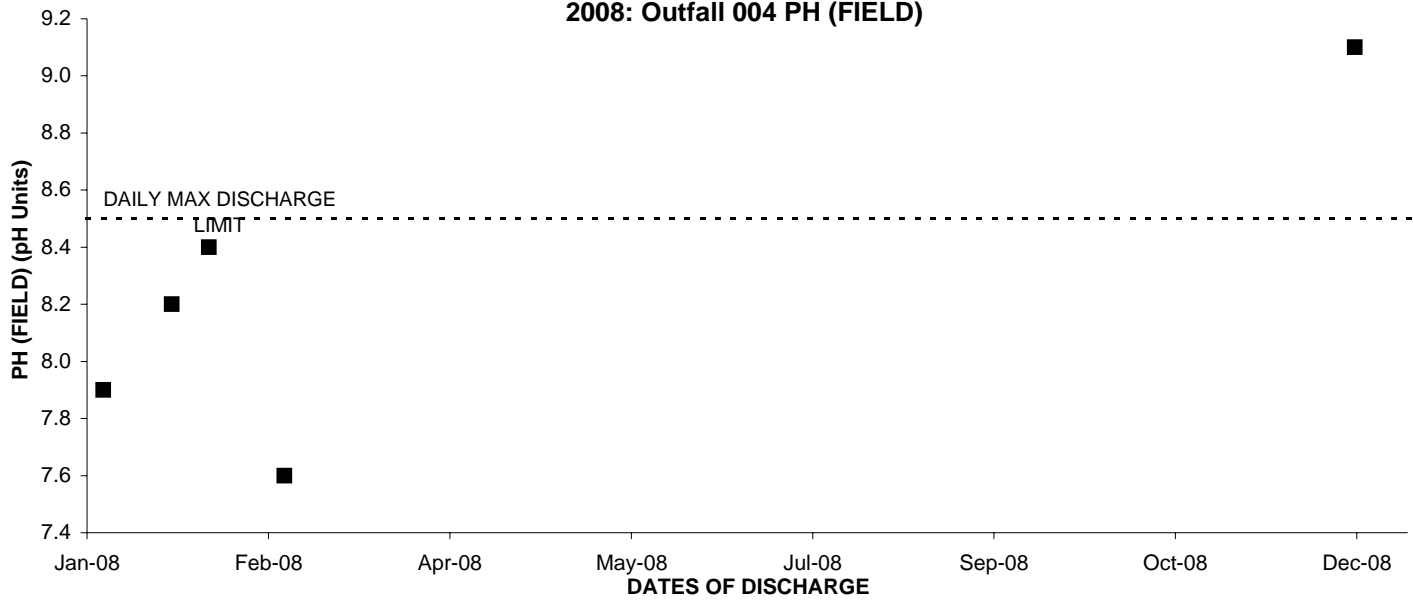
2008: Outfall 004 OIL & GREASE



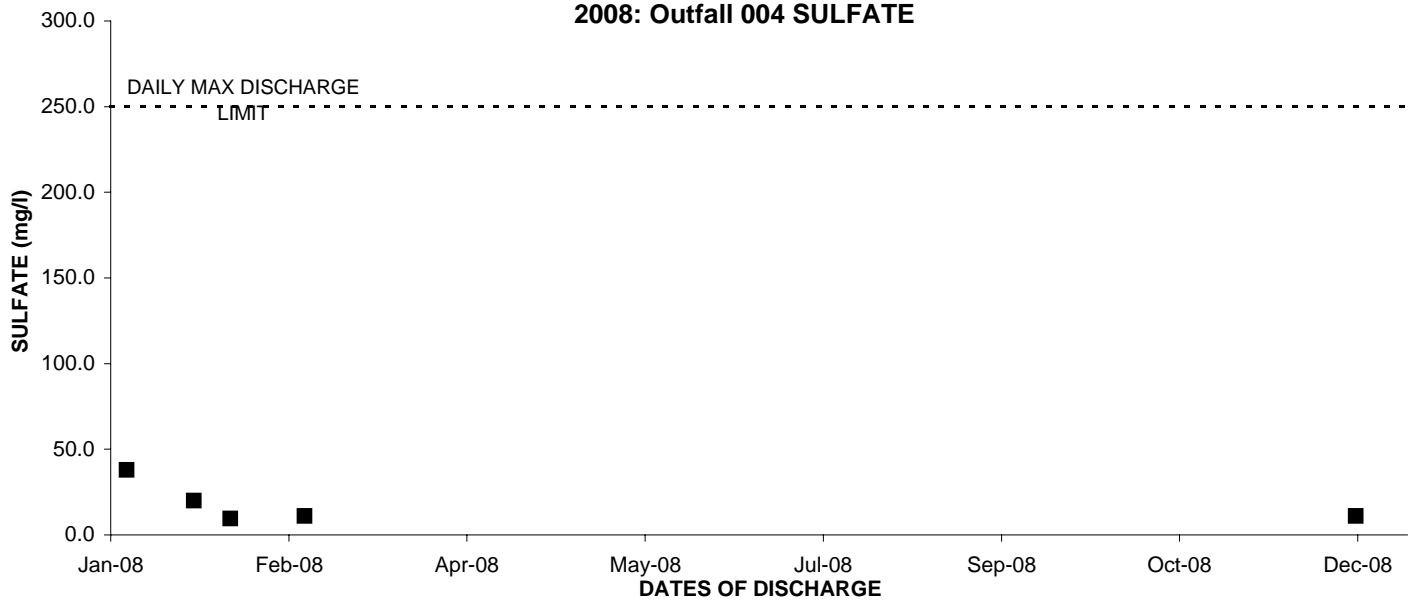
2008: Outfall 004 PERCHLORATE



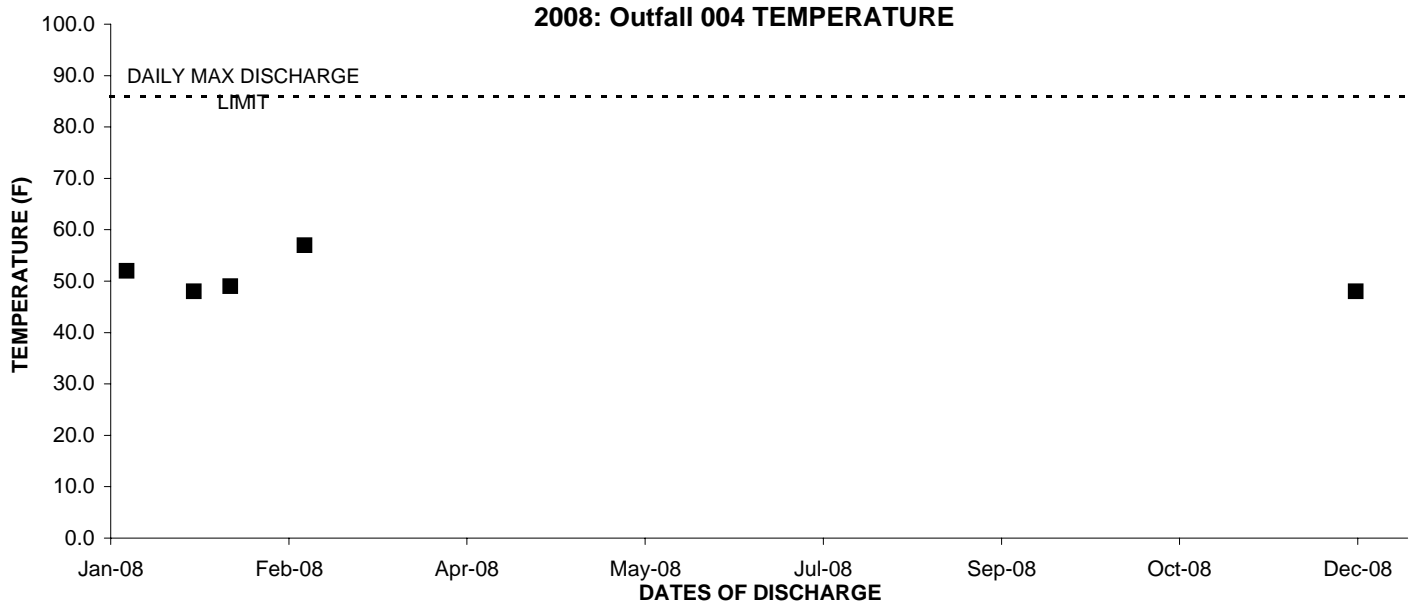
2008: Outfall 004 PH (FIELD)



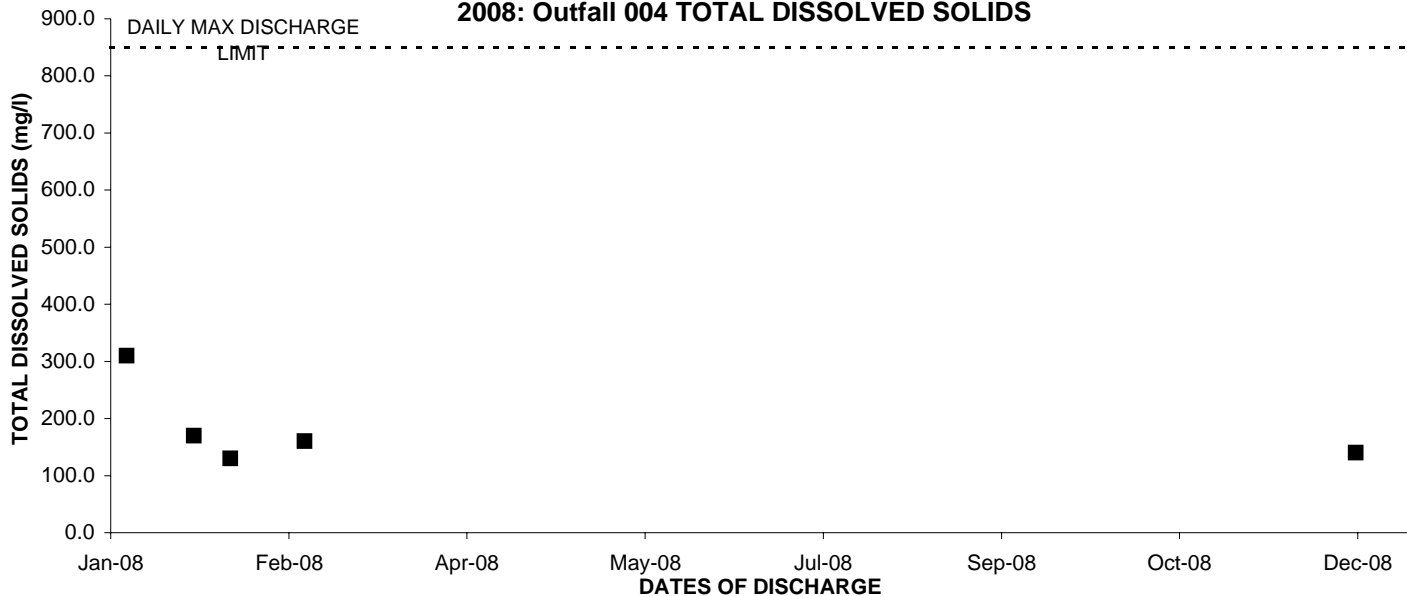
2008: Outfall 004 SULFATE



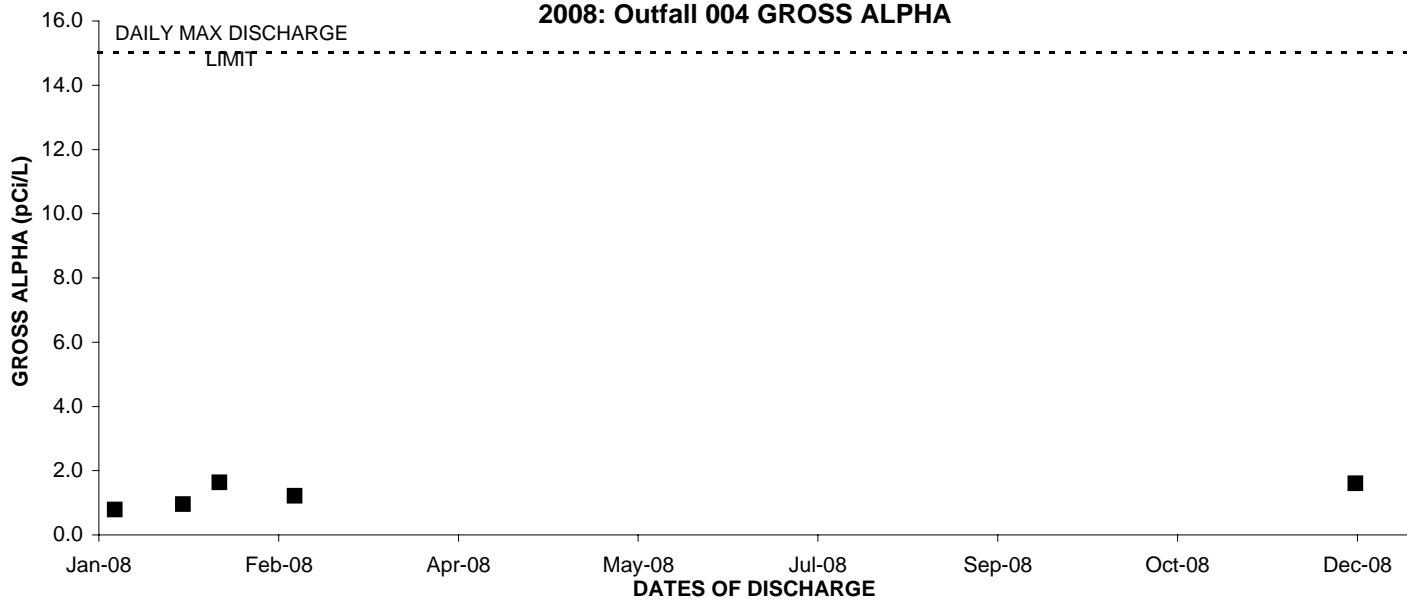
2008: Outfall 004 TEMPERATURE



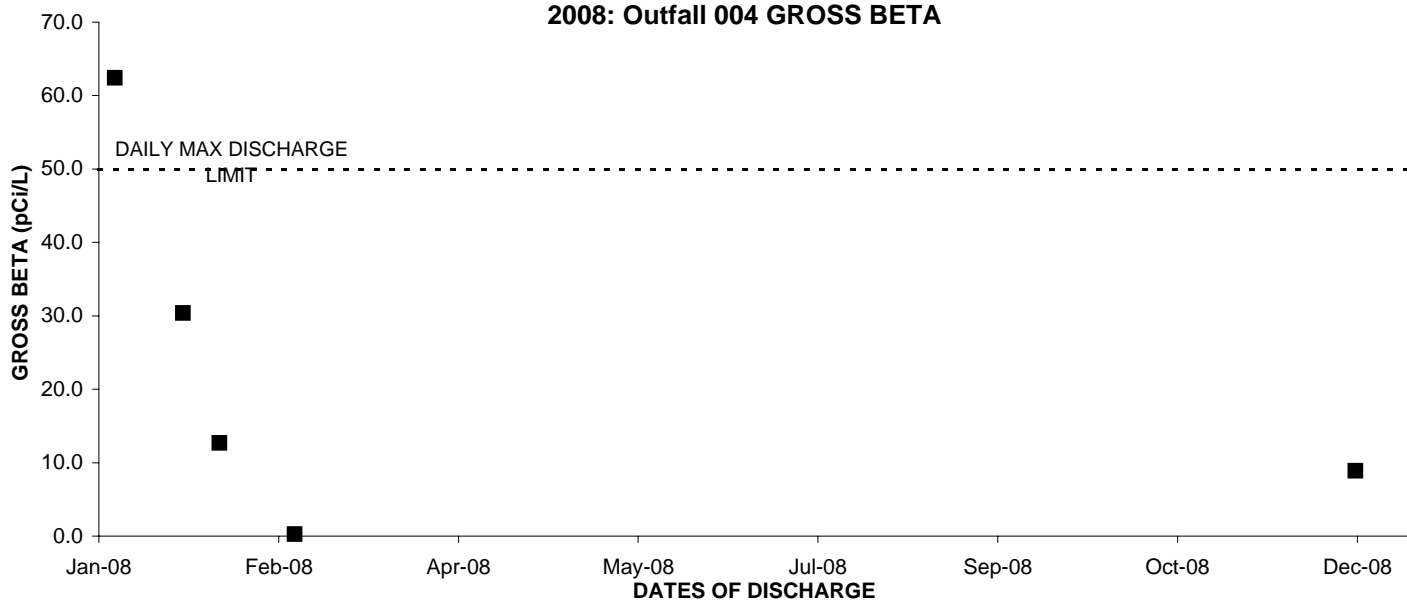
2008: Outfall 004 TOTAL DISSOLVED SOLIDS



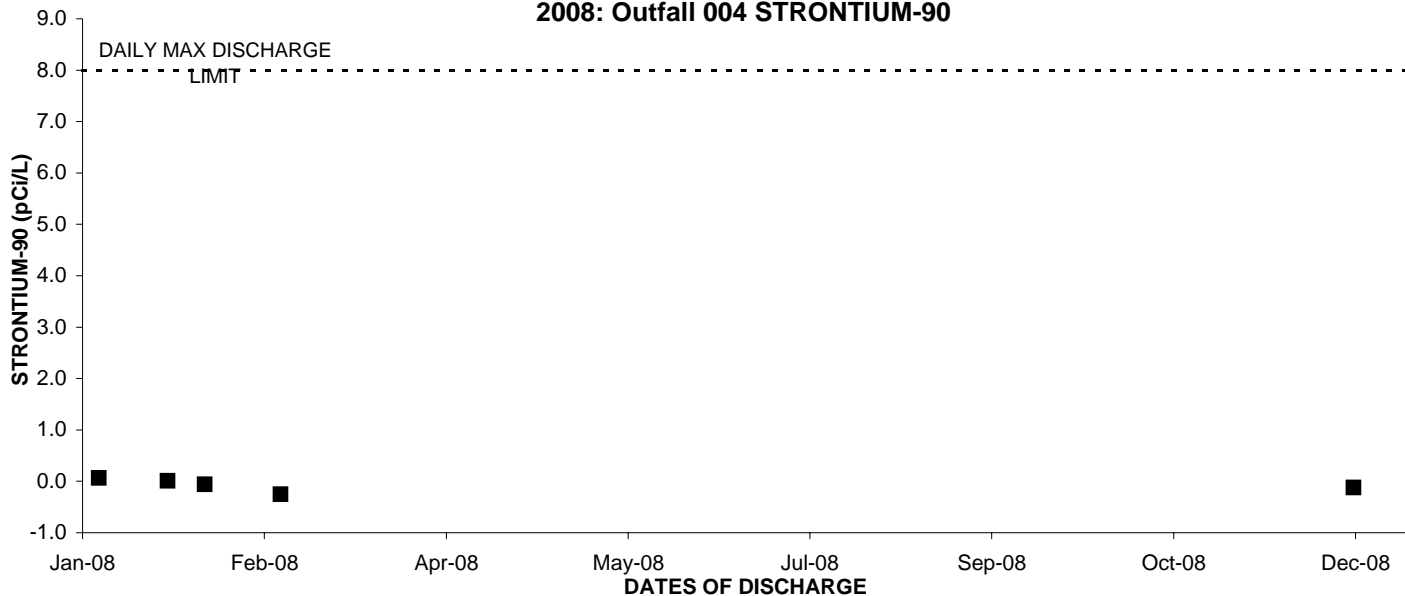
2008: Outfall 004 GROSS ALPHA



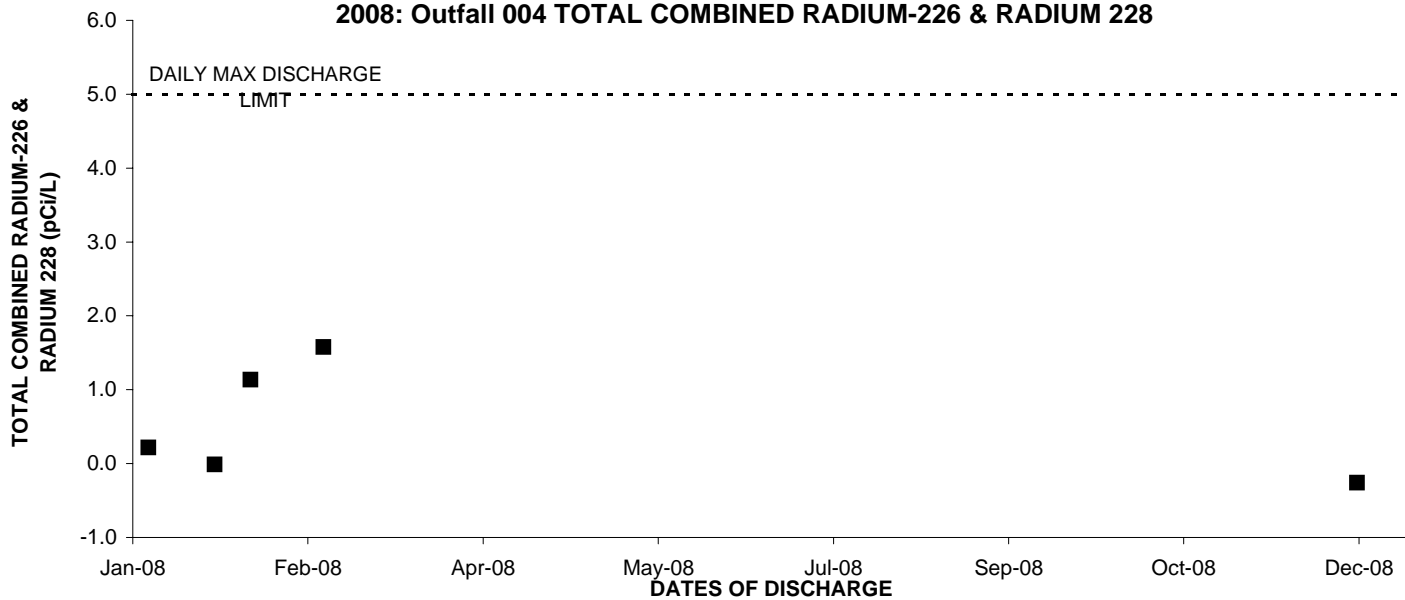
2008: Outfall 004 GROSS BETA



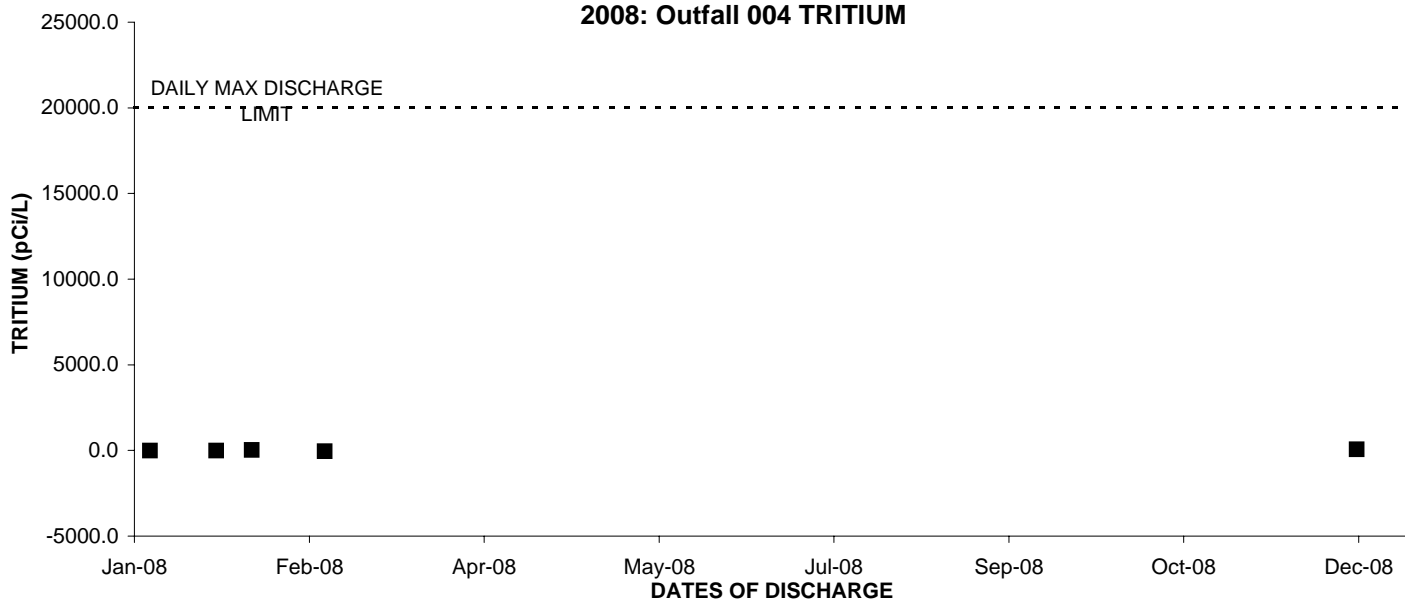
2008: Outfall 004 STRONTIUM-90



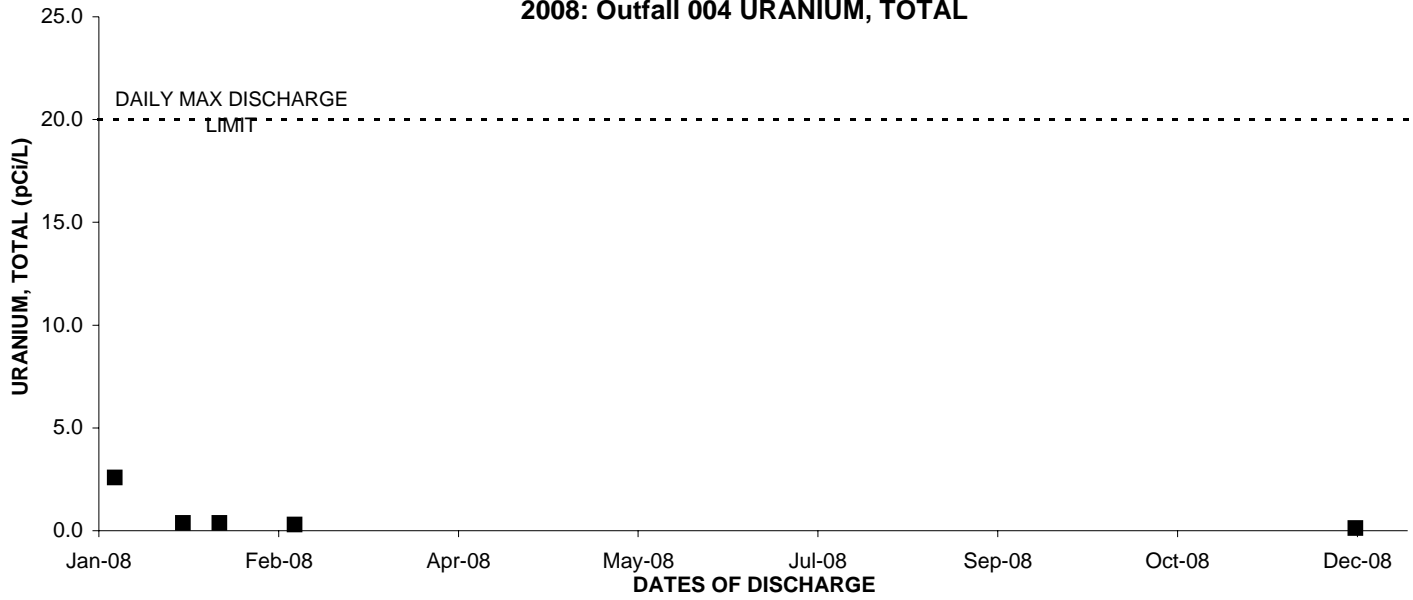
2008: Outfall 004 TOTAL COMBINED RADIUM-226 & RADIUM 228



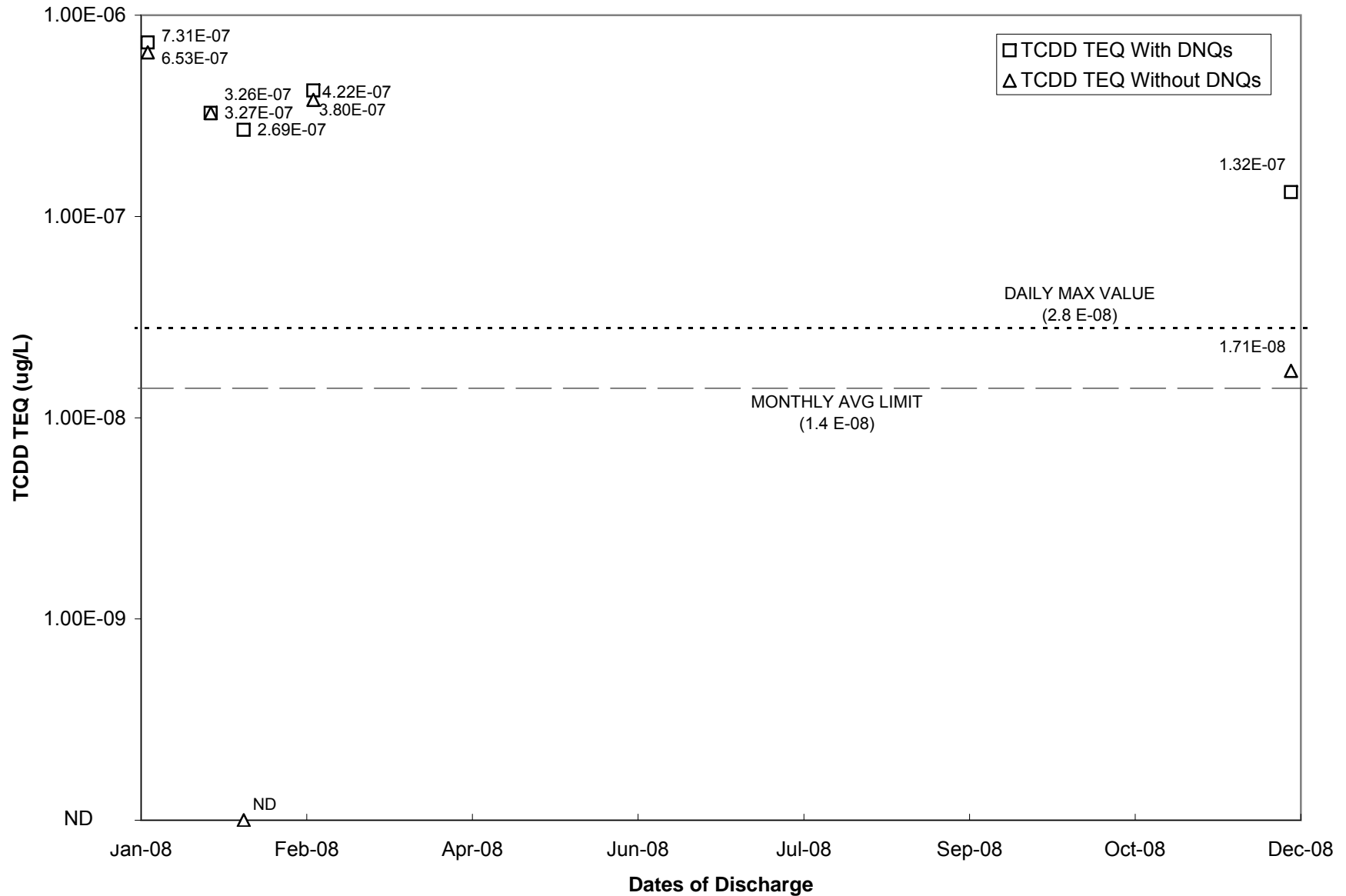
2008: Outfall 004 TRITIUM



2008: Outfall 004 URANIUM, TOTAL



2008: Outfall 004 TCDD



Note: Only TCDD TEQ Without DNQs (Δ) are used for compliance purposes and if greater than the daily max value, are a permit limit exceedance. TCDD TEQ With DNQ values are shown for information purposes only.