

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2008

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2008		1/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	7.8	*	7.6	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	2.5	*	1.4	*
Oil & Grease	mg/L	15/-	ND < 1.4	*	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.8	*	7.4	*
Sulfate	mg/L	250/-	12	*	10	*
Temperature	deg. F	86/-	51	*	44	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	120	*	120	*
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/-	NR	*	NR	*
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	1.0	J (DNQ)	0.87	J (DNQ)
Antimony, dissolved	ug/L	-/-	0.92	J (DNQ)	0.92	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/-	5.8	--	4.6	--
Copper, dissolved	ug/L	-/-	4.6	--	3.6	--
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	2.3	--	1.3	--
Lead, dissolved	ug/L	-/-	0.78	J (DNQ)	0.37	J (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.050	U	ND < 0.050	U
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	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

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
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
<b>ORGANICS</b>						
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
<b>ADDITIONAL ANALYTES</b>						
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR
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

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
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

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
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
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

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2008		1/24/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
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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NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ND < 2.2	UJ (H)	ANR	ANR
Chloride	mg/L	150/-	7.0	*	13	*
Fluoride	mg/L	1.6/-	0.21	J* (DNQ)	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	3.3	*	1.5	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	1.4	J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 1.5	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.3	*	7.5	*
Sulfate	mg/L	250/-	11	*	26	*
Temperature	deg. F	86/-	48	*	52	*
Total Cyanide	ug/L	-/-	ND < 2.2	*	ANR	ANR
Total Dissolved Solids	mg/L	850/-	110	*	140	*
Hardness	mg/L	-/-	50	--	ANR	ANR
Hardness, dissolved	mg/L	-/-	47	--	ANR	ANR
Total Suspended Solids	mg/L	-/-	62	--	ANR	ANR
Volume Discharged	MGD	17.8/-	NR	*	NR	*
<b>METALS</b>						
Aluminum	ug/L	-/-	1500	--	ANR	ANR
Aluminum, dissolved	ug/L	-/-	110	--	ANR	ANR
Antimony	ug/L	6.0/-	1.6	J (DNQ)	0.91	J (DNQ)
Antimony, dissolved	ug/L	-/-	1.5	J (DNQ.*III)	0.94	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/-	0.038	J (DNQ)	ANR	ANR
Boron, dissolved	mg/L	-/-	0.039	J (DNQ)	ANR	ANR
Cadmium	ug/L	4.0/-	0.16	J (DNQ)	ND < 0.11	U
Cadmium, dissolved	ug/L	-/-	ND < 0.11	U	0.11	J (DNQ)
Calcium	mg/L	-/-	13	--	ANR	ANR
Calcium, Dissolved	mg/L	-/-	13	--	ANR	ANR
Chromium	ug/L	-/-	3.5	J (DNQ)	ANR	ANR
Chromium, dissolved	ug/L	-/-	ND < 2.0	U	ANR	ANR
Copper	ug/L	14.0/-	4.7	--	2.7	--
Copper, dissolved	ug/L	-/-	2.4	--	2.6	--
Iron	mg/L	-/-	1.5	--	ANR	ANR
Iron, dissolved	mg/L	-/-	0.11	--	ANR	ANR
Lead	ug/L	5.2/-	6.0	--	1.6	--
Lead, dissolved	ug/L	-/-	0.54	J (DNQ.*III)	ND < 0.30	U
Magnesium	mg/L	-/-	4.0	--	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	3.5	--	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.050	U	ND < 0.050	U
Mercury, dissolved	ug/L	-/-	ND < 0.050	U	ND < 0.050	U
Nickel	ug/L	100/-	2.6	J (DNQ)	ANR	ANR
Nickel, dissolved	ug/L	-/-	ND < 2.0	U	ANR	ANR
Selenium	ug/L	-/-	ND < 10	UJ (B)	ANR	ANR

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Selenium, dissolved	ug/L	-/-	ND < 8.0	U	ANR	ANR
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	-/-	3.7	J (DNQ)	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U	ANR	ANR
Zinc	ug/L	-/-	15	J (DNQ)	ANR	ANR
Zinc, dissolved	ug/L	-/-	ND < 6.0	U	ANR	ANR
<b>ORGANICS</b>						
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
<b>ADDITIONAL ANALYTES</b>						
Diazinon	ug/L	-/-	ND < 0.24	UJ (H)	ANR	ANR
2,4,5-Trichlorophenol	ug/L	-/-	ND < 2.9	*	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.24	*	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ND < 2.9	*	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 < 2.4	*	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 2.9	*	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ND < 0.35	*	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 0.37	*	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ND < 4.3	*	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ND < 7.7	*	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ND < 3.3	*	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	*	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2008

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ND < 2.9	*	ANR	ANR
2-Chlorophenol	ug/L	-/-	ND < 2.9	*	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 3.8	*	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ND < 1.9	*	ANR	ANR
2-Methylphenol	ug/L	-/-	ND < 2.9	*	ANR	ANR
2-Nitrophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 2.9	*	ANR	ANR
4,4'-DDD	ug/L	-/-	ND < 0.0019	*	ANR	ANR
4,4'-DDE	ug/L	-/-	ND < 0.0028	*	ANR	ANR
4,4'-DDT	ug/L	-/-	ND < 0.0038	*	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ND < 2.9	*	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ND < 2.4	*	ANR	ANR
4-Chloroaniline	ug/L	-/-	ND < 1.9	*	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ND < 2.4	*	ANR	ANR
4-Nitrophenol	ug/L	-/-	ND < 5.3	*	ANR	ANR
Acenaphthene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Acenaphthylene	ug/L	-/-	ND < 2.9	*	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 < 2.4	*	ANR	ANR
Anthracene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Aroclor-1016	ug/L	-/-	ND < 0.42	*	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 < 0.28	*	ANR	ANR
Benzidine	ug/L	-/-	ND < 8.1	L6*	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ND < 1.9	*	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ND < 2.4	*	ANR	ANR
Benzoic acid	ug/L	-/-	ND < 9.6	*	ANR	ANR
Benzyl alcohol	ug/L	-/-	ND < 2.4	*	ANR	ANR
beta-BHC	ug/L	-/-	ND < 0.0038	*	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ND < 2.9	*	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 2.9	*	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 2.4	*	ANR	ANR
Bromodichloromethane	ug/L	-/-	ND < 0.30	*	ANR	ANR
Bromoform	ug/L	-/-	ND < 0.40	*	ANR	ANR



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SANTA SUSANA FIELD LABORATORY  
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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromomethane	ug/L	-/-	ND < 0.42	*	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.028	*	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 < 2.4	*	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	*	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.0033	*	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 3.8	*	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	*	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.3	*	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 1.9	*	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.9	*	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 3.3	*	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Endrin	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Fluorene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	*	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 4.8	*	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 3.3	*	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 3.3	*	ANR	ANR
Isophorone	ug/L	-/-	ND < 2.4	*	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.0033	*	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.95	*	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 2.9	*	ANR	ANR
Naphthalene	ug/L	-/-	ND < 2.9	*	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 2.4	*	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.3	*	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 1.9	*	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 1.9	*	ANR	ANR
p-Cresol	ug/L	-/-	ND < 2.9	*	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Pentachlorophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR
Phenanthrene	ug/L	-/-	ND < 3.3	*	ANR	ANR
Phenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 3.8	*	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Toxaphene	ug/L	-/-	ND < 0.066	*	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	*	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	*	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	5.6	*	11	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.95	*	0.87	*
Oil & Grease	mg/L	15/-	2.8	J* (DNQ)	3.9	B, J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.90	*	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.2	*	7.2	*
Sulfate	mg/L	250/-	23	*	10	*
Temperature	deg. F	86/-	55	*	47	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	110	*	100	*
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/-	0.06926	ANR	0.408315	ANR
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.59	J* (DNQ)	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	0.50	J* (DNQ)	ND < 2.0	U (B)
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/-	0.64	J* (DNQ)	0.54	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*	0.14	J (DNQ)
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/-	6.7	B*	12	--
Copper, dissolved	ug/L	-/-	4.8	*	ND < 5.2	U (B)
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	2.5	*	19	--
Lead, dissolved	ug/L	-/-	0.42	J* (DNQ)	1.1	--
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	0.055	J (*III, DNQ)	0.073	J (DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.027	UJ (*III)	ND < 0.027	U
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	*	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	*	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
<b>ORGANICS</b>						
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
1,1,1-Dichloroethane	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
<b>ADDITIONAL ANALYTES</b>						
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR
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

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
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

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January 1 through December 31, 2008

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
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
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

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2008

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
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

**OUTFALL 009 (DTSC SPLIT)**

**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	
			RESULT	VALIDATION QUALIFIER
Asbestos	MF/L	-/-	ND < 2.2	*



**OUTFALL 009 (WS-13 Drainage)**

**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	1.70E-05	J (DNQ)	0.01	1.70E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	3.28E-06	J (DNQ)	0.01	3.28E-08	ND
1,2,3,4,7,8,9-HpCDF	2.01E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	3.46E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.29E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	3.62E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.32E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	3.40E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.81E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	2.57E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.28E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.35E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.21E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.38E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.06E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	1.61E-04	--	0.0001	1.61E-08	1.61E-08
OCDF	1.89E-05	5.00E-05	ND	U	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>2.19E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>		<b>1.61E-08</b>

Dioxin TCDD TEQ benchmark limit established for this outfall?

Yes

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

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

**OUTFALL 009 (WS-13 Drainage)**

**ANNUAL 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	8.88E-06	J (DNQ)	0.01	8.88E-08	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	1.15E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.42E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	6.54E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	1.47E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	7.09E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.39E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.04E-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	1.60E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	8.00E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.17E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.74E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	6.64E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	8.52E-05	--	0.0001	8.52E-09	8.52E-09
OCDF	1.49E-05	5.00E-05	ND	U	0.0001	ND	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>9.73E-08</b>	
<b>TCDD TEQ w/out DNQ Values</b>		<b>8.52E-09</b>

Dioxin TCDD TEQ benchmark limit established for this outfall?

Yes

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

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

**OUTFALL 009 (WS-13 Drainage)**

**ANNUAL 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	3.32E-05	--	0.01	3.32E-07	3.32E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	5.62E-06	J (DNQ)	0.01	5.62E-08	ND
1,2,3,4,7,8,9-HpCDF	1.19E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.42E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	7.20E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	1.84E-06	J (DNQ)	0.1	1.84E-07	ND
1,2,3,6,7,8-HxCDF	1.41E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	1.42E-06	J (DNQ)	0.1	1.42E-07	ND
1,2,3,7,8,9-HxCDF	9.94E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	7.00E-07	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	8.42E-07	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	7.73E-07	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	8.40E-07	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	4.51E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	6.09E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	2.59E-04	--	0.0001	2.59E-08	2.59E-08
OCDF	0.00E+00	5.00E-05	1.41E-05	J (DNQ)	0.0001	1.41E-09	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>7.42E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>		<b>3.58E-07</b>

Dioxin TCDD TEQ benchmark limit established for this outfall?

Yes

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

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

**OUTFALL 009 (WS-13 Drainage)**

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

**Sample Date February 22, 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	1.44E-05	J (DNQ)	0.01	1.44E-07	ND
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.81E-06	J (DNQ)	0.01	2.81E-08	ND
1,2,3,4,7,8,9-HpCDF	1.42E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	1.96E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	4.47E-07	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	2.74E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.04E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	1.91E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.50E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.40E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.00E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.17E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.05E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	7.69E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	6.89E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	1.31E-04	--	0.0001	1.31E-08	1.31E-08
OCDF	0.00E+00	5.00E-05	6.03E-06	J (DNQ)	0.0001	6.03E-10	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>1.86E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>		<b>1.31E-08</b>

Dioxin TCDD TEQ benchmark limit established for this outfall?

Yes

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

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

**OUTFALL 009 (WS-13 Drainage)**

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

**Sample Date November 26, 2008**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/DNQ Values) (ug/L)</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	3.56E-05	--	0.01	3.56E-07	3.56E-07
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	6.39E-06	J (DNQ)	0.01	6.39E-08	ND
1,2,3,4,7,8,9-HpCDF	2.41E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	4.71E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	1.61E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	4.48E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDF	1.73E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	4.27E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	2.48E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	1.73E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	1.70E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	1.96E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	1.93E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	1.05E-06	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	1.09E-06	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	4.28E-04	--	0.0001	4.28E-08	4.28E-08
OCDF	0.00E+00	5.00E-05	2.45E-05	J (DNQ)	0.0001	2.45E-09	ND

<b>TCDD TEQ w/ DNQ Values</b>	<b>4.65E-07</b>	
<b>TCDD TEQ w/out DNQ Values</b>		<b>3.99E-07</b>

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

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

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

**OUTFALL 009 (WS-13 Drainage)**

**ANNUAL 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	1.38E-04	--	0.01	1.38E-06	1.38E-06
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.96E-05	--	0.01	2.96E-07	2.96E-07
1,2,3,4,7,8,9-HpCDF	3.06E-06	2.50E-05	ND	U	0.01	ND	ND
1,2,3,4,7,8-HxCDD	5.16E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,4,7,8-HxCDF	2.00E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	6.81E-06	J (DNQ)	0.1	6.81E-07	ND
1,2,3,6,7,8-HxCDF	2.43E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDD	5.48E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8,9-HxCDF	1.38E-06	2.50E-05	ND	U	0.1	ND	ND
1,2,3,7,8-PeCDD	5.23E-06	2.50E-05	ND	U	1	ND	ND
1,2,3,7,8-PeCDF	2.13E-06	2.50E-05	ND	U	0.05	ND	ND
2,3,4,6,7,8-HxCDF	2.96E-06	2.50E-05	ND	U	0.1	ND	ND
2,3,4,7,8-PeCDF	2.42E-06	2.50E-05	ND	U	0.5	ND	ND
2,3,7,8-TCDD	8.56E-07	5.00E-06	ND	U	1	ND	ND
2,3,7,8-TCDF	9.24E-07	5.00E-06	ND	U	0.1	ND	ND
OCDD	0.00E+00	5.00E-05	1.44E-03	--	0.0001	1.44E-07	1.44E-07
OCDF	0.00E+00	5.00E-05	8.49E-05	--	0.0001	8.49E-09	8.49E-09

<b>TCDD TEQ w/ DNQ Values</b>	<b>2.51E-06</b>	
<b>TCDD TEQ w/out DNQ Values</b>		<b>1.83E-06</b>

Dioxin TCDD TEQ compliance limit established for this outfall?

Yes

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

**OUTFALL 009 (WS-13 Drainage)**

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

**January 1 through December 31, 2008**

ANALYTE	UNITS	Benchmark 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
<b>RADIOACTIVITY</b>											
Gross Alpha	pCi/L	15/-	0.641 ± 0.56	0.84	UJ (R)	0.769 ± 0.39	0.40	J (R,0)	0.697 ± 0.44	0.60	J (R)
Gross Beta	pCi/L	50/-	2.91 ± 0.66	0.95	--	1.47 ± 0.55	0.84	--	2.09 ± 0.86	1.4	--
Strontium-90	pCi/L	8.0/-	-0.270 ± 0.40	1.1	U	0.195 ± 0.45	0.97	U	0.287 ± 0.37	0.75	UJ (H)
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.029 ± 0.46	1.24	U	-0.080 ± 0.435	1.22	U	1.882 ± 0.66	1.23	J (H)
Tritium	pCi/L	20000/-	-38.2 ± 86	150	U	-89.1 ± 92	160	U	-65.8 ± 87	150	U
Uranium, Total	pCi/L	20/-	0.107 ± 0.015	0.021	--	0.108 ± 0.015	0.022	--	0.205 ± 0.025	0.022	J (H)
Potassium-40	pCi/L	----	ND < 40	40	U	ND < 12	12	U	ND < 5.6	5.6	UJ (H)
Cesium 137	pCi/L	----	ND < 1.5	1.5	U	ND < 0.61	0.61	U	ND < 0.60	0.60	UJ (H)

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2008

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/22/2008			11/26/2008			12/15/2008		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>											
Gross Alpha	pCi/L	15/-	0.210 ± 0.53	0.89	UJ (R)	1.22 ± 0.76	0.98	J (H,C, DNQ)	1.41 ± 0.81	0.98	J (R, DNQ)
Gross Beta	pCi/L	50/-	1.84 ± 0.81	1.3	--	1.60 ± 0.98	1.5	J (H, DNQ)	5.5 ± 1.1	1.2	--
Strontium-90	pCi/L	8.0/-	-0.040 ± 0.36	0.87	UJ (H)	0.23 ± 0.24	0.38	UJ (H)	0.5 ± 0.41	0.66	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.295 ± 0.41	1.14	UJ (H)	0.567 ± 0.52	0.94	UJ (H,C)	-0.15 ± 0.26	0.65	UJ (L, *III)
Tritium	pCi/L	20000/-	-113 ± 84	150	UJ (R)	100 ± 180	290	U	210 ± 210	340	U
Uranium, Total	pCi/L	20/-	0.515 ± 0.059	0.023	J (H)	0.244 ± 0.026	0.21	J (H, DNQ)	0.15 ± 0.016	0.21	U
Potassium-40	pCi/L	----	ND < 8.7	8.7	UJ (H)	-40 ± 210	230	UJ (H)	-40 ± 200	240	UJ (H)
Cesium 137	pCi/L	----	ND < 0.70	0.70	UJ (H)	0.9 ± 7.5	14	UJ (H)	0.6 ± 6.3	12	UJ (H)



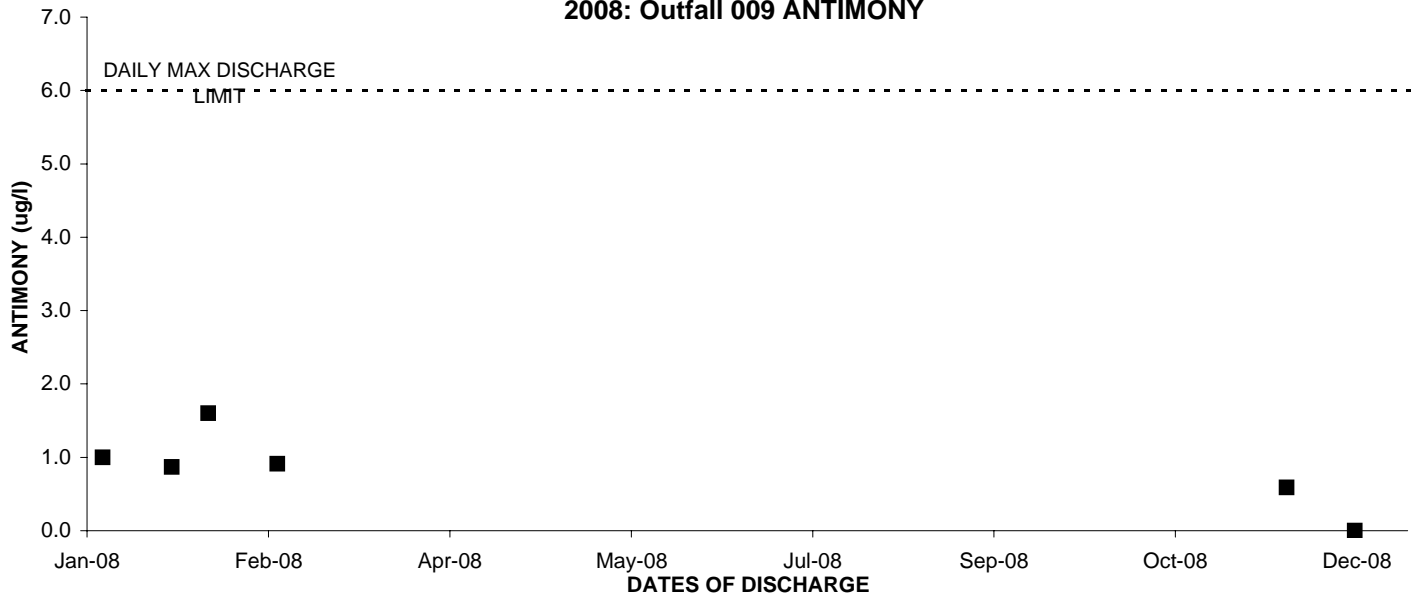
**OUTFALL 009 (WS-13 Drainage)**

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

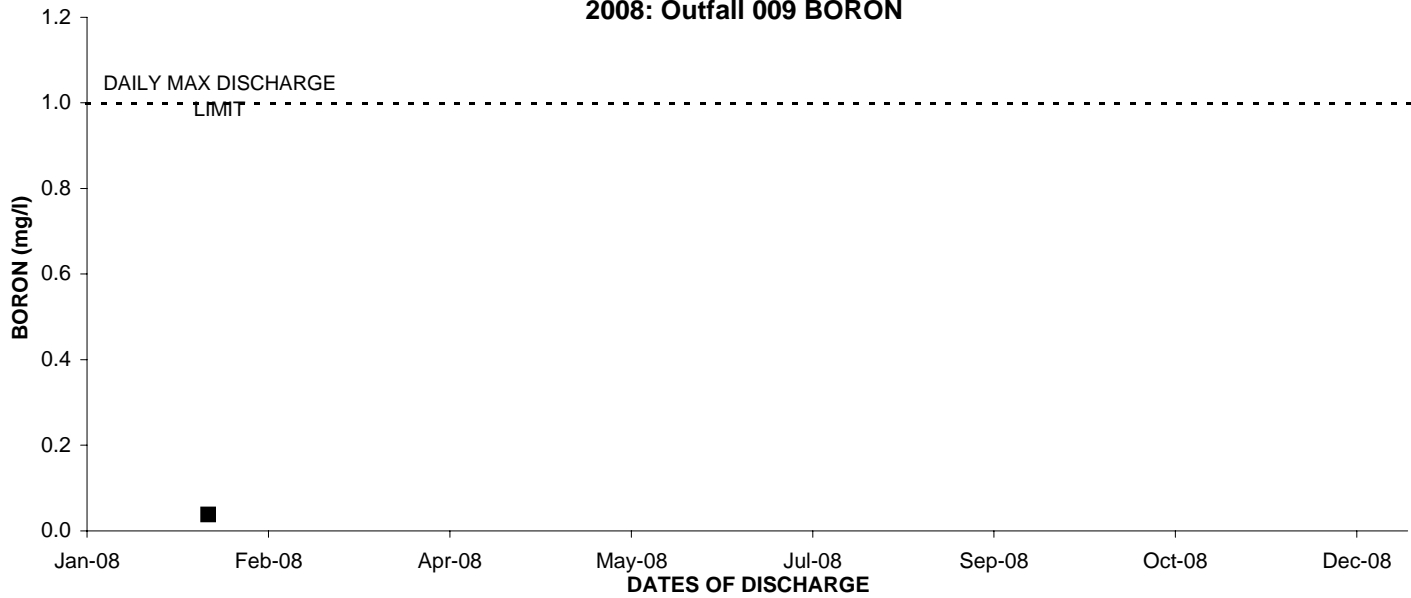
**January 1 through December 31, 2008**

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER	Result	CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	3.23	*	37.46	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.55	*	2.96	*
Oil & Grease	LBS/DAY	2,227/-	1.62	J* (DNQ)	13.28	B, J* (DNQ)
Perchlorate	LBS/DAY	0.89/-	ND	*	ANR	ANR
Sulfate	LBS/DAY	37,113/-	13.29	*	34.05	*
Total Dissolved Solids	LBS/DAY	126,184/-	63.54	*	340.53	*
Antimony	LBS/DAY	0.89/-	0.0003400	J* (DNQ)	ND	U (B)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	0.00037	J* (DNQ)	0.0018	J (DNQ)
Copper	LBS/DAY	2.08/-	0.0039	B*	0.041	--
Lead	LBS/DAY	0.77/-	0.0014	*	0.065	--
Mercury	LBS/DAY	0.02/-	0.000032	UJ (*III, DNQ)	0.00025	J (DNQ)
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	*	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.2E-09/-	2.30E-10	--	6.23E-09	--

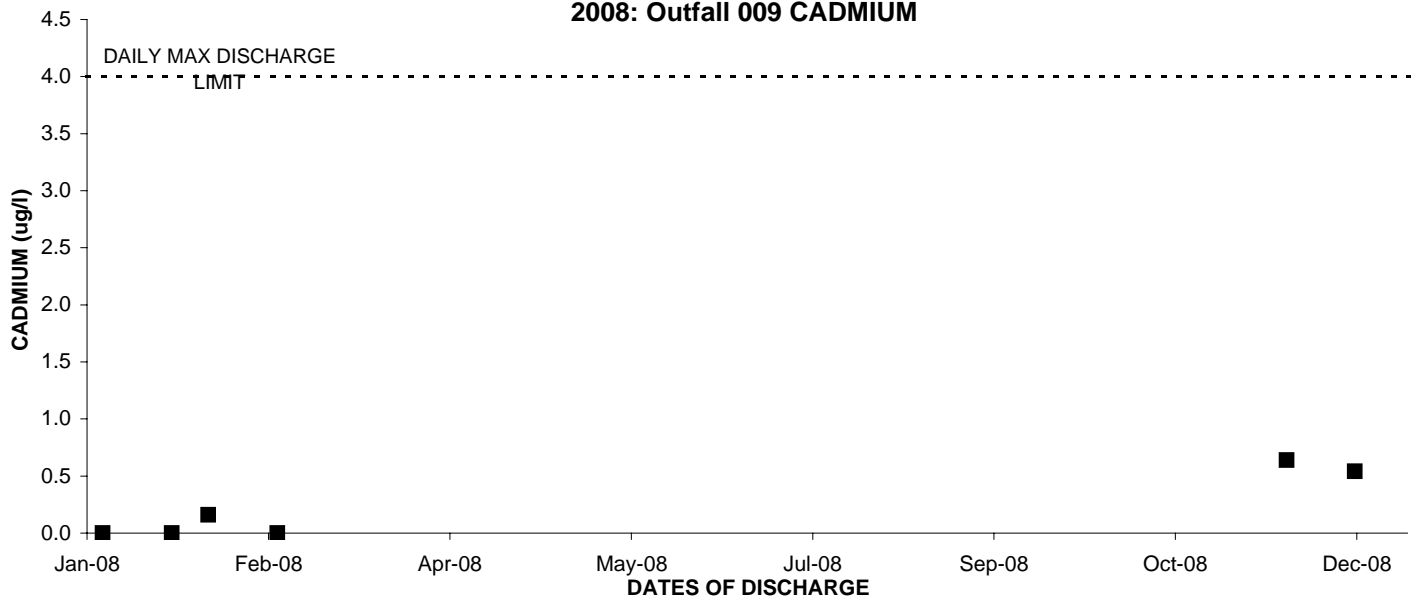
### 2008: Outfall 009 ANTIMONY



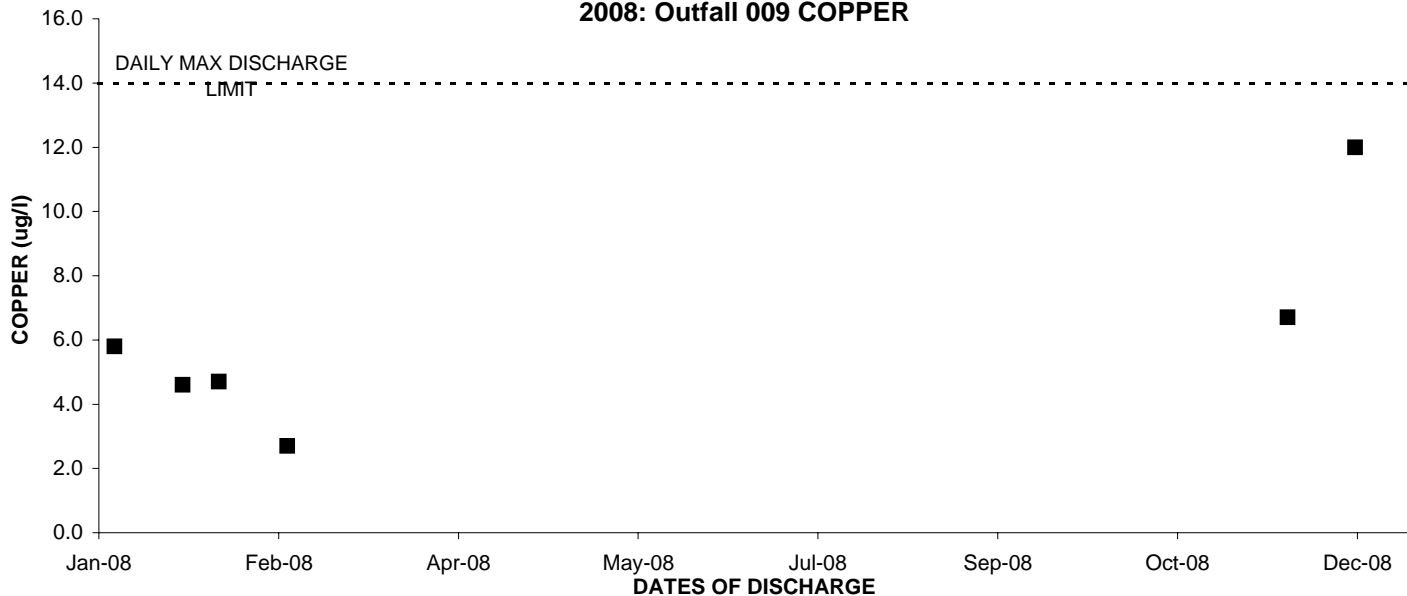
### 2008: Outfall 009 BORON



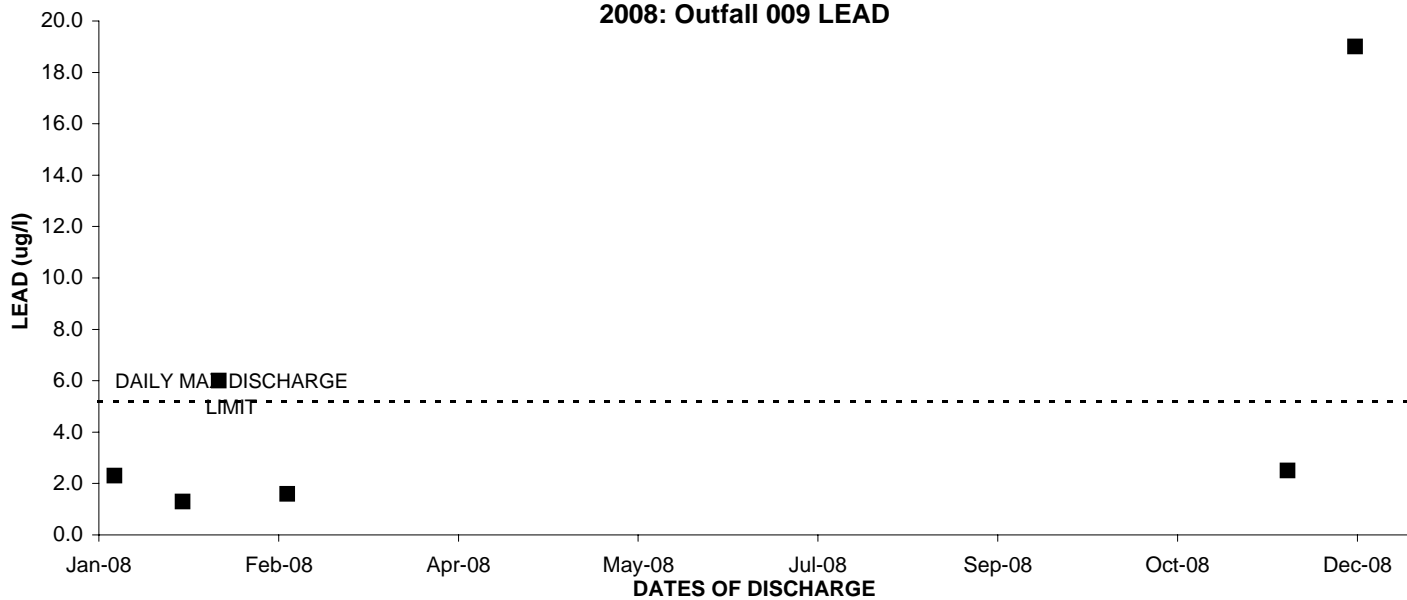
### 2008: Outfall 009 CADMIUM



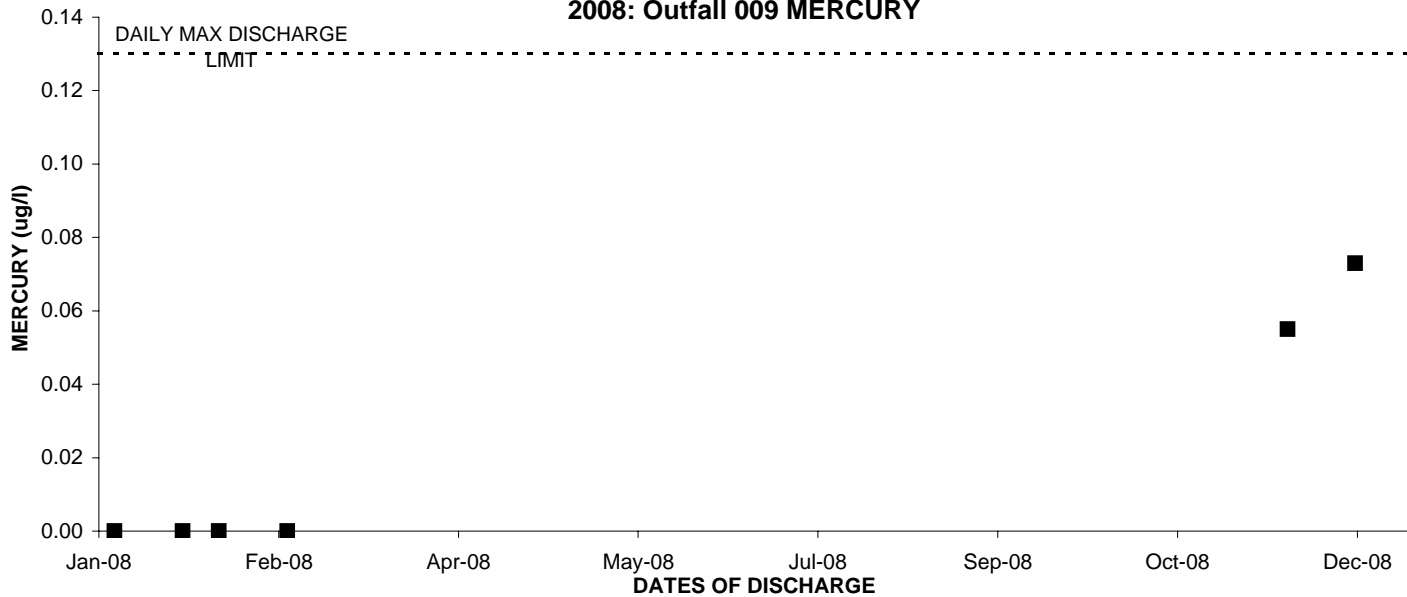
### 2008: Outfall 009 COPPER



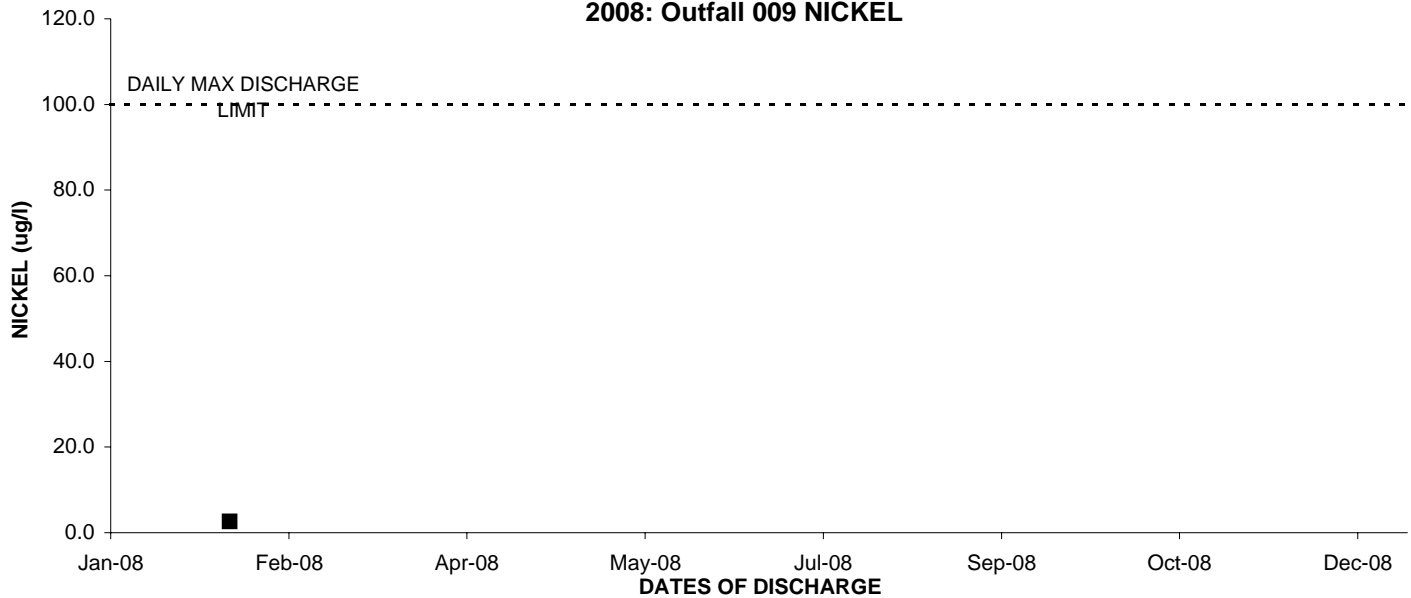
### 2008: Outfall 009 LEAD



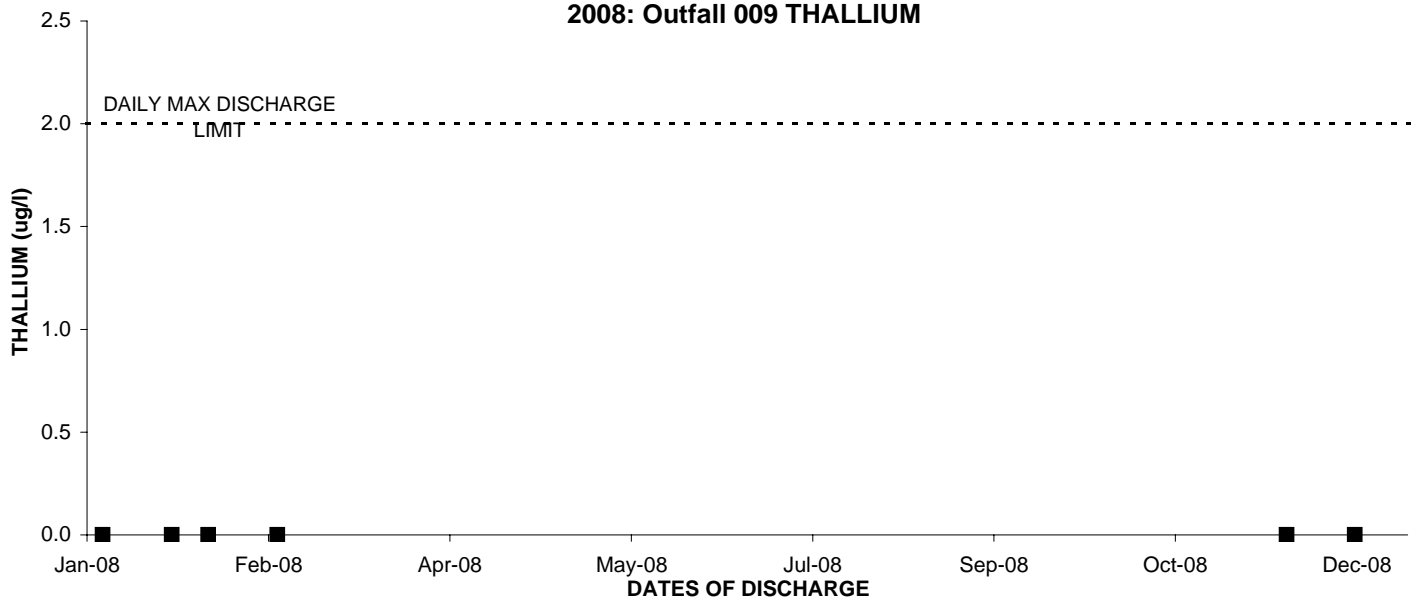
### 2008: Outfall 009 MERCURY



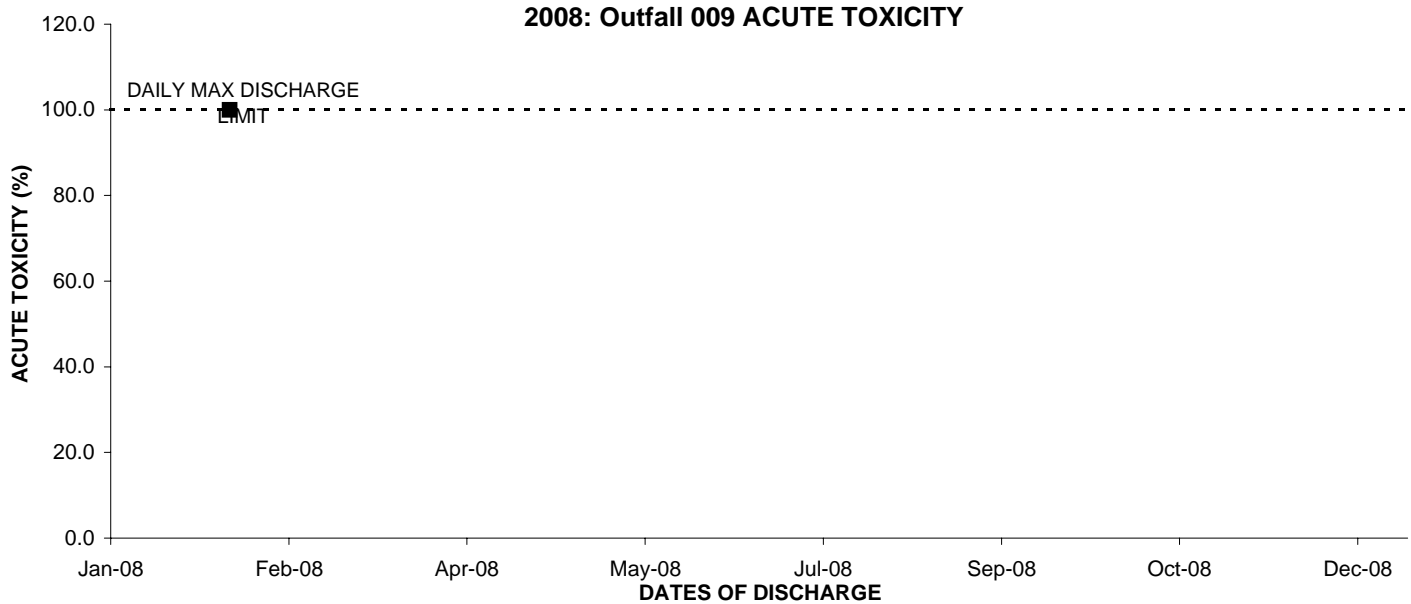
### 2008: Outfall 009 NICKEL



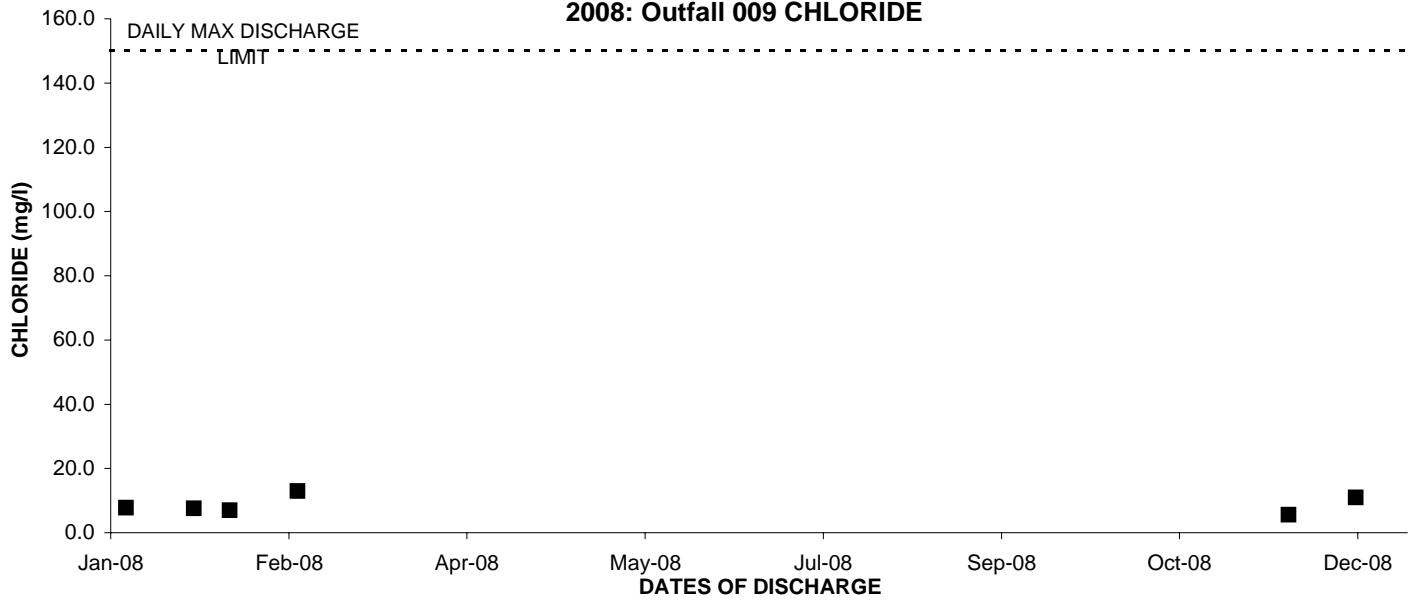
### 2008: Outfall 009 THALLIUM



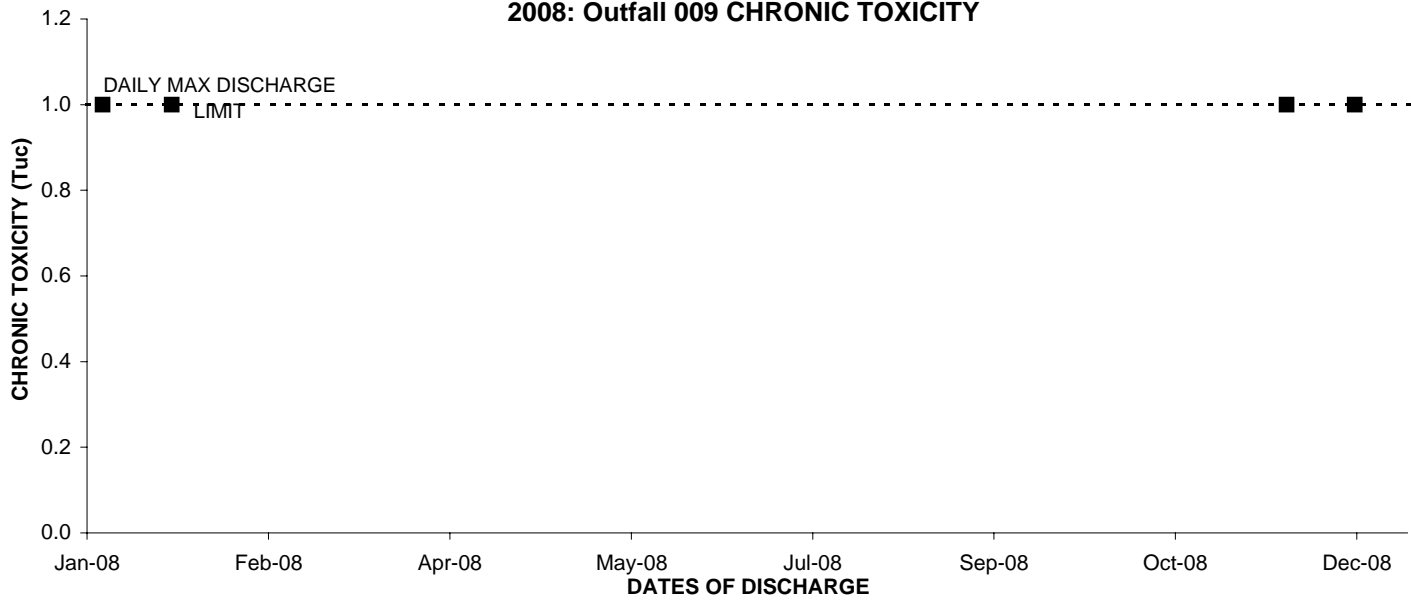
### 2008: Outfall 009 ACUTE TOXICITY



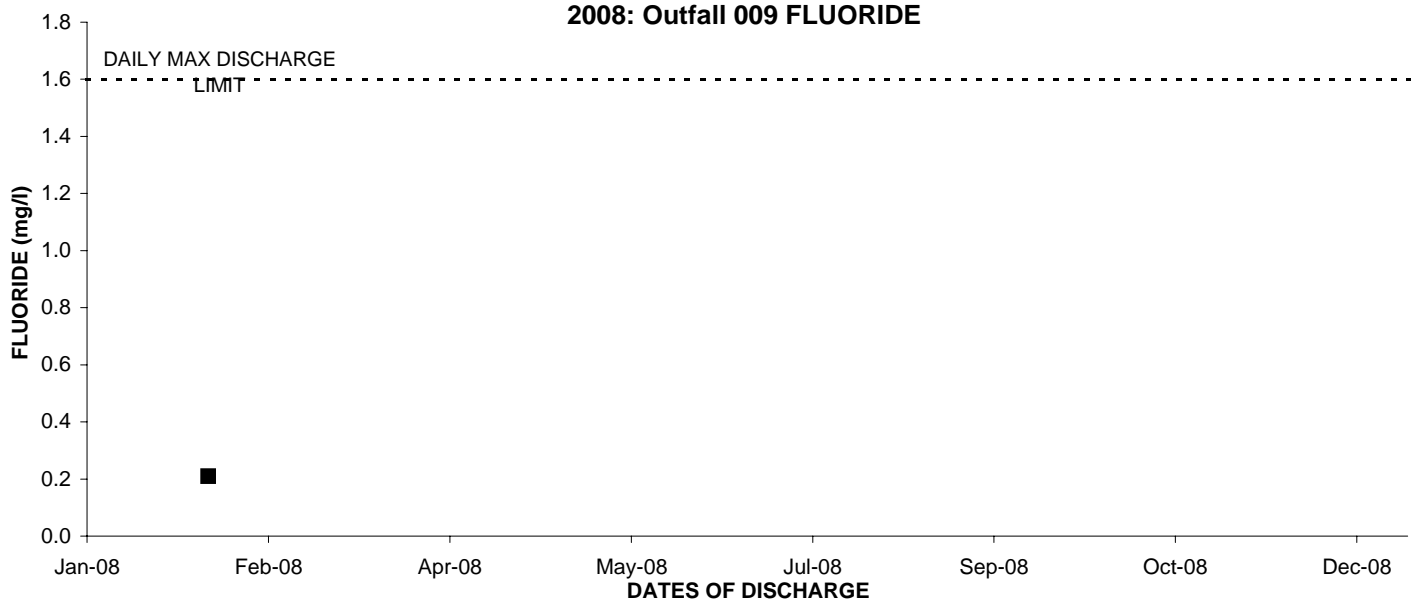
### 2008: Outfall 009 CHLORIDE



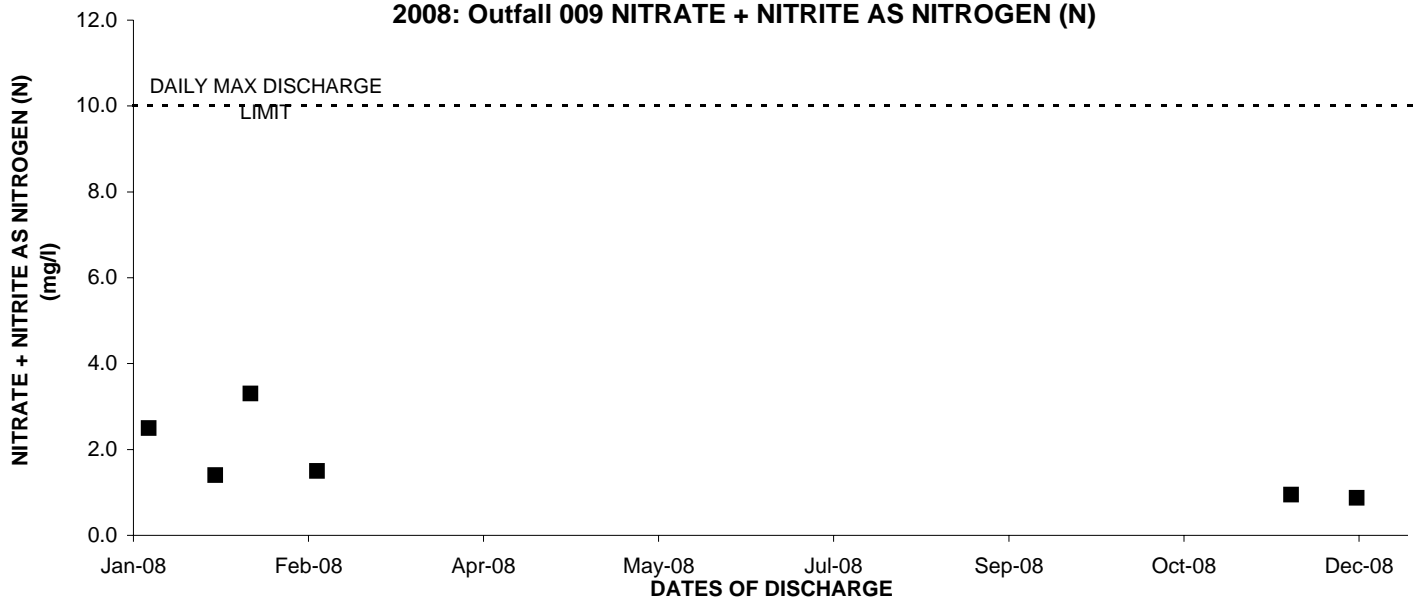
### 2008: Outfall 009 CHRONIC TOXICITY



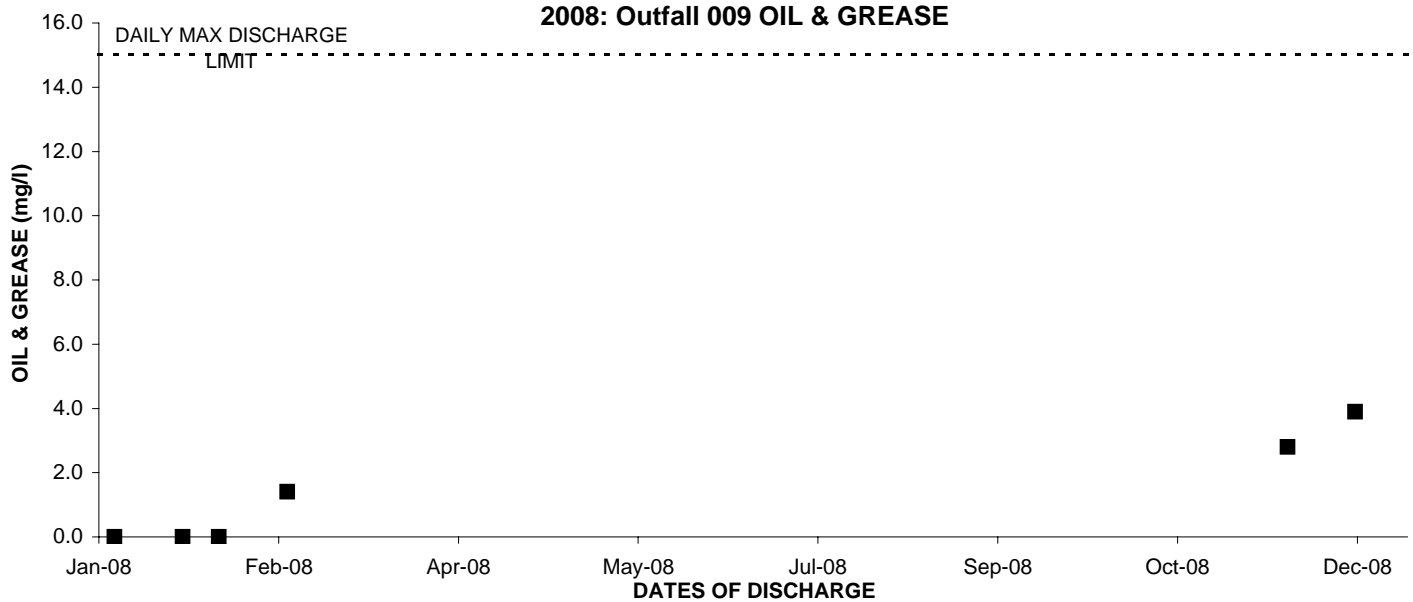
### 2008: Outfall 009 FLUORIDE



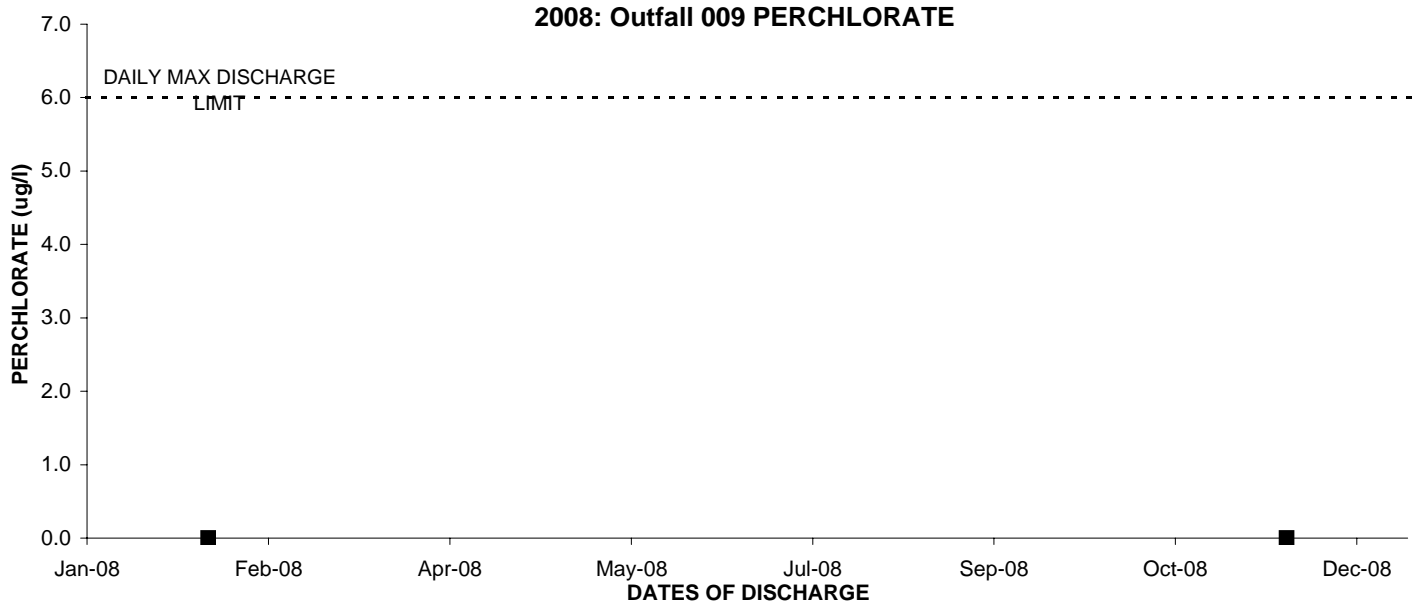
**2008: Outfall 009 NITRATE + NITRITE AS NITROGEN (N)**



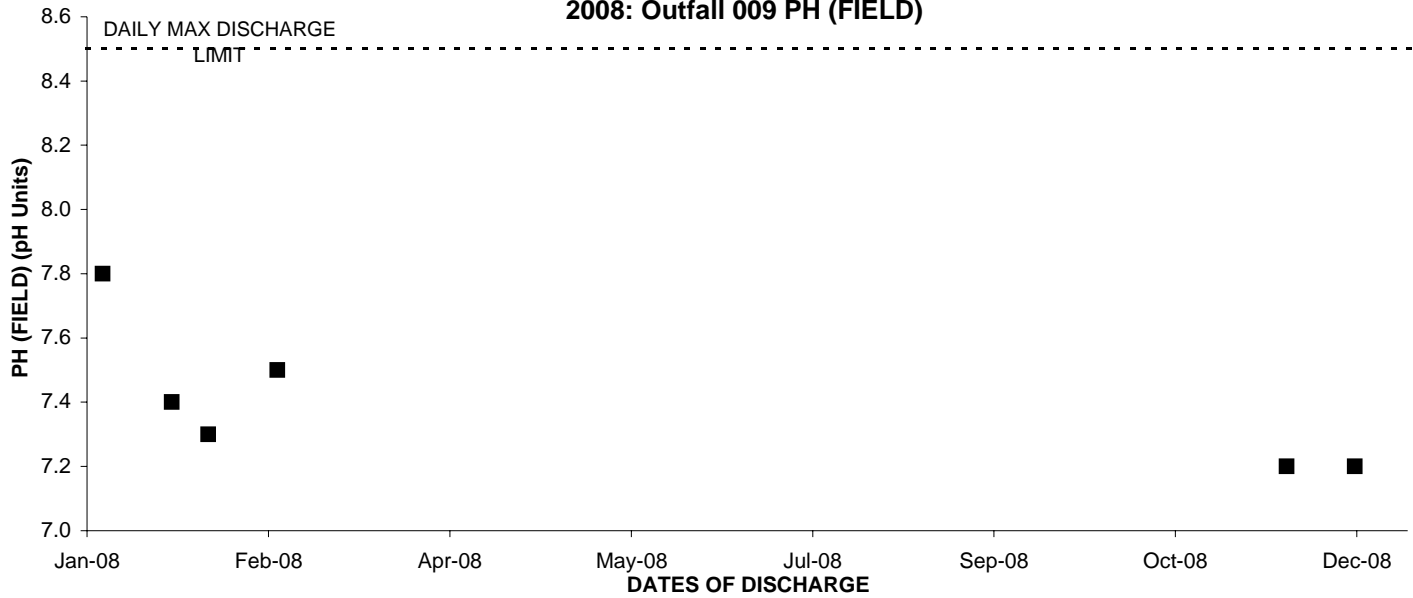
**2008: Outfall 009 OIL & GREASE**



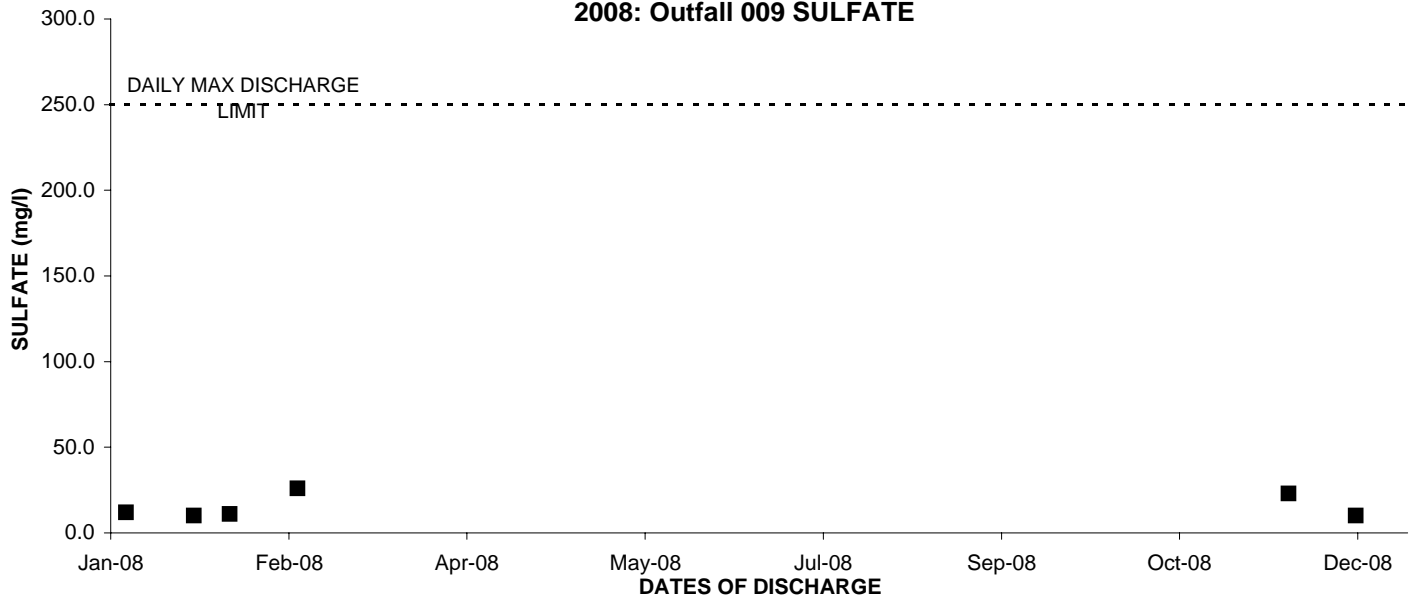
**2008: Outfall 009 PERCHLORATE**



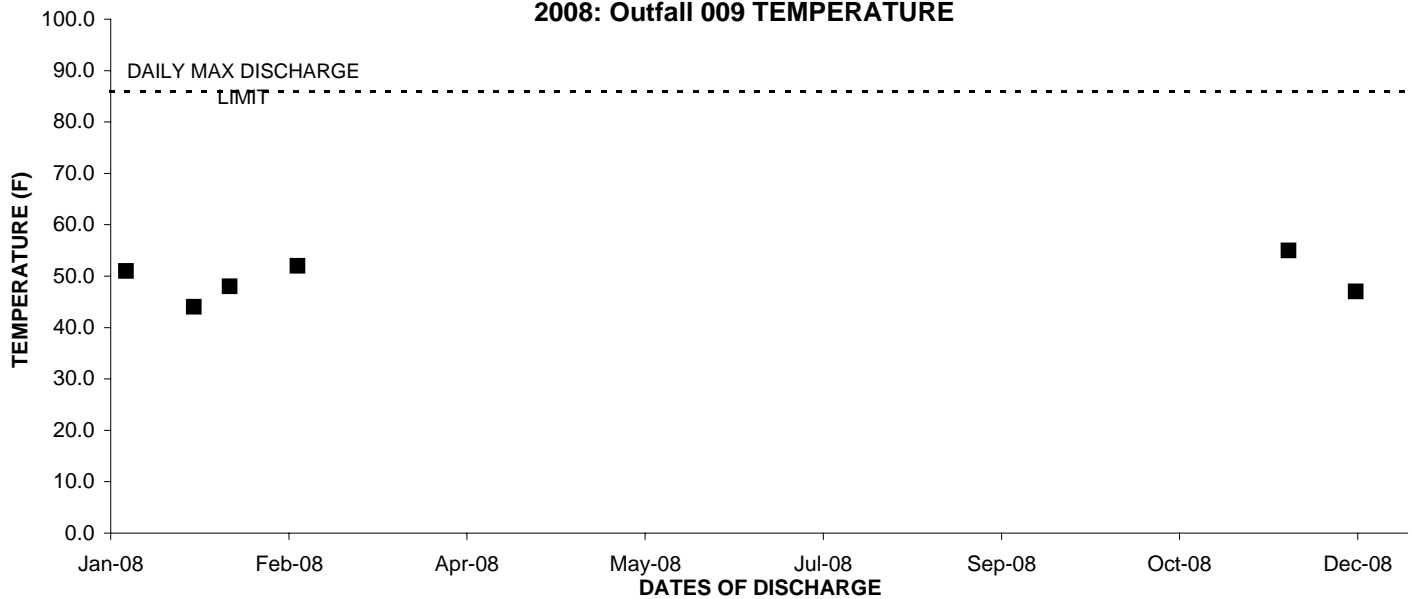
### 2008: Outfall 009 PH (FIELD)



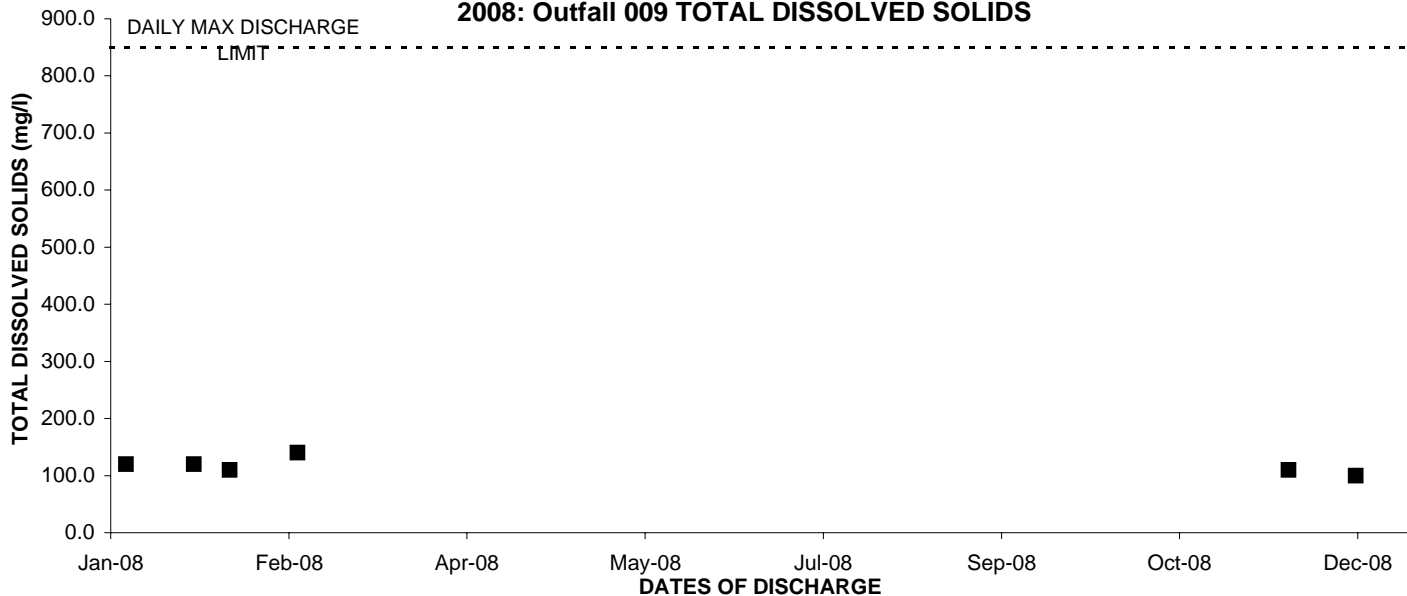
### 2008: Outfall 009 SULFATE



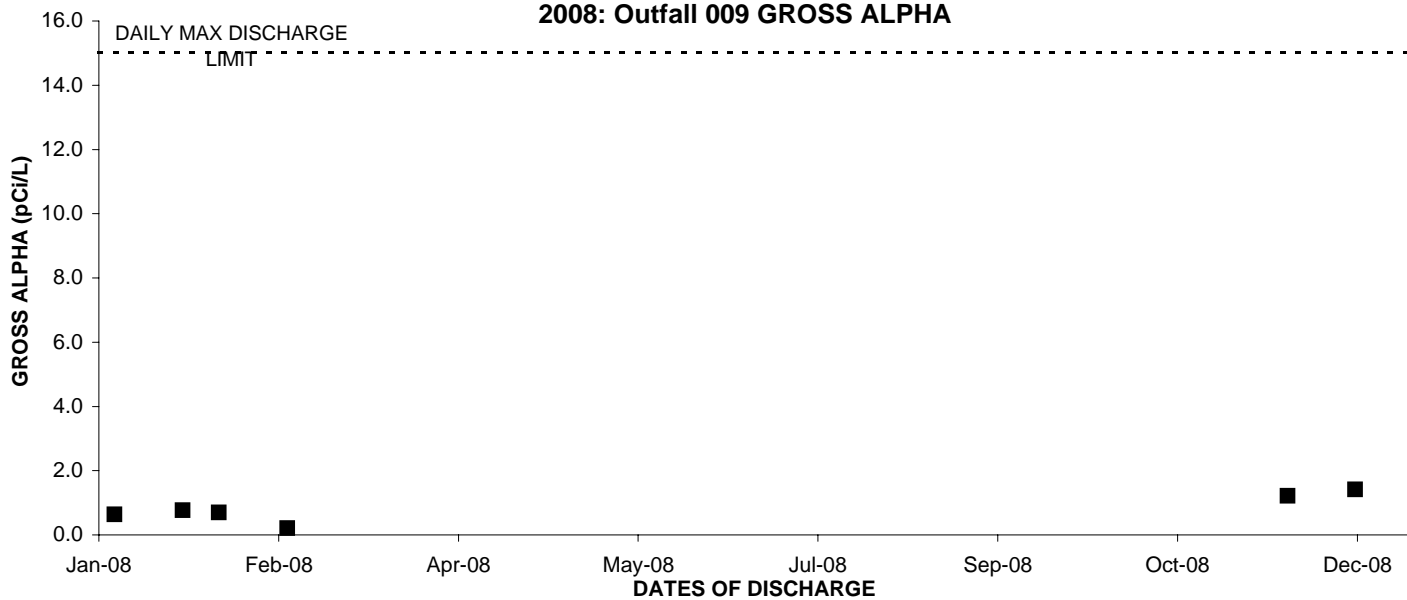
### 2008: Outfall 009 TEMPERATURE



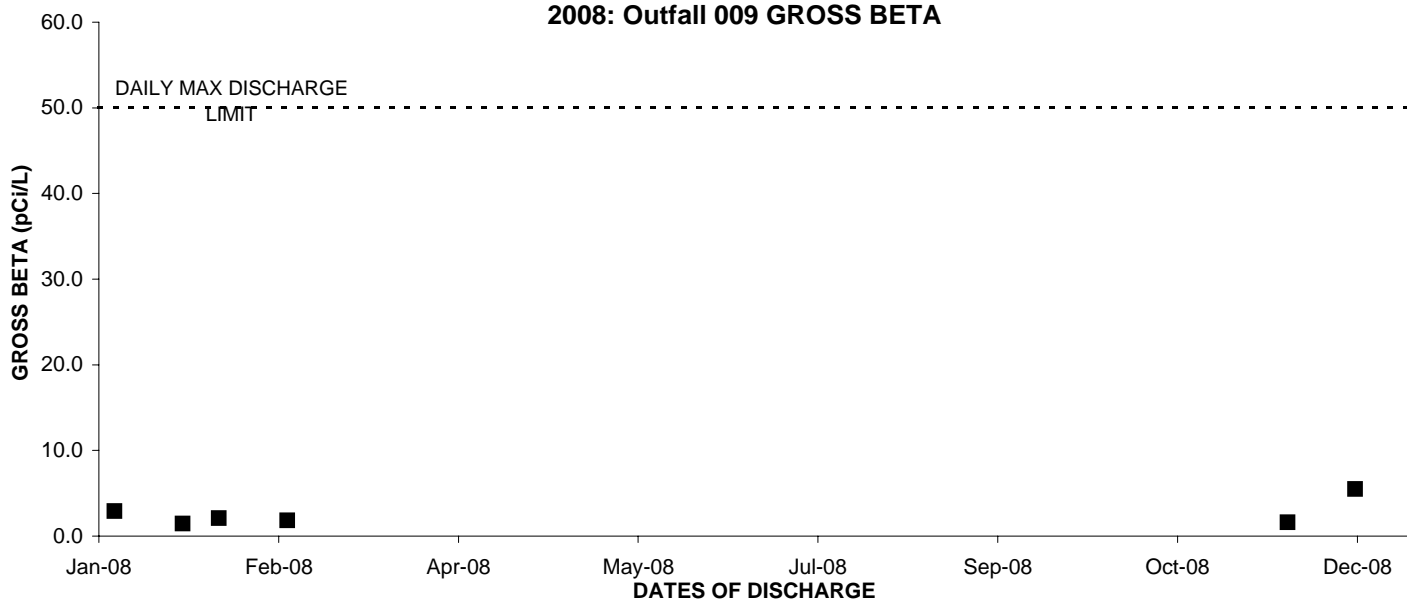
2008: Outfall 009 TOTAL DISSOLVED SOLIDS



2008: Outfall 009 GROSS ALPHA

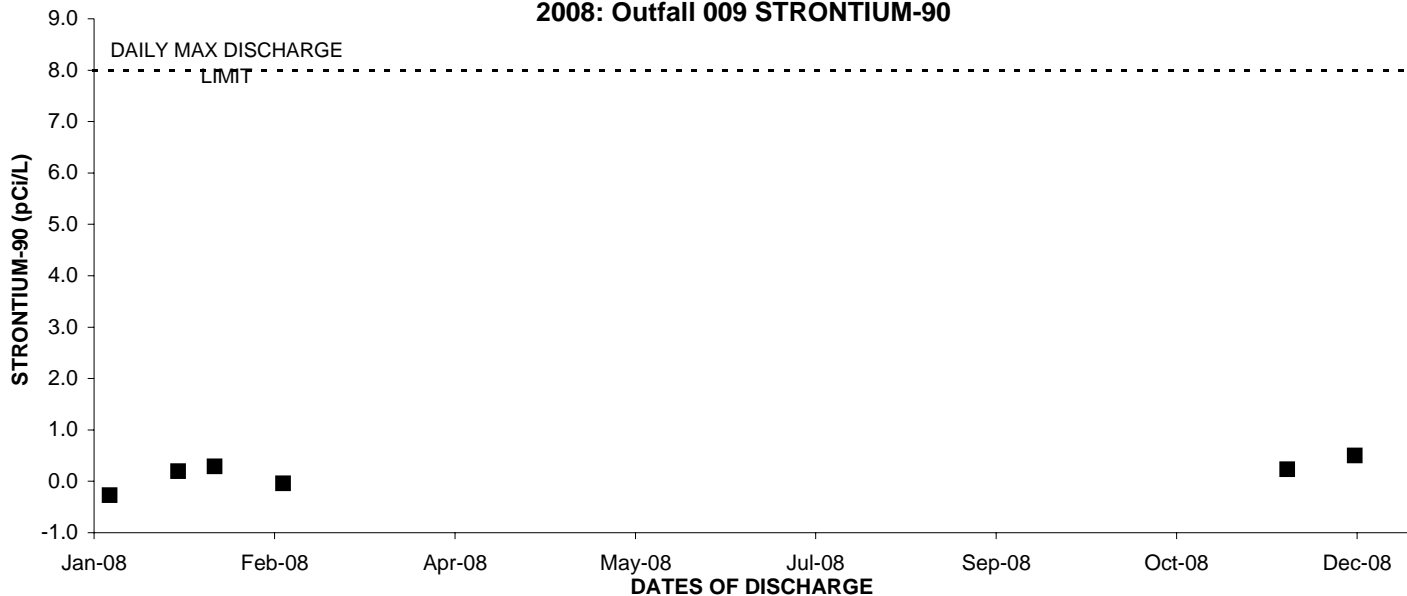


2008: Outfall 009 GROSS BETA

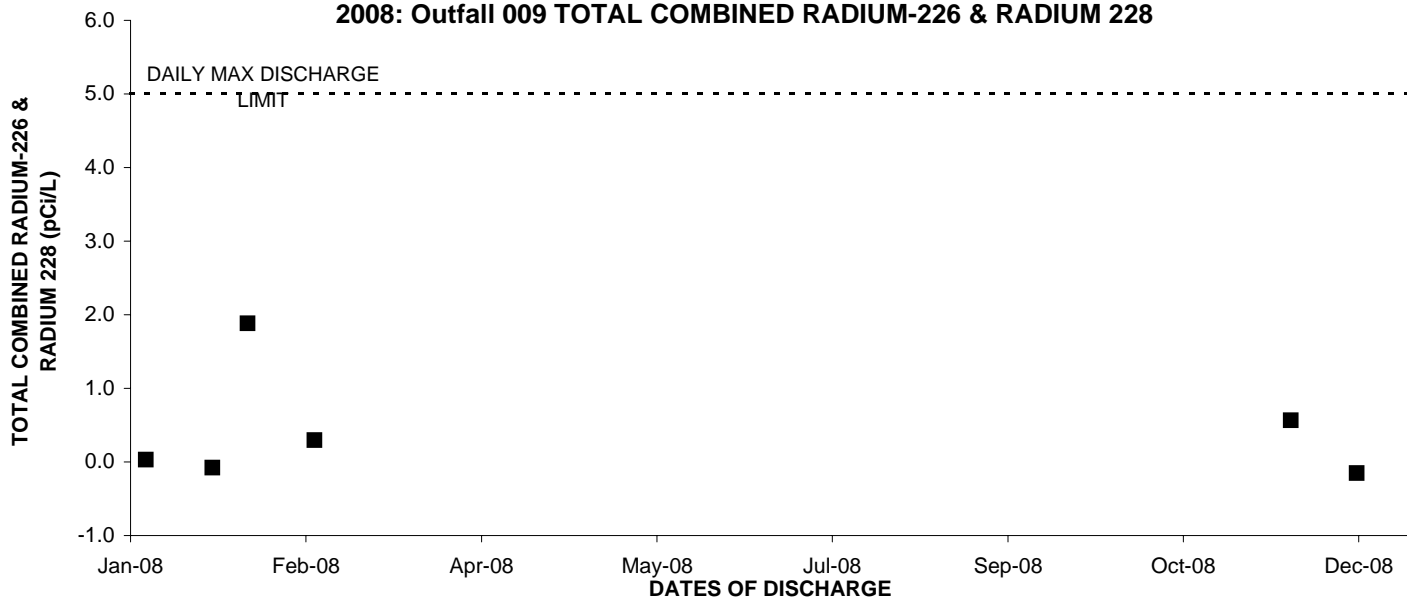




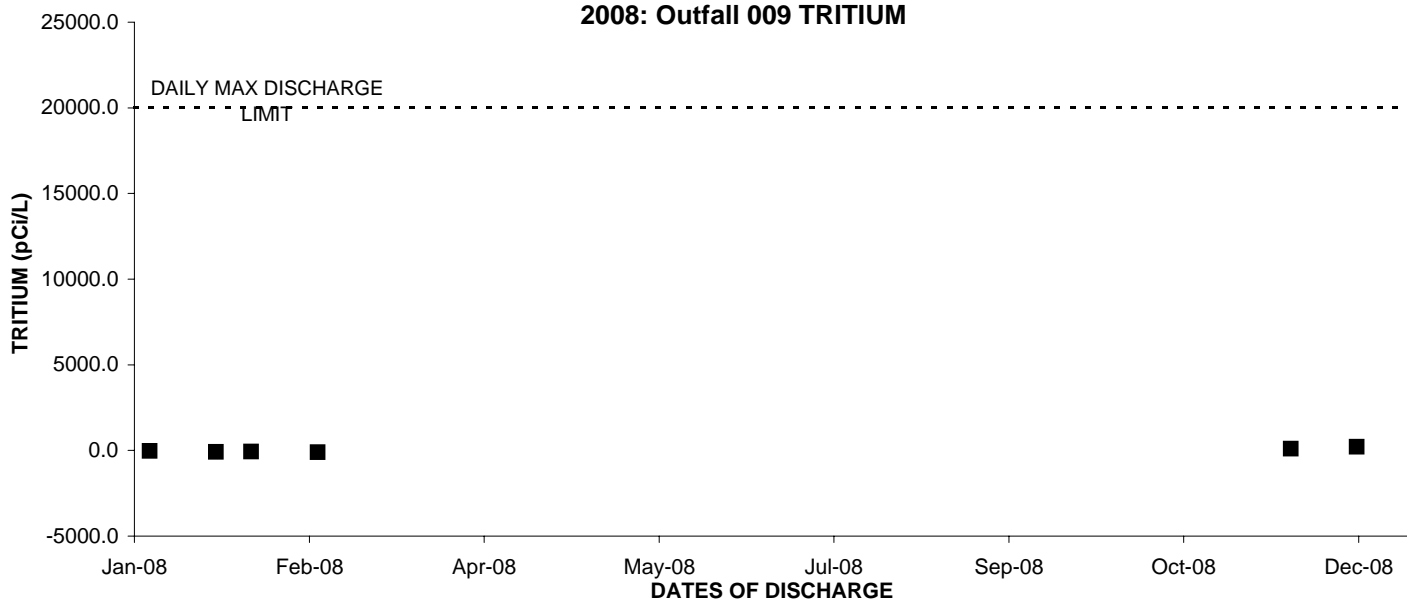
2008: Outfall 009 STRONTIUM-90



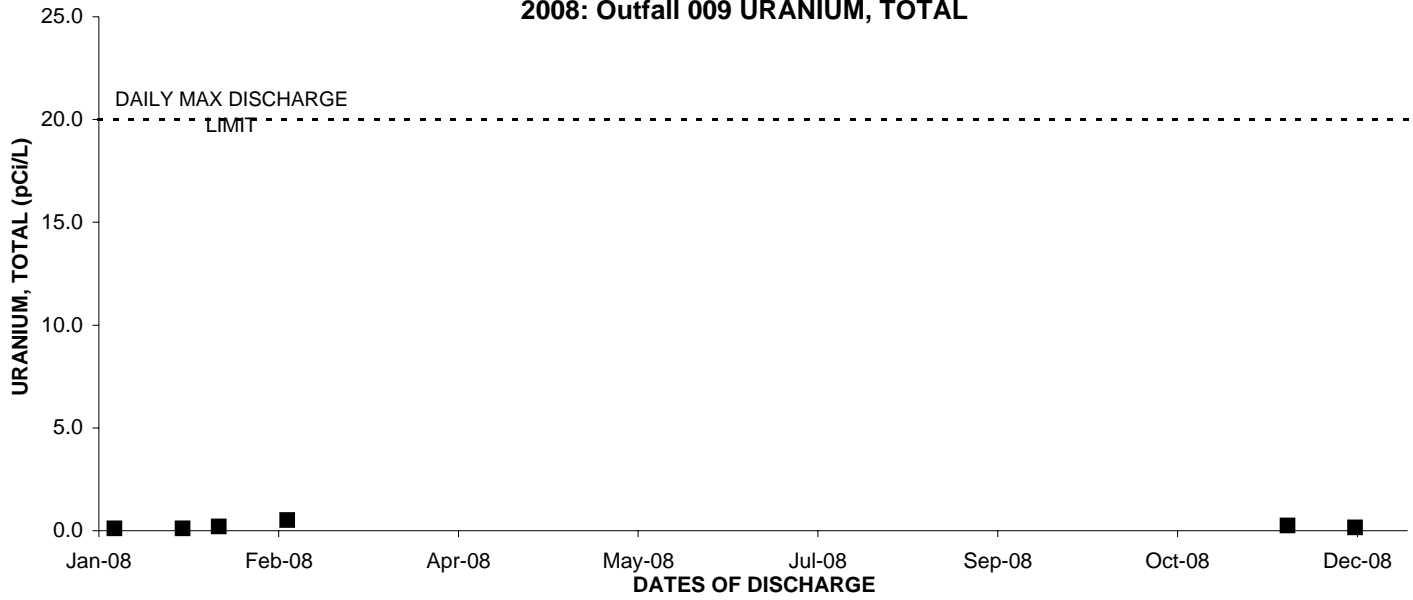
2008: Outfall 009 TOTAL COMBINED RADIUM-226 & RADIUM 228



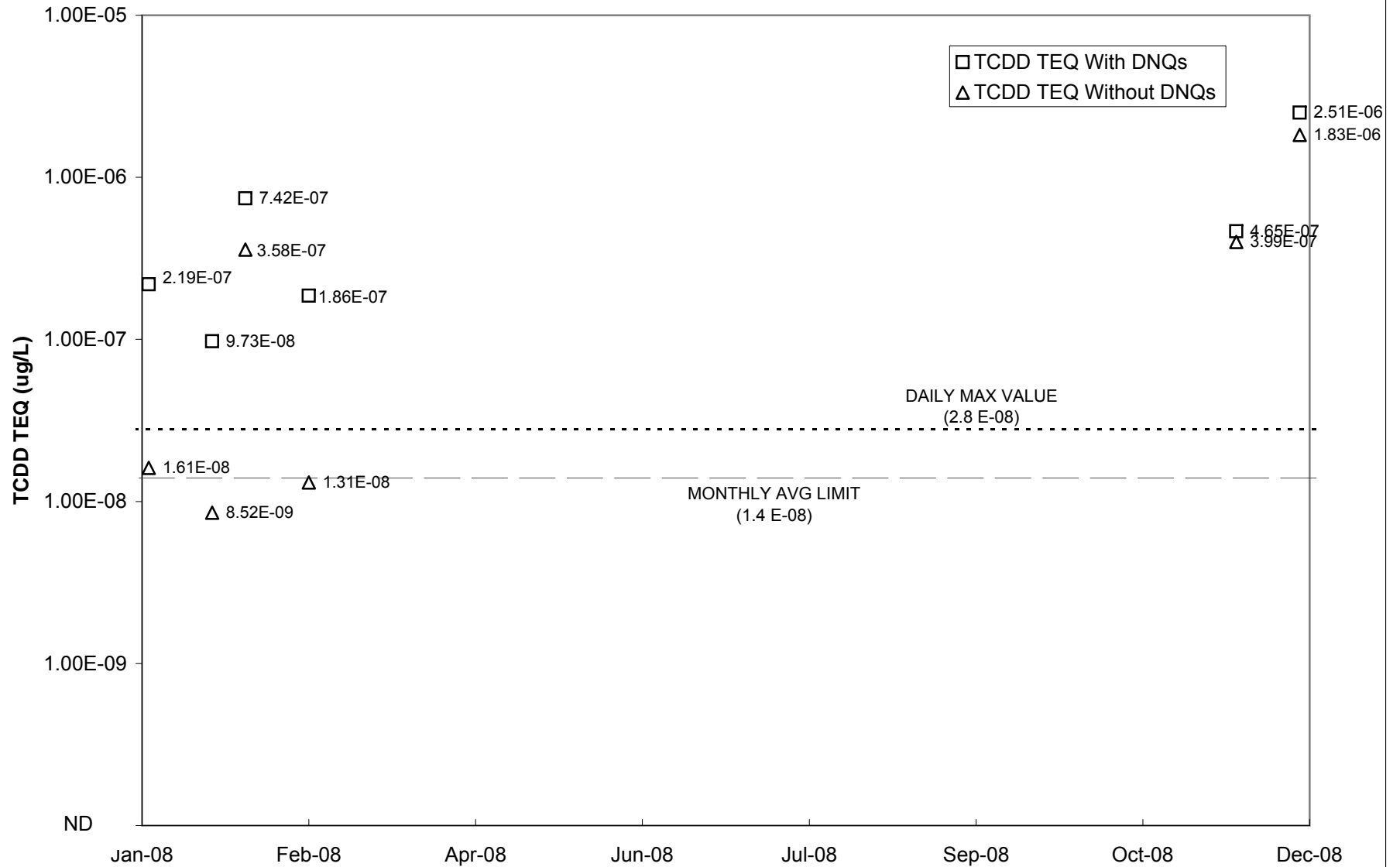
2008: Outfall 009 TRITIUM



2008: Outfall 009 URANIUM, TOTAL



### 2008: Outfall 009 TCDD



Note: Only TCDD TEQ Without DNQs (  $\Delta$  ) 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.