

SECTION 3

OUTFALL 003 (RMHF)
ANNUAL 2010 REPORTING SUMMARY

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OUTFALL 003 (RMHF)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/21/2010-1/22/2010			2/6/2010-2/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	6.5	*	Comp	5.6	--
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	Comp	0.27	--
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	1.5	*	Comp	0.82	--
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	U
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	6.9	*	Grab	7.5	*
Sulfate	mg/L	250/-	Comp	9.0	*	Comp	13	--
Temperature	deg. F	86/-	Grab	47	*	Grab	52	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	Comp	140	*	Comp	190	--
Hardness	mg/L	-/-	ANR	ANR	ANR	Comp	87	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	79	--
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	Comp	28	--
Volume Discharged	MGD	17.8/-	Meas	0.025135	*	Meas	0.008775	*
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	Comp	630	--
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 40	U
Antimony	ug/L	6.0/-	Comp	ND < 0.30	*	Comp	ND < 2.0	UJ (B)
Antimony, dissolved	ug/L	-/-	Comp	0.36	Ja* (DNQ)	Comp	0.39	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.0	U
Beryllium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.90	U
Boron	mg/L	1.0/-	ANR	ANR	ANR	Comp	ND < 0.092	U (B)
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.10	U (B)
Cadmium	ug/L	4.0/-	Comp	0.12	Ja* (DNQ)	Comp	ND < 1.0	UJ (R, B)
Cadmium, dissolved	ug/L	-/-	Comp	0.21	Ja* (DNQ)	Comp	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR	ANR	Comp	25	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	23	--
Chromium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Chromium VI	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.0	U (B)
Copper	ug/L	14.0/-	Comp	3.8	B*	Comp	2.6	J (*III)
Copper, dissolved	ug/L	-/-	Comp	2.7	*	Comp	2.1	J (*III)
Iron	mg/L	-/-	ANR	ANR	ANR	Comp	0.41	--
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.089	U (B)
Lead	ug/L	5.2/-	Comp	2.2	B*	Comp	0.86	J (DNQ)
Lead, dissolved	ug/L	-/-	Comp	0.68	Ja* (DNQ)	Comp	ND < 0.20	U
Magnesium	mg/L	-/-	ANR	ANR	ANR	Comp	6.0	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	5.5	--
Mercury	ug/L	0.13/-	Comp	0.13	J (DNQ)	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U	Comp	ND < 0.10	U
Nickel	ug/L	100/-	ANR	ANR	ANR	Comp	ND < 2.0	UJ (R)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 8.0	U
Silver	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 6.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 6.0	U
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	ANR	Comp	3.2	J (DNQ)
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	ANR	Comp	20	--
Zinc, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	19	J (DNQ)
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	U

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/21/2010-1/22/2010			2/6/2010-2/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	U
Chloroform	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.33	U
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	U
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.42	U
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.25	U
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	U
Toluene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.36	U
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.90	U
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	U
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	U
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.26	U
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.34	U
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.50	U
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
ADDITIONAL ANALYTES								
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	U
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	U
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	U
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.37	U
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.3	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.7	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.8	UJ (C)
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.2	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	U
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	U
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 5.3	U
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Acrolein	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 4.0	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.2	U
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	Grab	100	--
Aldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0014	U
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	U
Aniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Benidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 9.6	UJ (C, *III)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 9.6	UJ (C, *III)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	UJ (C)
beta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	U
Bromoform	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
Bromomethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.42	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Chlordane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.038	U
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.36	U
Chloroethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
Chloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.0	U
Chronic Toxicity	TUC	1.0/-	Comp	1.0	*	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	U
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.22	U
delta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0033	U
Diazinon	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
Dieldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	U
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	U
Endrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	U
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Fluorene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Heptachlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.8	UJ (C)

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/21/2010-1/22/2010			2/6/2010-2/7/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
Isophorone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	U
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0033	U
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.95	U
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	UJ (C)
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
p-Cresol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.9	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	UJ (C)
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.4	U
Phenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Toxaphene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	UJ (C)
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	U
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	U

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Sample Type: Composite

Sample Date: January 21-22, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.20E-05	4.90E-05	4.00E-05	J (DNQ)	0.01	ND
1,2,3,4,6,7,8-HpCDF	7.30E-06	7.30E-06	ND	UJ (*III)	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.30E-05	4.90E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	9.60E-06	4.90E-05	ND	U	0.1	ND
1,2,3,4,7,8-HxCDF	6.10E-06	4.90E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDD	8.10E-06	4.90E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDF	5.40E-06	4.90E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDD	7.00E-06	4.90E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	6.70E-06	4.90E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	1.30E-05	4.90E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	9.00E-06	4.90E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	5.60E-06	4.90E-05	ND	U	0.1	ND
2,3,4,7,8-PeCDF	1.20E-05	4.90E-05	ND	U	0.5	ND
2,3,7,8-TCDD	5.50E-06	9.80E-06	ND	U	1	ND
2,3,7,8-TCDF	3.50E-06	9.80E-06	ND	U	0.1	ND
OCDD	3.50E-05	9.80E-05	2.80E-04	--	0.0001	2.80E-08
OCDF	2.10E-05	9.80E-05	1.60E-05	J (DNQ)	0.0001	ND

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

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

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NPDES PERMIT CA0001309**

Sample Type: Composite

Sample Date: February 6-7, 2010

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER	1998 WHO TEF	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	6.10E-07	5.00E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	5.20E-07	1.70E-06	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	9.30E-07	5.00E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	5.10E-07	6.60E-07	ND	UJ (*III)	0.1	ND
1,2,3,4,7,8-HxCDF	3.50E-07	9.80E-07	ND	UJ (*III)	0.1	ND
1,2,3,6,7,8-HxCDD	4.30E-07	4.50E-07	ND	UJ (*III)	0.1	ND
1,2,3,6,7,8-HxCDF	3.00E-07	5.00E-05	9.90E-07	J (DNQ)	0.1	ND
1,2,3,7,8,9-HxCDD	3.90E-07	3.70E-07	ND	UJ (*III)	0.1	ND
1,2,3,7,8,9-HxCDF	4.00E-07	5.10E-07	ND	UJ (*III)	0.1	ND
1,2,3,7,8-PeCDD	5.20E-07	5.00E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	4.30E-07	5.00E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	2.90E-07	5.00E-05	4.10E-07	J (DNQ)	0.1	ND
2,3,4,7,8-PeCDF	4.90E-07	5.00E-05	ND	U	0.5	ND
2,3,7,8-TCDD	5.30E-07	9.90E-06	ND	U	1	ND
2,3,7,8-TCDF	3.80E-07	9.90E-07	ND	UJ (*III)	0.1	ND
OCDD	9.30E-07	9.90E-05	ND	U (B)	0.0001	ND
OCDF	8.40E-07	9.90E-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 003 (RMHF)

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

January 1, 2010 through July 18, 2010

ANALYTE	SAMPLE TYPE	UNITS	Permit Limit Daily Max/Monthly Avg	1/22/2010			2/7/2010		
				RESULT	VALIDATION QUALIFIER	MDA	RESULT	VALIDATION QUALIFIER	MDA
RADIOACTIVITY									
Gross Alpha	Composite	pCi/L	15/-	3.3 ±1.2	J (C)	1.1	3.7 ± 1.4	J (C)	1.4
Gross Beta	Composite	pCi/L	50/-	4 ±1.2	J (DNQ)	1.6	4.03 ± 0.95	--	0.99
Strontium-90	Composite	pCi/L	8.0/-	0.29 ±0.40	U	0.67	0.41 ± 0.53	UJ (*III)	0.87
Total Combined Radium-226 & Radium 228	Composite	pCi/L	5.0/-	0.70 ± 0.50	U	0.97	0.24 ± 0.27	R	0.64
Tritium	Composite	pCi/L	20000/-	123 ±98	U	140	ND < 500 ± 86	U (B)	94
Uranium, Total	Composite	pCi/L	20/-	0.339 ± 0.036	J (H, DNQ)	0.21	1.09 ± 0.11	J (H)	0.21
Potassium-40	Composite	pCi/L	-/-	-20 ±120	U	190	-100 ± 5300	U	200
Cesium 137	Composite	pCi/L	200/-	-0.1 ±7.3	U	13	-1.5 ± 9.5	U	17

OUTFALL 003 (RMHF)

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

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/21/2010-01/22/2010			02/06/2010-02/07/2010		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max discharge for event	MGD	17.8	Meas	0.016715	*	Meas	0.00442	*
Chloride	LBS/DAY	22,268/-	Comp	0.91	*	Comp	0.21	--
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	Comp	0.01	--
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.21	*	Comp	0.03	--
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	U
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR	Comp	ND	U
Sulfate	LBS/DAY	37,113/-	Comp	1.25	*	Comp	0.48	--
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	19.52	*	Comp	7.00	--
Antimony	LBS/DAY	0.89/-	Comp	ND	*	Comp	ND	UJ (B)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	Comp	ND	U (B)
Cadmium	LBS/DAY	0.59/-	Comp	0.00017	Ja* (DNQ)	Comp	ND	UJ (R, B)
Copper	LBS/DAY	2.08/-	Comp	0.00053	B*	Comp	0.00010	J (*III)
Lead	LBS/DAY	0.77/-	Comp	0.00031	B*	Comp	0.000032	J (DNQ)
Mercury	LBS/DAY	0.02/-	Comp	0.000018	J (DNQ)	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	Comp	ND	UJ (R)
Thallium	LBS/DAY	0.3/-	Comp	ND	*	Comp	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	3.90E-12	--	Comp	ND	--

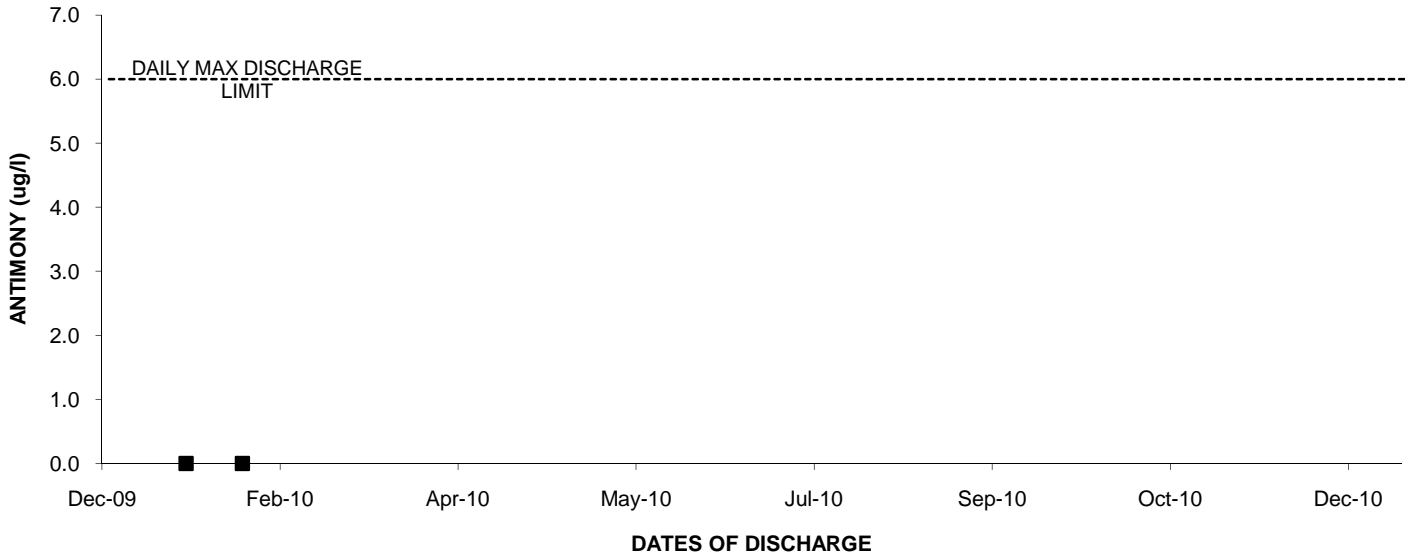
**BMP EFFECTIVENESS
OUTFALL 003 (RMHF)**

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

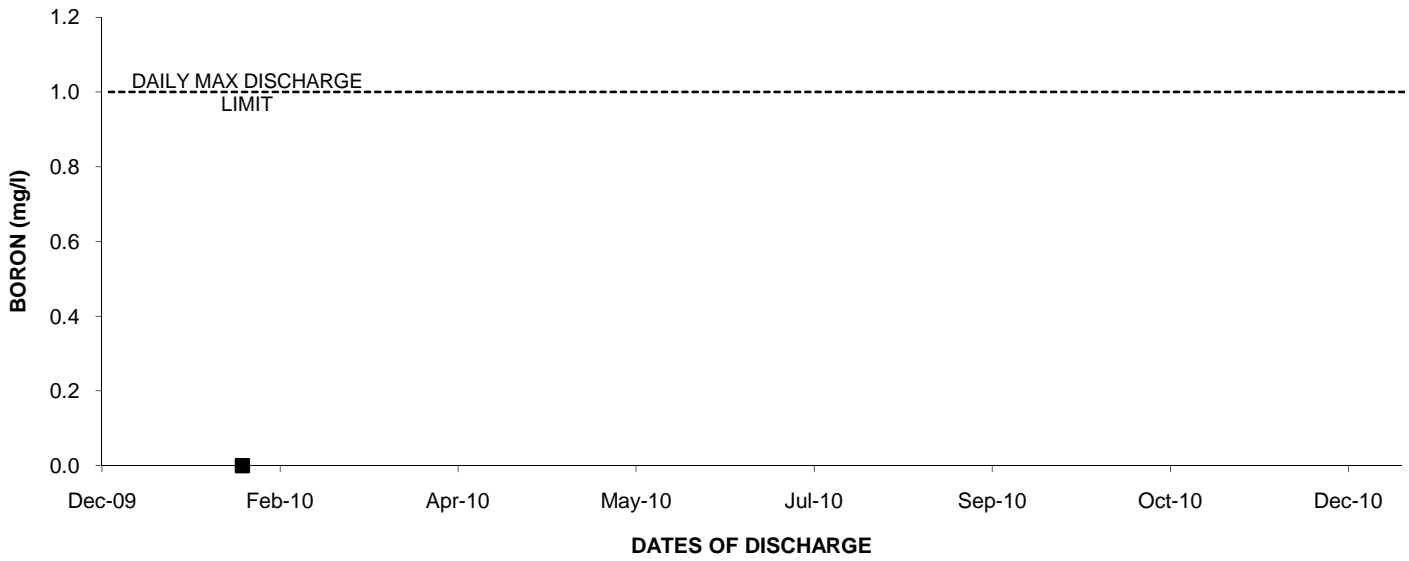
January 1, 2010 through July 18, 2010

SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
003 EFF-1	01/21/10	Density	g/cc	1.0*
003 EFF-1	01/21/10	Sediment	mg/L	23*
003 EFF-1	02/07/10	Density	g/cc	1.0*
003 EFF-1	02/07/10	Sediment	mg/L	25*

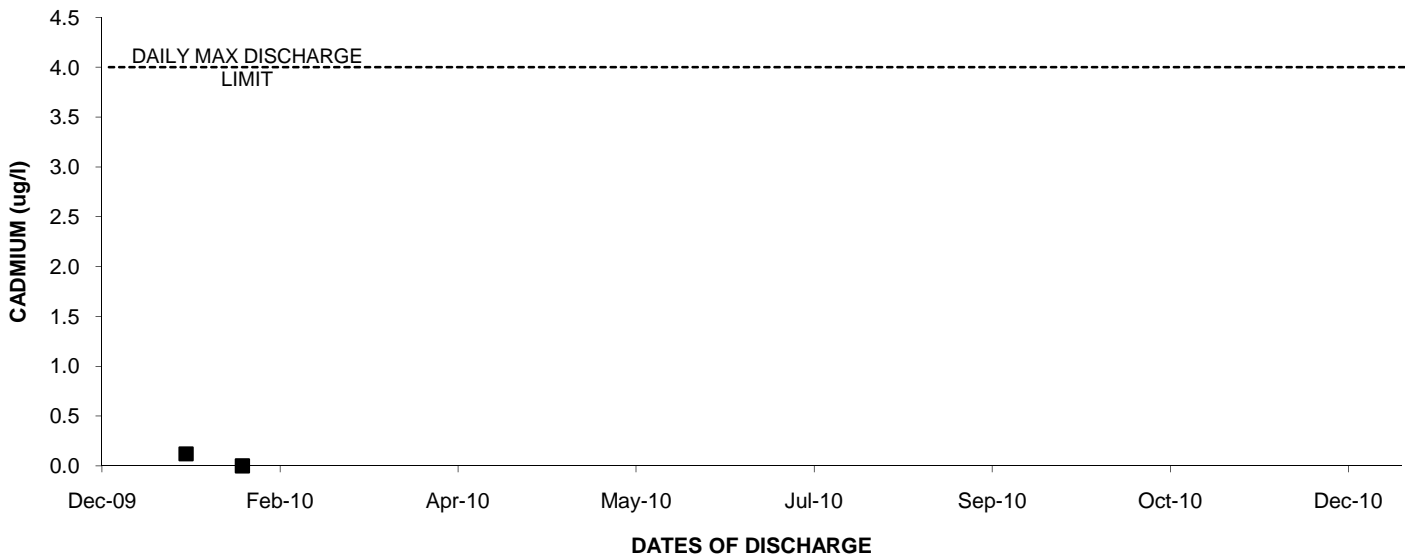
2010: Outfall 003 ANTIMONY



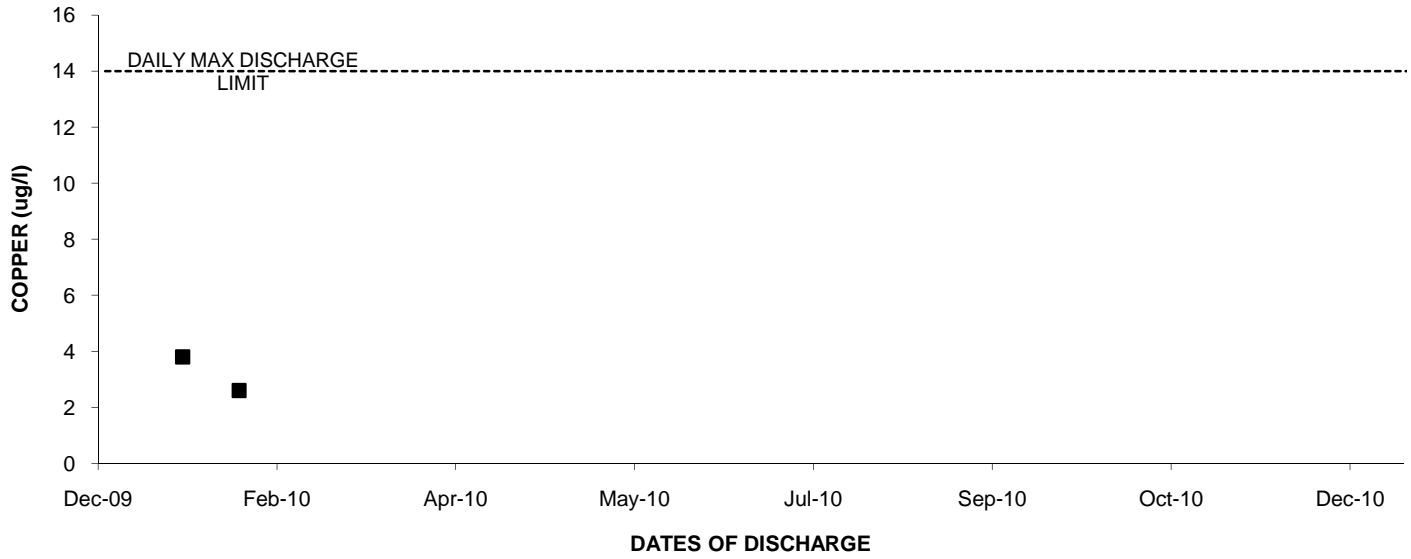
2010: Outfall 003 BORON



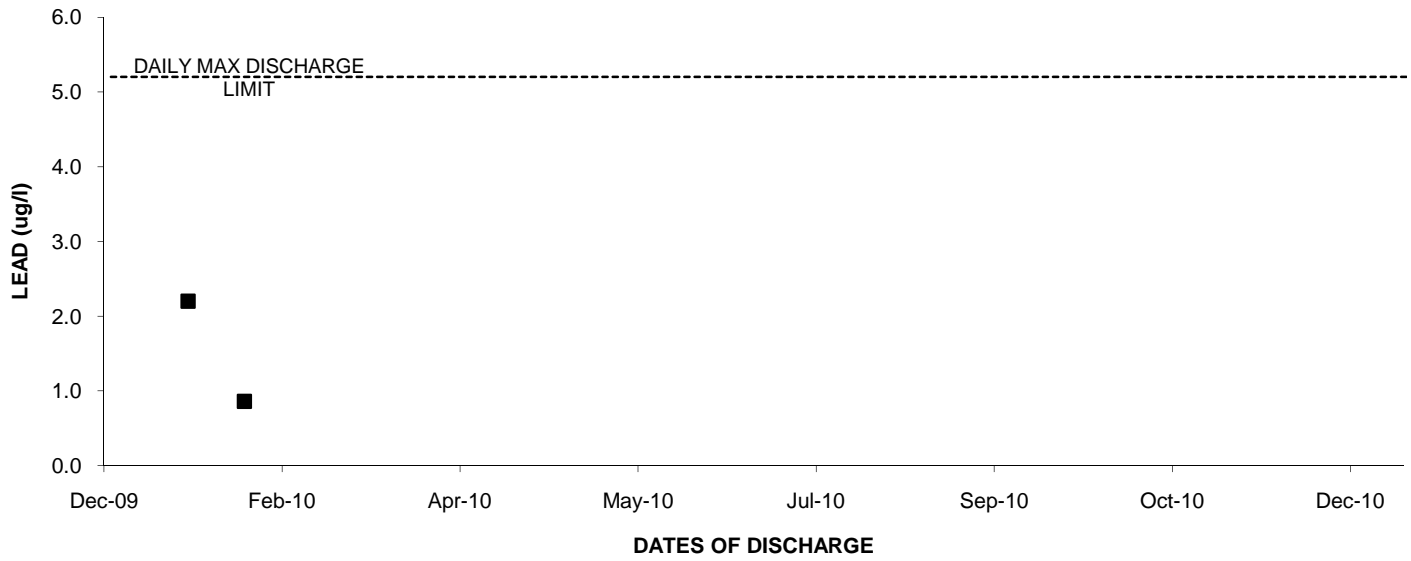
2010: Outfall 003 CADMIUM



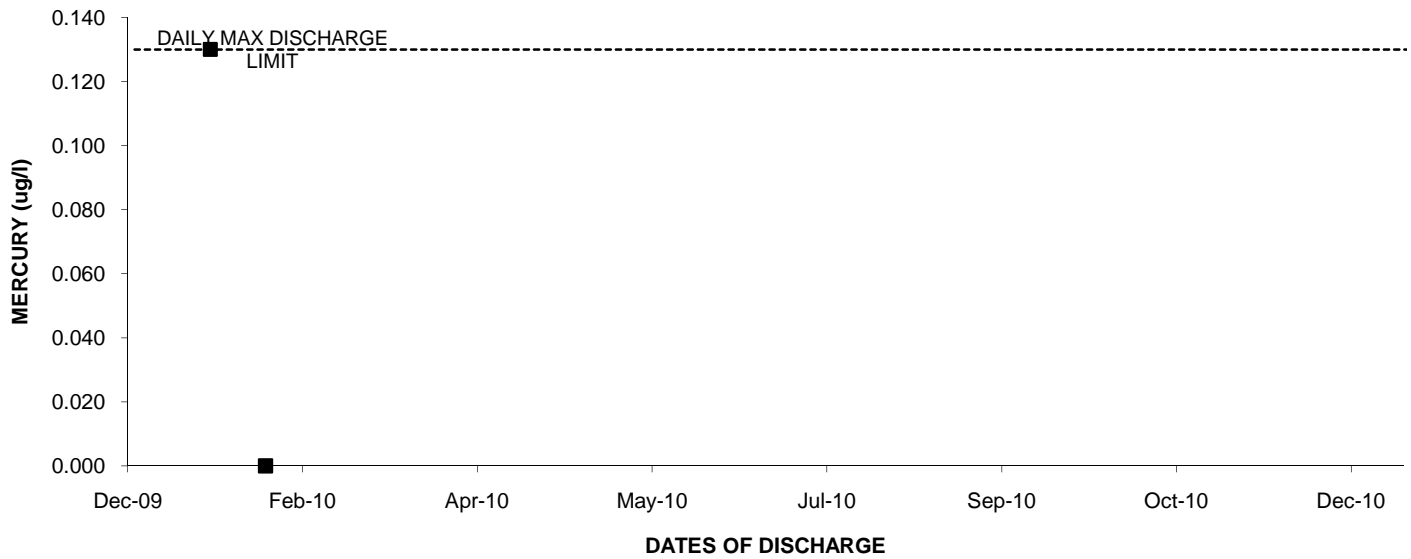
2010: Outfall 003 COPPER



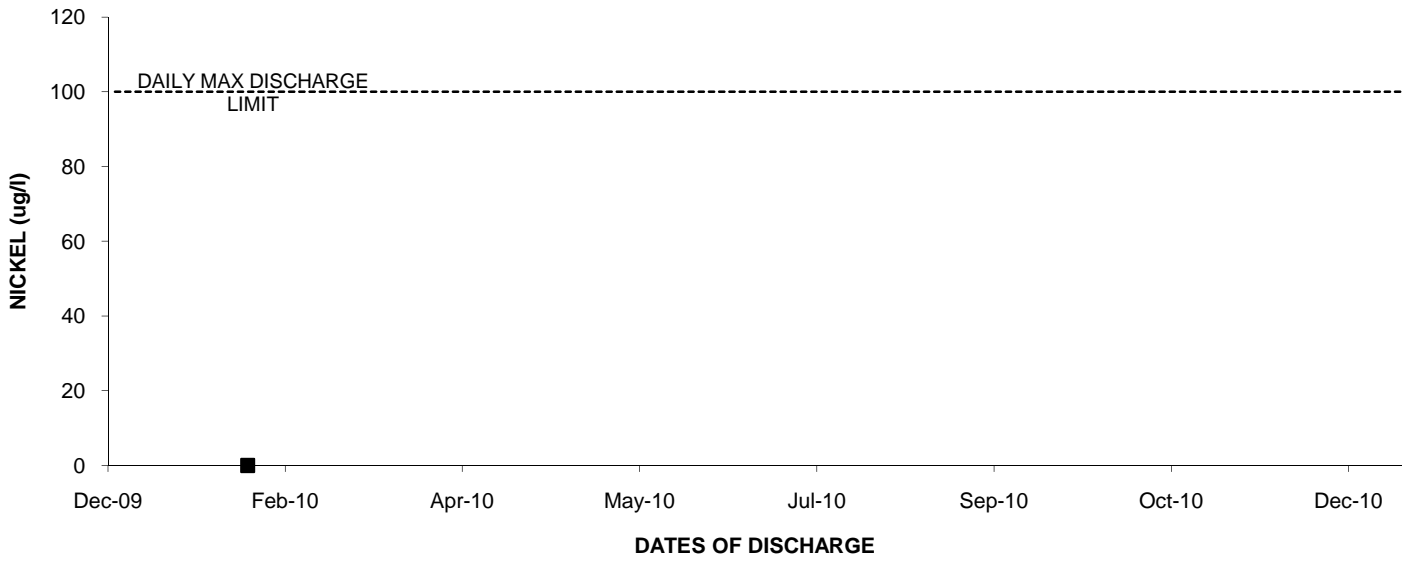
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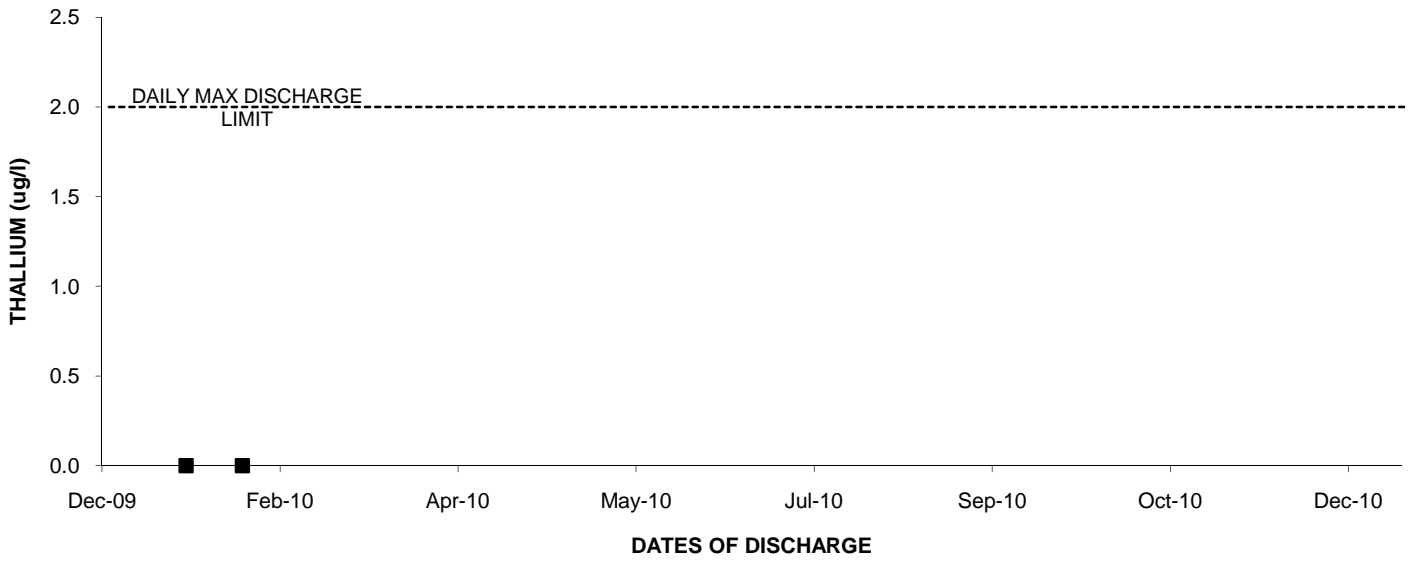
2010: Outfall 003 MERCURY



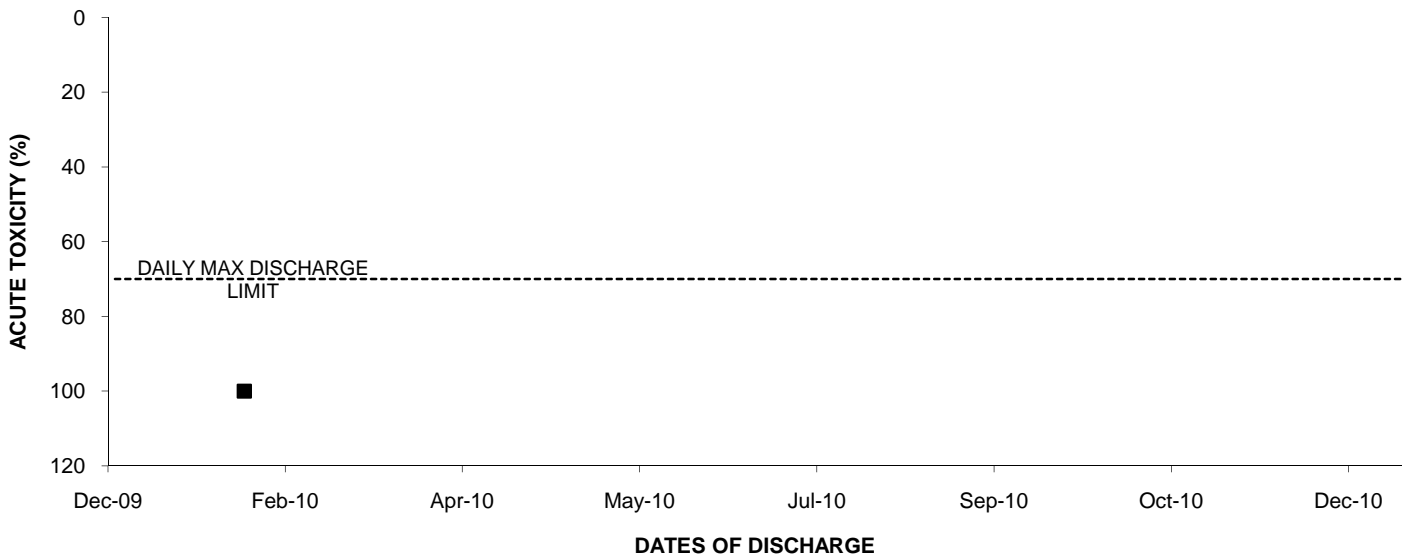
2010: Outfall 003 NICKEL



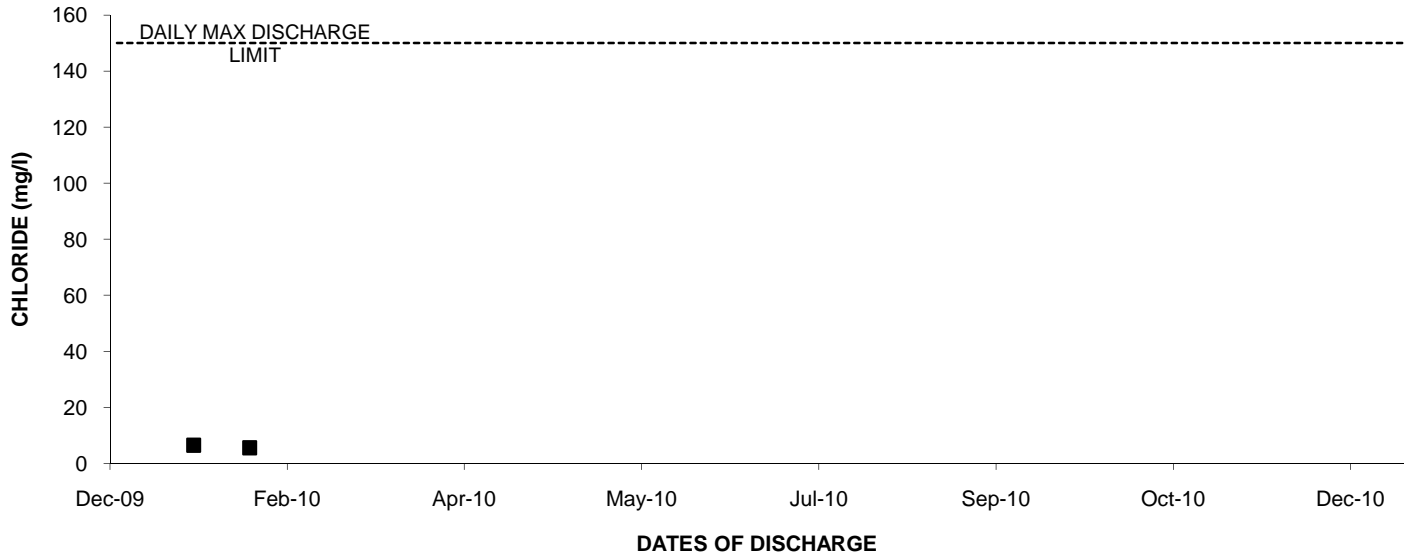
2010: Outfall 003 THALLIUM



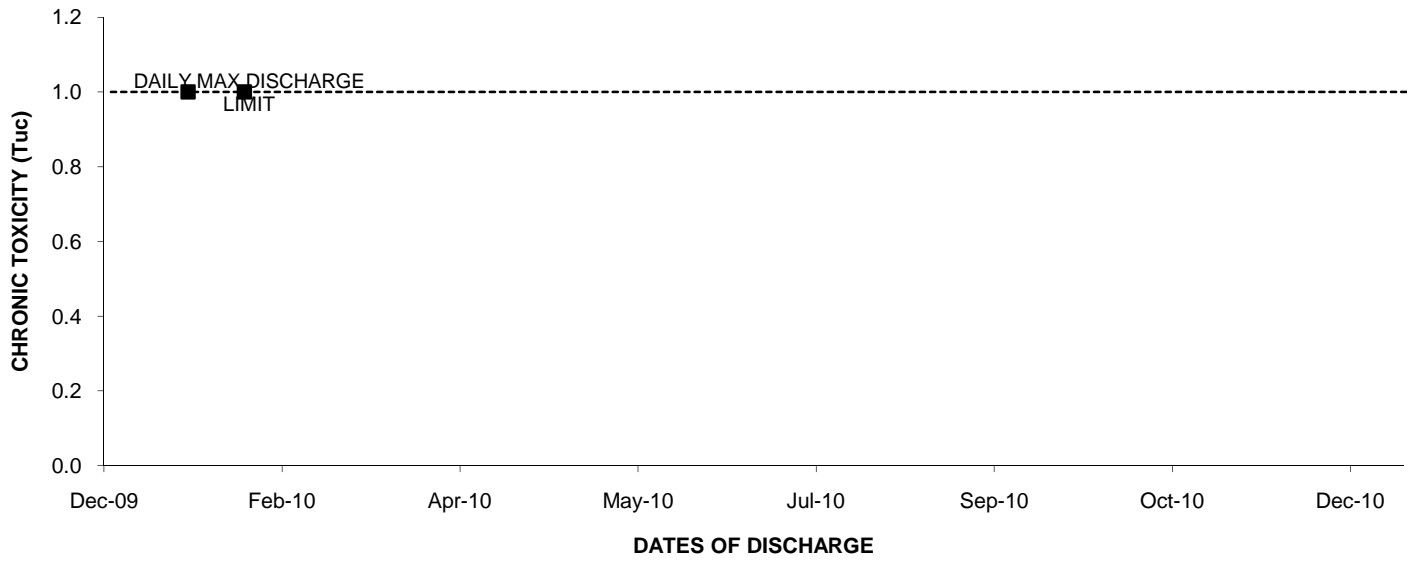
2010: Outfall 003 ACUTE TOXICITY



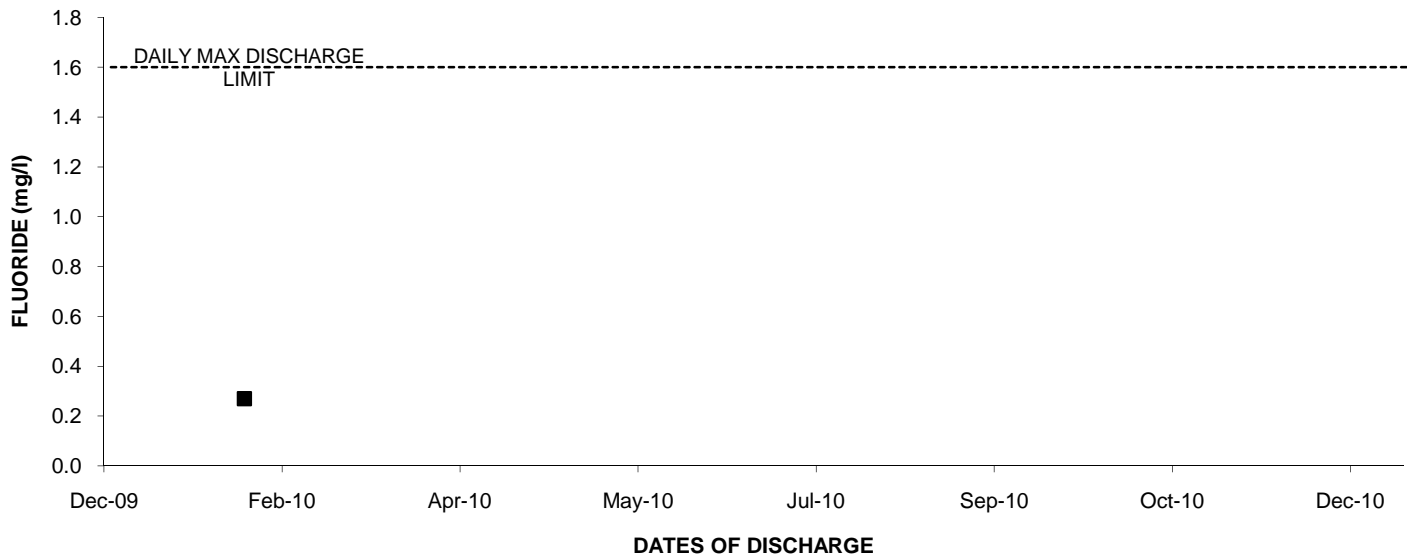
2010: Outfall 003 CHLORIDE



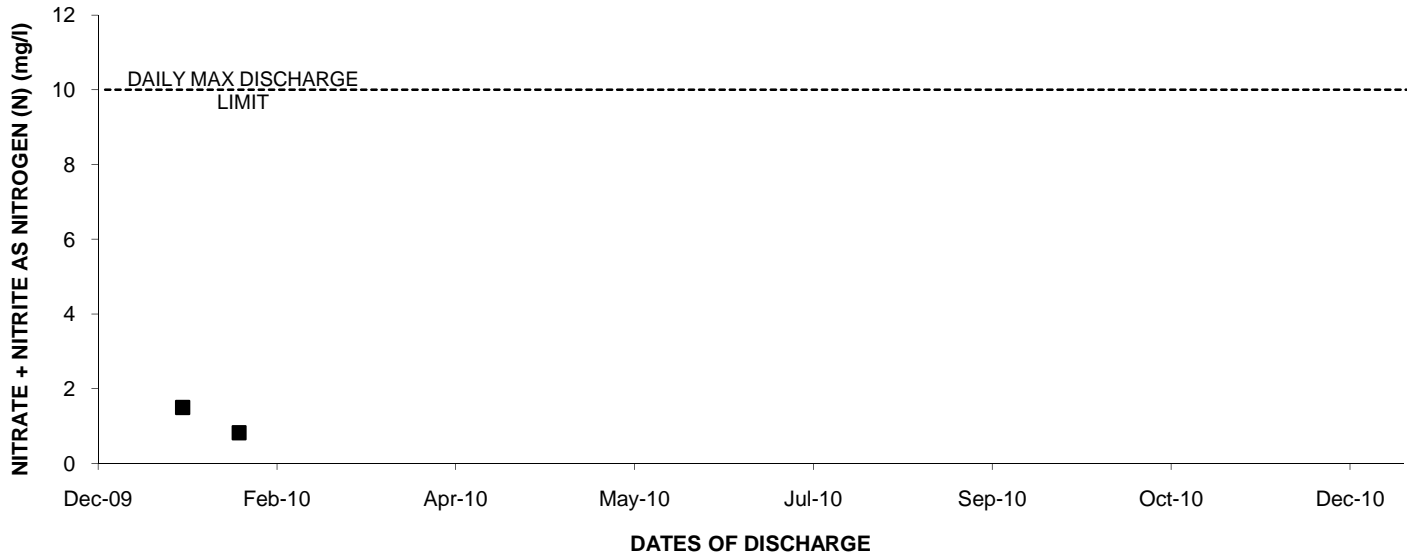
2010: Outfall 003 CHRONIC TOXICITY



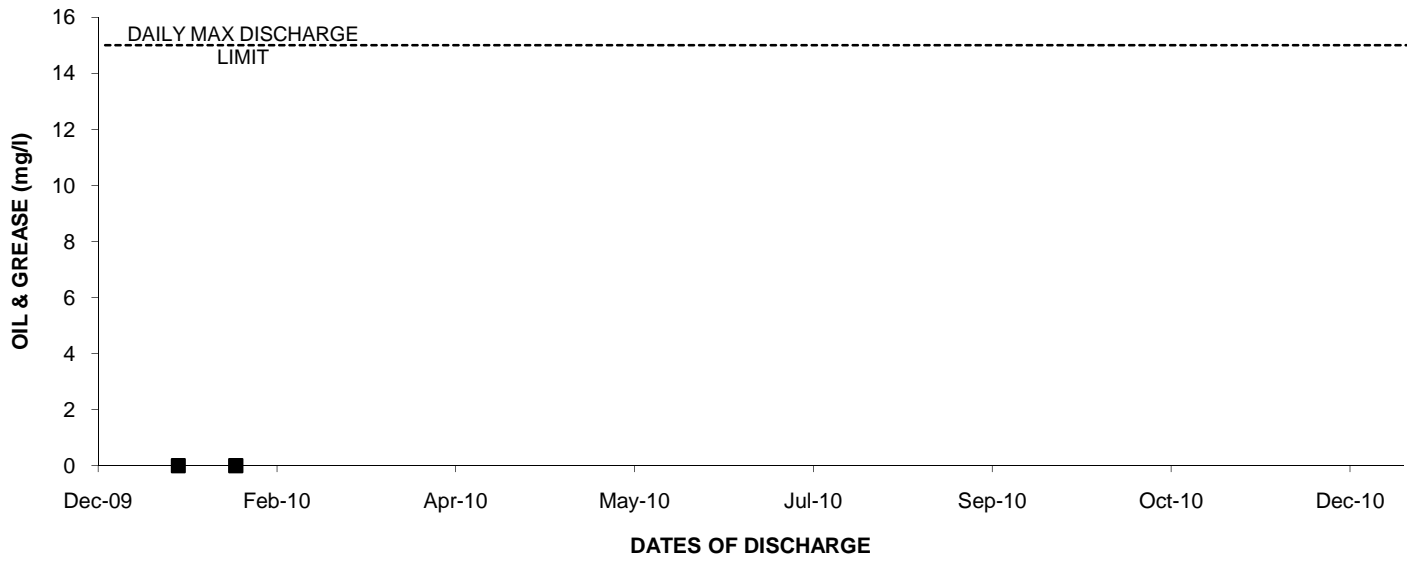
2010: Outfall 003 FLUORIDE



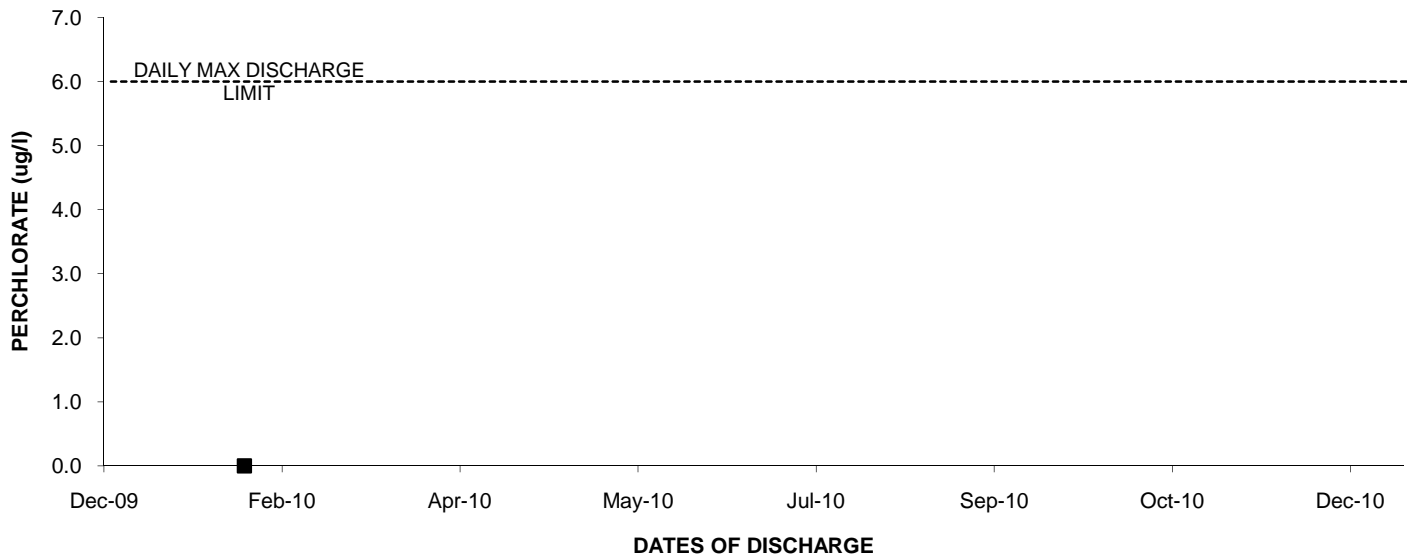
2010: Outfall 003 NITRATE + NITRITE AS NITROGEN (N)



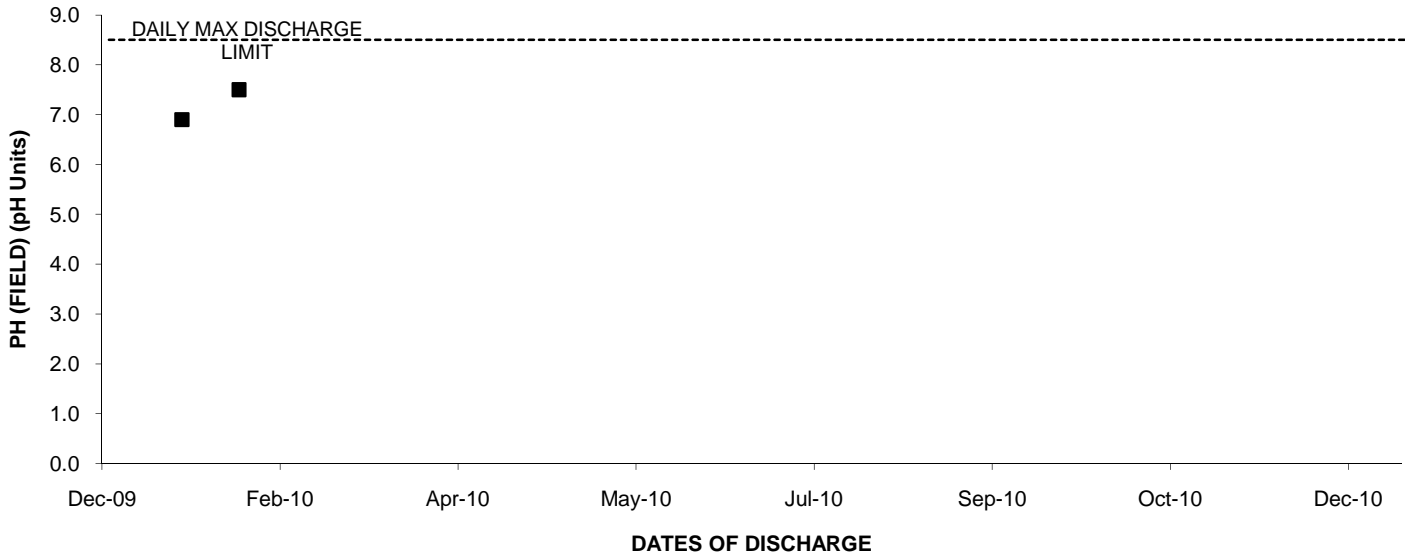
2010: Outfall 003 OIL & GREASE



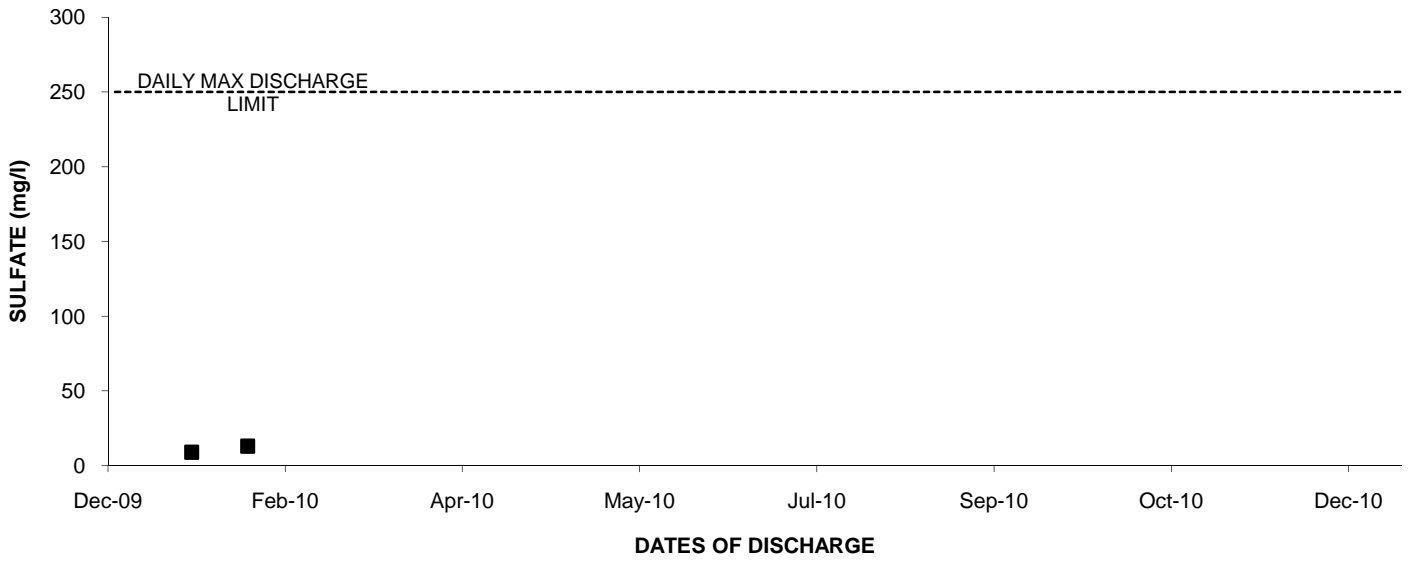
2010: Outfall 003 PERCHLORATE



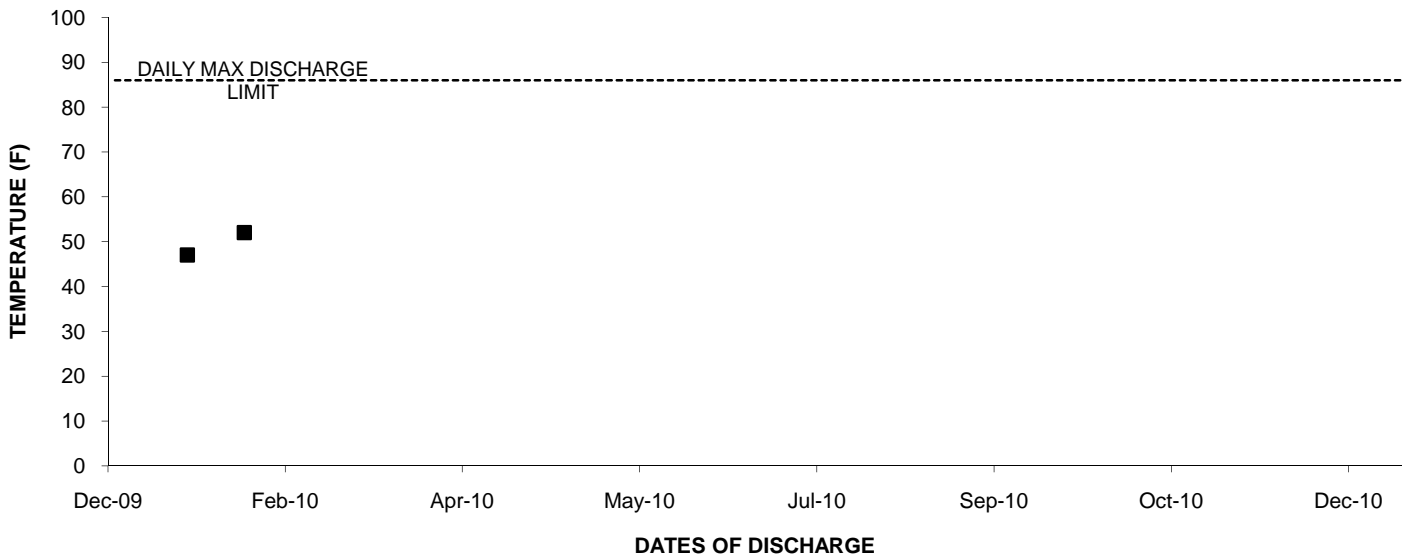
2010: Outfall 003 PH (FIELD)



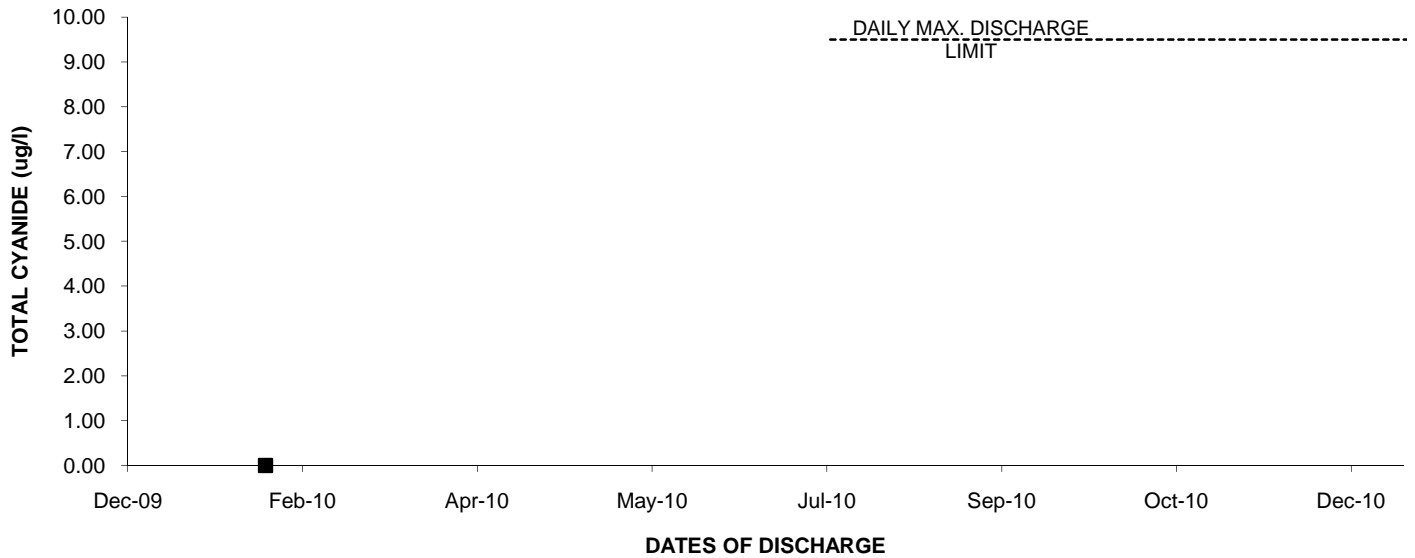
2010: Outfall 003 SULFATE



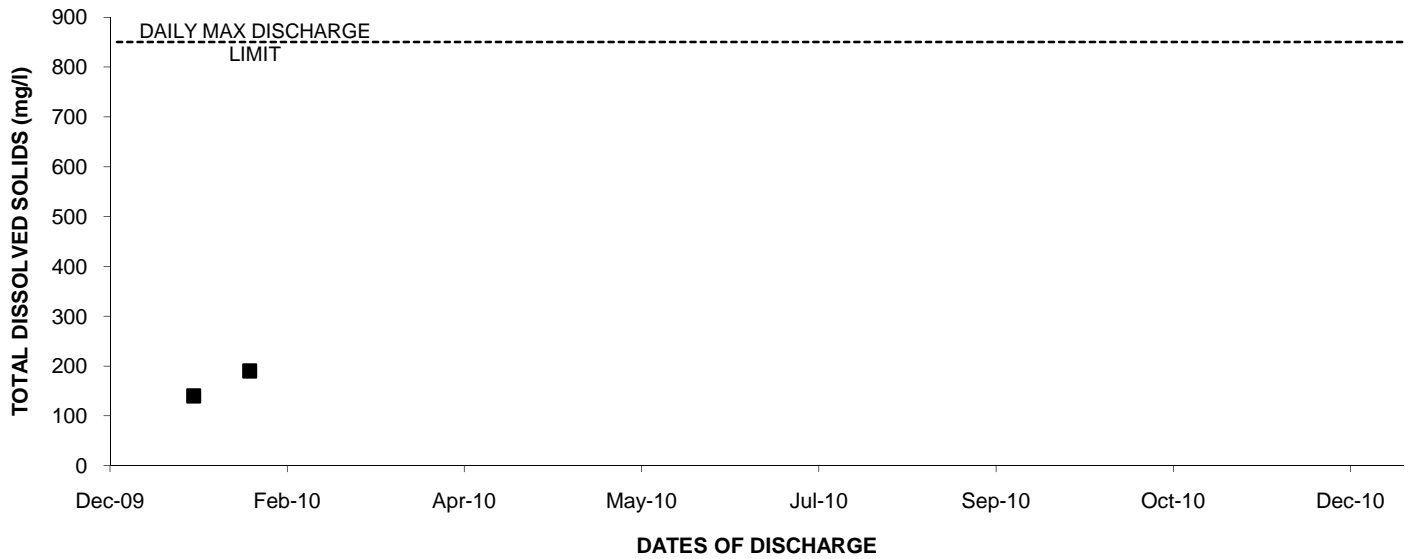
2010: Outfall 003 TEMPERATURE



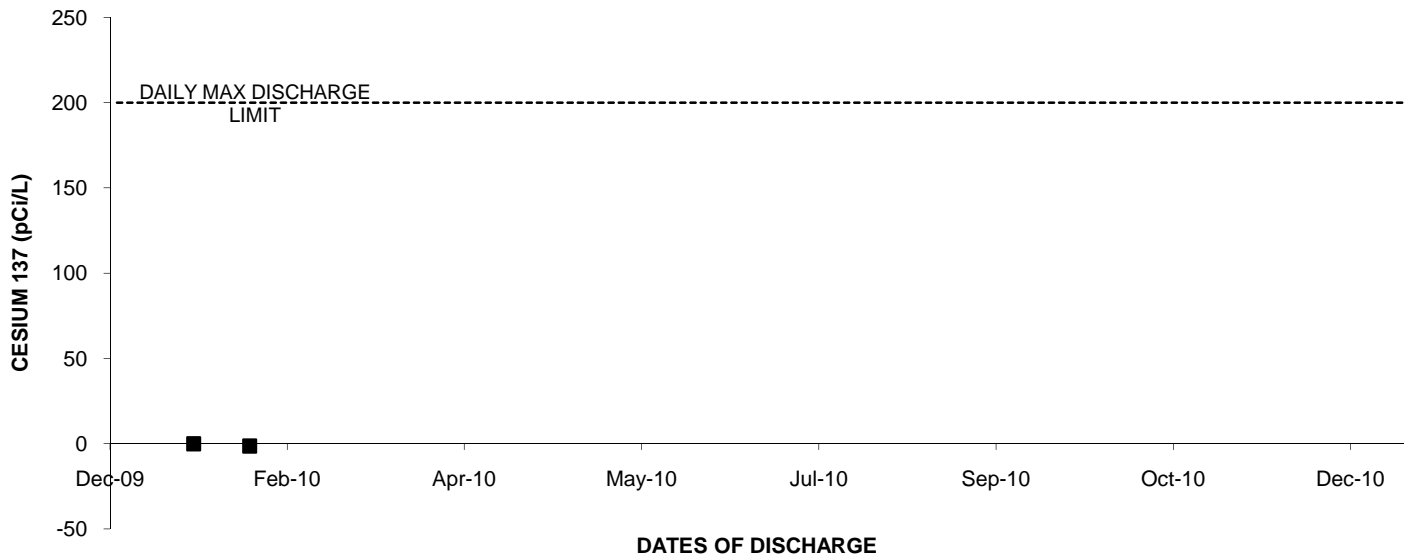
2010: Outfall 003 TOTAL CYANIDE



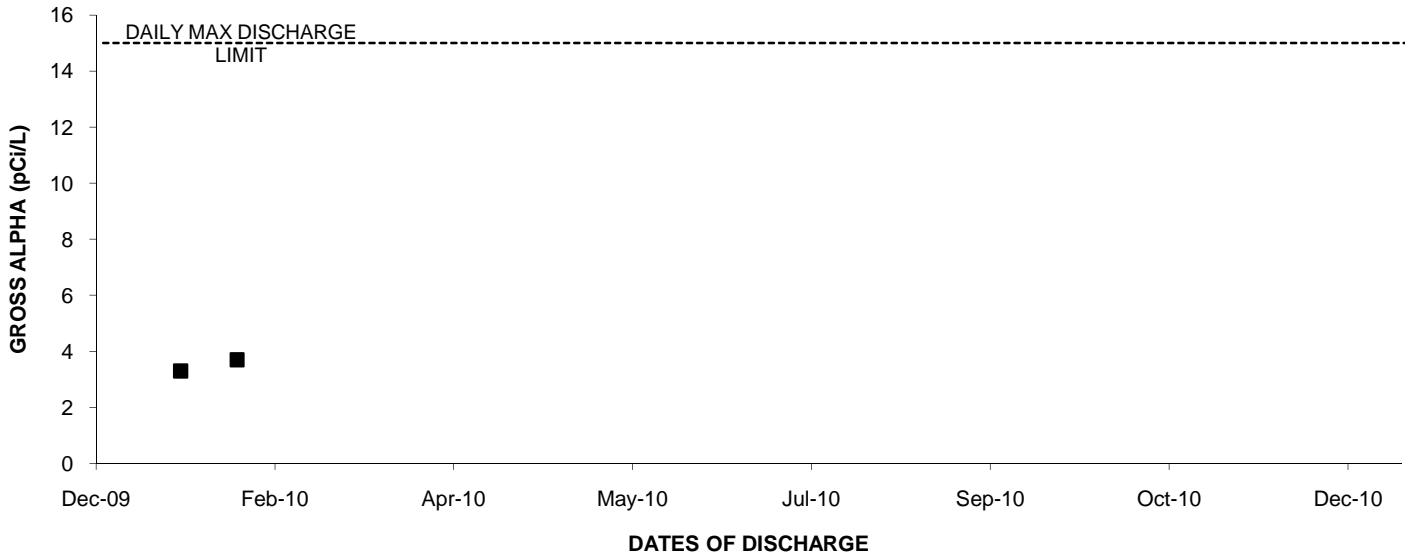
2010: Outfall 003 TOTAL DISSOLVED SOLIDS



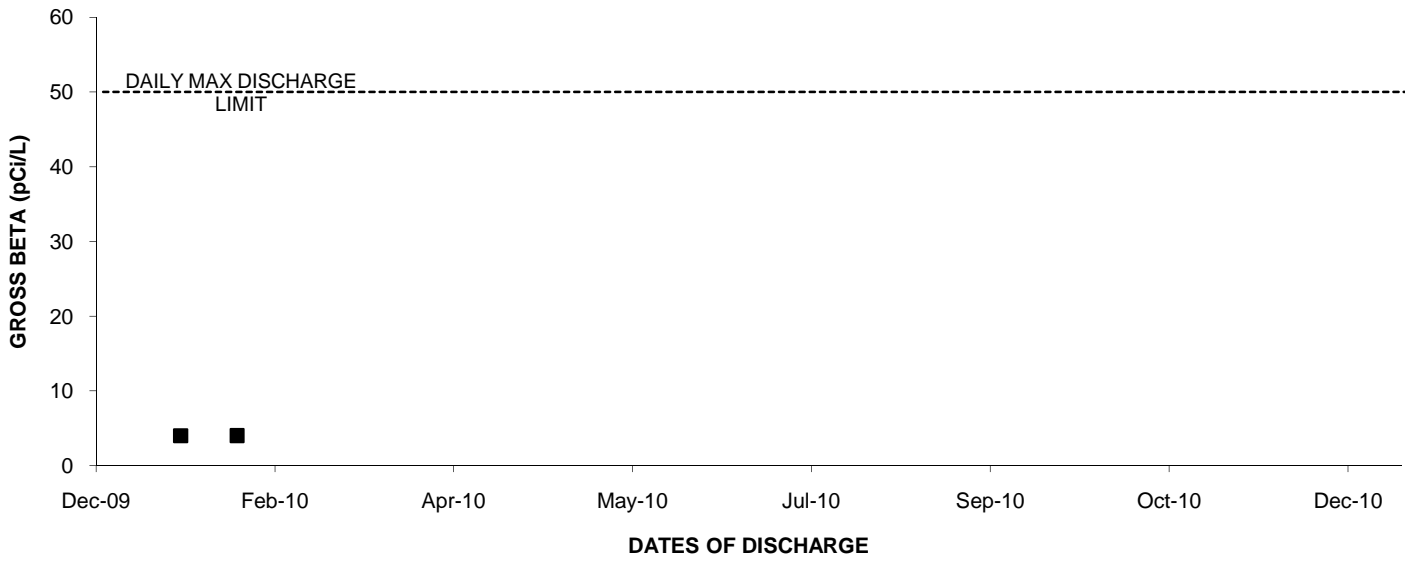
2010: Outfall 003 CESIUM 137



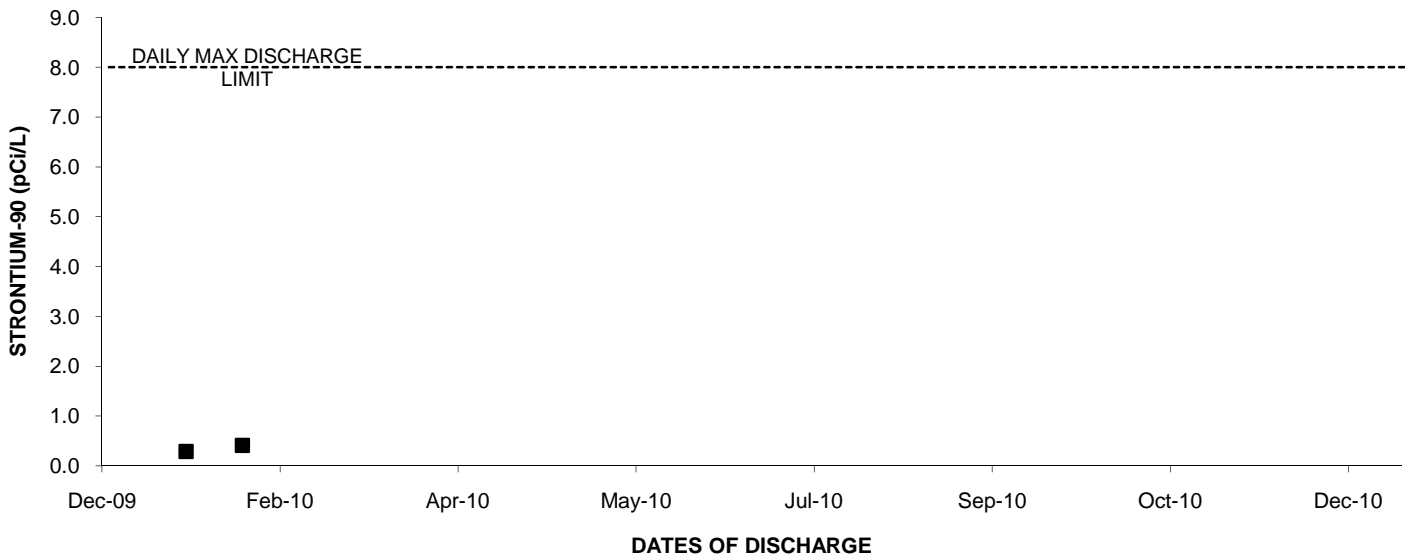
2010: Outfall 003 GROSS ALPHA



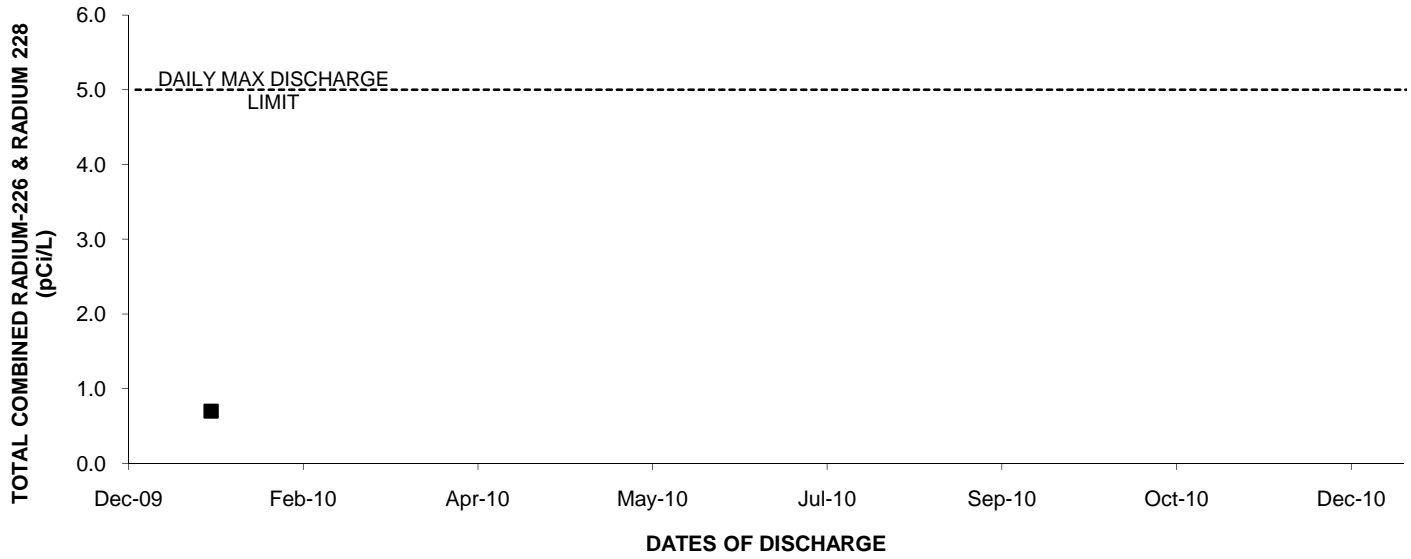
2010: Outfall 003 GROSS BETA



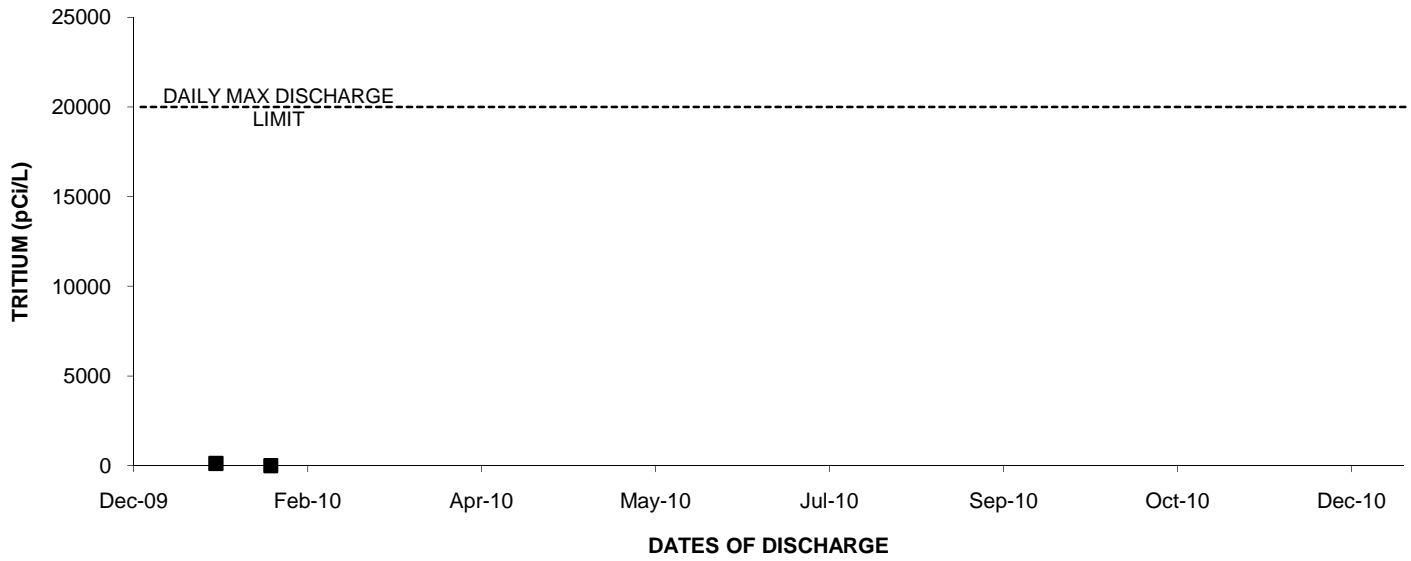
2010: Outfall 003 STRONTIUM-90



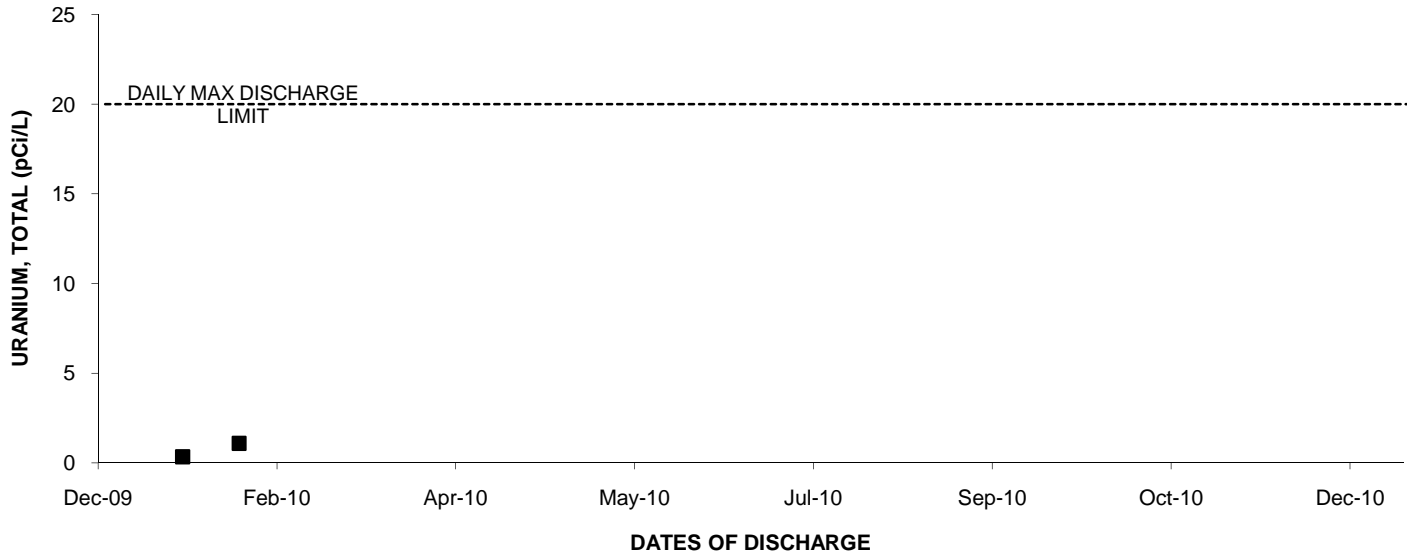
2010: Outfall 003 TOTAL COMBINED RADIUM-226 & RADIUM 228



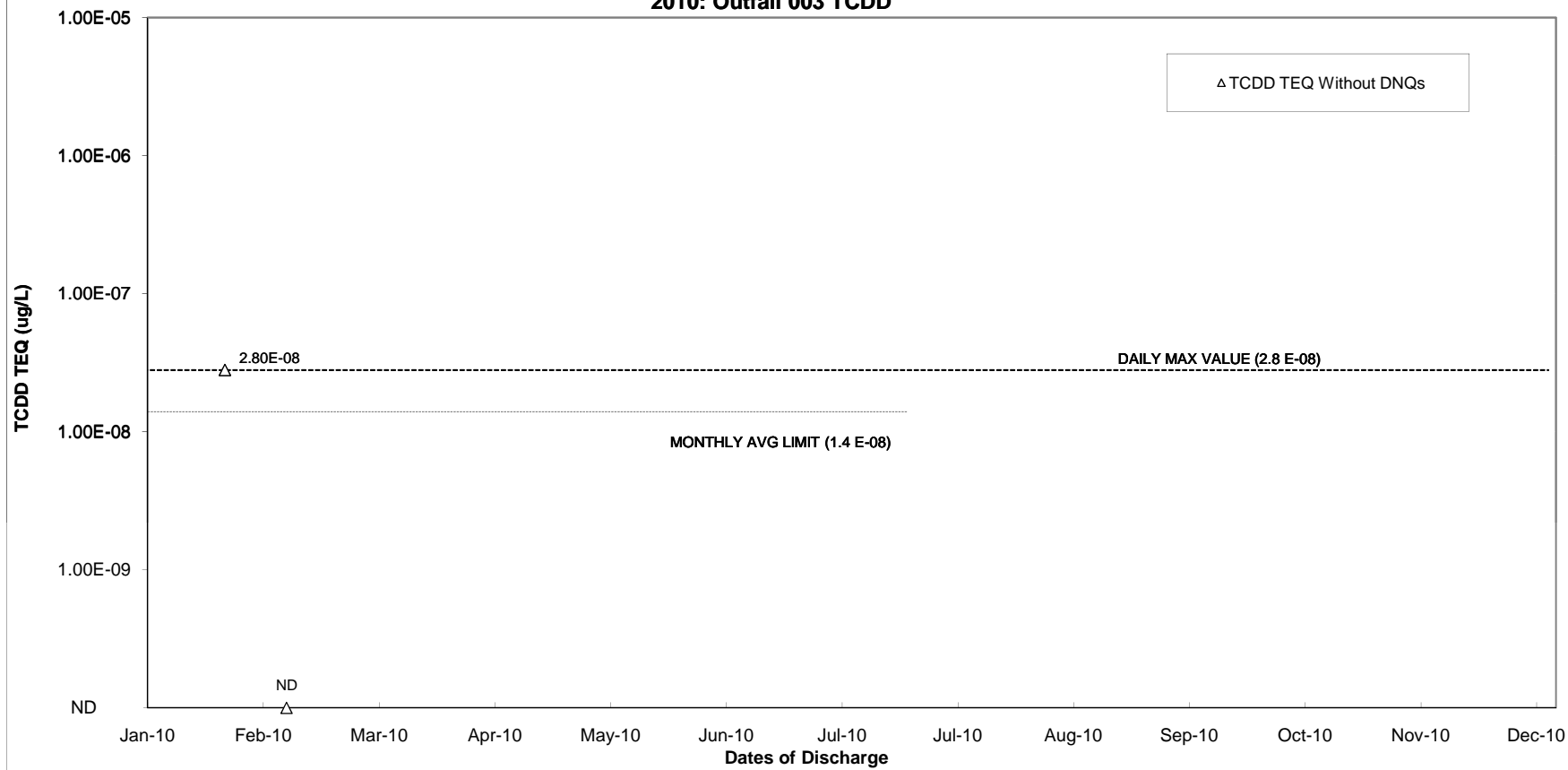
2010: Outfall 003 TRITIUM



2010: Outfall 003 URANIUM, TOTAL



2010: Outfall 003 TCDD



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