OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	36	M2*	12	*
Fluoride	mg/L	1.6/-	ANR	ANR	0.27	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	5.8	*	4.6	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	6.9	*	7.4	*
Sulfate	mg/L	250/-	51	M2*	8.6	*
Temperature	deg. F	86/-	57	*	53	*
Total Cyanide	ug/L	-/-	ANR	ANR	9.6	--
Total Dissolved Solids	mg/L	850/-	260	*	140	*
Hardness	mg/L	-/-	ANR	ANR	22	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	20	--
Total Suspended Solids	mg/L	-/-	ANR	ANR	ND < 1.0	*
Volume Discharged	MGD	17.8/-	0.000815	*	0.03235	*
METALS						
Aluminum	ug/L	-/-	ANR	ANR	920	J (Q)
Aluminum, dissolved	ug/L	-/-	ANR	ANR	160	J (Q)
Antimony	ug/L	6.0/-	0.46	J* (DNQ)	0.58	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.30	J* (DNQ)	0.41	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ND < 10	U (B)
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	U
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	U
Boron	mg/L	1.0/-	ANR	ANR	0.064	--
Boron, dissolved	mg/L	-/-	ANR	ANR	0.054	--
Cadmium	ug/L	4.0/-	0.18	J * (DNQ)	ND < 0.11	*
Cadmium, dissolved	ug/L	-/-	0.16	J * (DNQ)	ND < 0.11	*
Calcium	mg/L	-/-	ANR	ANR	6.5	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	6.0	--
Chromium	ug/L	-/-	ANR	ANR	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Copper	ug/L	14.0/-	2.4	*	2.1	*
Copper, dissolved	ug/L	-/-	1.6	J * (DNQ)	1.0	J* (DNQ)
Iron	mg/L	-/-	ANR	ANR	0.80	--
Iron, dissolved	mg/L	-/-	ANR	ANR	0.11	--
Lead	ug/L	5.2/-	0.77	J * (DNQ)	0.74	J* (DNQ)
Lead, dissolved	ug/L	-/-	ND < 0.30	*	ND < 0.30	*
Magnesium	mg/L	-/-	ANR	ANR	1.4	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	1.2	--
Mercury	ug/L	0.13/-	0.05	J (DNQ)	ND < 0.2	U (B)
Mercury, dissolved	ug/L	-/-		U	ND < 0.2	U (B)
Nickel	ug/L	100/-	ANR	ANR	2.2	J (DNQ)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	U
Silver	ug/L	-/-	ANR	ANR	ND < 6.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	U
Thallium	ug/L	2.0/-	0.31	J * (DNQ)	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	ND < 0.20	*	ND < 0.20	C*

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, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Vanadium	ug/L	-/-	ANR	ANR	ND < 3.0	U
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	ND < 6.0	U
Zinc, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	U
ORGANICS						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 0.50	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.40	*
ADDITIONAL ANALYTES						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,3-Dichlorobenzene EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,3-Dichlorobenzene EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ANR	ANR	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.2	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 7.5	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 3.8	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 7.1	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.0019	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.0028	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.0038	*

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.8	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 2.4	*
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.4	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 5.2	*
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.0	*
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 0.70	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.0014	*
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ND < 3.3	*
Anthracene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.24	U
Benzidine	ug/L	-/-	ANR	ANR	ND < 9.4	*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 9.4	*
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 3.3	*
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.4	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.038	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ND < 0.10	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.4	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	L*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Diazinon	ug/L	-/-	ANR	ANR	ND < 0.24	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 3.8	*

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January 1 through December 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.4	*
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 4.7	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 3.3	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.8	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.8	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.3	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.8	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.8	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

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January 1 through December 31, 2009

			2/13/2009		10/14/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	8.8	*	29	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	2.5	*	13	--
Oil & Grease	mg/L	15/-	2.5	J* (DNQ)	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	6.9	*	6.2	*
Sulfate	mg/L	250/-	6.8	*	25	*
Temperature	deg. F	86/-	50	*	64	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	160	*	230	*
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/-	0.004855	*	0.00448	*
METALS						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.27	J* (DNQ)	0.36	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.56	J* (DNQ)	0.41	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/-	0.12	J* (DNQ)	0.21	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*	0.12	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/-	7.6	*	2.8	*
Copper, dissolved	ug/L	-/-	1.3	J* (DNQ)	2.0	B*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	2.4	*	1.4	*
Lead, dissolved	ug/L	-/-	ND < 0.30	*	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.027	U	ND < 0.2	UJ (B,Q,*III)
Mercury, dissolved	ug/L	-/-	ND < 0.027	U	ND < 0.027	UJ (Q)
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
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	C*	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	ND < 0.20	*	ND < 0.20	*

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January 1 through December 31, 2009

			2/13/2009		10/14/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
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 (EPA 624)	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (EPA 625)	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 EPA 625)	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene EPA 624)	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (EPA 624)	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
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

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

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through December 31, 2009

			2/13/2009		10/14/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
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
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/-	ANR	ANR	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
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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January 1 through December 31, 2009

			2/13/2009		10/14/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**	**RESULT**	**VALIDATION QUALIFIER**
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
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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ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Chloride	mg/L	150/-	15	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	6.7	*
Oil & Grease	mg/L	15/-	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.4	*
Sulfate	mg/L	250/-	16	*
Temperature	deg. F	86/-	53	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	180	*
Hardness	mg/L	-/-	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	0.01024	*
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.31	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.47	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/-	0.12	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.10	*
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/-	3.5	*
Copper, dissolved	ug/L	-/-	2.5	*
Iron	mg/L	-/-	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	2.7	*
Lead, dissolved	ug/L	-/-	ND < 0.20	*
Magnesium	mg/L	-/-	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	0.12	J (DNQ)
Nickel	ug/L	100/-	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	0.53	J* (DNQ)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
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ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
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 (EPA 624)	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene EPA 625)	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene EPA 624)	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene (EPA 624)	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
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

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ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
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,I)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
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
delta-BHC	ug/L	-/-	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR

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			12/11/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
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
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

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date January 24, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	3.09E-06	J (DNQ)		0.01	**ND**
1,2,3,4,6,7,8-HpCDF	7.17E-07	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8,9-HpCDF	7.71E-07	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8-HxCDD	7.91E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,4,7,8-HxCDF	3.84E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDD	8.24E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDF	4.23E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDD	7.54E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDF	6.11E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8-PeCDD	3.50E-07	2.50E-05	ND	U		1	**ND**
1,2,3,7,8-PeCDF	2.61E-07	2.50E-05	ND	U		0.05	**ND**
2,3,4,6,7,8-HxCDF	5.14E-07	2.50E-05	ND	U		0.1	**ND**
2,3,4,7,8-PeCDF	2.82E-07	2.50E-05	ND	U		0.5	**ND**
2,3,7,8-TCDD	1.98E-07	5.00E-06	ND	U		1	**ND**
2,3,7,8-TCDF	2.24E-07	5.00E-06	ND	U		0.1	**ND**
OCDD	0.00E+00	5.00E-05	ND	U (B)		0.0001	**ND**
OCDF	7.07E-07	5.00E-05	ND	U		0.0001	**ND**

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 6, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	2.27E-06	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,6,7,8-HpCDF	1.18E-06	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8,9-HpCDF	1.38E-06	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8-HxCDD	1.37E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,4,7,8-HxCDF	6.98E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDD	1.43E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDF	6.85E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDD	1.35E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDF	1.16E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8-PeCDD	1.23E-06	2.50E-05	ND	U		1	**ND**
1,2,3,7,8-PeCDF	5.06E-07	2.50E-05	ND	U		0.05	**ND**
2,3,4,6,7,8-HxCDF	6.31E-07	2.50E-05	ND	U		0.1	**ND**
2,3,4,7,8-PeCDF	4.96E-07	2.50E-05	ND	U		0.5	**ND**
2,3,7,8-TCDD	4.36E-07	5.00E-06	ND	U		1	**ND**
2,3,7,8-TCDF	4.92E-07	5.00E-06	ND	U		0.1	**ND**
OCDD	0.00E+00	5.00E-05	2.10E-05	J (DNQ)		0.0001	**ND**
OCDF	1.33E-06	5.00E-05	ND	U		0.0001	**ND**

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date February 13, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	8.75E-06	J (DNQ)		0.01	**ND**
1,2,3,4,6,7,8-HpCDF	2.88E-06	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8,9-HpCDF	9.57E-07	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8-HxCDD	3.00E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,4,7,8-HxCDF	7.56E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDD	2.98E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDF	7.81E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDD	2.77E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDF	1.07E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8-PeCDD	9.83E-07	2.50E-05	ND	U		1	**ND**
1,2,3,7,8-PeCDF	1.23E-06	2.50E-05	ND	U		0.05	**ND**
2,3,4,6,7,8-HxCDF	8.42E-07	2.50E-05	ND	U		0.1	**ND**
2,3,4,7,8-PeCDF	1.38E-06	2.50E-05	ND	U		0.5	**ND**
2,3,7,8-TCDD	6.66E-07	5.00E-06	ND	U		1	**ND**
2,3,7,8-TCDF	1.25E-06	5.00E-06	ND	U		0.1	**ND**
OCDD	0.00E+00	5.00E-05	1.02E-04	--		0.0001	**1.02E-08**
OCDF	8.21E-06	5.00E-05	ND	U		0.0001	**ND**

TCDD TEQ w/out DNQ Values	**1.02E-08**

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date October 14, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.65E-06	ND	UJ (*III)		0.01	**ND**
1,2,3,4,6,7,8-HpCDF	4.00E-07	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8,9-HpCDF	5.02E-07	2.50E-05	ND	U		0.01	**ND**
1,2,3,4,7,8-HxCDD	1.28E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,4,7,8-HxCDF	2.80E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDD	1.40E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDF	2.85E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDD	1.27E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDF	4.05E-07	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8-PeCDD	7.46E-07	2.50E-05	ND	U		1	**ND**
1,2,3,7,8-PeCDF	8.80E-07	2.50E-05	ND	U		0.05	**ND**
2,3,4,6,7,8-HxCDF	3.36E-07	2.50E-05	ND	U		0.1	**ND**
2,3,4,7,8-PeCDF	8.32E-07	2.50E-05	ND	U		0.5	**ND**
2,3,7,8-TCDD	8.16E-07	5.00E-06	ND	U		1	**ND**
2,3,7,8-TCDF	4.13E-07	5.00E-06	ND	U		0.1	**ND**
OCDD	0.00E+00	5.00E-05	3.26E-05	J (DNQ)		0.0001	**ND**
OCDF	1.74E-06	5.00E-05	ND	U		0.0001	**ND**

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Date December 11, 2009

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	5.40E-06	4.90E-05	ND	U (B)		0.01	**ND**
1,2,3,4,6,7,8-HpCDF	3.50E-06	4.90E-05	ND	U (B)		0.01	**ND**
1,2,3,4,7,8,9-HpCDF	5.50E-06	4.90E-05	ND	U		0.01	**ND**
1,2,3,4,7,8-HxCDD	1.00E-06	4.90E-05	ND	U (B)		0.1	**ND**
1,2,3,4,7,8-HxCDF	6.70E-07	4.90E-05	ND	U (B)		0.1	**ND**
1,2,3,6,7,8-HxCDD	9.00E-07	4.90E-05	ND	U (B)		0.1	**ND**
1,2,3,6,7,8-HxCDF	6.40E-07	4.90E-05	ND	U (B)		0.1	**ND**
1,2,3,7,8,9-HxCDD	8.60E-07	4.90E-05	ND	U (B)		0.1	**ND**
1,2,3,7,8,9-HxCDF	8.20E-07	4.90E-05	ND	U (B)		0.1	**ND**
1,2,3,7,8-PeCDD	1.50E-06	4.90E-05	ND	U (B)		1	**ND**
1,2,3,7,8-PeCDF	1.10E-06	4.90E-05	ND	U (B)		0.05	**ND**
2,3,4,6,7,8-HxCDF	6.00E-07	4.90E-05	ND	U (B)		0.1	**ND**
2,3,4,7,8-PeCDF	1.20E-06	4.90E-05	ND	U		0.5	**ND**
2,3,7,8-TCDD	1.10E-06	9.80E-06	ND	U		1	**ND**
2,3,7,8-TCDF	3.60E-06	9.80E-06	ND	U		0.1	**ND**
OCDD	1.60E-06	9.80E-05	ND	U (B)		0.0001	**ND**
OCDF	2.00E-06	9.80E-05	ND	U (B)		0.0001	**ND**

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

TCDD TEQ PERMIT LIMIT = 2.80E-08

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

			1/24/2009			2/6/2009			2/13/2009		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**
RADIOACTIVITY											
Gross Alpha	pCi/L	15/-	0.3 ± 1.0	1.9	UJ (C,H)	1.3 ± 1.0	1.5	UJ (C,H)	2.7 ± 1.2	1.2	J (H,DNQ,C)
Gross Beta	pCi/L	50/-	6.6 ± 1.1	0.9	J (H)	3.01 ± 0.90	1.1	J (H,DNQ)	4.3 ± 1.0	1.1	J (H)
Strontium-90	pCi/L	8.0/-	-0.12 ± 0.37	0.65	U	0.77 ± 0.53	0.82	U	0.04 ± 0.50	0.86	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.32 ± 0.33	0.75	U	0.32 ± 0.40	0.88	U	-0.13 ± 0.37	0.85	U
Tritium	pCi/L	20000/-	30 ± 170	290	U	-120 ± 180	340	U	220 ± 200	310	U
Uranium, Total	pCi/L	20/-	0.235 ± 0.028	0.21	J (H,DNQ)	0.13 ± 0.014	0.21	U	0.435 ± 0.051	0.21	J (H,DNQ)
Potassium-40	pCi/L	-/-	-90 ± 3700	300	UJ (H)	-50 ± 230	250	U	-60 ± 680	250	UJ (H)
Cesium 137	pCi/L	200/-	0.2 ± 7.7	14	UJ (H)	-0.4 ± 6.5	13	U	-0.9 ± 7.9	15	UJ (H)

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

			10/14/2009			12/11/2009		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	1.26 ± 0.92	1.3	UJ (H,C)	1.18 ± 0.79	1	J (H,C,DNQ)
Gross Beta	pCi/L	50/-	6.2 ± 1.3	1.6	J (H)	4.7 ± 1.2	1.5	J (H)
Strontium-90	pCi/L	8.0/-	0.2 ± 0.24	0.39	U	0.76 ± 0.37	0.55	J (H,DNQ)
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.294 ± 0.364	0.780	U	0.21 ± 0.66	1.19	UJ
Tritium	pCi/L	20000/-	-83 ± 90	190	U	34 ± 88	160	U
Uranium, Total	pCi/L	20/-	0.324 ± 0.036	0.21	J (DNQ)	0.479 ± 0.055	0.21	R (B,H)
Potassium-40	pCi/L	-/-	0 ± 140	260	UJ (H)	-50 ± 340	300	U
Cesium 137	pCi/L	200/-	0.07 ± 5.9	12	UJ (H)	0.05 ± 9.0	17	U

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

			1/24/2009		2/6/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Chloride	LBS/DAY	22,268/-	0.24	M2*	3.24	*
Fluoride	LBS/DAY	238/-	ANR	ANR	0.07	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.04	*	1.24	*
Oil & Grease	LBS/DAY	2,227/-	ND	*	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	0.35	M2*	2.32	*
Total Dissolved Solids	LBS/DAY	126,184/-	1.77	*	37.77	*
Antimony	LBS/DAY	0.89/-	0.000003	J* (DNQ)	0.0002	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	0.02	--
Cadmium	LBS/DAY	0.59/-	0.000001	J * (DNQ)	ND	*
Copper	LBS/DAY	2.08/-	0.00002	*	0.001	*
Lead	LBS/DAY	0.77/-	0.00001	J * (DNQ)	0.0002	J* (DNQ)
Mercury	LBS/DAY	0.02/-	0.0000003	J (DNQ)	ND	U (B)
Nickel	LBS/DAY	14.9/-	ANR	ANR	0.001	J (DNQ)
Thallium	LBS/DAY	0.3/-	0.000002	J * (DNQ)	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	ND	--	ND	--

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

			2/13/2009		10/14/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Chloride	LBS/DAY	22,268/-	0.36	*	1.08	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.10	*	0.49	--
Oil & Grease	LBS/DAY	2,227/-	0.10	J* (DNQ)	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	0.28	*	0.93	*
Total Dissolved Solids	LBS/DAY	126,184/-	6.48	*	8.59	*
Antimony	LBS/DAY	0.89/-	0.00001	J* (DNQ)	0.00001	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	0.000005	J* (DNQ)	0.00001	J* (DNQ)
Copper	LBS/DAY	2.08/-	0.00031	*	0.00010	*
Lead	LBS/DAY	0.77/-	0.0001	*	0.00005	*
Mercury	LBS/DAY	0.02/-	ND	U	ND	UJ (B,Q,*III)
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	C*	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	4.13E-13	--	ND	*

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

OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

			12/11/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Chloride	LBS/DAY	22,268/-	0.64	*
Fluoride	LBS/DAY	238/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.29	*
Oil & Grease	LBS/DAY	2,227/-	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR
Sulfate	LBS/DAY	37,113/-	0.68	*
Total Dissolved Solids	LBS/DAY	126,184/-	7.69	*
Antimony	LBS/DAY	0.89/-	0.00001	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR
Cadmium	LBS/DAY	0.59/-	0.00001	J* (DNQ)
Copper	LBS/DAY	2.08/-	0.00015	*
Lead	LBS/DAY	0.77/-	0.00012	*
Mercury	LBS/DAY	0.02/-	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	ND	*

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

BMP EFFECTIVENESS
OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

SAMPLE NAME	Sample Type	SAMPLE DATE	ANALYTE	UNITS	RESULT
006 EFF-1	Grab	01/24/09	Density	g/cc	1.0*
006 EFF-1	Grab	01/24/09	Sediment	mg/L	ND <10*
006 EFF-2	Grab	01/24/09	Density	g/cc	1.0*
006 EFF-2	Grab	01/24/09	Sediment	mg/L	ND <10*
006 EFF-3	Grab	01/24/09	Density	g/cc	0.99*
006 EFF-3	Grab	01/24/09	Sediment	mg/L	ND <10*
006 EFF-4	Grab	01/24/09	Density	g/cc	1.0*
006 EFF-4	Grab	01/24/09	Sediment	mg/L	ND <10*
006 EFF-5	Grab	01/24/09	Density	g/cc	0.99*
006 EFF-5	Grab	01/24/09	Sediment	mg/L	ND <10*
006 EFF-1	Grab	02/05/09	Density	g/cc	1.0*
006 EFF-1	Grab	02/05/09	Sediment	mg/L	52*
006 EFF-2	Grab	02/05/09	Density	g/cc	1.0*
006 EFF-2	Grab	02/05/09	Sediment	mg/L	56*
006 EFF-3	Grab	02/05/09	Density	g/cc	1.0*
006 EFF-3	Grab	02/05/09	Sediment	mg/L	32*
006 EFF-4	Grab	02/05/09	Density	g/cc	0.99*
006 EFF-4	Grab	02/05/09	Sediment	mg/L	27*
006 EFF-5	Grab	02/05/09	Density	g/cc	0.99*
006 EFF-5	Grab	02/05/09	Sediment	mg/L	22*
006 EFF-6	Grab	02/05/09	Density	g/cc	1.0*
006 EFF-6	Grab	02/05/09	Sediment	mg/L	15*
006 EFF-7	Grab	02/06/09	Density	g/cc	1.0*
006 EFF-7	Grab	02/06/09	Sediment	mg/L	19*
006 EFF-8	Grab	02/06/09	Density	g/cc	1.0*
006 EFF-8	Grab	02/06/09	Sediment	mg/L	16*
006 EFF-1	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-1	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-2	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-2	Grab	02/13/09	Sediment	mg/L	21*
006 EFF-3	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-3	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-4	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-4	Grab	02/13/09	Sediment	mg/L	14*
006 EFF-5	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-5	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-6	Grab	02/13/09	Density	g/cc	1.0*

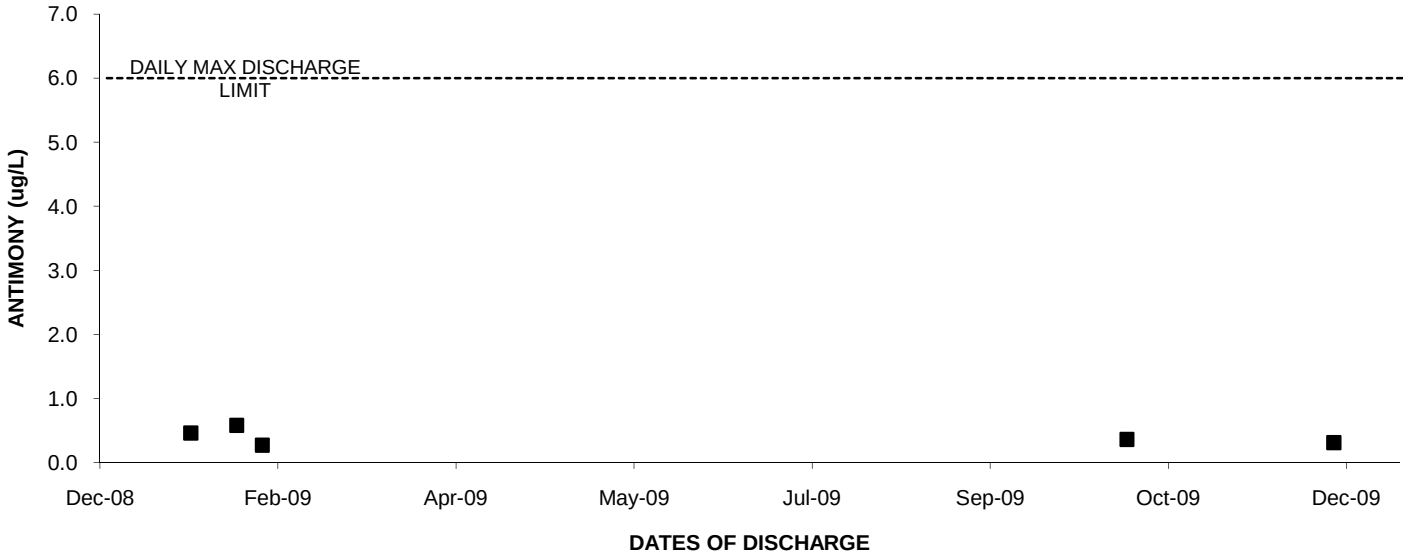
BMP EFFECTIVENESS
OUTFALL 006 (FSDF-2)

ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

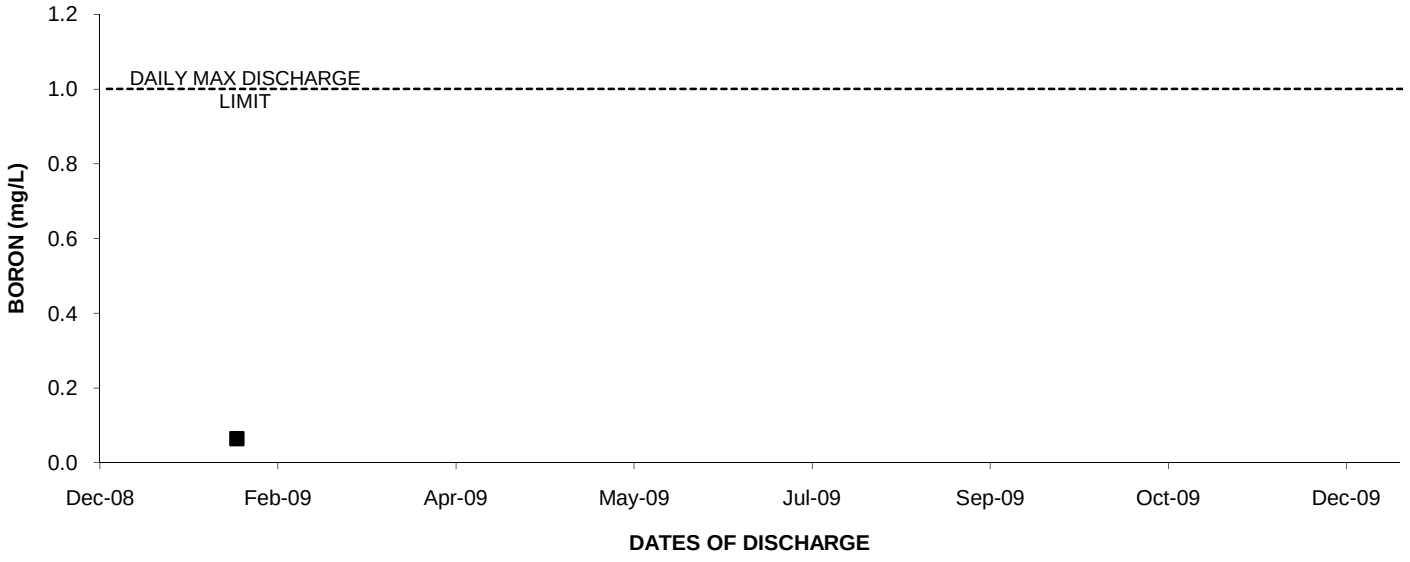
January 1 through December 31, 2009

SAMPLE NAME	Sample Type	SAMPLE DATE	ANALYTE	UNITS	RESULT
006 EFF-6	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-7	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-7	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-8	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-8	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-9	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-9	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-10	Grab	02/13/09	Density	g/cc	1.0*
006 EFF-10	Grab	02/13/09	Sediment	mg/L	ND <10*
006 EFF-1	Grab	10/14/09	Density	g/cc	0.99*
006 EFF-1	Grab	10/14/09	Sediment	mg/L	ND <10*
006 EFF-1	Grab	12/11/09	Density	g/cc	1.0*
006 EFF-1	Grab	12/11/09	Sediment	mg/L	14*
006 EFF-2	Comp	12/12/09	Density	g/cc	0.99*
006 EFF-2	Comp	12/12/09	Sediment	mg/L	12*

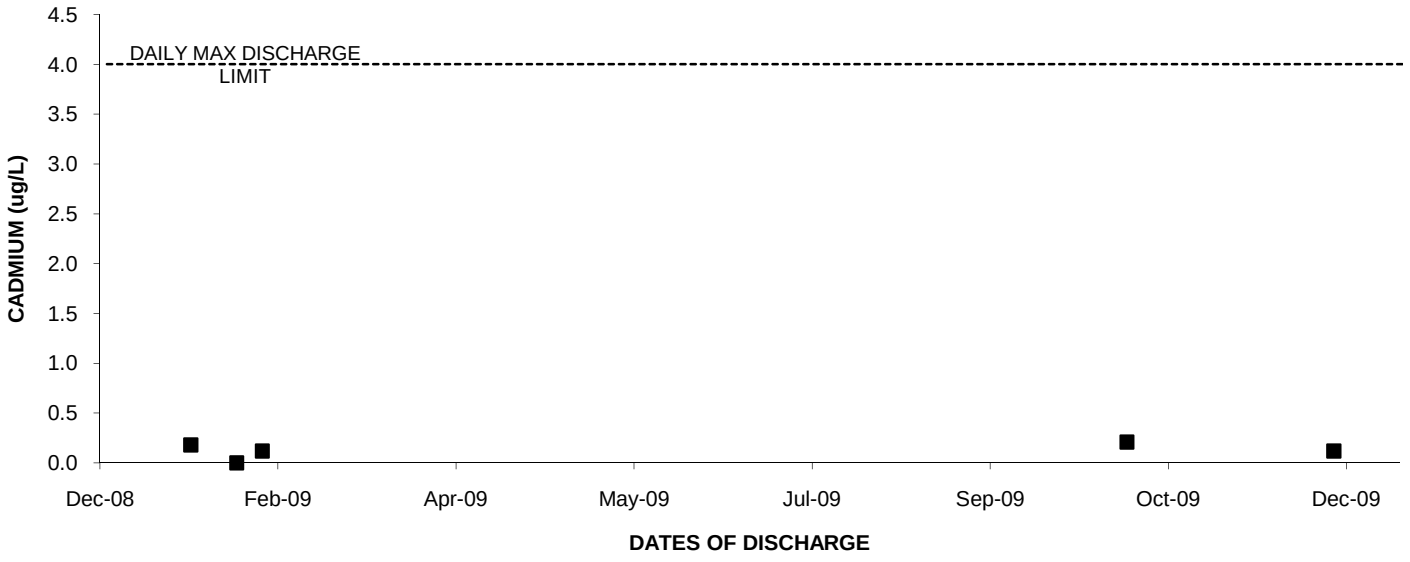
2009: OUTFALL 006 ANTIMONY



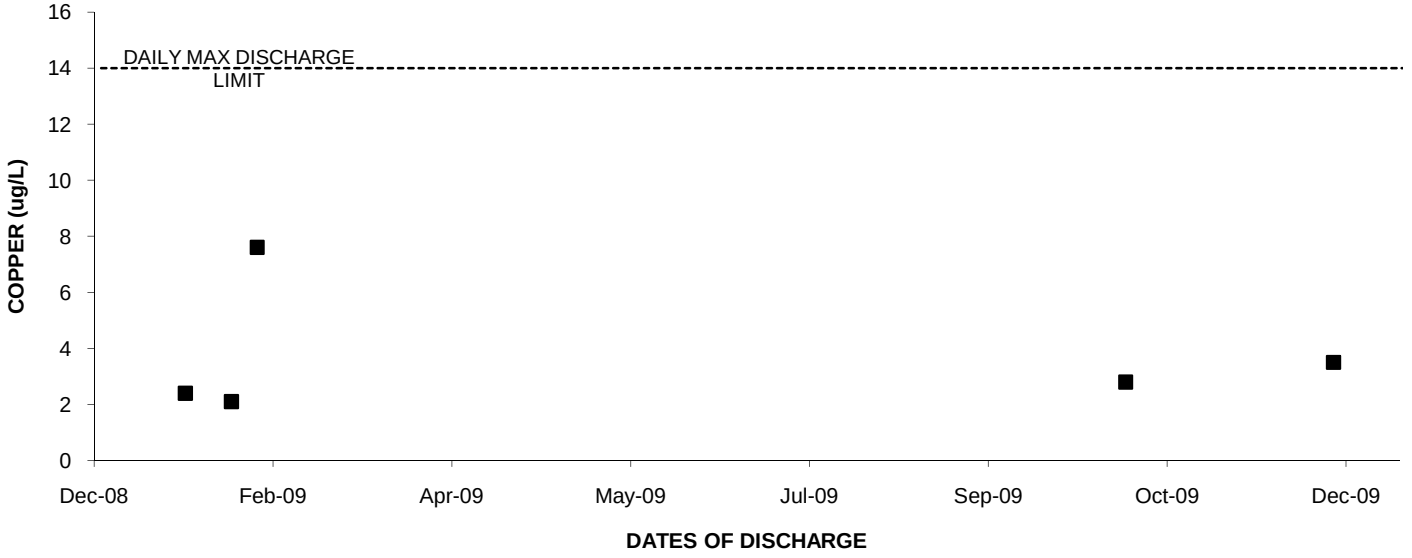
2009: OUTFALL 006 BORON



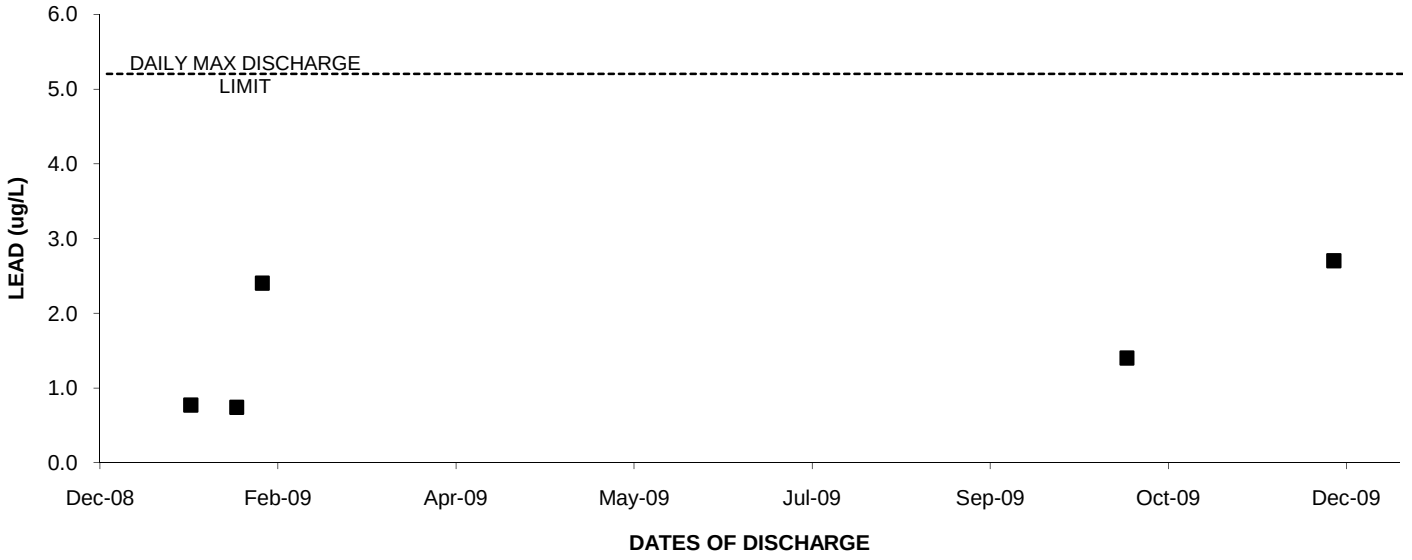
2009: OUTFALL 006 CADMIUM



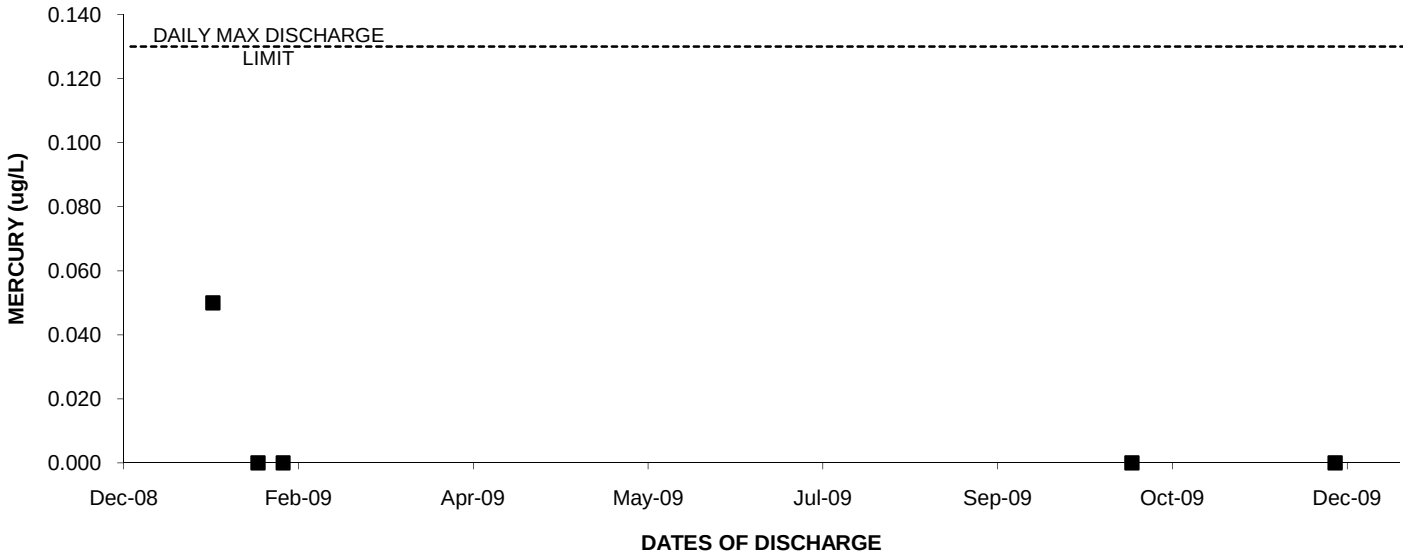
2009: OUTFALL 006 COPPER



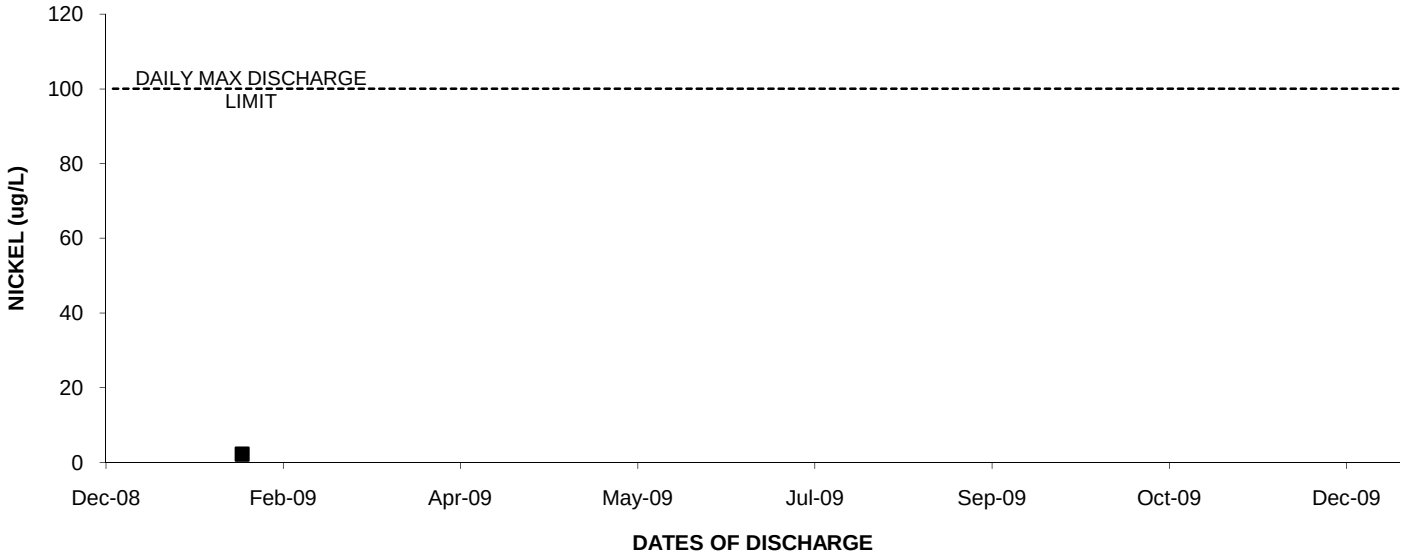
2009: OUTFALL 006 LEAD



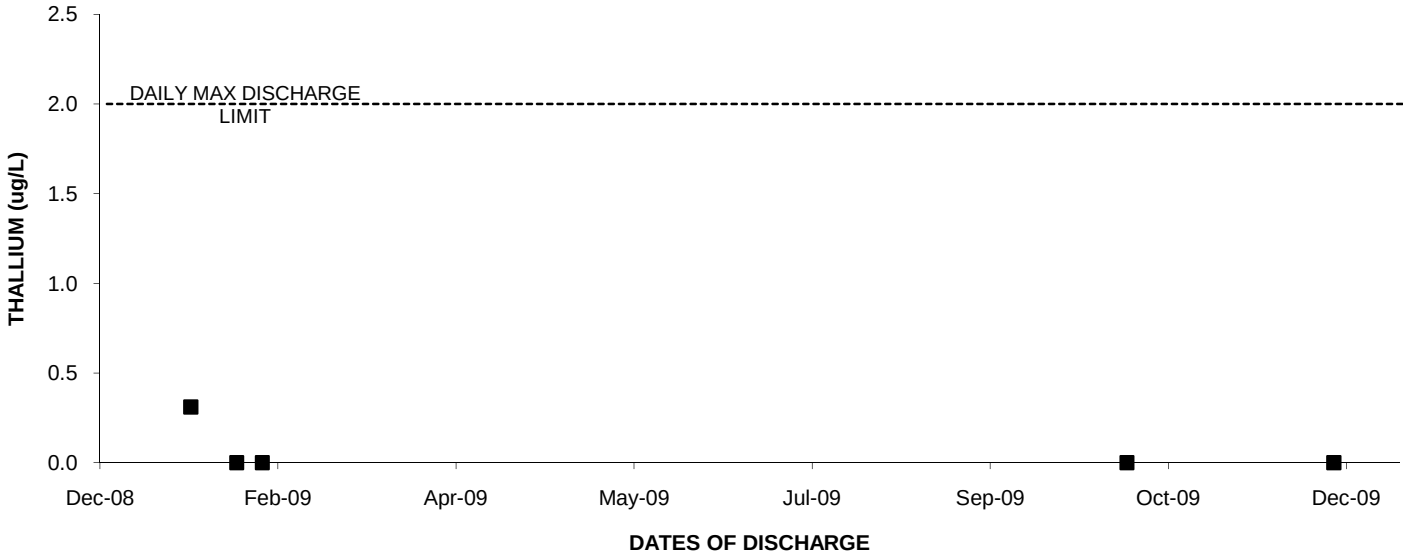
2009: OUTFALL 006 MERCURY



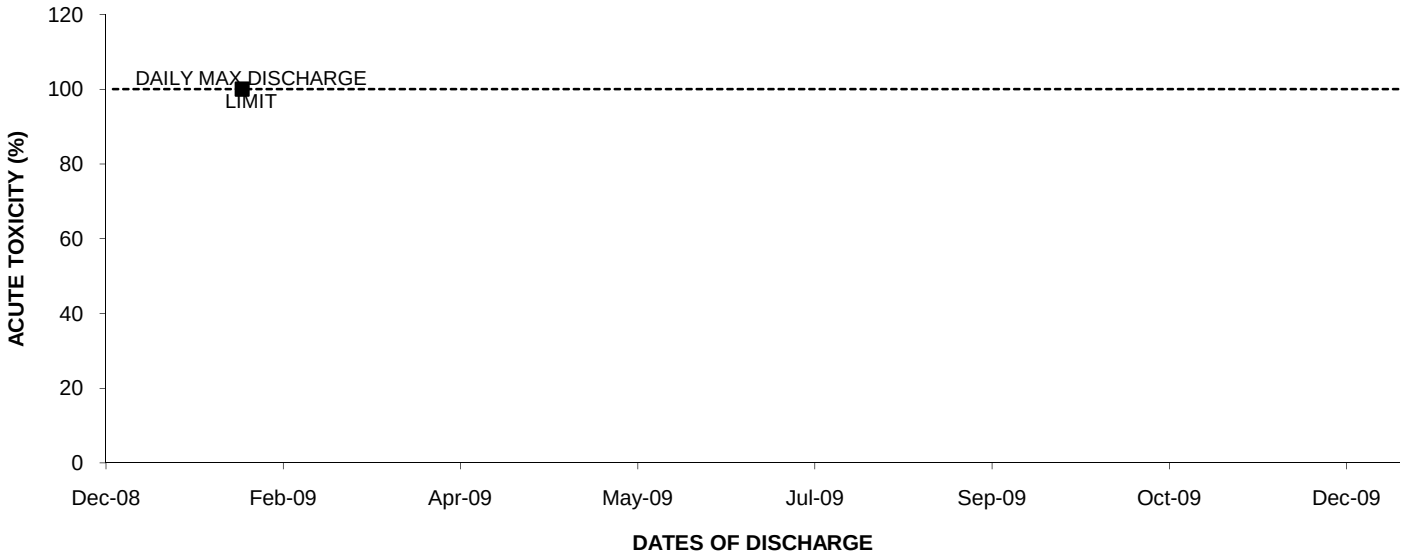
2009: OUTFALL 006 NICKEL



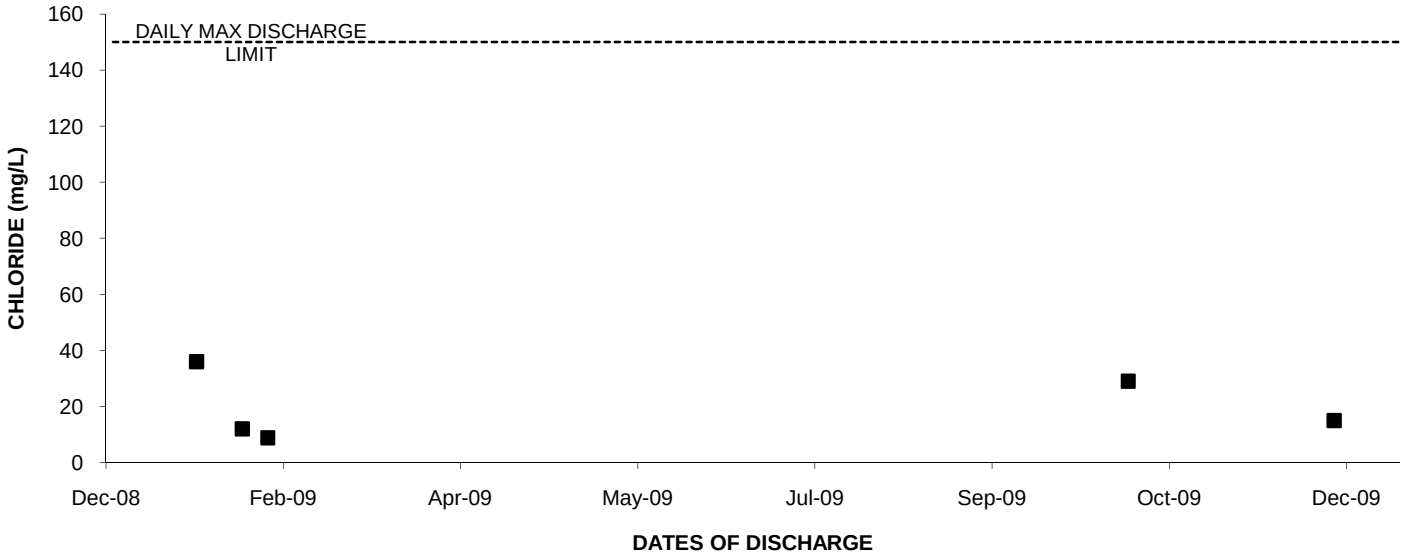
2009: OUTFALL 006 THALLIUM



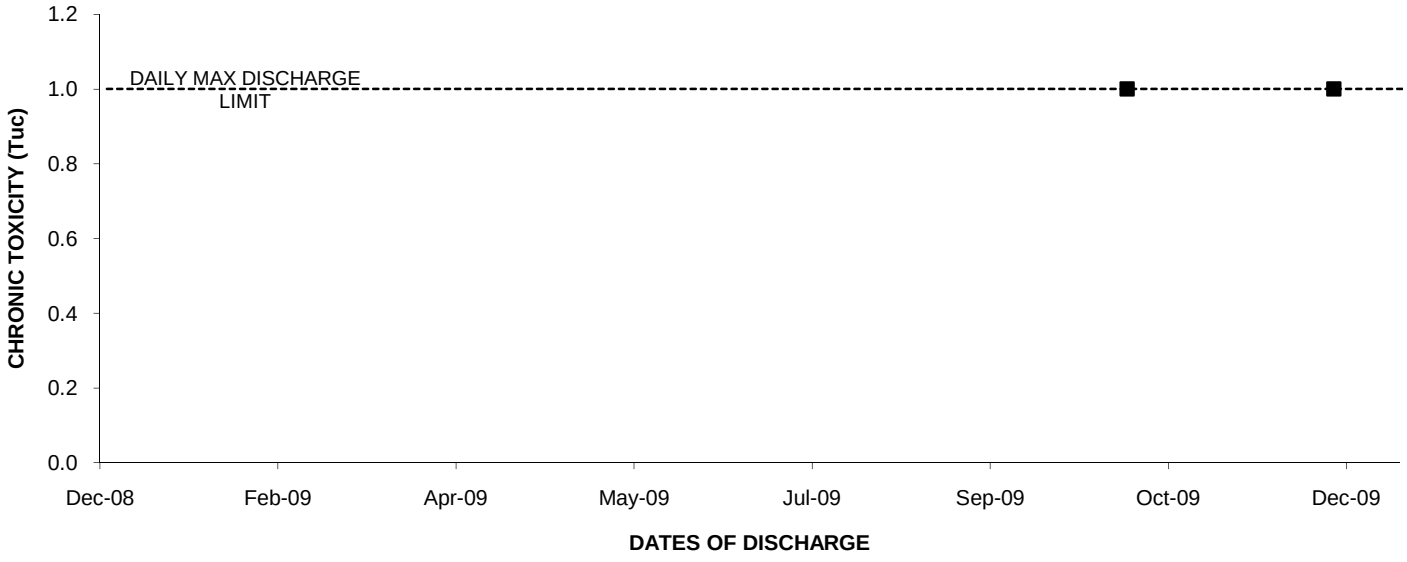
2009: OUTFALL 006 ACUTE TOXICITY



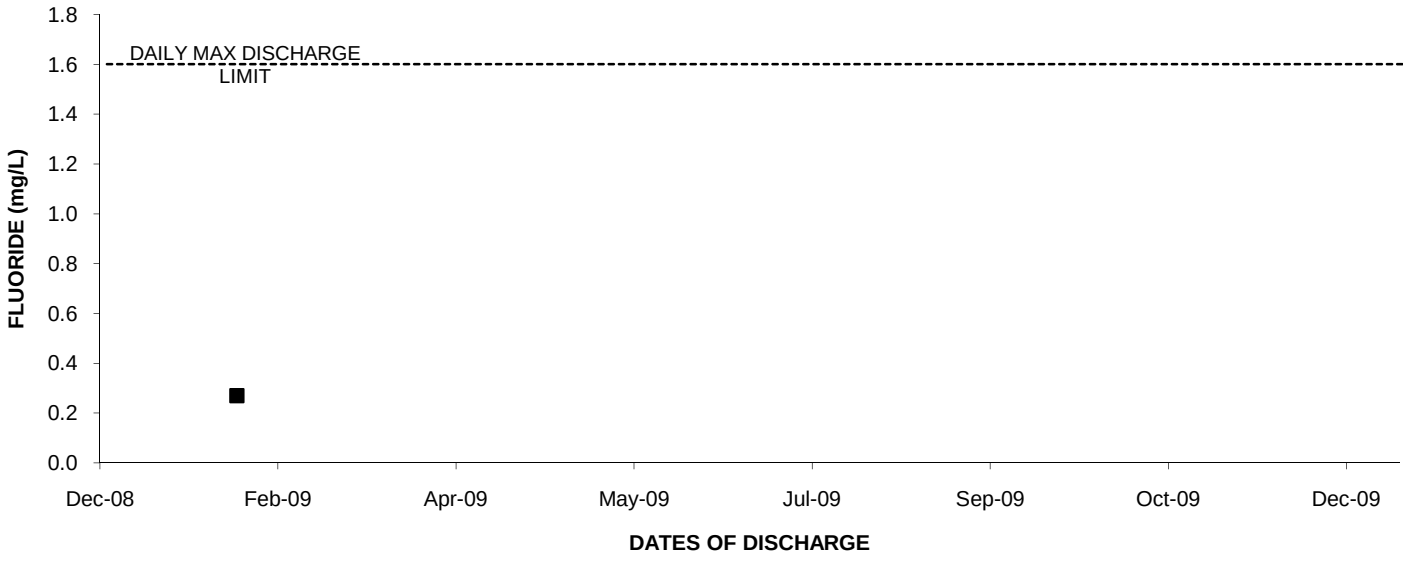
2009: OUTFALL 006 CHLORIDE



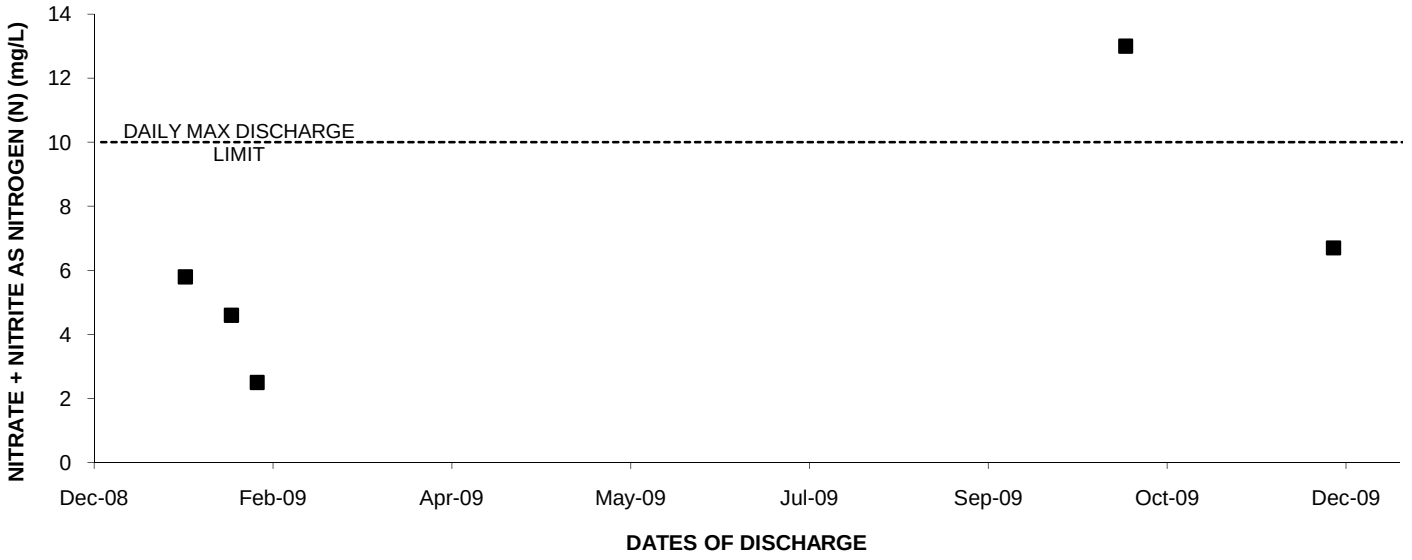
2009: OUTFALL 006 CHRONIC TOXICITY



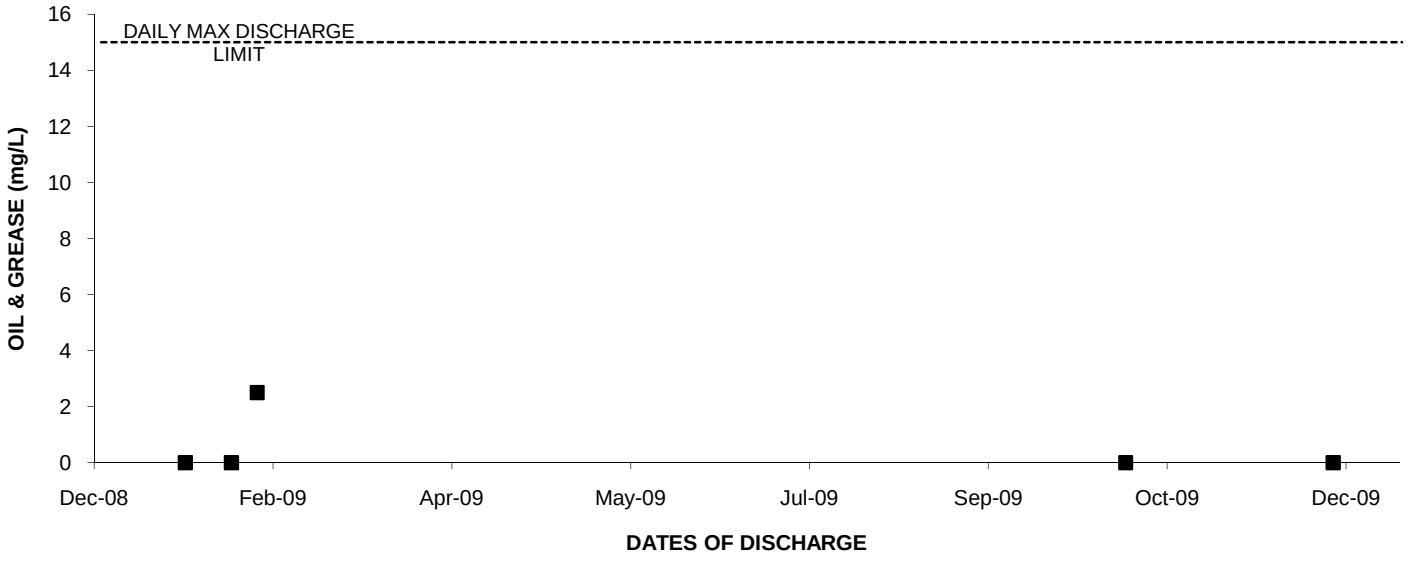
2009: OUTFALL 006 FLUORIDE



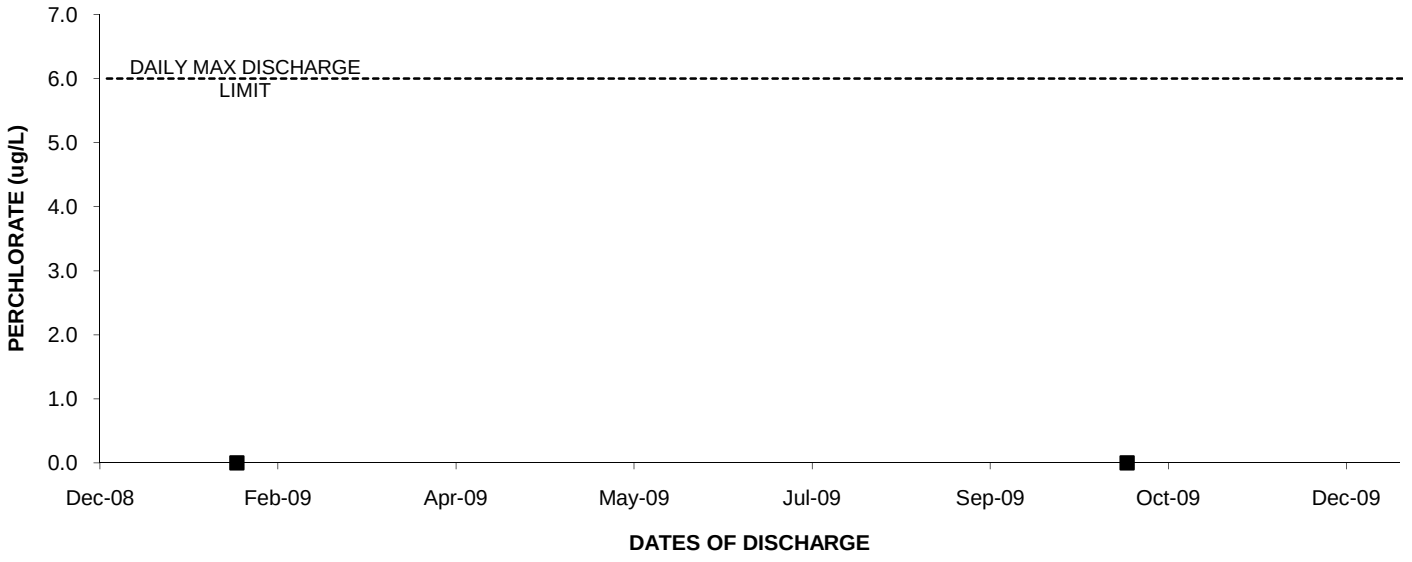
2009: OUTFALL 006 NITRATE + NITRITE AS NITROGEN (N)



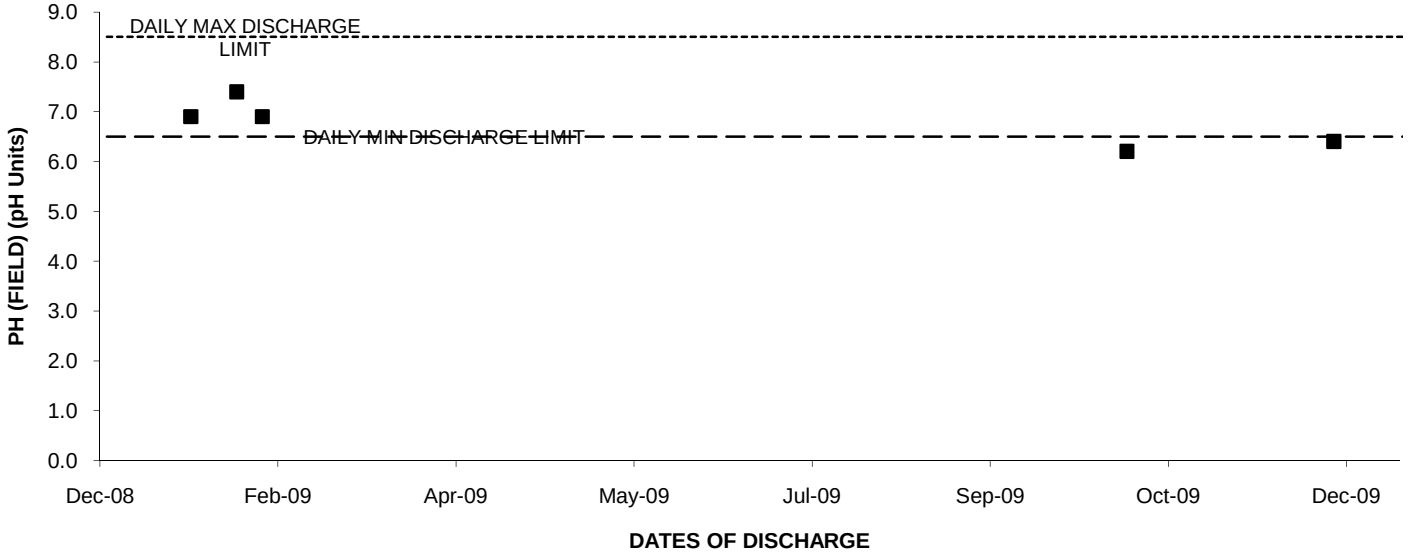
2009: OUTFALL 006 OIL & GREASE



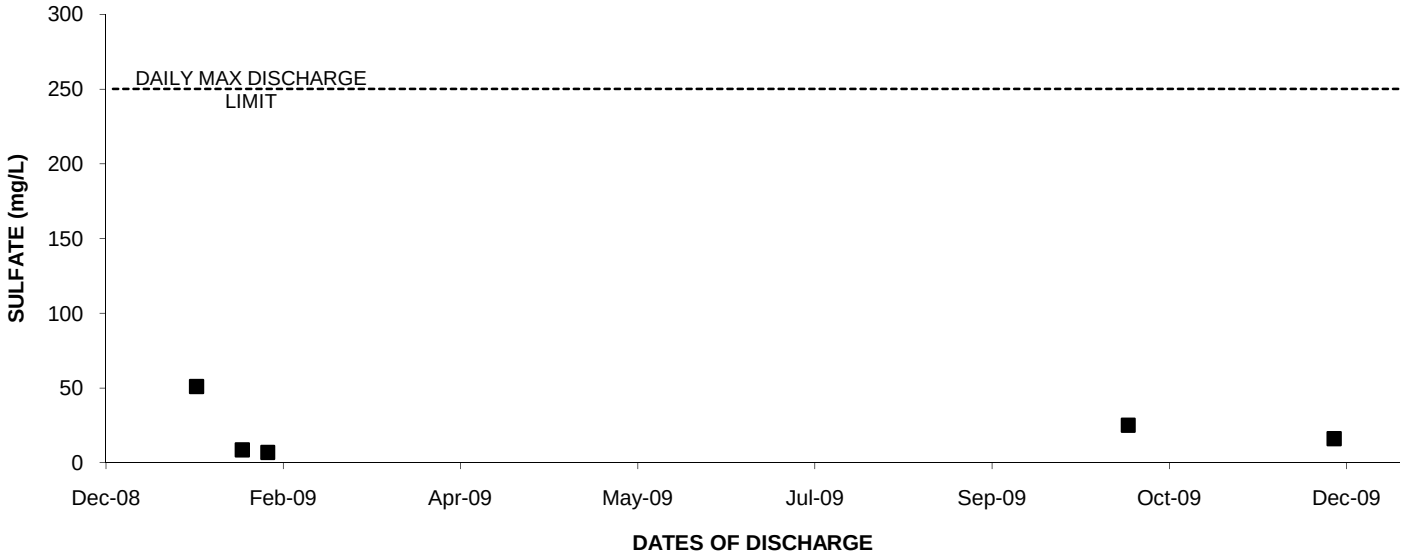
2009: OUTFALL 006 PERCHLORATE



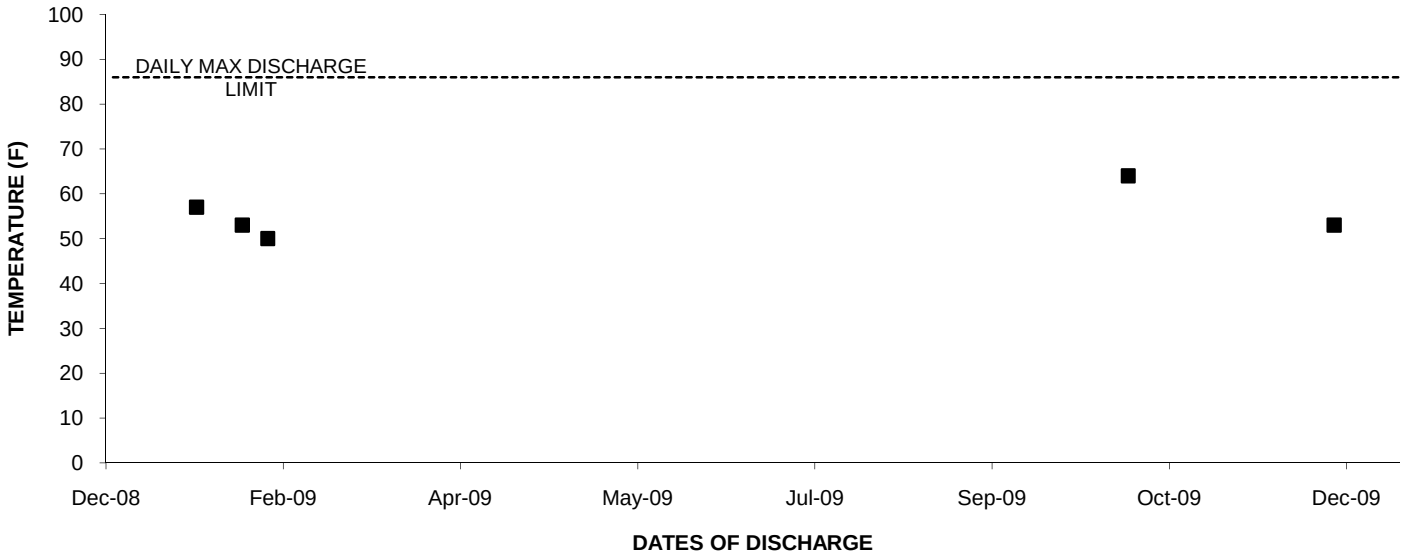
2009: OUTFALL 006 PH (FIELD)



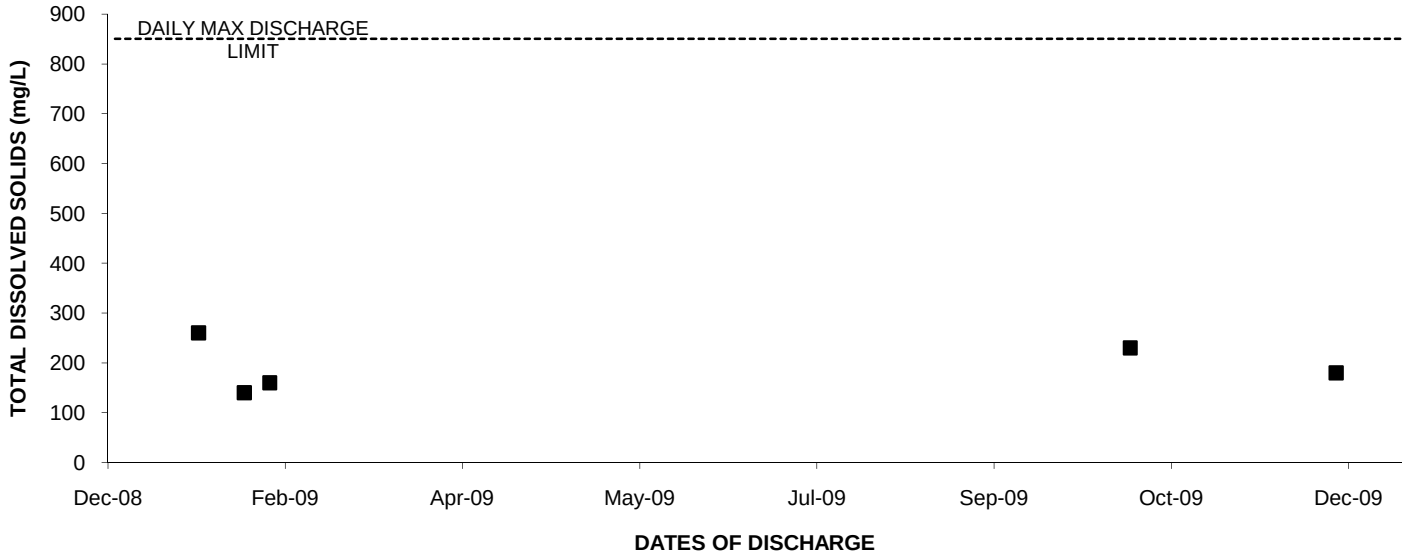
2009: OUTFALL 006 SULFATE



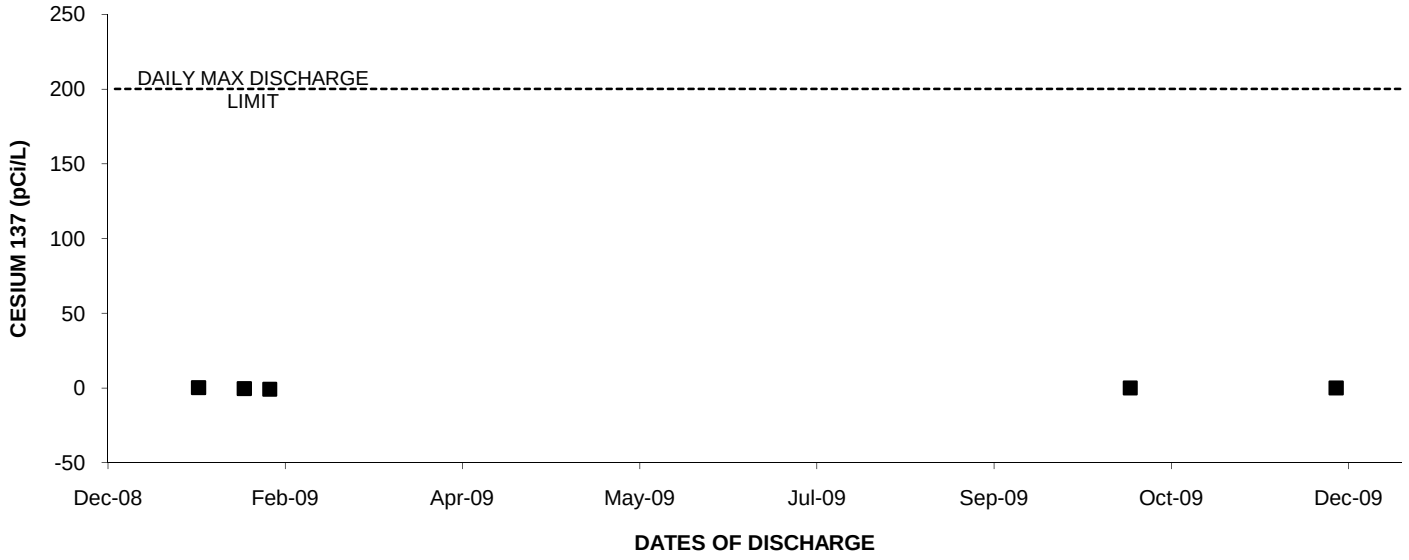
2009: OUTFALL 006 TEMPERATURE



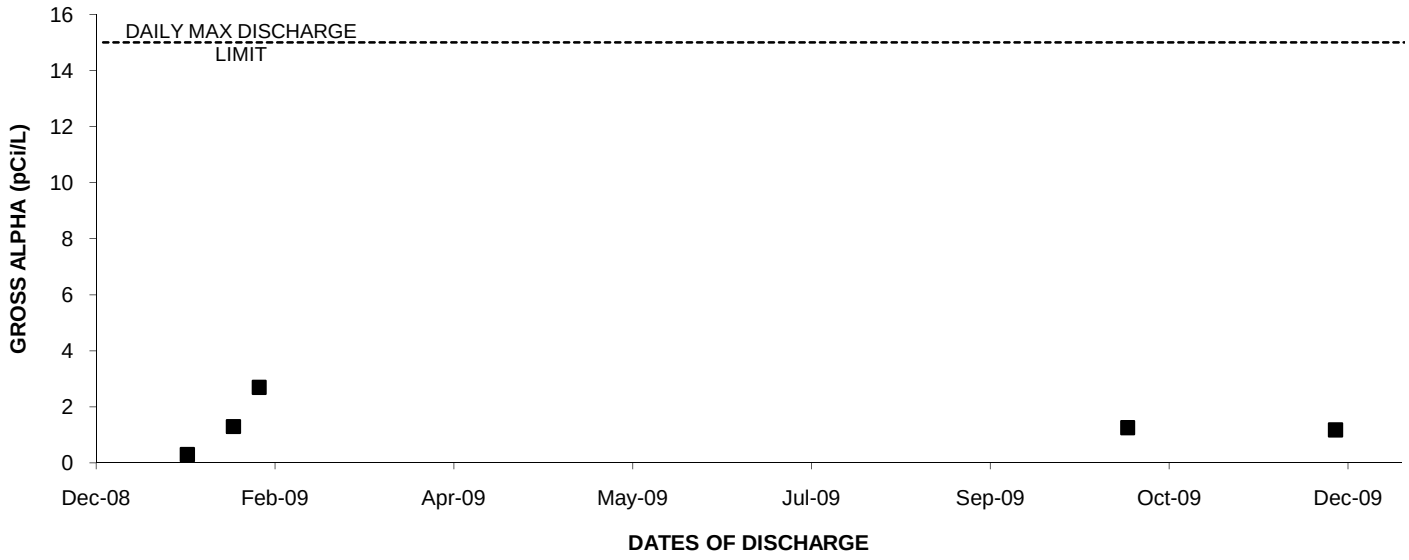
2009: OUTFALL 006 TOTAL DISSOLVED SOLIDS



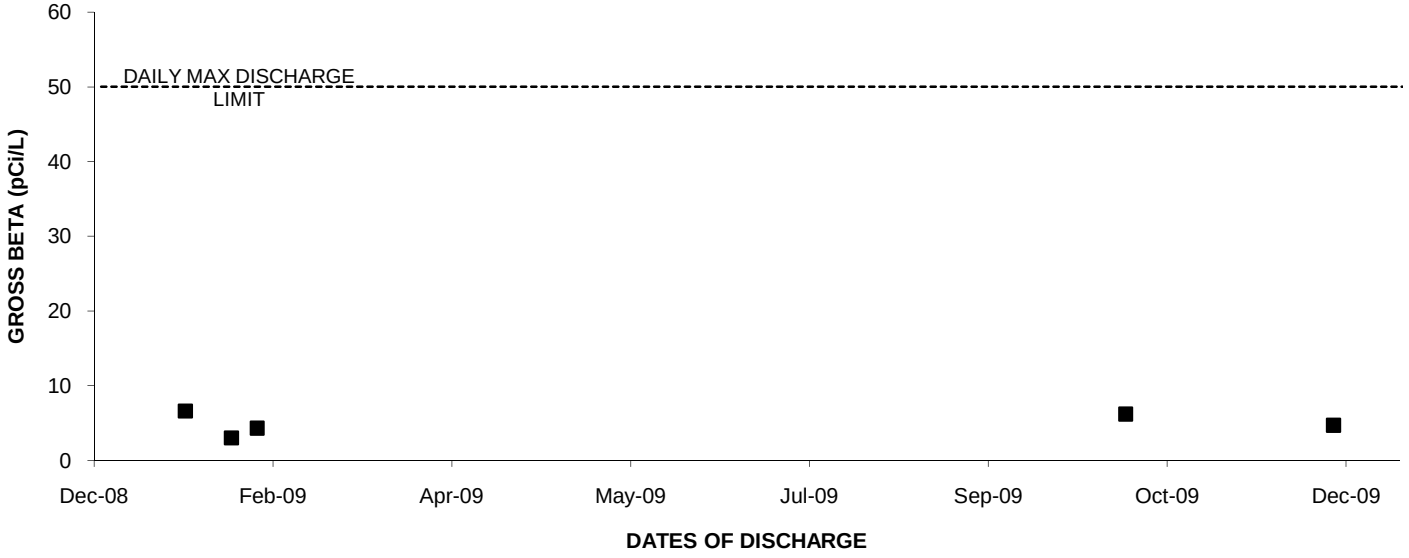
2009: OUTFALL 006 CESIUM 137



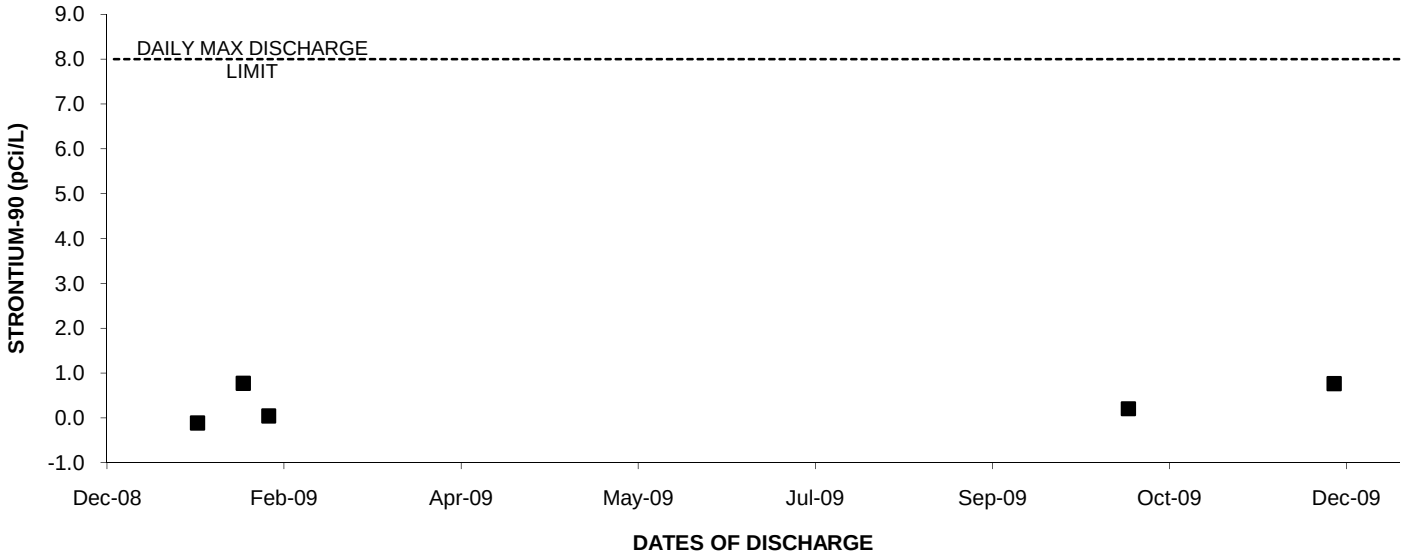
2009: OUTFALL 006 GROSS ALPHA



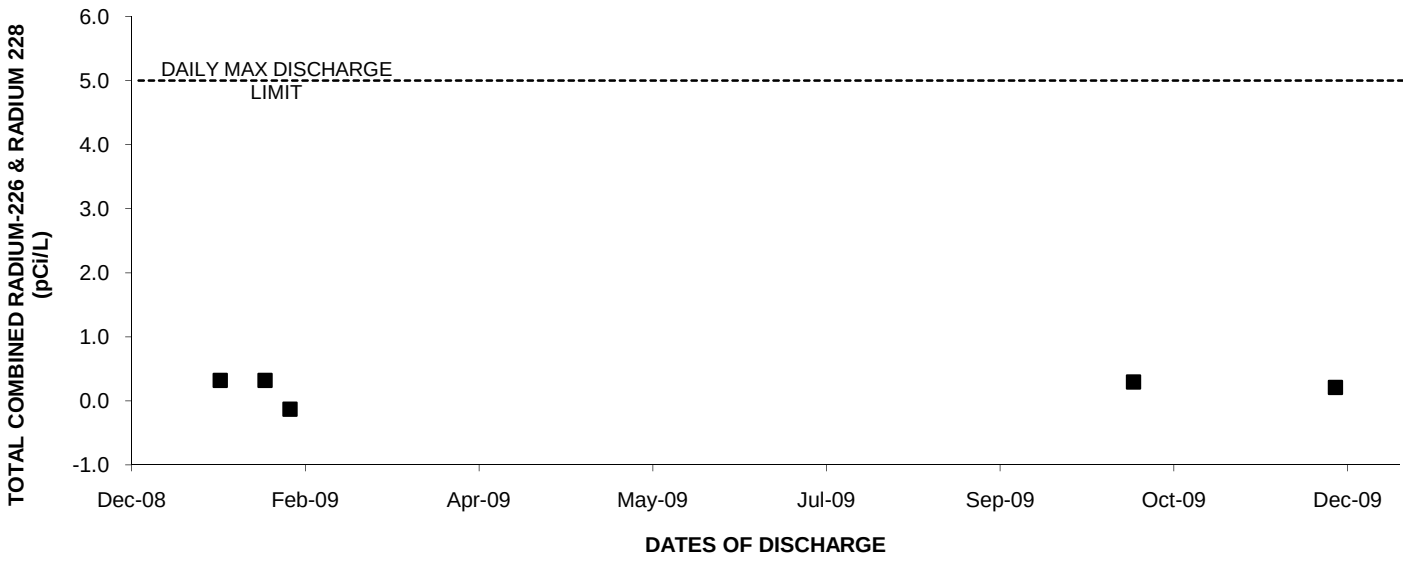
2009: OUTFALL 006 GROSS BETA



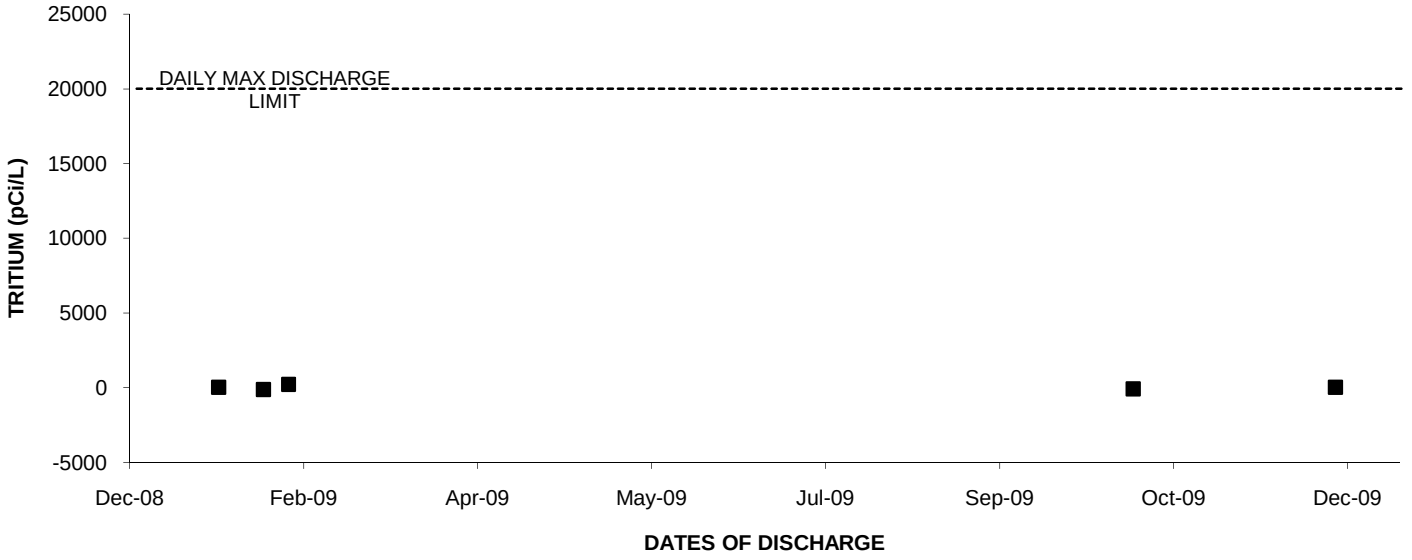
2009: OUTFALL 006 STRONTIUM-90



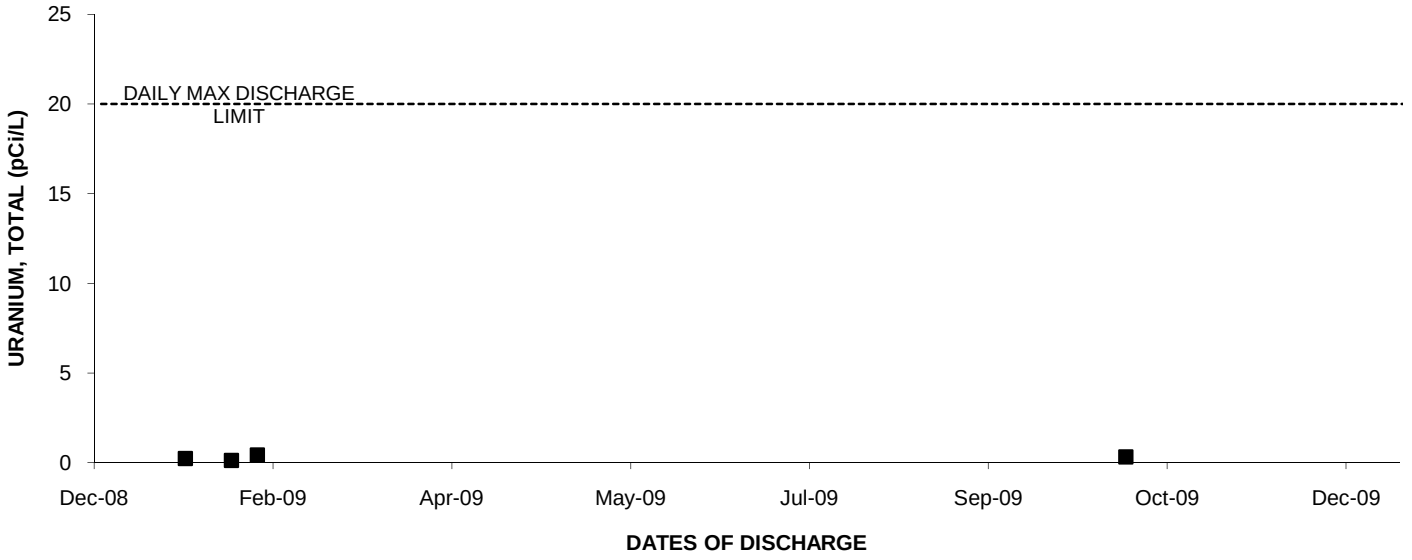
2009: OUTFALL 006 TOTAL COMBINED RADIUM-226 & RADIUM 228

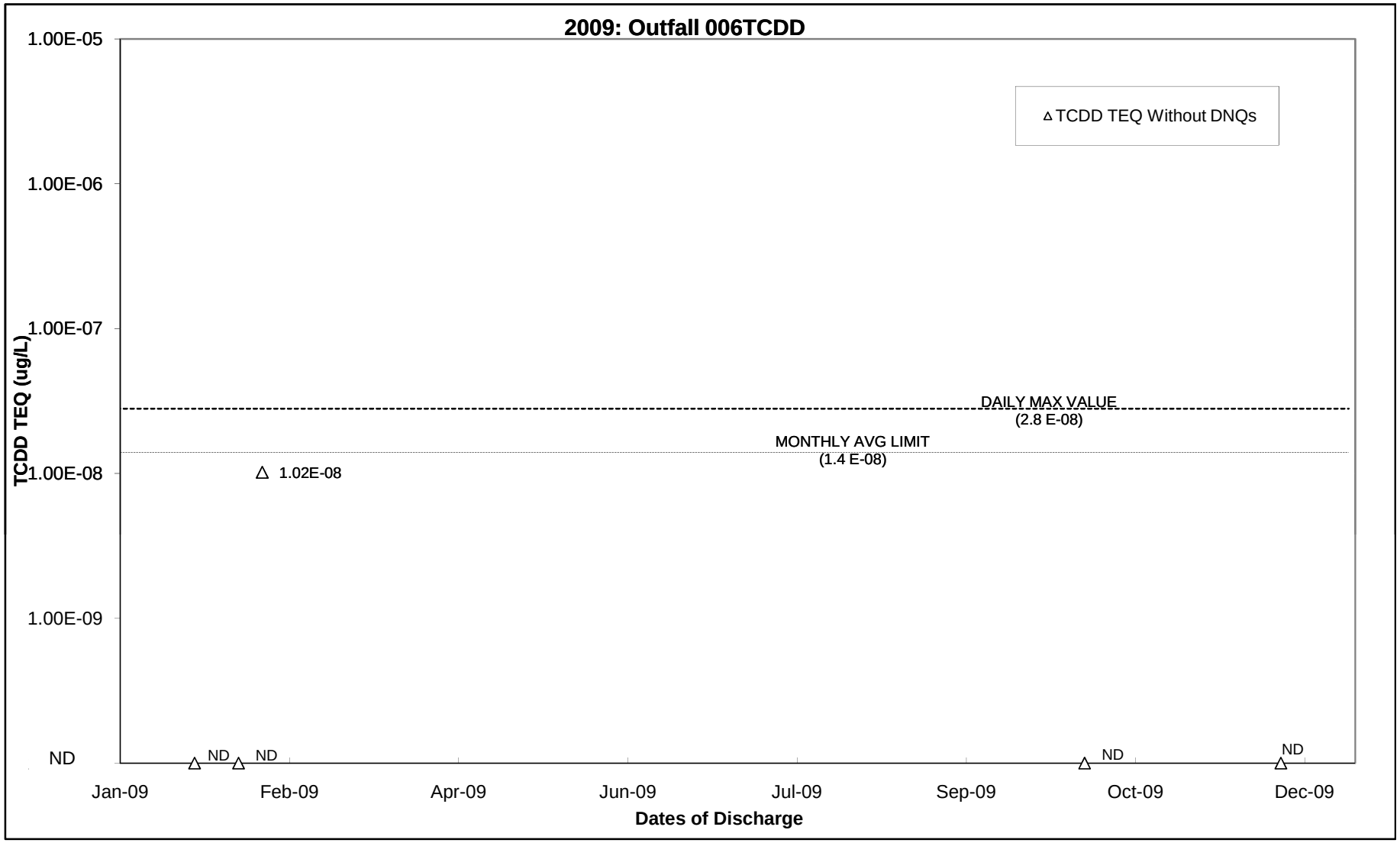


2009: OUTFALL 006 TRITIUM



2009: OUTFALL 006 URANIUM, TOTAL




2009: Outfall 006TCDD
1.00E-05
1.00E-06
1.00E-07
1.00E-08
1.00E-09
ND
TCDD TEQ (ug/L)
TCDD TEQ Without DNQs
DAILY MAX VALUE
(2.8 E-08)
MONTHLY AVG LIMIT
(1.4 E-08)
1.02E-08
ND
ND
ND
ND
Jan-09
Feb-09
Apr-09
Jun-09
Jul-09
Sep-09
Oct-09
Dec-09
Dates of Discharge