SECTION 2

OUTFALL 002 (SOUTH SLOPE BELOW R-2 POND)
ANNUAL 2012 REPORTING SUMMARY

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/11/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/-	Grab	0.280	J,DX* (DNQ)
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Grab	2.1	*
Chloride	mg/L	150/-	Grab	22	*
Dissolved Oxygen	mg/L	-/-	Grab	11.4	*
E. Coli	MPN/100mL	-/-	Grab	500	BU BV*
Fecal Coliform	MPN/100mL	-/-	Grab	500	BU BV*
Human Bacteroides	Ces/100 mL	-/-	Grab	ND	*
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	630	--
Surfactants (MBAS)	mg/L	0.5/-	Grab	0.074	J (DNQ)
Fluoride	mg/L	1.6/-	Grab	0.17	*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Grab	0.23	J,DX* (DNQ)
Nitrate as Nitrogen (N)	mg/L	8/-	Grab	0.23	*
Nitrite as Nitrogen (N)	mg/L	1/-	Grab	ND < 0.11	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.4	*
Perchlorate	ug/L	6.0/-	Grab	ND < 0.95	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.0	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Grab	130	*
Temperature	deg. F	86/-	Grab	51	*
Total Cyanide	ug/L	8.5/-	Grab	ND < 3.0	*
Total Dissolved Solids	mg/L	950/-	Grab	330	*
Hardness	mg/L	-/-	Grab	140	--
Hardness, dissolved	mg/L	-/-	Grab	130	--
Total Organic Carbon	mg/L	-/-	Grab	18	--
Total Residual Chlorine (Field)	mg/L	0.1/-	Grab	0.0	*
Total Suspended Solids	mg/L	45/-	Grab	13	*
Turbidity	NTU	-/-	Grab	2.6	J (C)
Volume Discharged	MGD	160/-	MEAS	0.00845	*
METALS					
Antimony	ug/L	6.0/-	Grab	0.30	J (DNQ)
Antimony, dissolved	ug/L	-/-	Grab	0.48	J (DNQ)
Arsenic	ug/L	10/-	Grab	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	Grab	ND < 7.0	U
Barium	mg/L	1.0/-	Grab	0.029	--
Barium, dissolved	mg/L	-/-	Grab	0.030	--
Beryllium	ug/L	4.0/-	Grab	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	Grab	ND < 0.90	U
Boron	mg/L	-/-	Grab	ND < 0.096	U (B)
Boron, dissolved	mg/L	-/-	Grab	ND < 0.092	U (B)
Cadmium	ug/L	3.1/-	Grab	ND < 0.10	U
Cadmium, dissolved	ug/L	-/-	Grab	ND < 0.10	U
Chromium	ug/L	16/-	Grab	ND < 2.0	U
Chromium, dissolved	ug/L	-/-	Grab	ND < 2.0	U
Chromium VI	ug/L	16/-	Grab	ND < 0.25	*
Cobalt	ug/L	-/-	Grab	0.20	J (DNQ)
Cobalt, dissolved	ug/L	-/-	Grab	0.20	J (DNQ)
Copper	ug/L	14/-	Grab	2.2	--
Copper, dissolved	ug/L	-/-	Grab	2.4	--

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

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/11/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Iron	mg/L	0.3/-	Grab	0.14	--
Iron, dissolved	mg/L	-/-	Grab	0.017	J (DNQ)
Lead	ug/L	5.2/-	Grab	ND < 0.20	U
Lead, dissolved	ug/L	-/-	Grab	ND < 0.20	U
Manganese	ug/L	50/-	Grab	12	J (DNQ)
Manganese, dissolved	ug/L	-/-	Grab	8.4	J (DNQ)
Mercury	ug/L	0.10/-	Grab	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Grab	ND < 0.10	U
Nickel	ug/L	96/-	Grab	ND < 2.0	U
Nickel, dissolved	ug/L	-/-	Grab	ND < 2.0	U
Selenium	ug/L	8.2/-	Grab	ND < 0.50	U
Selenium, dissolved	ug/L	-/-	Grab	ND < 0.50	U
Silver	ug/L	4.1/-	Grab	ND < 6.0	U
Silver, dissolved	ug/L	-/-	Grab	ND < 6.0	U
Thallium	ug/L	2.0/-	Grab	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	Grab	ND < 0.20	U
Vanadium	ug/L	-/-	Grab	ND < 3.0	U
Vanadium, dissolved	ug/L	-/-	Grab	ND < 3.0	U
Zinc	ug/L	119/-	Grab	ND < 6.0	U
Zinc, Dissolved	ug/L	-/-	Grab	ND < 6.0	U
ORGANICS					
Benzene	ug/L	-/-	Grab	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	Grab	ND < 0.28	*
Chloroform	ug/L	-/-	Grab	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	Grab	ND < 0.40	*
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	Grab	ND < 1.0	*
Ethylbenzene	ug/L	-/-	Grab	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	Grab	ND < 0.32	*
Toluene	ug/L	-/-	Grab	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	Grab	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	Grab	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	Grab	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	Grab	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	Grab	ND < 0.40	*
TPH					
DRO (C13 - C28)	mg/L	-/-	Grab	0.13	J (DNQ)
GRO (C4 - C12)	mg/L	-/-	Grab	0.046	J (DNQ)
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	Grab	ND < 1.1	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	Grab	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	Grab	ND < 0.0943	U
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.32	*
1,2-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.0943	U
1,2-Dichloropropane	ug/L	-/-	Grab	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	Grab	ND < 0.189	U

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OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/11/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.0943	U
1,3-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.35	*
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.189	U
1,4-Dichlorobenzene	ug/L	-/-	Grab	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	13/-	Grab	ND < 0.0943	U
2,4-Dichlorophenol	ug/L	-/-	Grab	ND < 0.189	U
2,4-Dimethylphenol	ug/L	-/-	Grab	ND < 0.283	U
2,4-Dinitrophenol	ug/L	-/-	Grab	ND < 0.849	U
2,4-Dinitrotoluene	ug/L	18/-	Grab	ND < 0.189	U
2,6-Dinitrotoluene	ug/L	-/-	Grab	ND < 0.0943	U
2-Chloroethylvinylether	ug/L	-/-	Grab	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	Grab	ND < 0.0943	U
2-Chlorophenol	ug/L	-/-	Grab	ND < 0.189	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	Grab	ND < 0.283	U
2-Methylnaphthalene	ug/L	-/-	Grab	ND < 0.189	U
2-Methylphenol	ug/L	-/-	Grab	ND < 0.0943	U
2-Nitrophenol	ug/L	-/-	Grab	ND < 0.0943	U
3,3'-Dichlorobenzidine	ug/L	-/-	Grab	ND < 0.472	U
4,4'-DDD	ug/L	-/-	Grab	ND < 0.0038	*
4,4'-DDE	ug/L	-/-	Grab	ND < 0.0029	*
4,4'-DDT	ug/L	-/-	Grab	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	Grab	ND < 0.189	U
4-Chloro-3-methylphenol	ug/L	-/-	Grab	ND < 0.189	U
4-Chloroaniline	ug/L	-/-	Grab	ND < 0.283	U
4-Chlorophenylphenylether	ug/L	-/-	Grab	ND < 0.189	U
4-Nitrophenol	ug/L	-/-	Grab	ND < 2.36	U
Acenaphthene	ug/L	-/-	Grab	ND < 0.189	U
Acenaphthylene	ug/L	-/-	Grab	ND < 0.189	U
Acrolein	ug/L	-/-	Grab	ND < 4.0	*
Acrylonitrile	ug/L	-/-	Grab	ND < 1.2	*
Acute Toxicity	% SURVIVAL	70-100/-	Grab	100	*
Aldrin	ug/L	-/-	Grab	ND < 0.0014	*
alpha-BHC	ug/L	0.03/-	Grab	ND < 0.0024	*
Aniline	ug/L	-/-	Grab	ND < 0.283	U
Anthracene	ug/L	-/-	Grab	ND < 0.0943	U
Aroclor-1016	ug/L	-/-	Grab	ND < 0.24	*
Aroclor-1221	ug/L	-/-	Grab	ND < 0.24	*
Aroclor-1232	ug/L	-/-	Grab	ND < 0.24	*
Aroclor-1242	ug/L	-/-	Grab	ND < 0.24	*
Aroclor-1248	ug/L	-/-	Grab	ND < 0.24	*
Aroclor-1254	ug/L	-/-	Grab	ND < 0.24	*
Aroclor-1260	ug/L	-/-	Grab	ND < 0.24	*
Benzidine	ug/L	-/-	Grab	ND < 0.943	UJ (C)
Benzo(a)anthracene	ug/L	-/-	Grab	ND < 0.0943	U
Benzo(a)pyrene	ug/L	-/-	Grab	ND < 0.0943	U
Benzo(b)fluoranthene	ug/L	-/-	Grab	ND < 0.0943	U
Benzo(g,h,I)perylene	ug/L	-/-	Grab	ND < 0.0943	U
Benzo(k)fluoranthene	ug/L	-/-	Grab	ND < 0.189	U
Benzoic acid	ug/L	-/-	Grab	2.96	J (C, DNQ)

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OUTFALL 002 (South Slope below R-2 Pond)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/11/2012		
ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Benzyl alcohol	ug/L	-/-	Grab	ND < 0.0943	U
beta-BHC	ug/L	-/-	Grab	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	Grab	ND < 0.0943	U
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Grab	ND < 1.60	U
bis(2-Chloroethoxy) methane	ug/L	-/-	Grab	ND < 0.0943	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	Grab	ND < 0.0943	U
Bromodichloromethane	ug/L	-/-	Grab	ND < 0.30	*
Bromoform	ug/L	-/-	Grab	ND < 0.40	*
Bromomethane	ug/L	-/-	Grab	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	Grab	ND < 0.660	U
Chlordane	ug/L	-/-	Grab	ND < 0.0076	*
Chlorobenzene	ug/L	-/-	Grab	ND < 0.36	*
Chloroethane	ug/L	-/-	Grab	ND < 0.40	*
Chloromethane	ug/L	-/-	Grab	ND < 0.40	*
Chronic Toxicity	TUC	1.0/-	Grab	1.0	*
Chrysene	ug/L	-/-	Grab	ND < 0.0943	U
cis-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.32	*
cis-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.22	*
Cyclohexane	ug/L	-/-	Grab	ND < 0.40	*
delta-BHC	ug/L	-/-	Grab	ND < 0.0033	*
Dibenzo(a,h)anthracene	ug/L	-/-	Grab	ND < 0.0943	U
Dibenzofuran	ug/L	-/-	Grab	ND < 0.0943	U
Dibromochloromethane	ug/L	-/-	Grab	ND < 0.40	*
Dieldrin	ug/L	-/-	Grab	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	Grab	ND < 0.0943	U
Dimethylphthalate	ug/L	-/-	Grab	ND < 0.189	U
Di-n-butylphthalate	ug/L	-/-	Grab	ND < 0.283	U
Di-n-octylphthalate	ug/L	-/-	Grab	ND < 0.189	U
Endosulfan I	ug/L	-/-	Grab	ND < 0.0029	*
Endosulfan II	ug/L	-/-	Grab	ND < 0.0019	*
Endosulfan sulfate	ug/L	-/-	Grab	ND < 0.0029	*
Endrin	ug/L	-/-	Grab	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	Grab	ND < 0.0019	*
Fluoranthene	ug/L	-/-	Grab	ND < 0.0943	U
Fluorene	ug/L	-/-	Grab	ND < 0.0943	U
Heptachlor	ug/L	-/-	Grab	ND < 0.0029	*
Heptachlor epoxide	ug/L	-/-	Grab	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	Grab	ND < 0.0943	U
Hexachlorobutadiene	ug/L	-/-	Grab	ND < 0.189	U
Hexachlorocyclopentadiene	ug/L	-/-	Grab	ND < 0.0943	UJ (C)
Hexachloroethane	ug/L	-/-	Grab	ND < 0.189	U
Hydrazine	ug/L	-/-	Grab	ND < 0.439	U
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	Grab	ND < 1.13	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	Grab	ND < 0.0943	U
Isophorone	ug/L	-/-	Grab	0.257	J (DNQ)
Lindane (gamma-BHC)	ug/L	-/-	Grab	ND < 0.0029	*
Methylene Chloride	ug/L	-/-	Grab	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	Grab	ND < 0.943	U
Monomethyl Hydrazine	ug/L	-/-	Grab	ND < 1.77	U

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NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/11/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Naphthalene	ug/L	-/-	Grab	ND < 0.0943	U
Nitrobenzene	ug/L	-/-	Grab	ND < 0.0943	U
n-Nitrosodimethylamine	ug/L	16/-	Grab	ND < 0.0943	UJ (L)
n-Nitroso-di-n-propylamine	ug/L	-/-	Grab	ND < 0.0943	U
n-Nitrosodiphenylamine	ug/L	-/-	Grab	ND < 0.0943	U
o-Nitroaniline	ug/L	-/-	Grab	ND < 0.0943	U
p-Cresol	ug/L	-/-	Grab	ND < 0.189	U
Pentachlorophenol	ug/L	16.5/-	Grab	ND < 0.377	U
Phenanthrene	ug/L	-/-	Grab	ND < 0.0943	U
Phenol	ug/L	-/-	Grab	ND < 0.283	UJ (C)
p-Nitroaniline	ug/L	-/-	Grab	ND < 0.472	U
Pyrene	ug/L	-/-	Grab	ND < 0.0943	U
Toxaphene	ug/L	-/-	Grab	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	Grab	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	Grab	ND < 0.32	*

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THE BOEING COMPANY
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January 1 through December 31, 2012

			4/13/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/-	Comp	0.280	J,DX* (DNQ)
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/-	Comp	1.7	J,DX* (DNQ)
Chloride	mg/L	150/-	Comp	23	*
Dissolved Oxygen	mg/L	-/-	Grab	9.24	*
E. Coli	MPN/100mL	-/-	ANR	ANR	ANR
Fecal Coliform	MPN/100mL	-/-	ANR	ANR	ANR
Human Bacteroides	Ces/100 mL	-/-	ANR	ANR	ANR
Specific Conductivity (Lab)	umhos/cm	-/-	Grab	650	--
Surfactants (MBAS)	mg/L	0.5/-	Comp	ND < 0.050	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	8/-	Comp	0.20	J,DX* (DNQ)
Nitrate as Nitrogen (N)	mg/L	8/-	Comp	0.20	*
Nitrite as Nitrogen (N)	mg/L	1/-	Comp	ND < 0.11	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	Comp	ND < 4.0	UJ (H, Q, $)
pH (Field)	pH units	6.5-8.5/-	Grab	7.3	*
Total Settleable Solids	ml/L	0.3/-	Grab	ND < 0.10	*
Sulfate	mg/L	300/-	Comp	160	*
Temperature	deg. F	86/-	Grab	57	*
Total Cyanide	ug/L	8.5/-	Comp	ND < 3.0	*
Total Dissolved Solids	mg/L	950/-	Comp	360	*
Hardness	mg/L	-/-	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR
Total Organic Carbon	mg/L	-/-	ANR	ANR	ANR
Total Residual Chlorine (Field)	mg/L	0.1/-	ANR	ANR	ANR
Total Suspended Solids	mg/L	45/-	Comp	53	--
Turbidity	NTU	-/-	Comp	52	J (R)
Volume Discharged	MGD	160/-	MEAS	1.11122	*
METALS					
Antimony	ug/L	6.0/-	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	ANR	ANR	ANR
Arsenic	ug/L	10/-	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR
Barium	mg/L	1.0/-	ANR	ANR	ANR
Barium, dissolved	mg/L	-/-	ANR	ANR	ANR
Beryllium	ug/L	4.0/-	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR
Boron	mg/L	-/-	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR
Cadmium	ug/L	3.1/-	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*
Chromium	ug/L	16/-	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR
Chromium VI	ug/L	16/-	ANR	ANR	ANR
Cobalt	ug/L	-/-	ANR	ANR	ANR
Cobalt, dissolved	ug/L	-/-	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	2.3	J,DX* (DNQ)
Copper, dissolved	ug/L	-/-	Comp	1.8	J,DX* (DNQ)

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THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/13/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Iron	mg/L	0.3/-	Comp	1.7	--
Iron, dissolved	mg/L	-/-	Comp	0.045	--
Lead	ug/L	5.2/-	Comp	0.87	J,DX* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*
Manganese	ug/L	50/-	ANR	ANR	ANR
Manganese, dissolved	ug/L	-/-	ANR	ANR	ANR
Mercury	ug/L	0.10/-	Comp	ND < 0.10	U
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U
Nickel	ug/L	96/-	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR
Selenium	ug/L	8.2/-	Comp	0.51	J,DX* (DNQ)
Selenium, dissolved	ug/L	-/-	Comp	ND < 0.50	*
Silver	ug/L	4.1/-	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR
Zinc	ug/L	119/-	Comp	8.3	J (DNQ)
Zinc, Dissolved	ug/L	-/-	Comp	ND < 6.0	U
ORGANICS					
Benzene	ug/L	-/-	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	0.5/-	Grab	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/-	Grab	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR
Trichloroethene	ug/L	5.0/-	Grab	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR
Vinyl Chloride	ug/L	-/-	ANR	ANR	ANR
TPH					
DRO (C13 - C28)	mg/L	-/-	ANR	ANR	ANR
GRO (C4 - C12)	mg/L	-/-	ANR	ANR	ANR
ADDITIONAL ANALYTES					
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/13/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	13/-	Comp	ND < 0.0943	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	18/-	Comp	ND < 0.189	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR
alpha-BHC	ug/L	0.03/-	Comp	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzo(g,h,I)perylene	ug/L	-/-	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/13/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	Comp	ND < 1.60	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR
Cyclohexane	ug/L	-/-	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR
Hydrazine	ug/L	-/-	ANR	ANR	ANR
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
Monomethyl Hydrazine	ug/L	-/-	ANR	ANR	ANR

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OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			4/13/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**SAMPLE TYPE**	**RESULT**	**VALIDATION QUALIFIER**
Naphthalene	ug/L	-/-	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	16/-	Comp	ND < 0.0943	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR
Pentachlorophenol	ug/L	16.5/-	Comp	ND < 0.377	*
Phenanthrene	ug/L	-/-	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR

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

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Type Grab
Sample Date April 11, 2012

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	BEF Great Lakes Water Quality Initiative	TCDD Equivalent (w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	1.10E-06	5.00E-05	3.70E-06	J (DNQ)		0.01	0.05	**ND**
1,2,3,4,6,7,8-HpCDF	1.30E-06	5.00E-05	ND	U (B)		0.01	0.01	**ND**
1,2,3,4,7,8,9-HpCDF	1.60E-06	5.00E-05	ND	UJ (*III)		0.01	0.4	**ND**
1,2,3,4,7,8-HxCDD	9.30E-07	5.00E-05	ND	U		0.1	0.3	**ND**
1,2,3,4,7,8-HxCDF	6.60E-07	5.00E-05	ND	UJ (*III)		0.1	0.08	**ND**
1,2,3,6,7,8-HxCDD	1.00E-06	5.00E-05	ND	U		0.1	0.1	**ND**
1,2,3,6,7,8-HxCDF	7.00E-07	5.00E-05	ND	U		0.1	0.2	**ND**
1,2,3,7,8,9-HxCDD	1.50E-06	5.00E-05	ND	U		0.1	0.1	**ND**
1,2,3,7,8,9-HxCDF	7.60E-07	5.00E-05	1.60E-06	J (DNQ)		0.1	0.6	**ND**
1,2,3,7,8-PeCDD	2.00E-06	5.00E-05	ND	U		1	0.9	**ND**
1,2,3,7,8-PeCDF	1.50E-06	5.00E-05	ND	U		0.05	0.2	**ND**
2,3,4,6,7,8-HxCDF	6.50E-07	5.00E-05	1.20E-06	J (DNQ)		0.1	0.7	**ND**
2,3,4,7,8-PeCDF	1.60E-06	5.00E-05	ND	U		0.5	1.6	**ND**
2,3,7,8-TCDD	3.60E-07	1.00E-05	ND	U		1	1	**ND**
2,3,7,8-TCDF	1.50E-06	1.00E-05	ND	U		0.1	0.8	**ND**
OCDD	1.60E-06	1.00E-04	ND	UJ (*III)		0.0001	0.01	**ND**
OCDF	2.50E-06	1.00E-04	ND	U (B)		0.0001	0.02	**ND**

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

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

Sample Type Composite
Sample Date April 13, 2012

ANALYTE	LAB LOD (ug/L)	LAB RL (ug/L)	LAB RESULT (ug/L)	VALIDATION QUALIFIER		1998 WHO TEF	Water Quality Initiative	(w/out DNQ Values) (ug/L)
1,2,3,4,6,7,8-HpCDD	3.00E-08	5.00E-05	ND	U (B)		0.01	0.05	**ND**
1,2,3,4,6,7,8-HpCDF	1.00E-08	5.00E-05	ND	U (B)		0.01	0.01	**ND**
1,2,3,4,7,8,9-HpCDF	1.40E-07	5.00E-05	ND	U (B)		0.01	0.4	**ND**
1,2,3,4,7,8-HxCDD	6.80E-07	5.00E-05	ND	U		0.1	0.3	**ND**
1,2,3,4,7,8-HxCDF	4.00E-08	5.00E-05	ND	U (B)		0.1	0.08	**ND**
1,2,3,6,7,8-HxCDD	8.90E-07	5.00E-05	ND	U		0.1	0.1	**ND**
1,2,3,6,7,8-HxCDF	3.00E-08	5.00E-05	ND	U (B)		0.1	0.2	**ND**
1,2,3,7,8,9-HxCDD	6.70E-07	5.00E-05	ND	U		0.1	0.1	**ND**
1,2,3,7,8,9-HxCDF	4.00E-08	5.00E-05	ND	U (B)		0.1	0.6	**ND**
1,2,3,7,8-PeCDD	3.70E-07	5.00E-05	ND	U		1	0.9	**ND**
1,2,3,7,8-PeCDF	3.40E-07	5.00E-05	ND	U (B)		0.05	0.2	**ND**
2,3,4,6,7,8-HxCDF	3.00E-08	5.00E-05	ND	U (B)		0.1	0.7	**ND**
2,3,4,7,8-PeCDF	3.50E-07	5.00E-05	ND	U		0.5	1.6	**ND**
2,3,7,8-TCDD	7.70E-07	1.00E-05	ND	U		1	1	**ND**
2,3,7,8-TCDF	2.20E-06	1.00E-05	ND	U		0.1	0.8	**ND**
OCDD	4.00E-08	1.00E-04	1.10E-04	--		0.0001	0.01	**1.10E-10**
OCDF	7.00E-08	1.00E-04	ND	U (B)		0.0001	0.02	**ND**

TCDD TEQ w/out DNQ Values	**1.10E-10**

TCDD TEQ BENCHMARK LIMIT = 2.80E-08

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

OUTFALL 002 (South Slope below R-2 Pond)

ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

			04/11/2012 (Grab)			04/13/2012 (Comp)		
ANALYTE	**UNITS**	**Benchmark Limit Daily Max/Monthly Avg**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	0.226 ± 0.51	0.872	UJ (C)	1.34 ± 0.81	1.26	J (C, DNQ)
Gross Beta	pCi/L	50/-	4.16 ± 0.89	1.26	--	4.81 ± 0.97	1.44	--
Strontium-90	pCi/L	8.0/-	0.378 ± 0.45	0.901	U	-0.131 ± 0.33	0.835	UJ (L)
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.33 ± 0.34	0.88	U	0.56 ± 0.38	0.97	U
Tritium	pCi/L	20000/-	5.22 ± 100	172	U	19.4 ± 88	148	U
Potassium-40	pCi/L	-/-	-7.2 ± 0.18	31.8	U	-4.54 ± 15	26.9	U
Uranium, Total	pCi/L	20/-	0.147 ± 0.018	0.019	J (DNQ)	0.172 ± 0.020	0.018	J (L,DNQ)
Cesium 137	pCi/L	200/-	-0.824 ± 1.8	3.23	U	0.152 ± 1.3	1.58	U

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

OUTFALL 002 (South Slope below R-2 Pond)

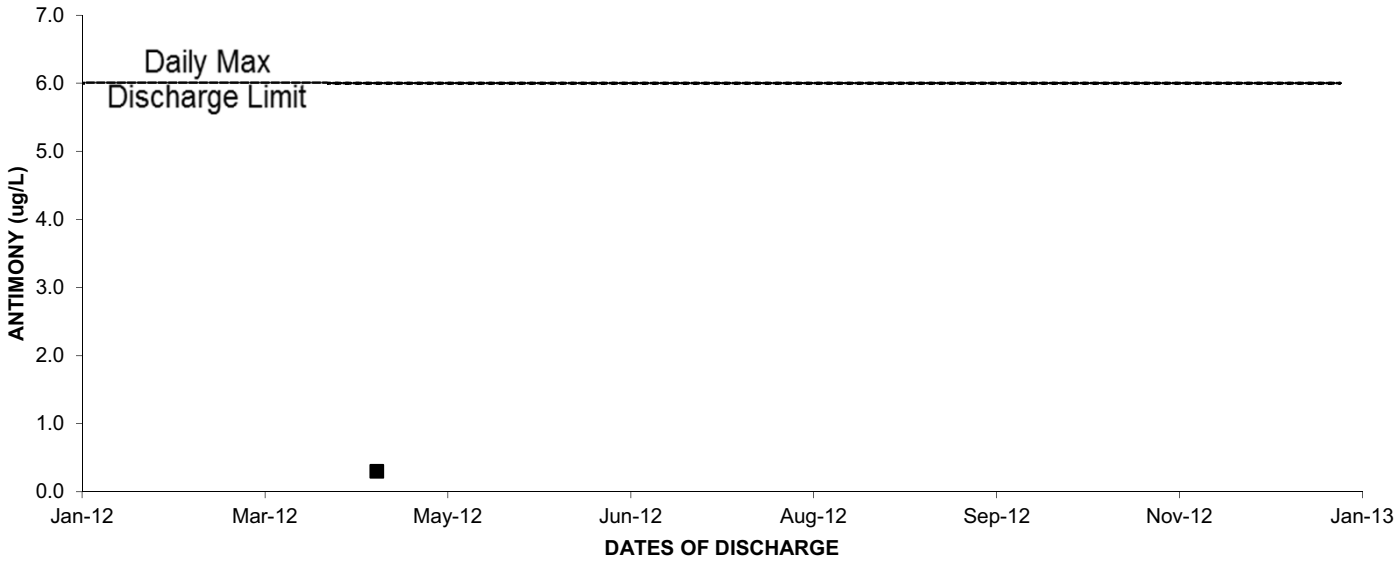
ANNUAL 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2012

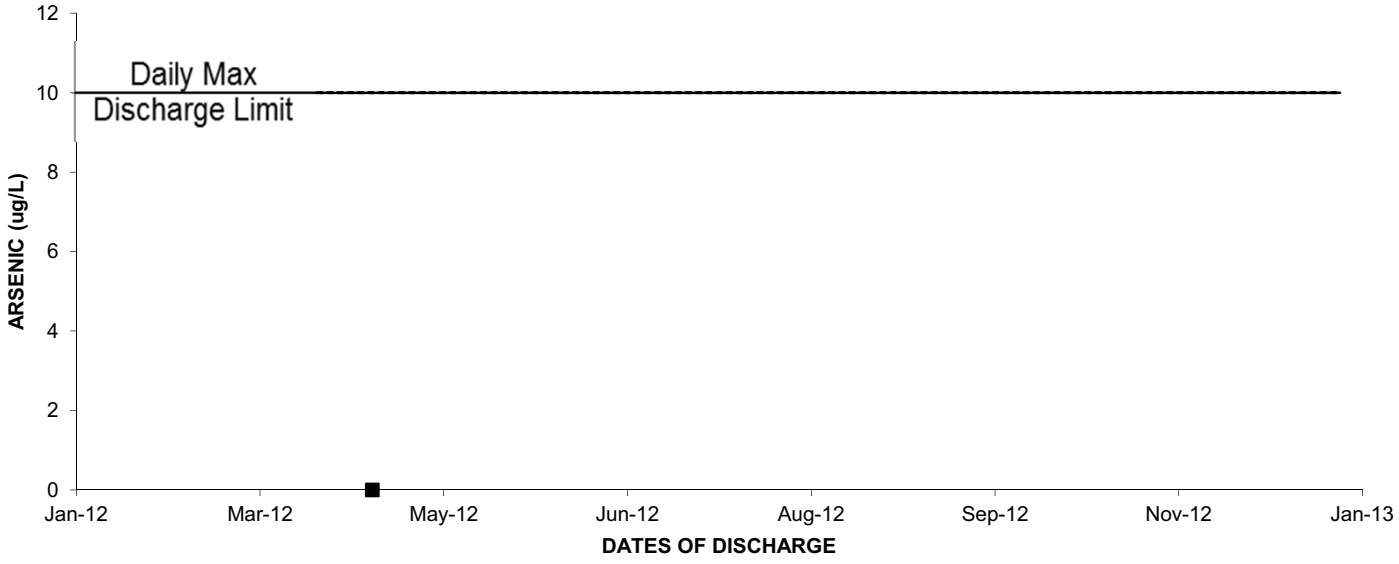
			4/11/2012			4/13/2012		
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Sample Type**	**Result**	**Concentration Result Validation Qualifier**	**Sample Type**	**Result**	**Concentration Result Validation Qualifier**
Max Discharge for event	MGD	160	Meas	0.0085		Meas	1.11122	
Ammonia as Nitrogen (N)	LBS/DAY	13,500/-	Grab	0.02	J,DX* (DNQ)	Comp	2.59	J,DX* (DNQ)
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/-	Grab	0.15	*	Comp	15.75	J,DX* (DNQ)
Chloride	LBS/DAY	200,160/-	Grab	1.55	*	Comp	213.15	*
Surfactants (MBAS)	LBS/DAY	667/-	Grab	0.01	J (DNQ)	Comp	ND	*
Fluoride	LBS/DAY	2,135/-	Grab	0.01	*	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	Grab	0.02	J,DX* (DNQ)	Comp	1.85	J,DX* (DNQ)
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	Grab	0.02	*	Comp	1.85	*
Nitrite as Nitrogen (N)	LBS/DAY	1,334/-	Grab	ND	*	Comp	ND	*
Oil & Grease	LBS/DAY	20,016/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	8.0/-	Grab	ND	U	Comp	ND	UJ (H, Q, $)
Sulfate	LBS/DAY	400,320/-	Grab	9.16	*	Comp	1482.81	*
Total Cyanide	LBS/DAY	11/-	Grab	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	Grab	23.26	*	Comp	3336.33	*
Total Residual Chlorine (Field)	LBS/DAY	133/-	Grab	0.00	*	ANR	ANR	ANR
Total Suspended Solids	LBS/DAY	60,048/-	Grab	0.92	*	Comp	491.18	--
Antimony	LBS/DAY	8.0/-	Grab	0.00002	J (DNQ)	ANR	ANR	ANR
Arsenic	LBS/DAY	67/-	Grab	ND	U	ANR	ANR	ANR
Barium	LBS/DAY	1,330/-	Grab	0.002	--	ANR	ANR	ANR
Beryllium	LBS/DAY	5.3/-	Grab	ND	U	ANR	ANR	ANR
Cadmium	LBS/DAY	4.1/-	Grab	ND	U	Comp	ND	*
Chromium VI	LBS/DAY	22/-	Grab	ND	*	ANR	ANR	ANR
Copper	LBS/DAY	19/-	Grab	0.0002	--	Comp	0.02	--
Iron	LBS/DAY	400/-	Grab	0.01	--	Comp	15.75	--
Lead	LBS/DAY	6.9/-	Grab	ND	U	Comp	0.01	J,DX* (DNQ)
Manganese	LBS/DAY	66.7/-	Grab	0.001	J (DNQ)	ANR	ANR	ANR
Mercury	LBS/DAY	0.13/-	Grab	ND	U	Comp	ND	U
Nickel	LBS/DAY	128/-	Grab	ND	U	ANR	ANR	ANR
Selenium	LBS/DAY	11/-	Grab	ND	U	Comp	0.005	J,DX* (DNQ)
Silver	LBS/DAY	5.5/-	Grab	ND	U	ANR	ANR	ANR
Thallium	LBS/DAY	2.7/-	Grab	ND	U	ANR	ANR	ANR
Zinc	LBS/DAY	159/-	Grab	ND	U	Comp	0.08	J (DNQ)
1,2-Dichloroethane	LBS/DAY	0.67/-	Grab	ND	*	Grab	ND	*
1,1-Dichloroethene	LBS/DAY	8.0/-	Grab	ND	*	Grab	ND	*
Trichloroethene	LBS/DAY	6.7/-	Grab	ND	*	Grab	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/-	Grab	ND	U	Comp	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/-	Grab	ND	U	Comp	ND	*
alpha-BHC	LBS/DAY	0.04/-	Grab	ND	*	Comp	ND	*
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	Grab	ND	U	Comp	ND	*
n-Nitrosodimethylamine	LBS/DAY	22/-	Grab	ND	UJ (L)	Comp	ND	*
Pentachlorophenol	LBS/DAY	22/-	Grab	ND	U	Comp	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/-	Grab	ND	--	Comp	1.02E-12	--

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

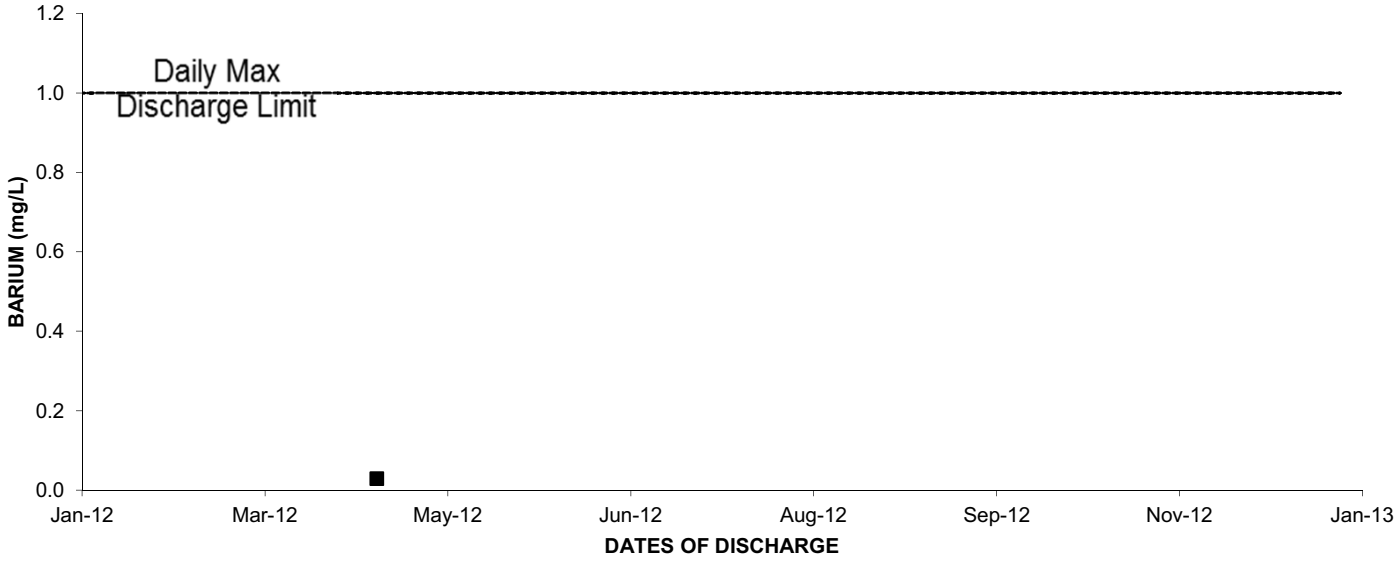
2012: OUTFALL 002 ANTIMONY



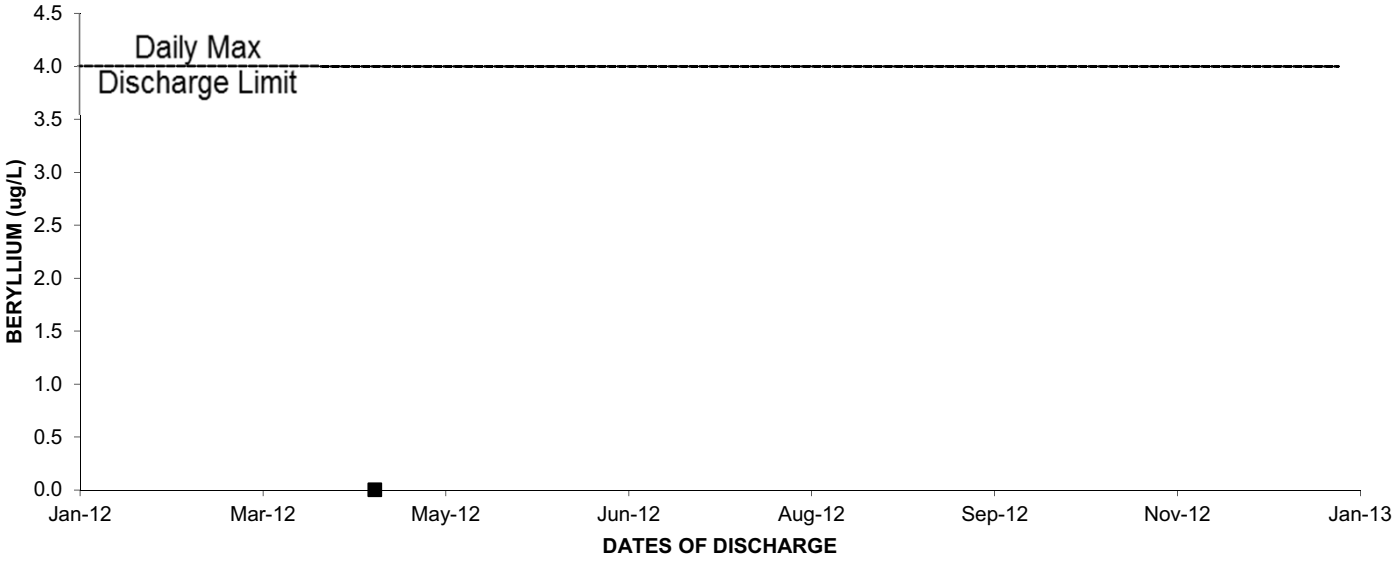
2012: OUTFALL 002 ARSENIC



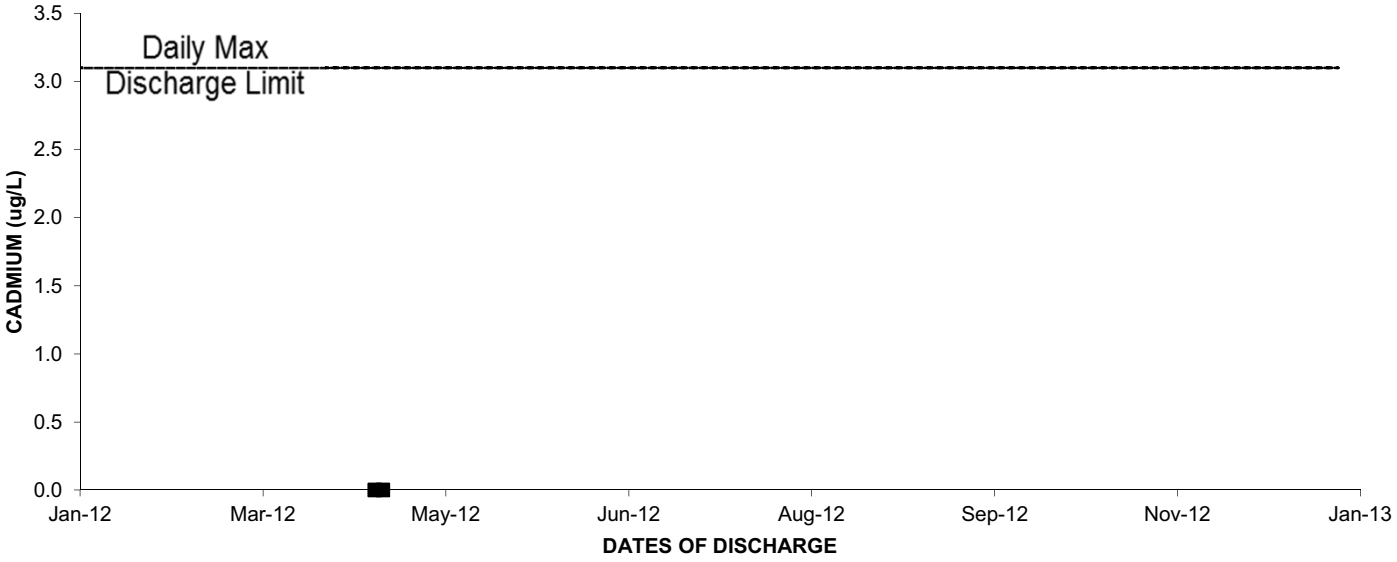
2012: OUTFALL 002 BARIUM



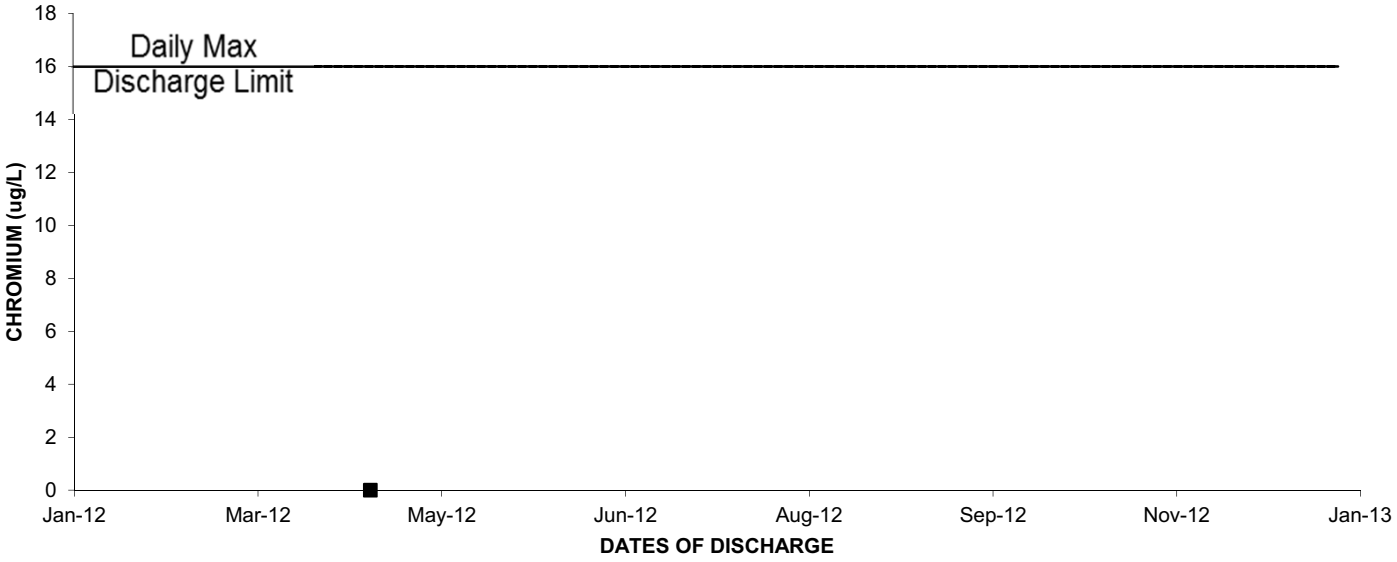
2012: OUTFALL 002 BERYLLIUM

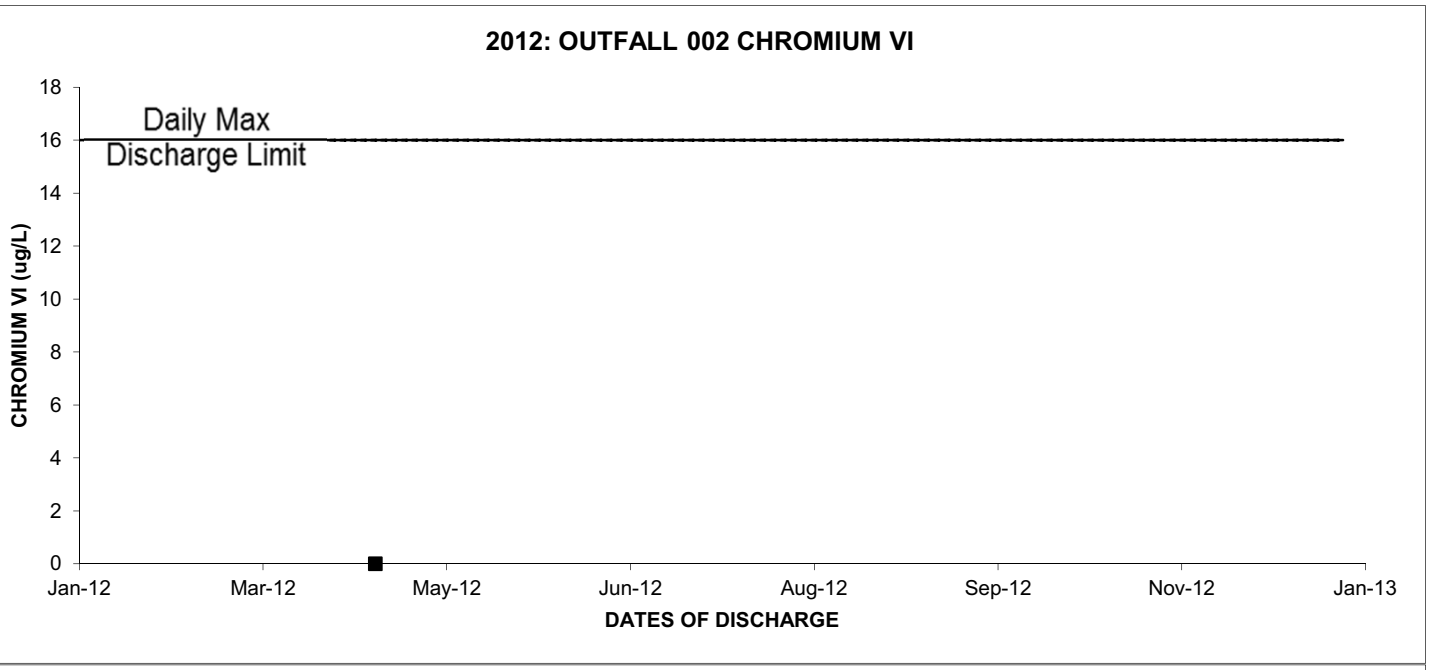


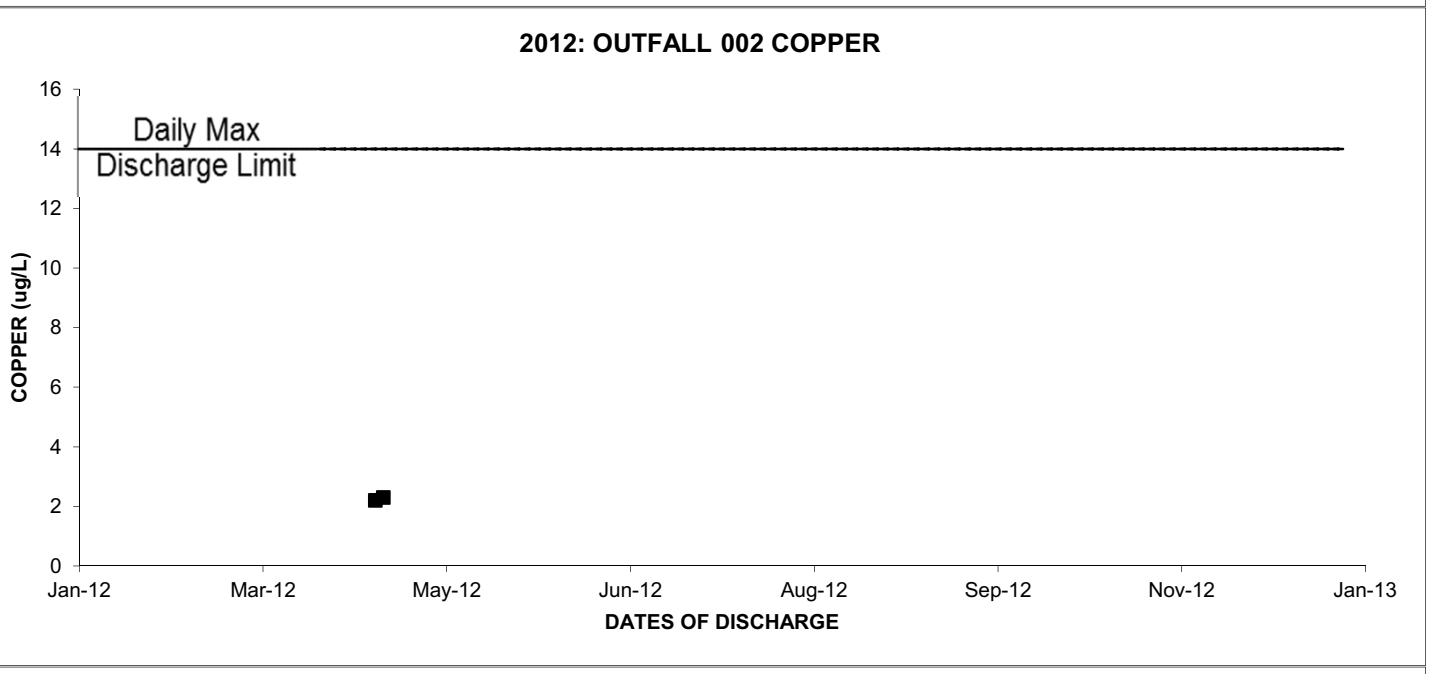
2012: OUTFALL 002 CADMIUM

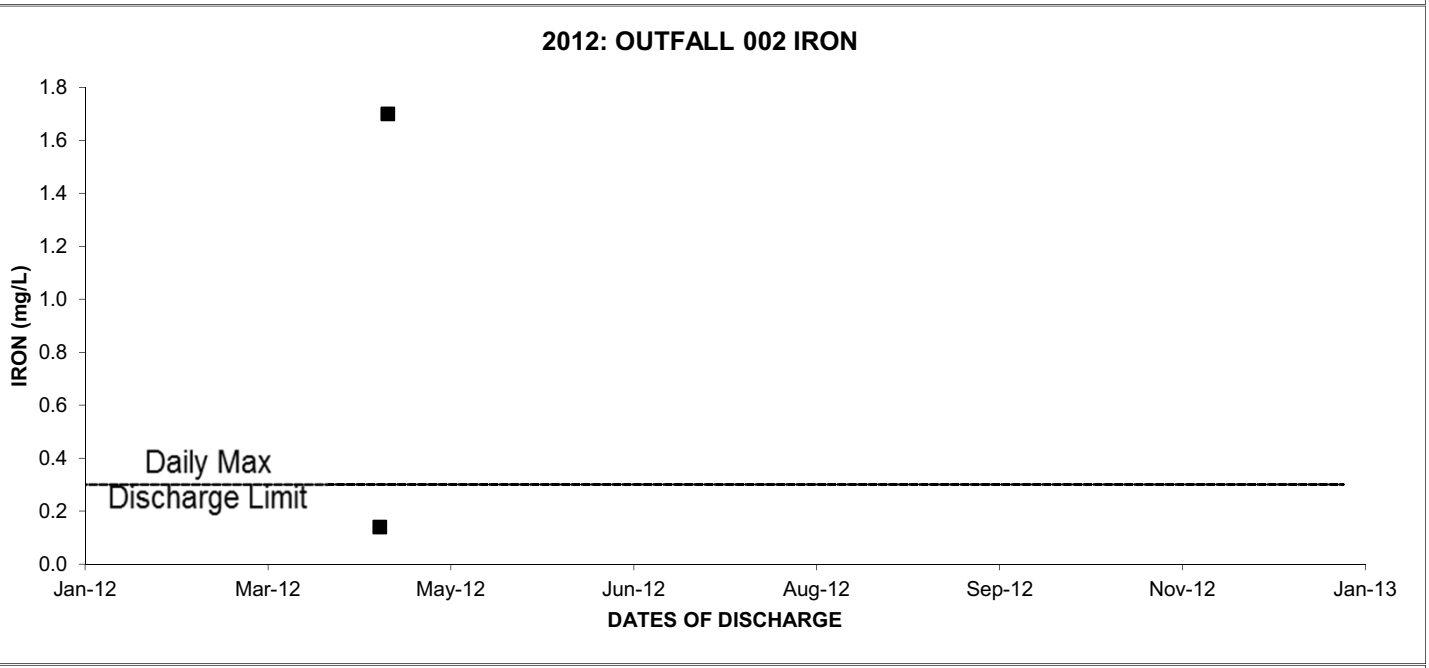


2012: OUTFALL 002 CHROMIUM

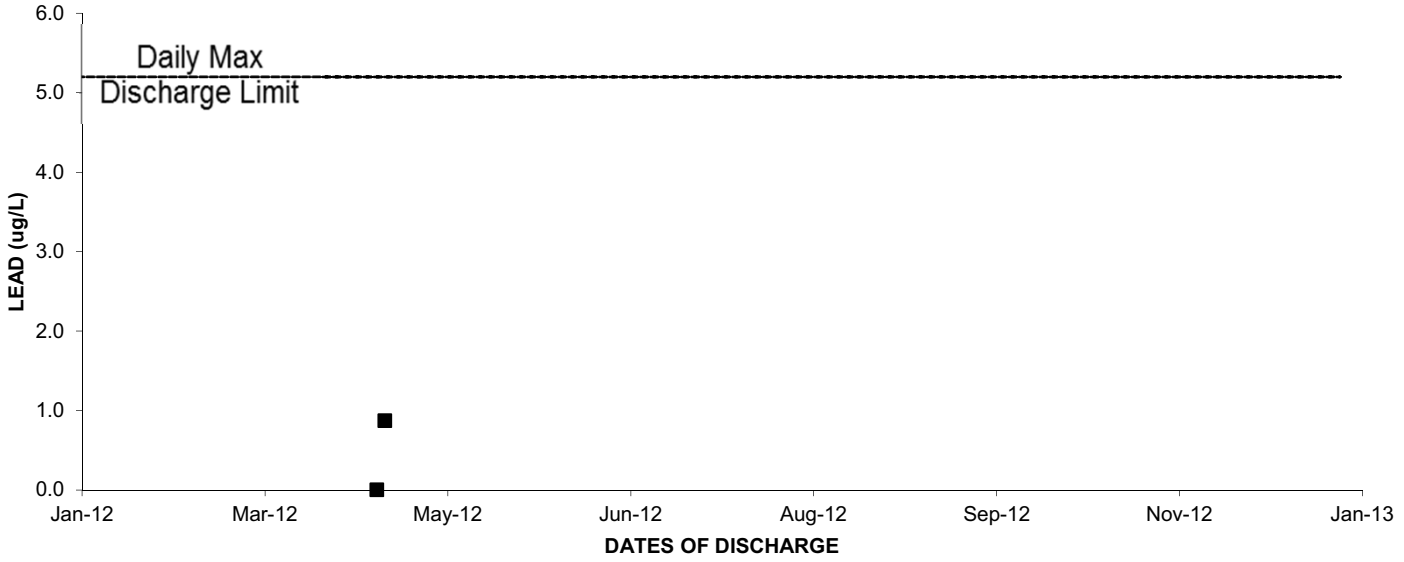



2012: OUTFALL 002 CHROMIUM VI
Daily Max
Discharge Limit
CHROMIUM VI (ug/L)
18
16
14
12
10
8
6
4
2
0
Jan-12
Mar-12
May-12
Jun-12
Aug-12
Sep-12
Nov-12
Jan-13
DATES OF DISCHARGE

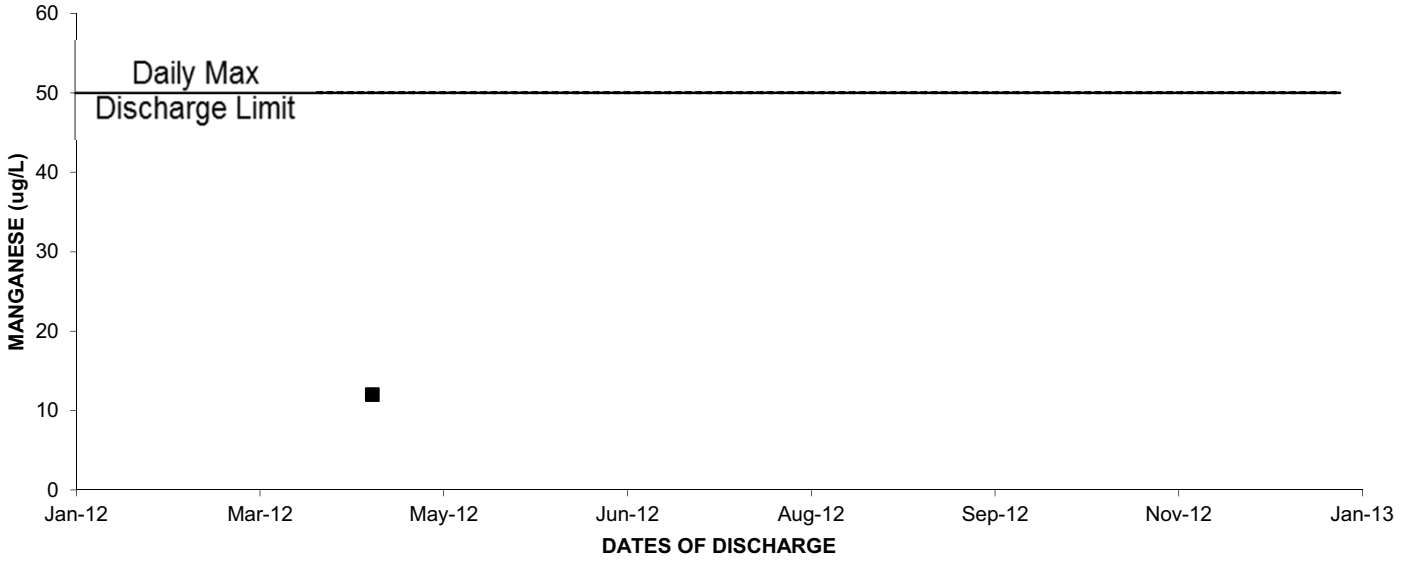

2012: OUTFALL 002 COPPER
Daily Max
Discharge Limit
COPPER (ug/L)
16
14
12
10
8
6
4
2
0
Jan-12
Mar-12
May-12
Jun-12
Aug-12
Sep-12
Nov-12
Jan-13
DATES OF DISCHARGE


2012: OUTFALL 002 IRON
IRON (mg/L)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Daily Max
Discharge Limit
Jan-12
Mar-12
May-12
Jun-12
Aug-12
Sep-12
Nov-12
Jan-13
DATES OF DISCHARGE

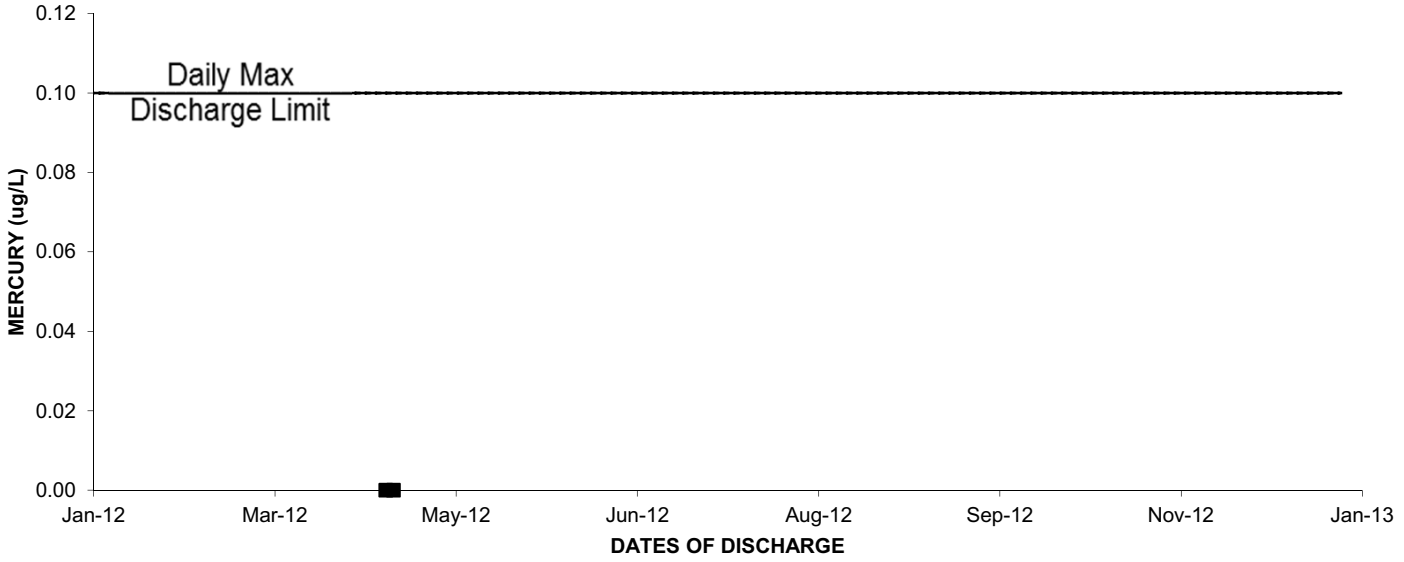
2012: OUTFALL 002 LEAD



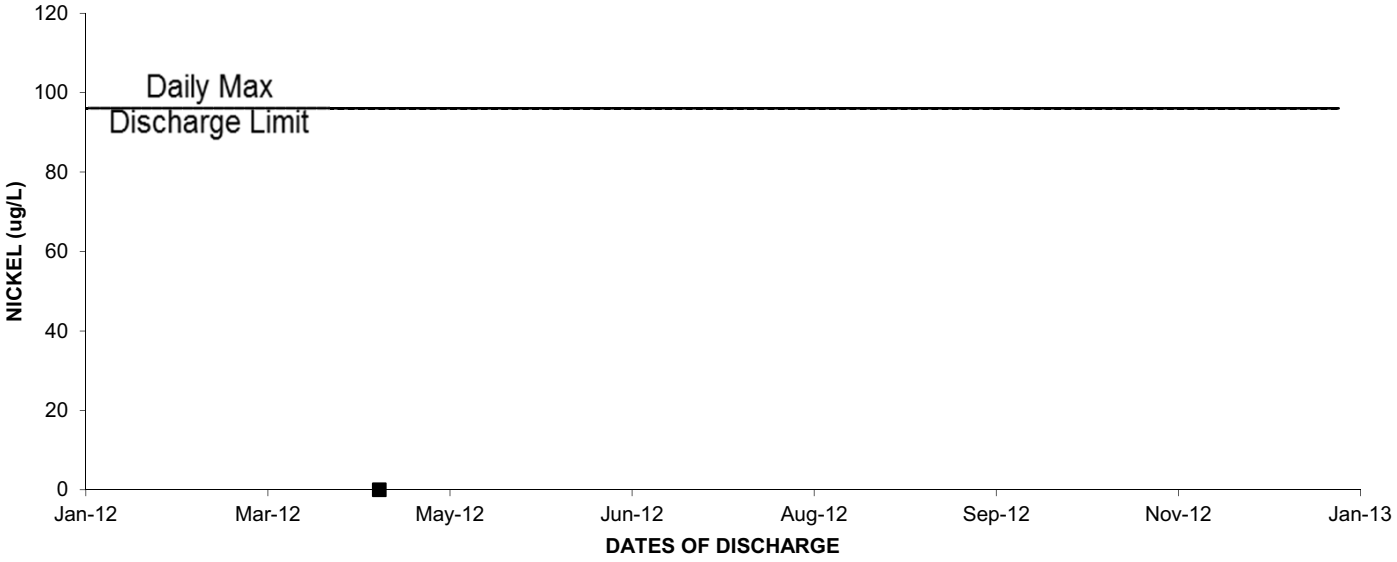
2012: OUTFALL 002 MANGANESE



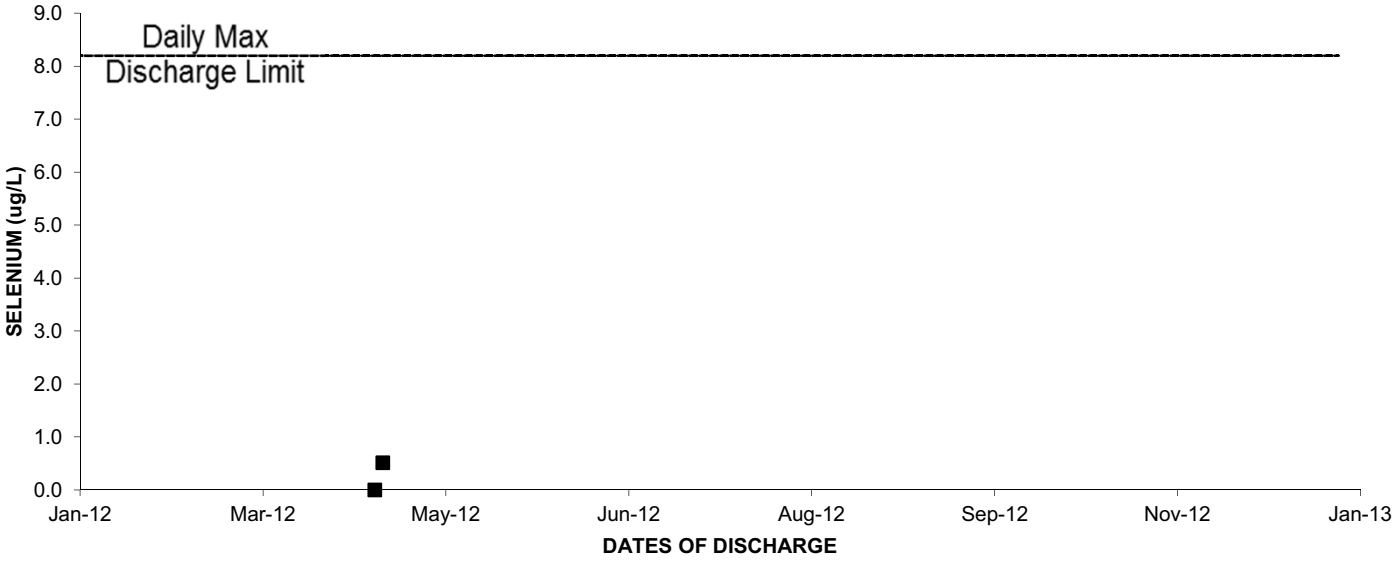
2012: OUTFALL 002 MERCURY



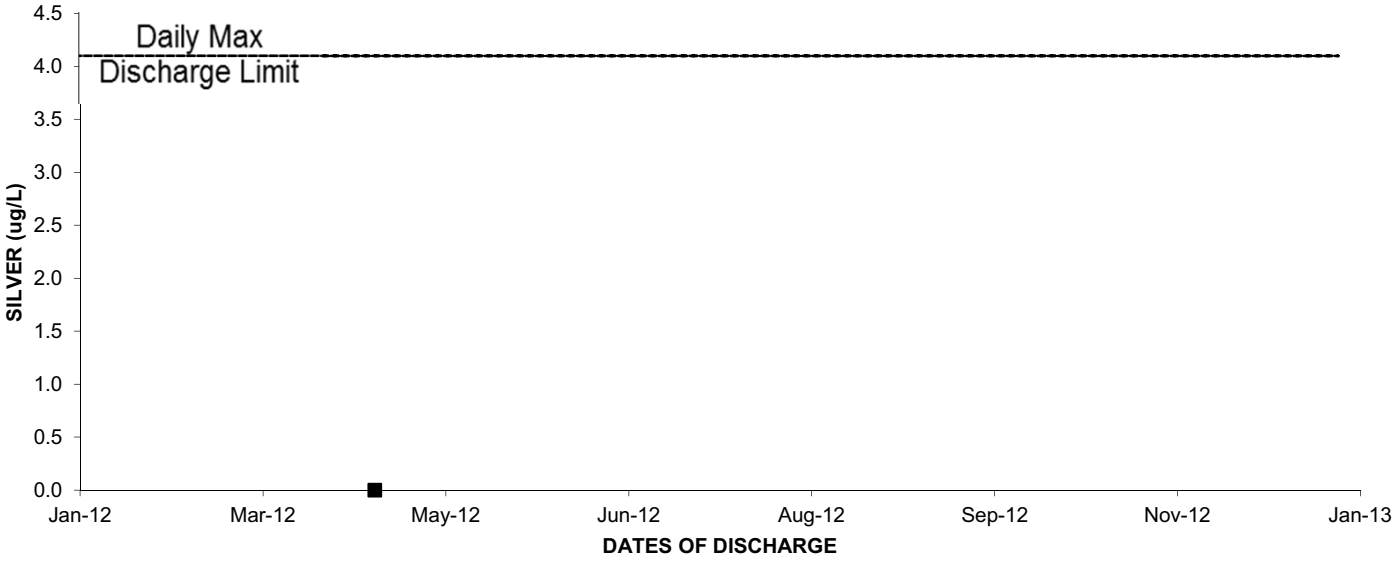
2012: OUTFALL 002 NICKEL



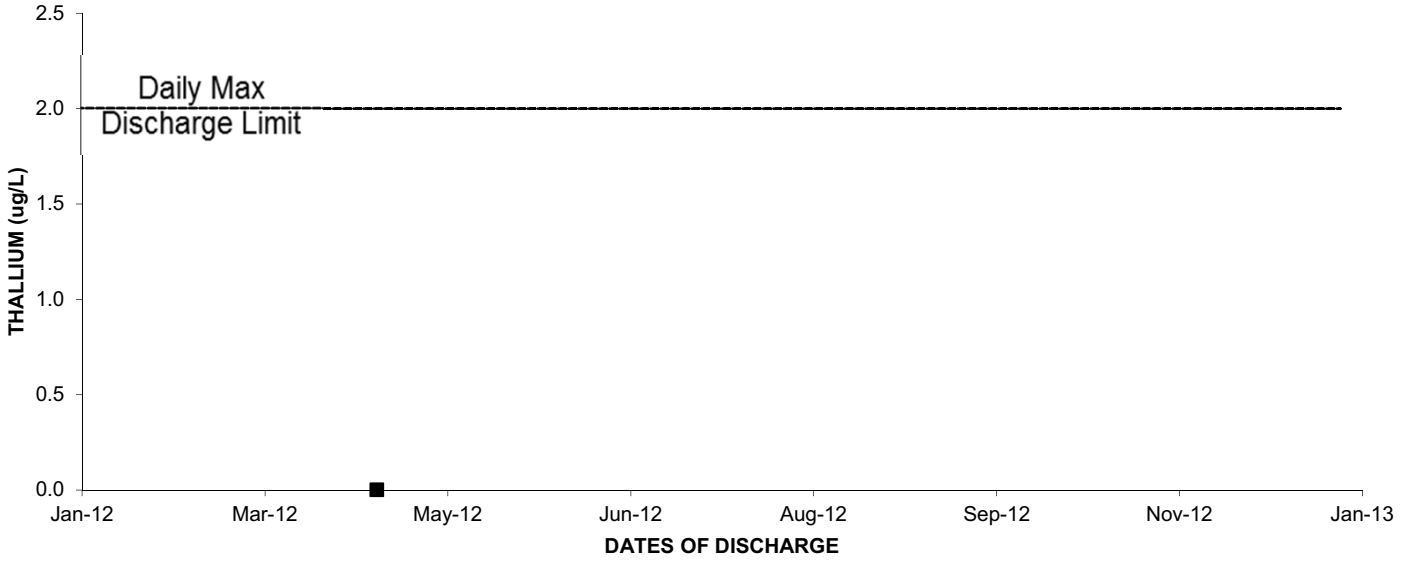
2012: OUTFALL 002 SELENIUM



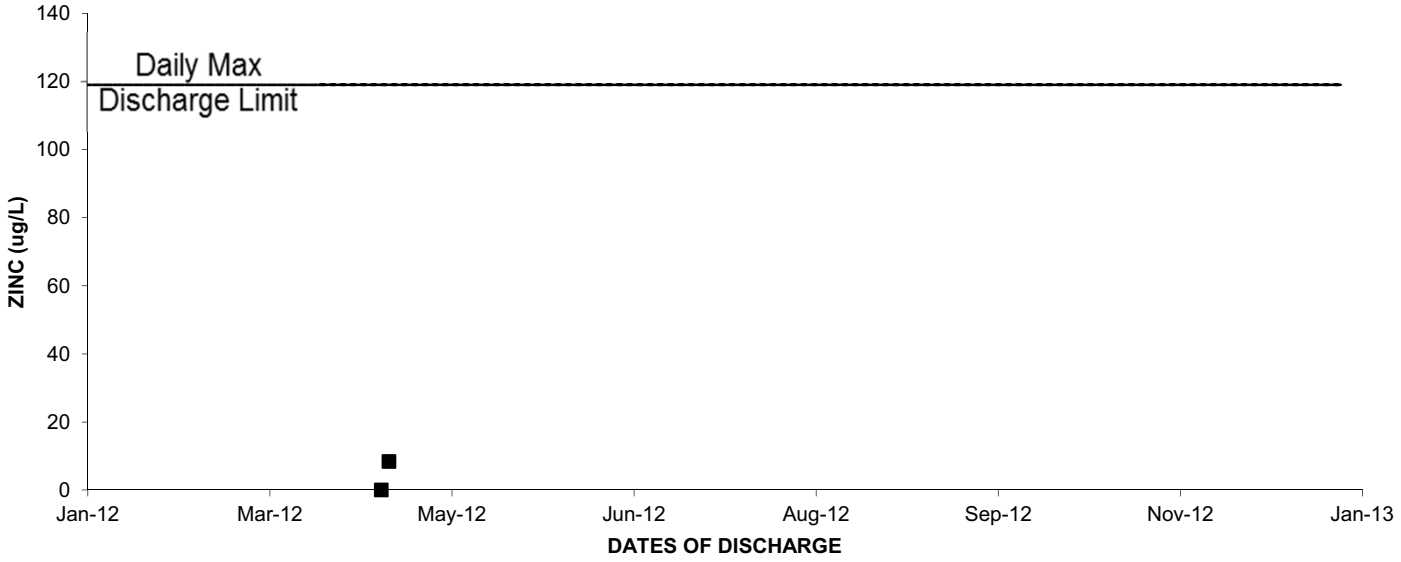
2012: OUTFALL 002 SILVER



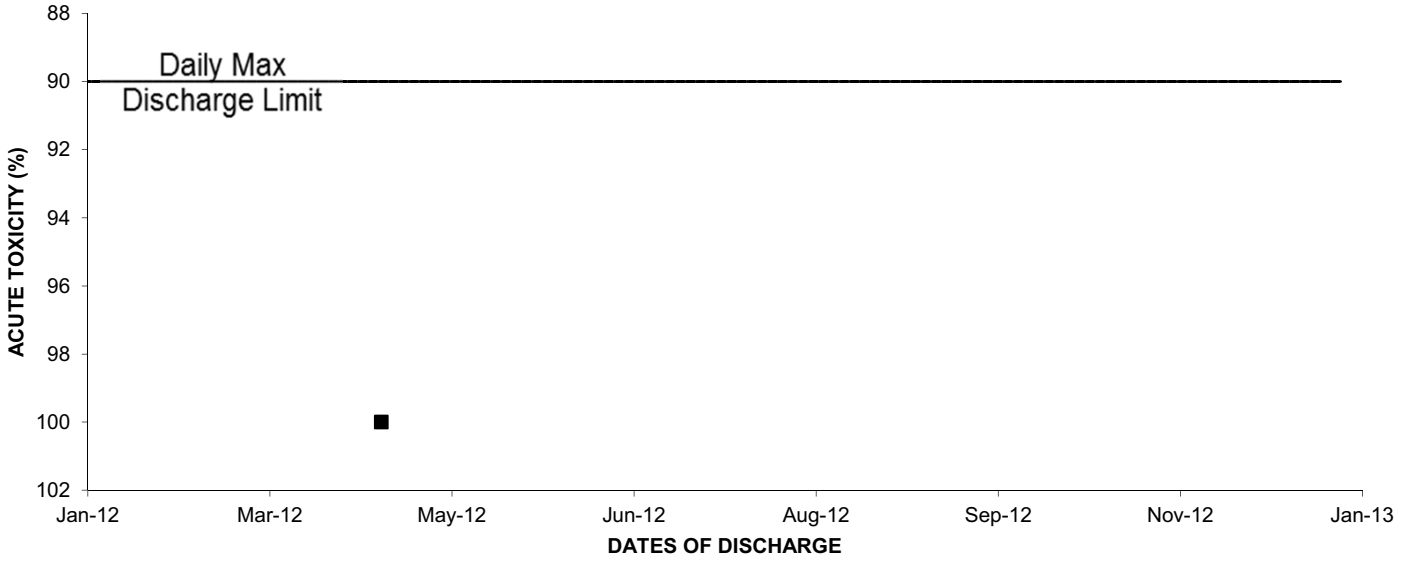
2012: OUTFALL 002 THALLIUM



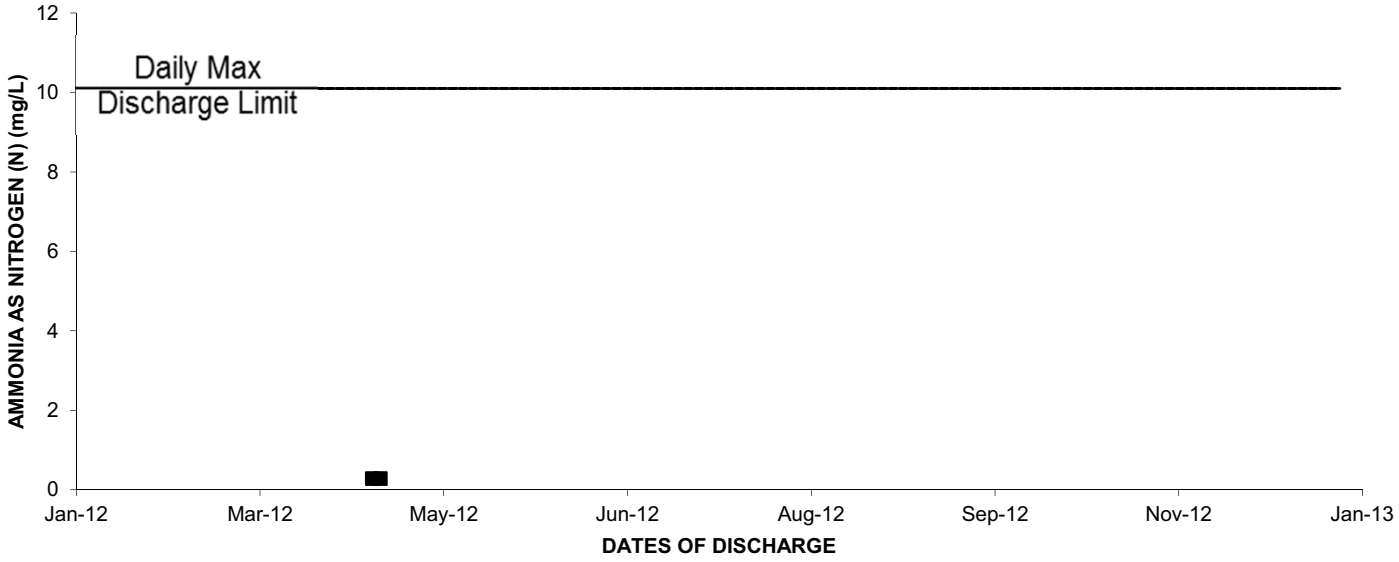
2012: OUTFALL 002 ZINC



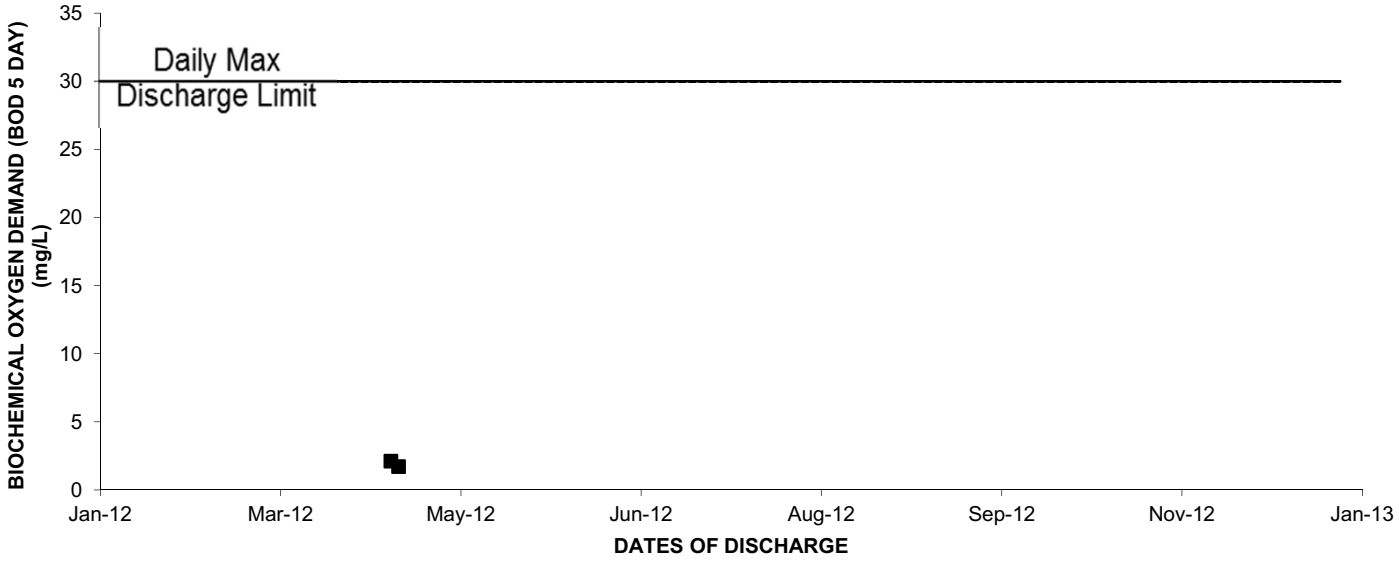
2012: OUTFALL 002 ACUTE TOXICITY



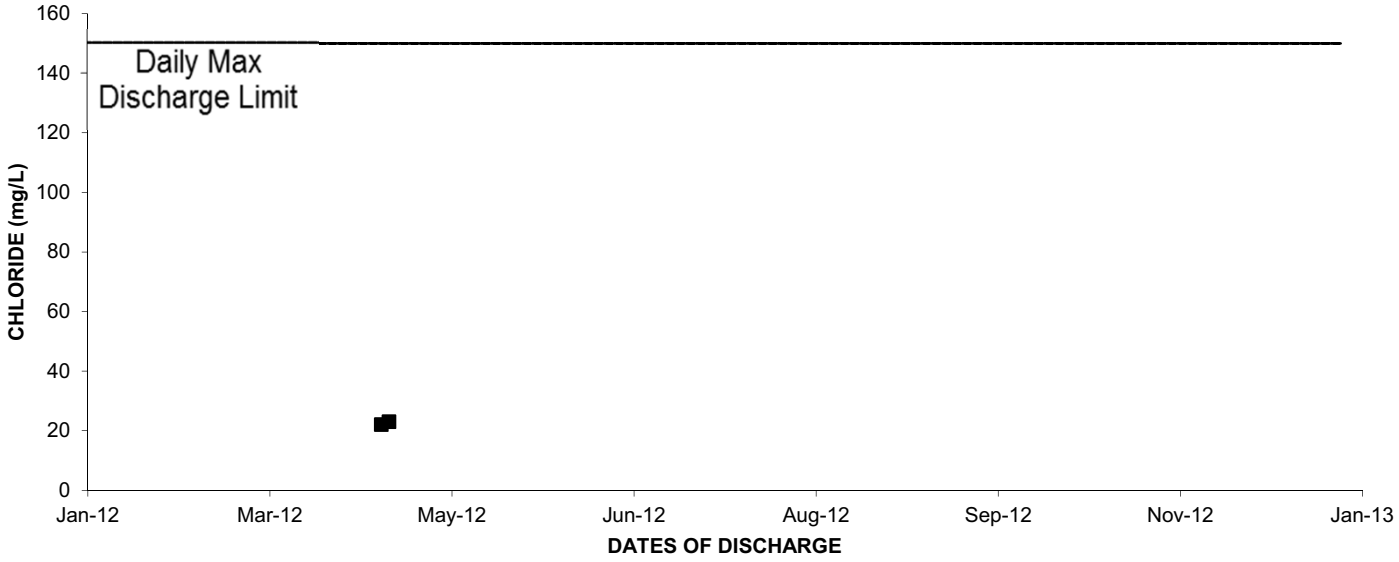
2012: OUTFALL 002 AMMONIA AS NITROGEN (N)



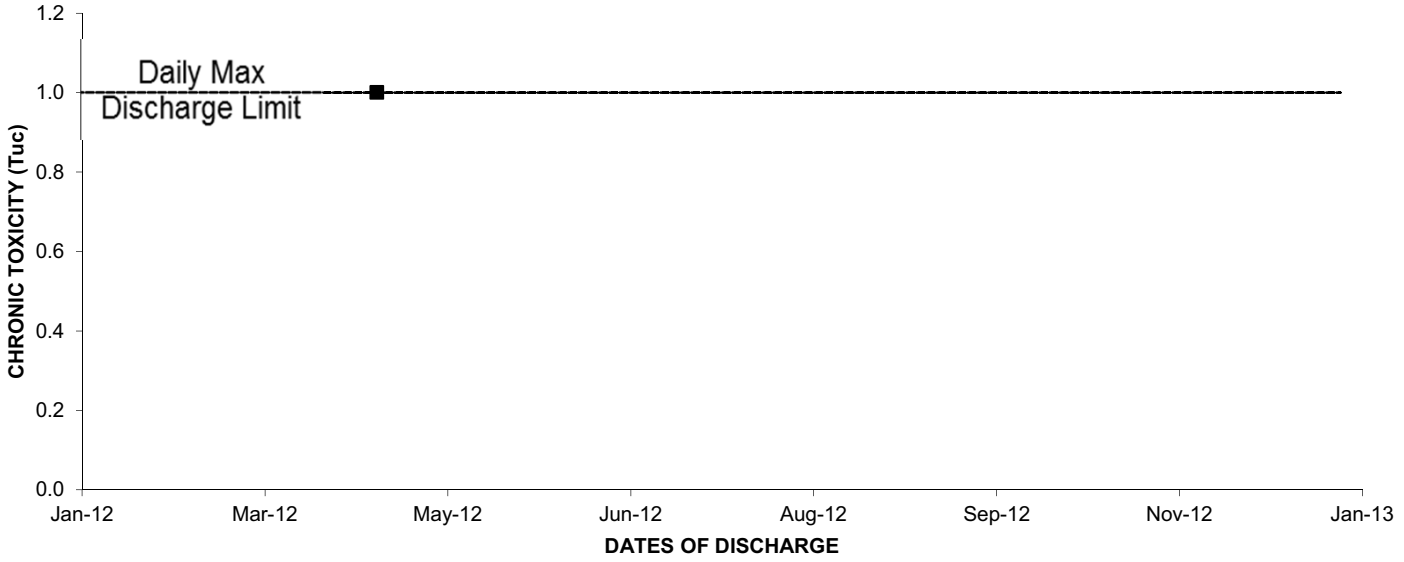
2012: OUTFALL 002 BIOCHEMICAL OXYGEN DEMAND (BOD 5 DAY)



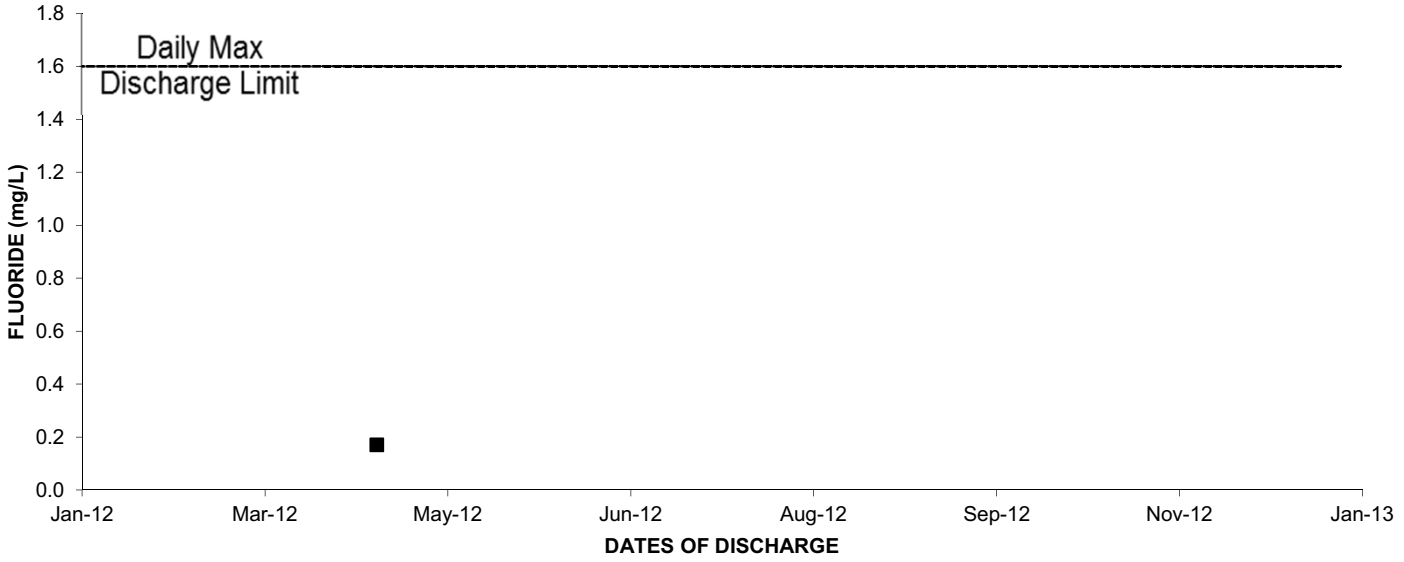
2012: OUTFALL 002 CHLORIDE



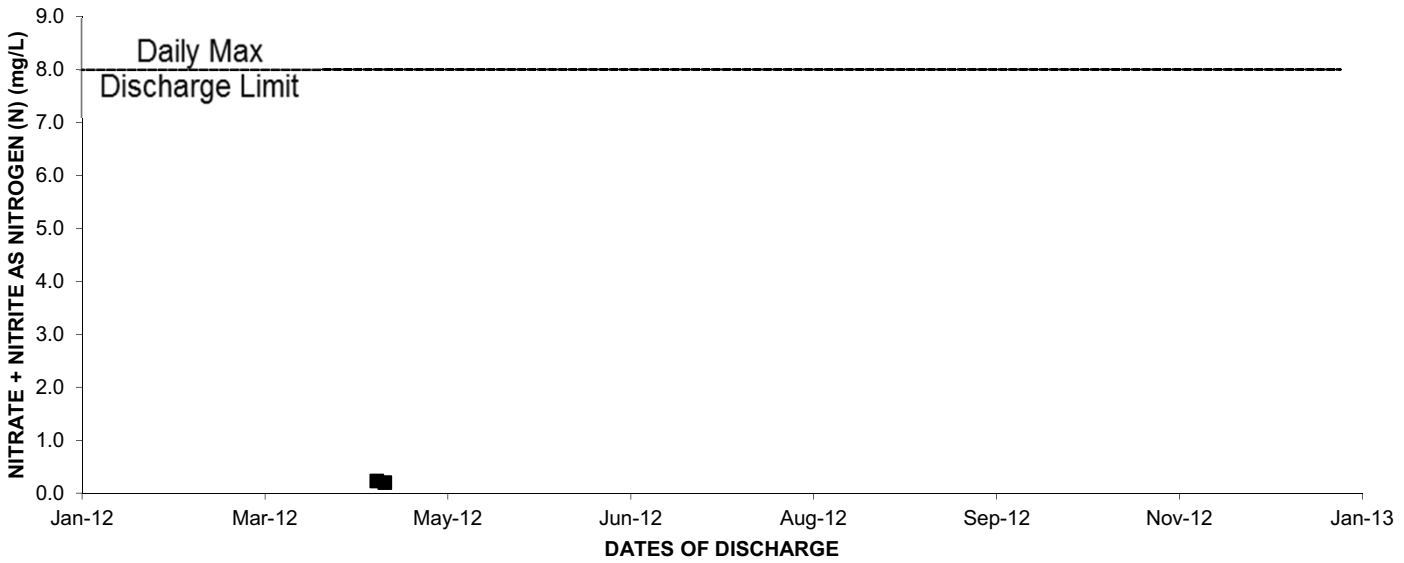
2012: OUTFALL 002 CHRONIC TOXICITY



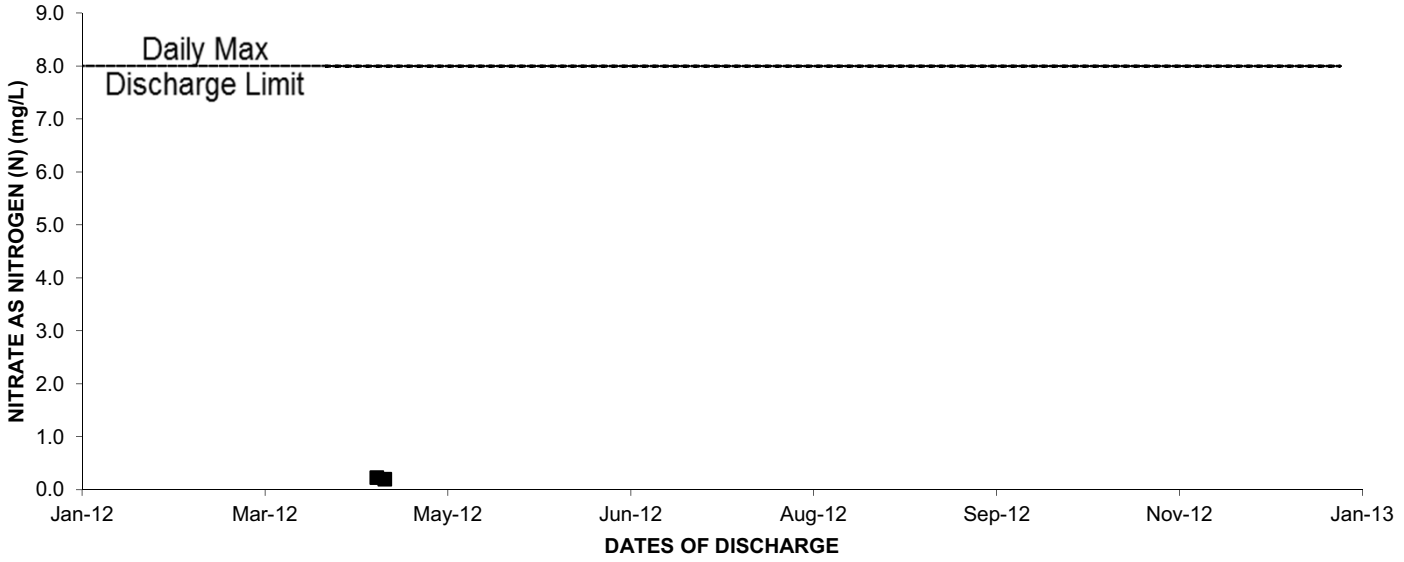
2012: OUTFALL 002 FLUORIDE



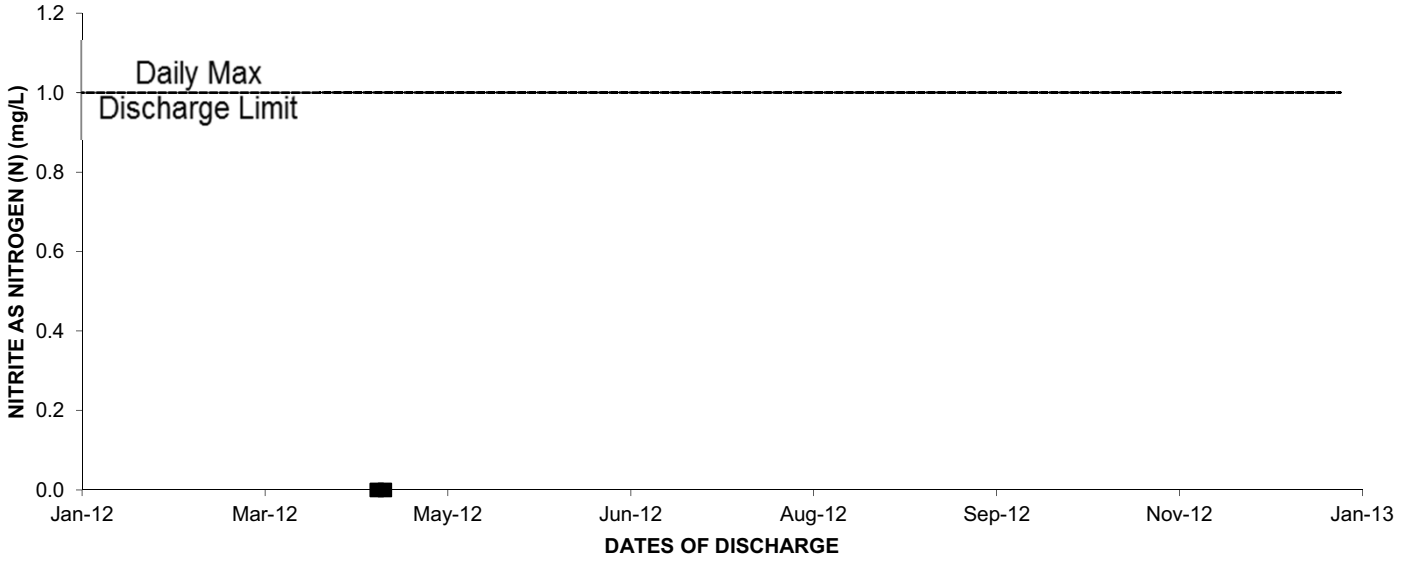
2012: OUTFALL 002 NITRATE + NITRITE AS NITROGEN (N)



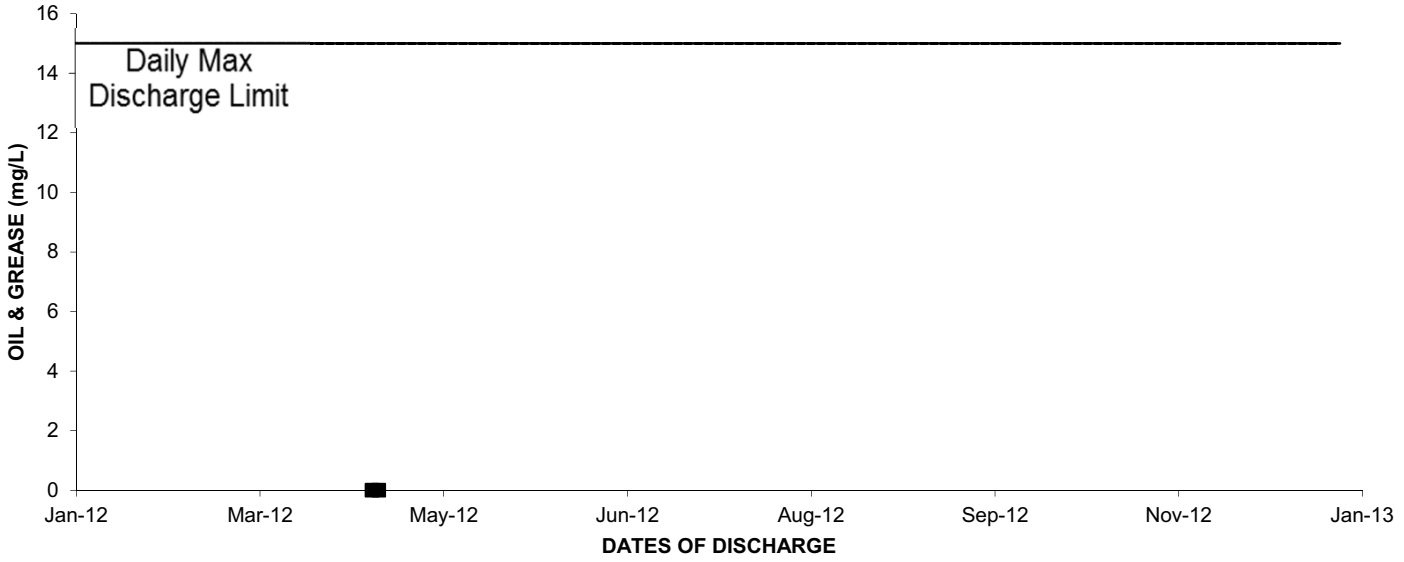
2012: OUTFALL 002 NITRATE AS NITROGEN (N)



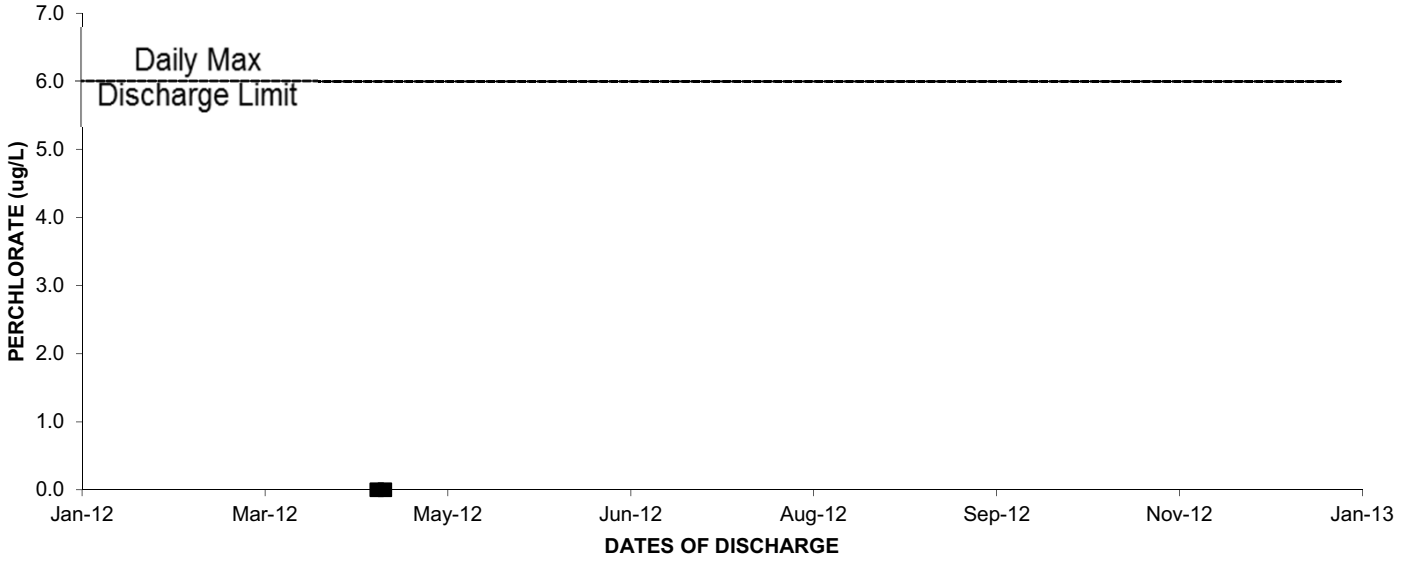
2012: OUTFALL 002 NITRITE AS NITROGEN (N)



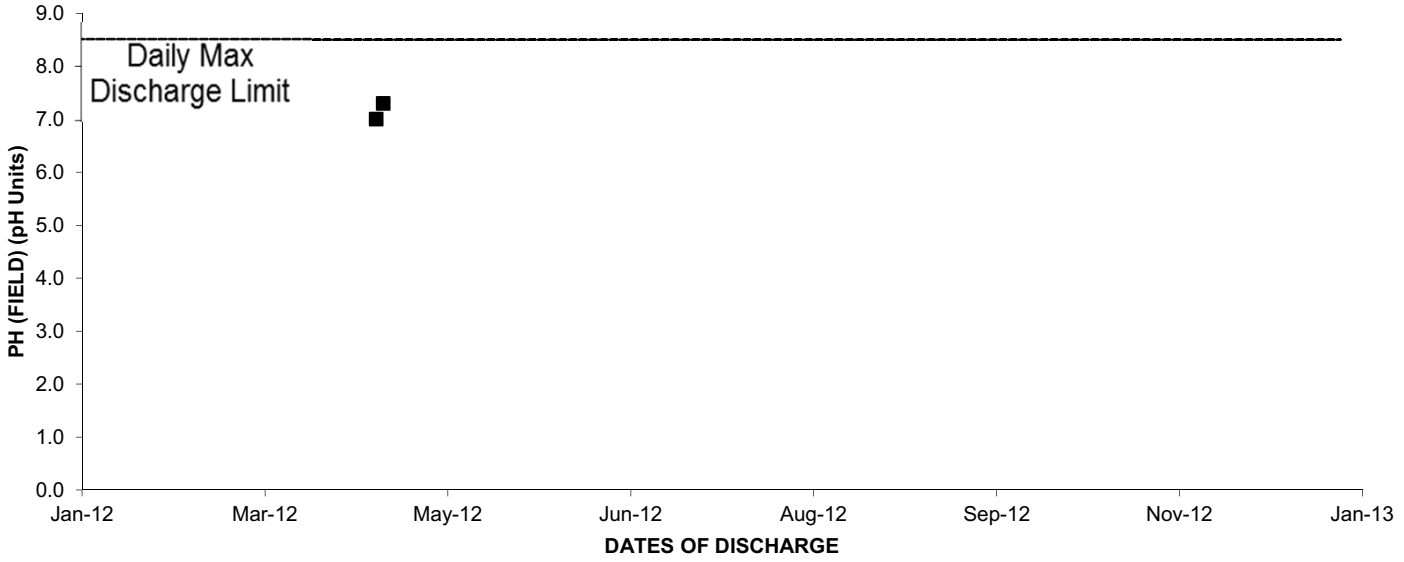
2012: OUTFALL 002 OIL & GREASE



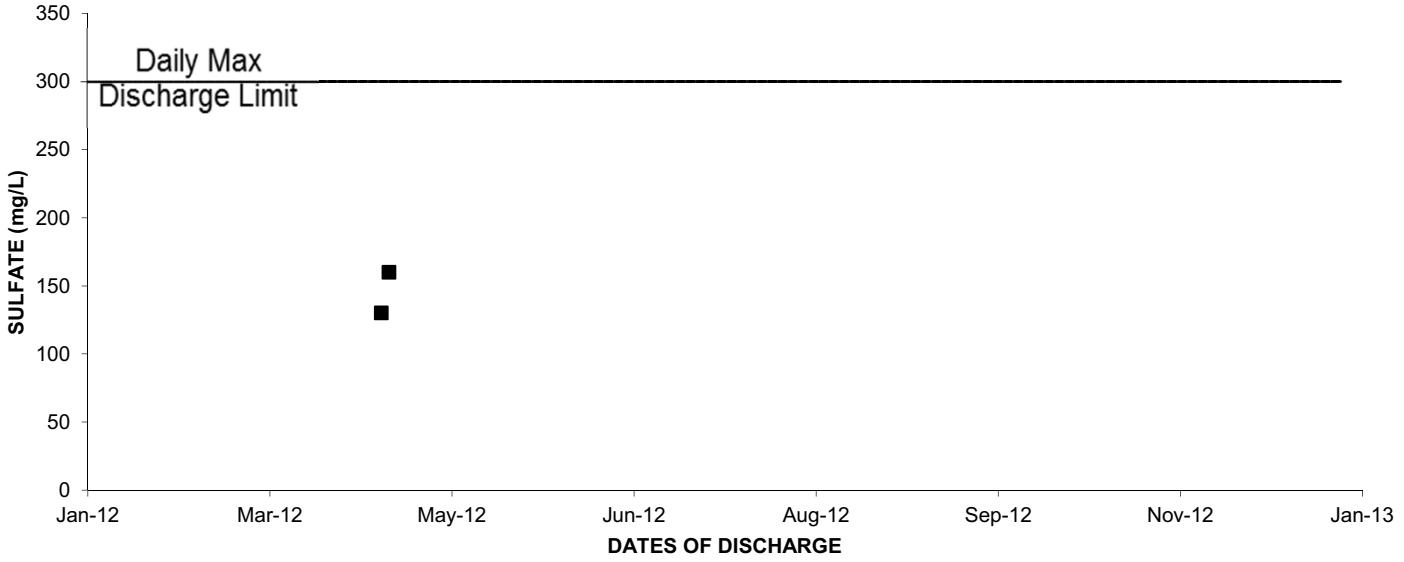
2012: OUTFALL 002 PERCHLORATE



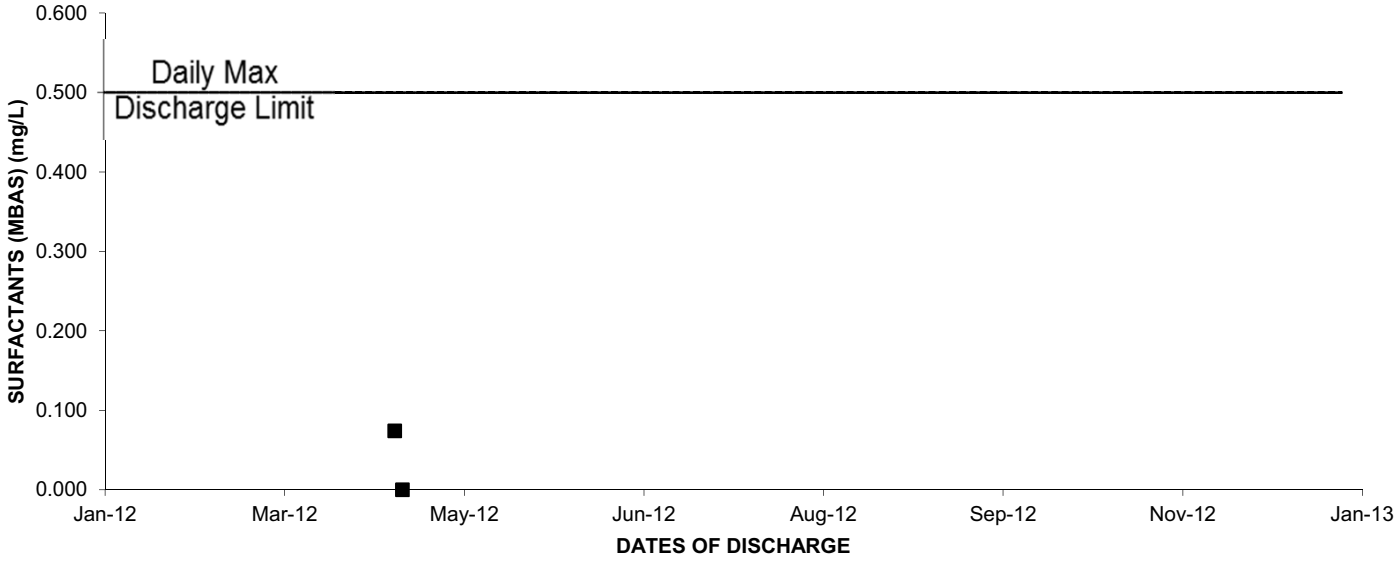
2012: OUTFALL 002 PH (FIELD)



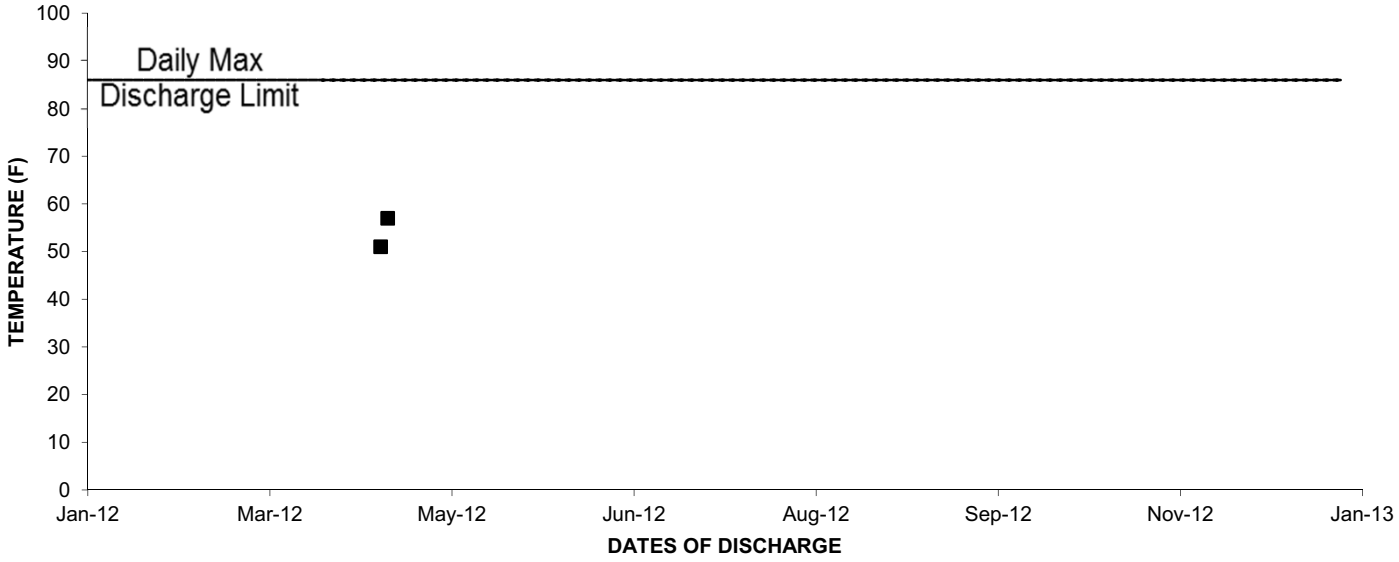
2012: OUTFALL 002 SULFATE



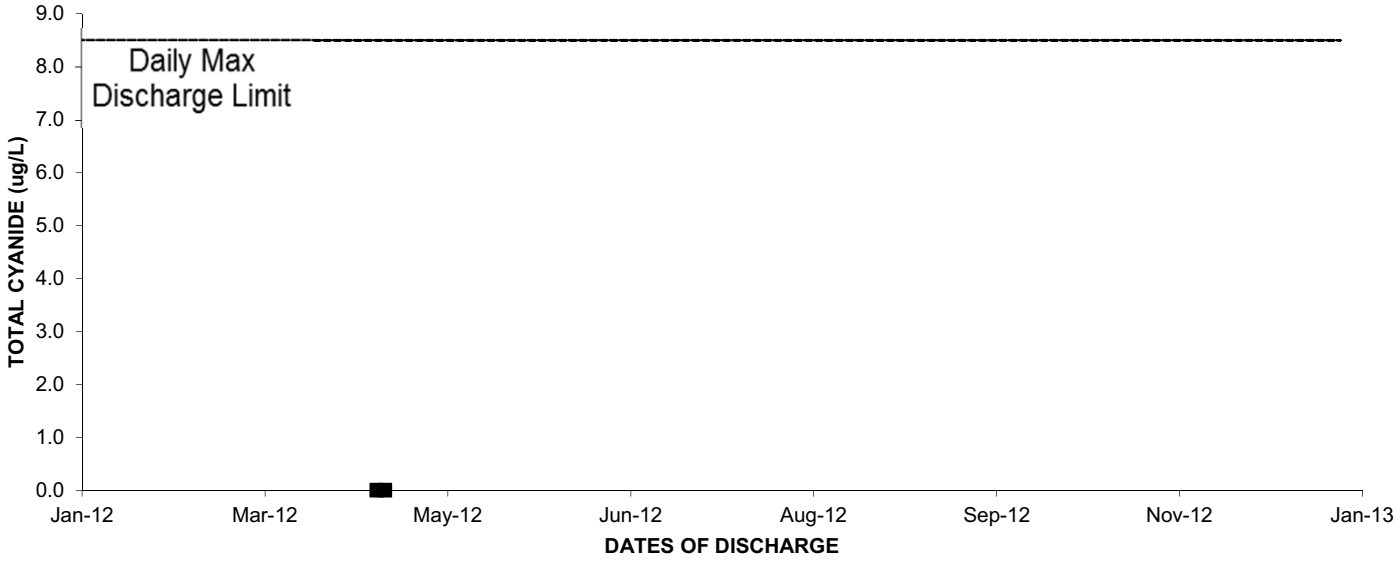
2012: OUTFALL 002 SURFACTANTS (MBAS)



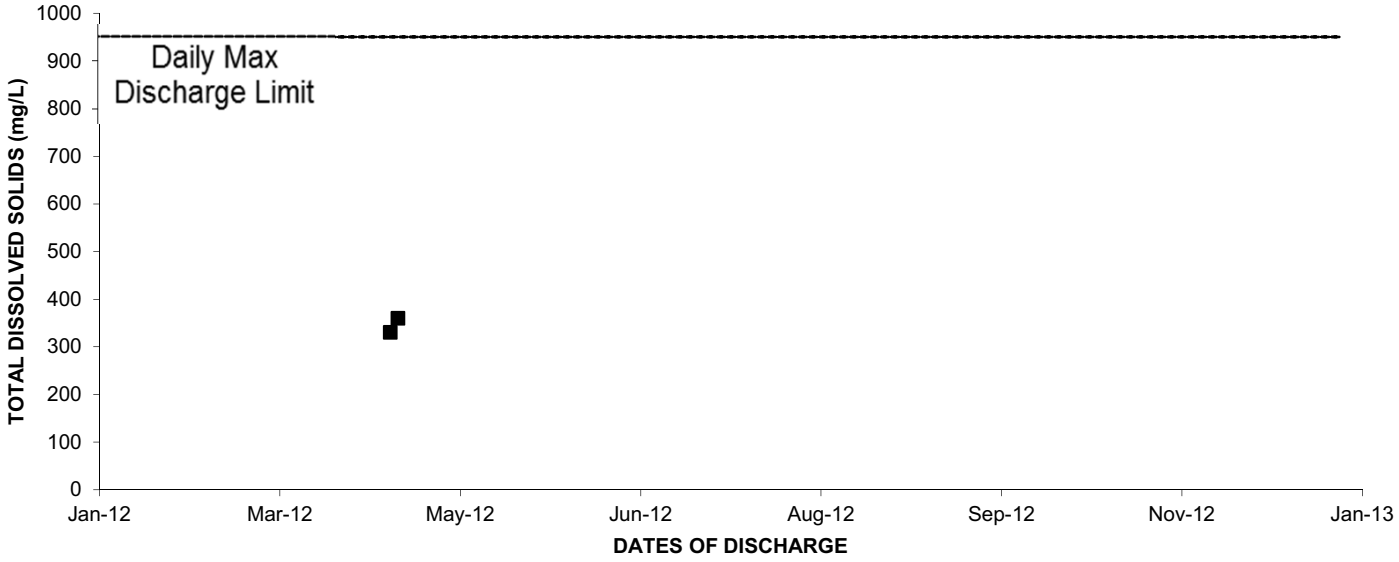
2012: OUTFALL 002 TEMPERATURE



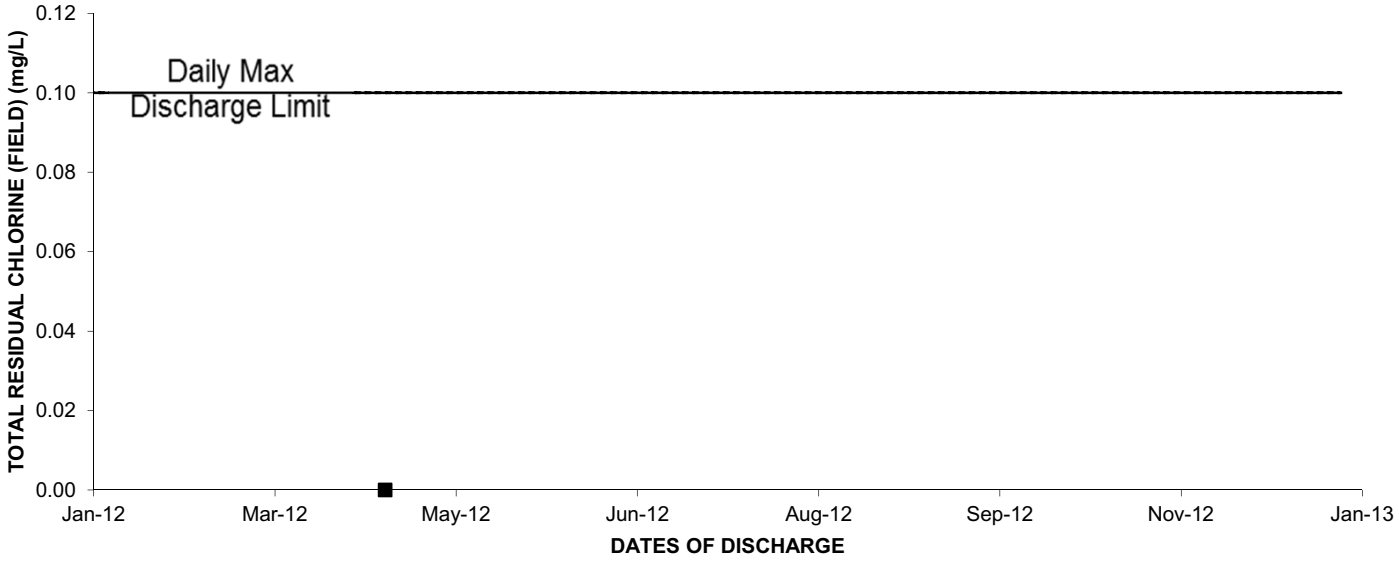
2012: OUTFALL 002 TOTAL CYANIDE



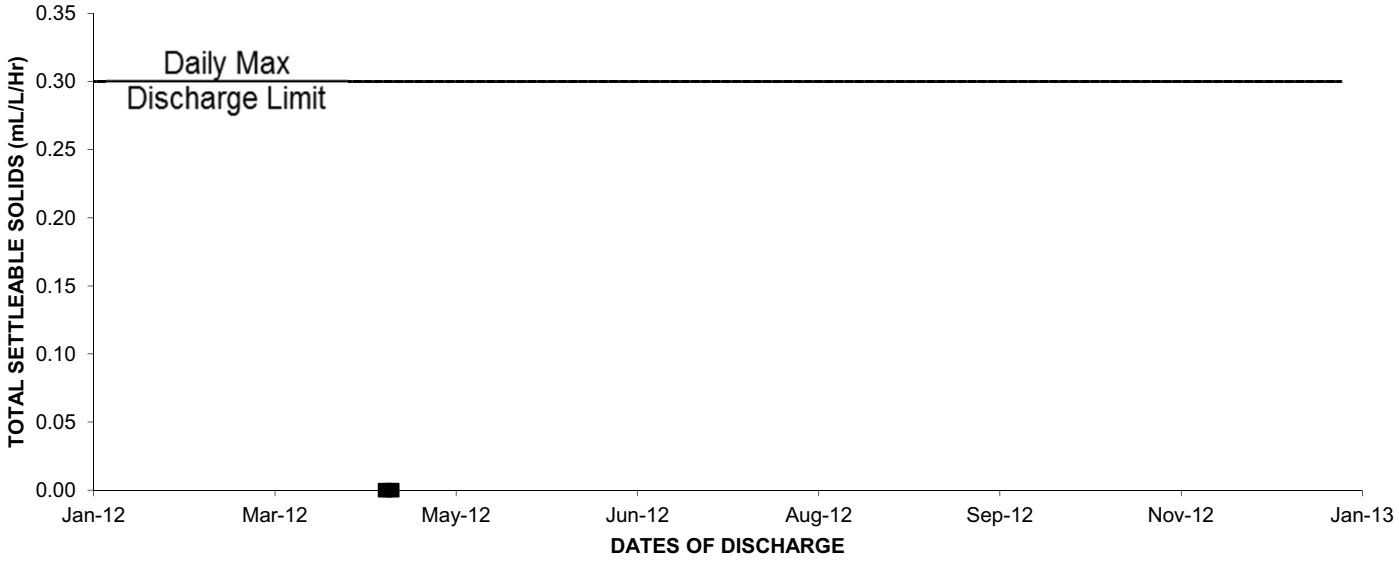
2012: OUTFALL 002 TOTAL DISSOLVED SOLIDS



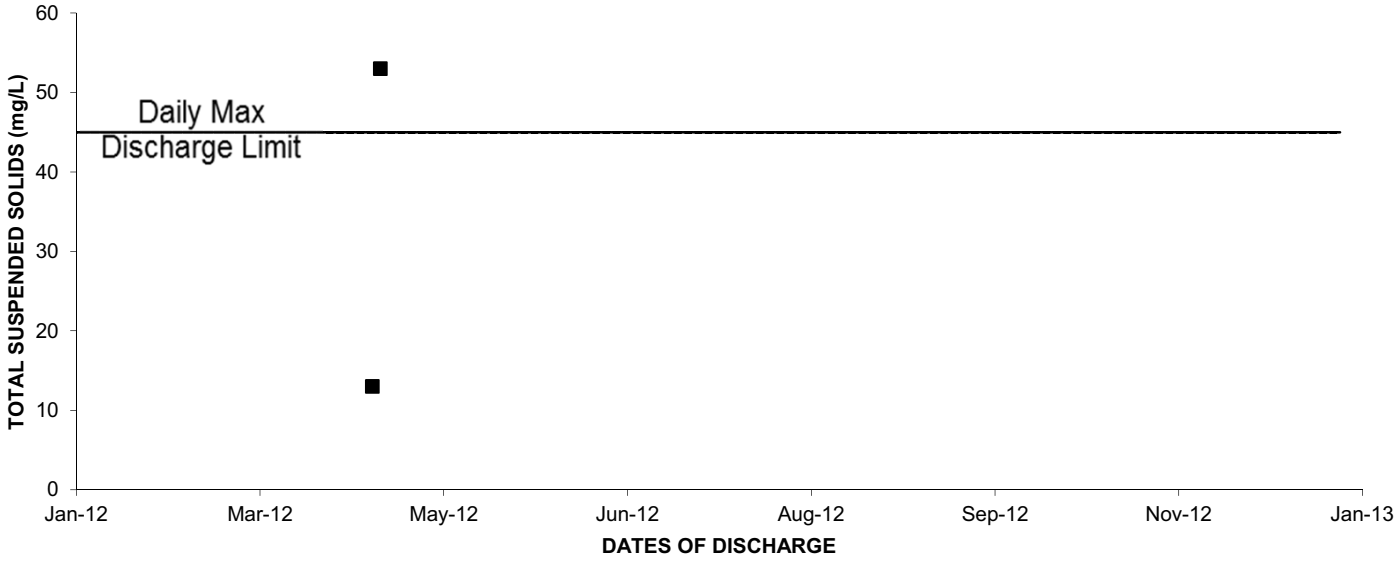
2012: OUTFALL 002 TOTAL RESIDUAL CHLORINE (FIELD)



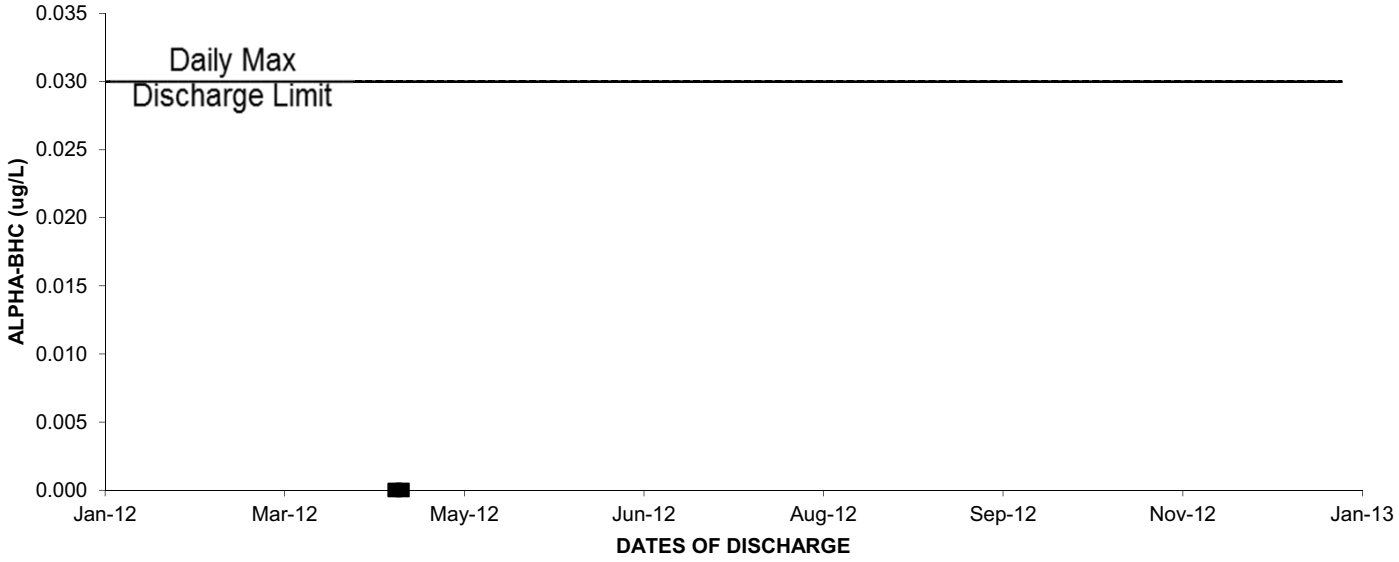
2012: OUTFALL 002 TOTAL SETTLEABLE SOLIDS



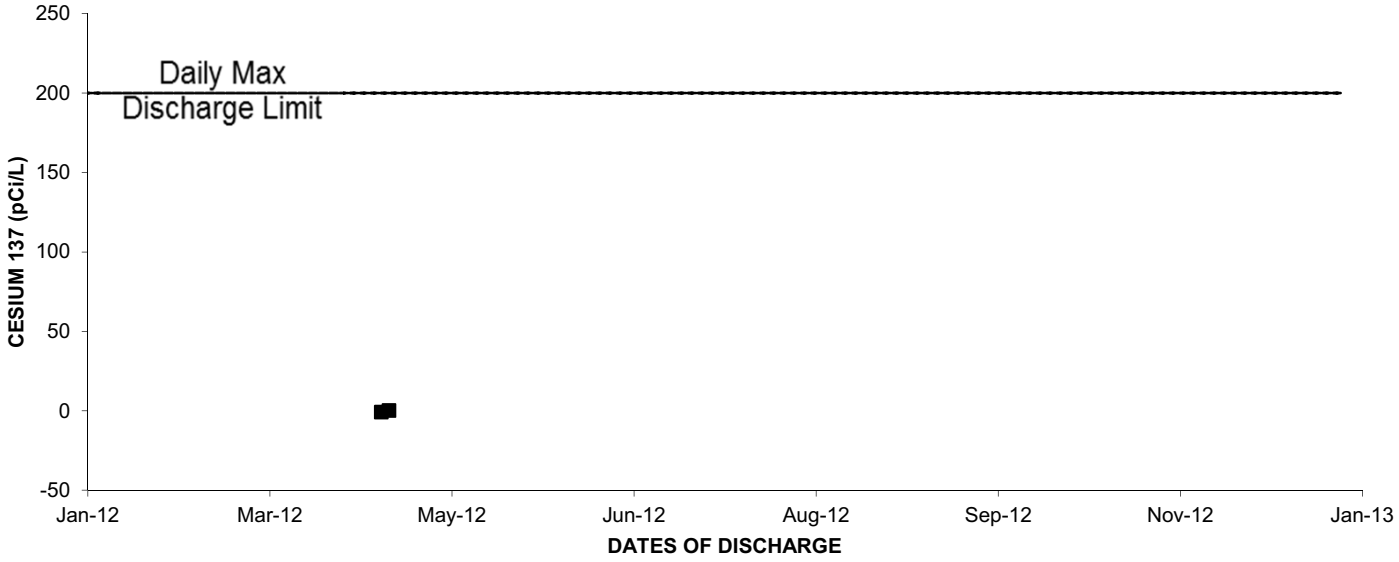
2012: OUTFALL 002 TOTAL SUSPENDED SOLIDS



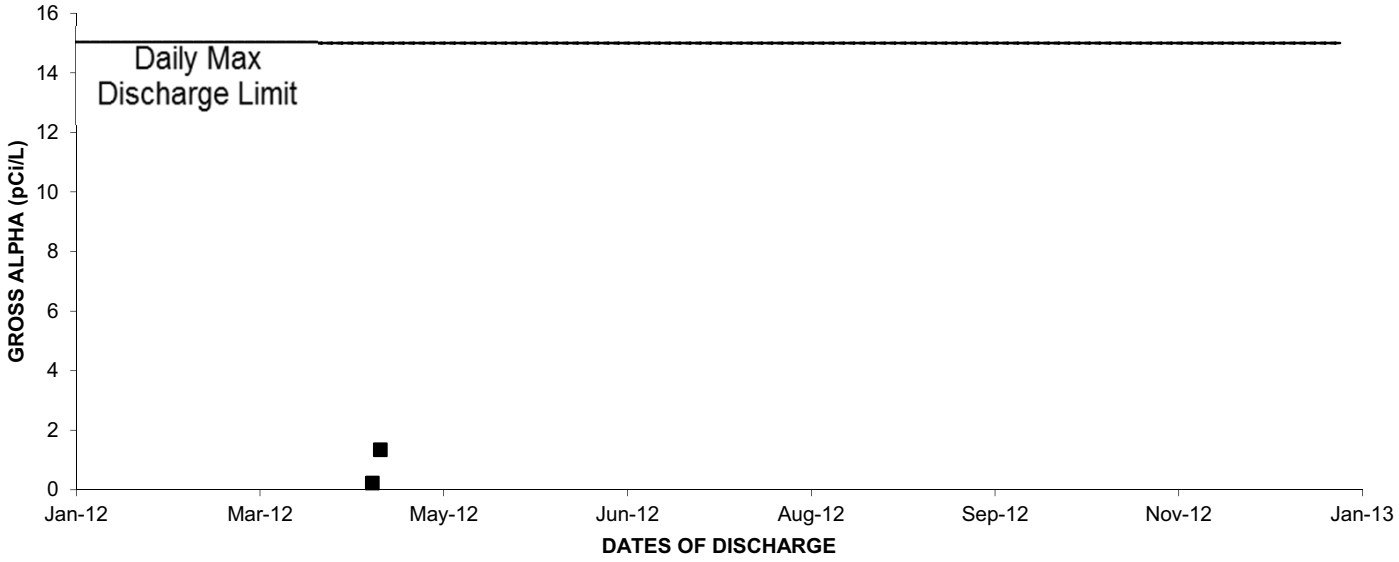
2012: OUTFALL 002 ALPHA-BHC



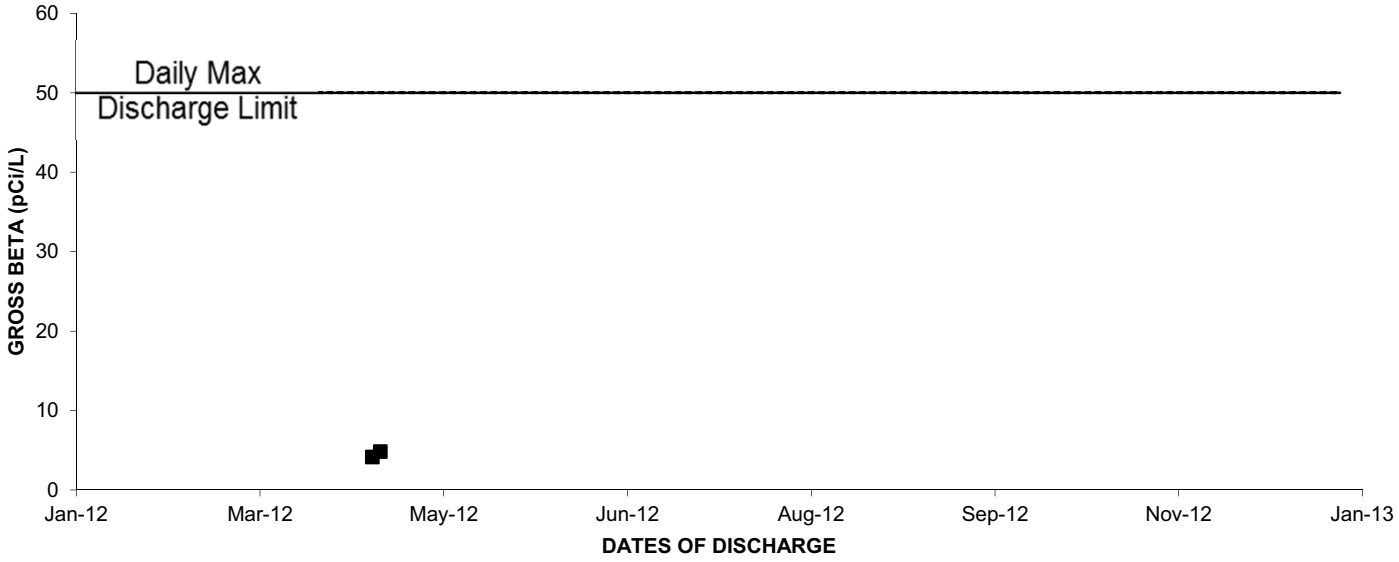
2012: OUTFALL 002 CESIUM 137



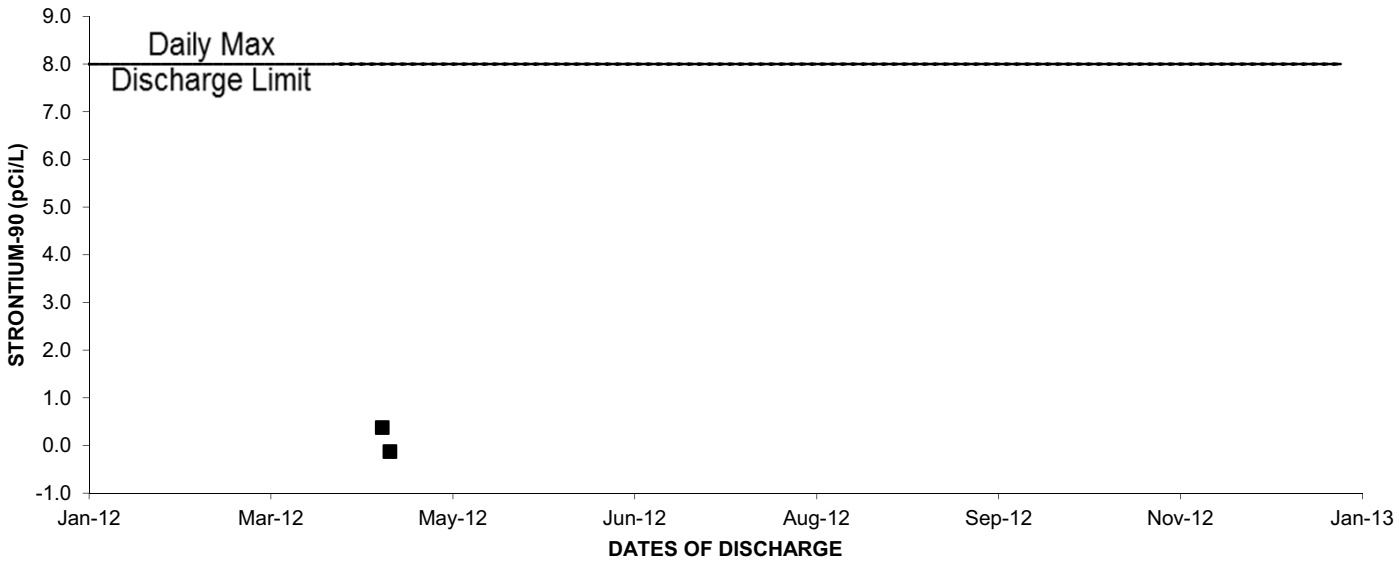
2012: OUTFALL 002 GROSS ALPHA



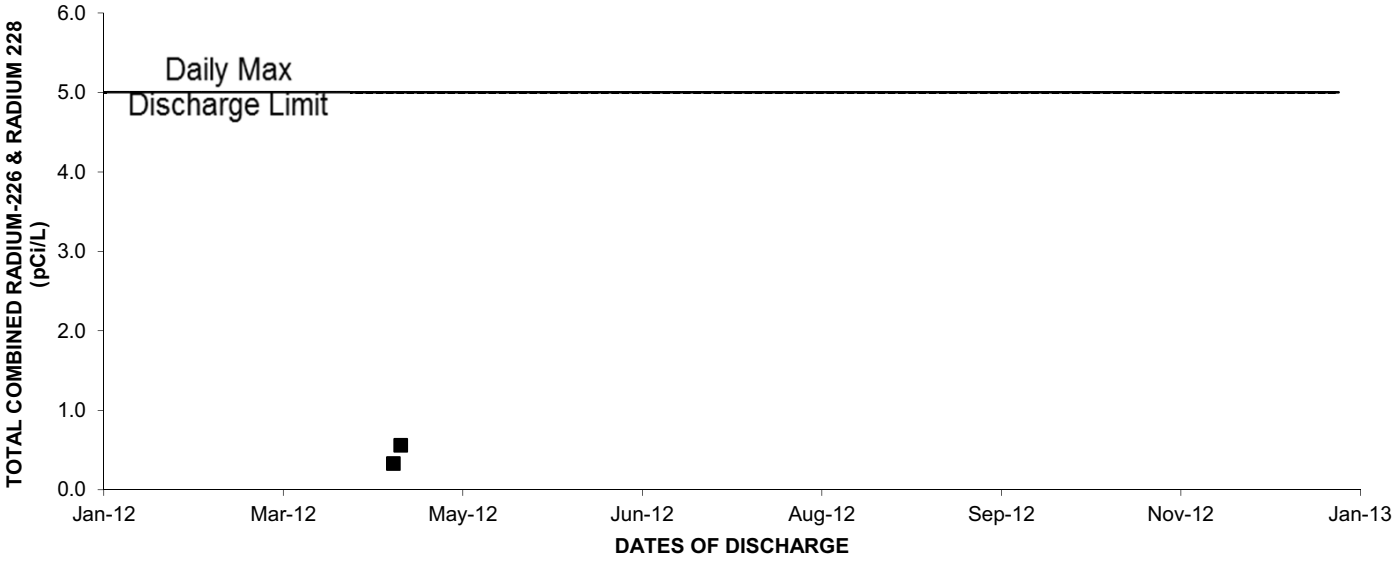
2012: OUTFALL 002 GROSS BETA



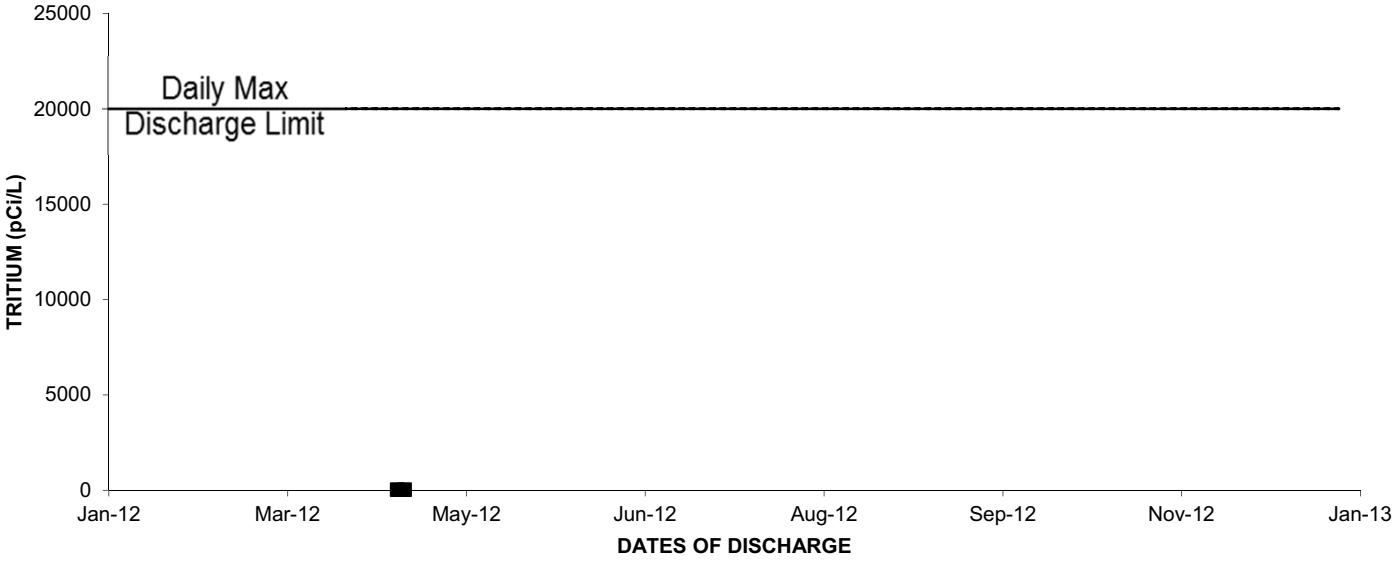
2012: OUTFALL 002 STRONTIUM-90



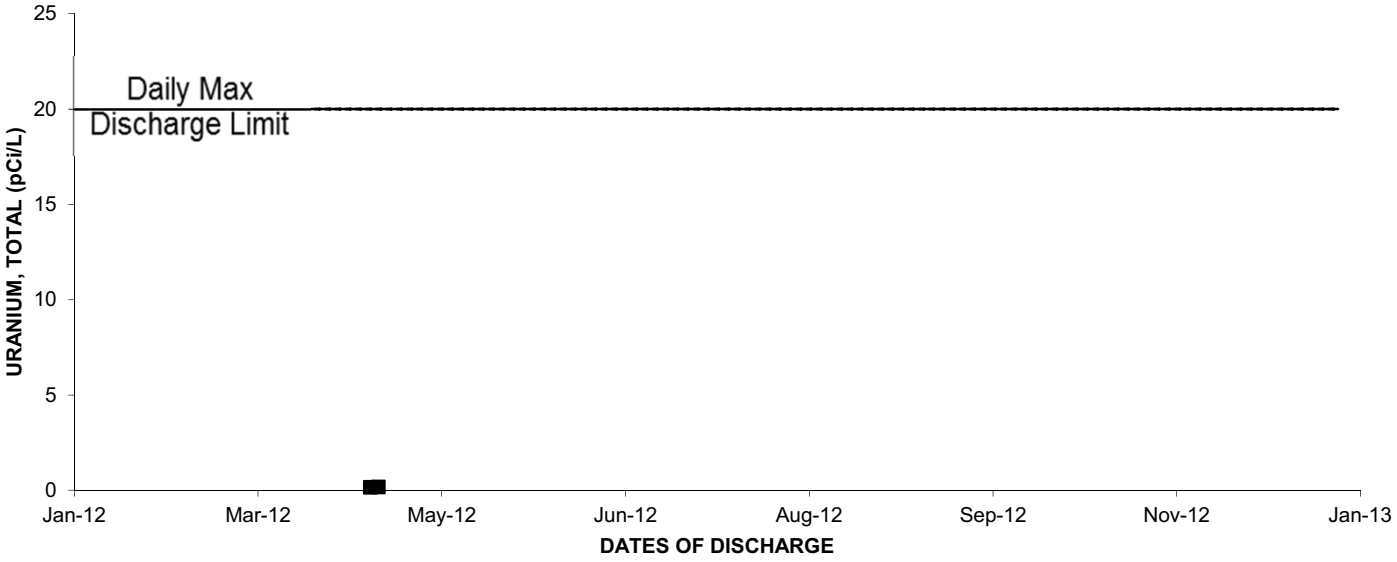
2012: OUTFALL 002 TOTAL COMBINED RADIUM-226 & RADIUM 228



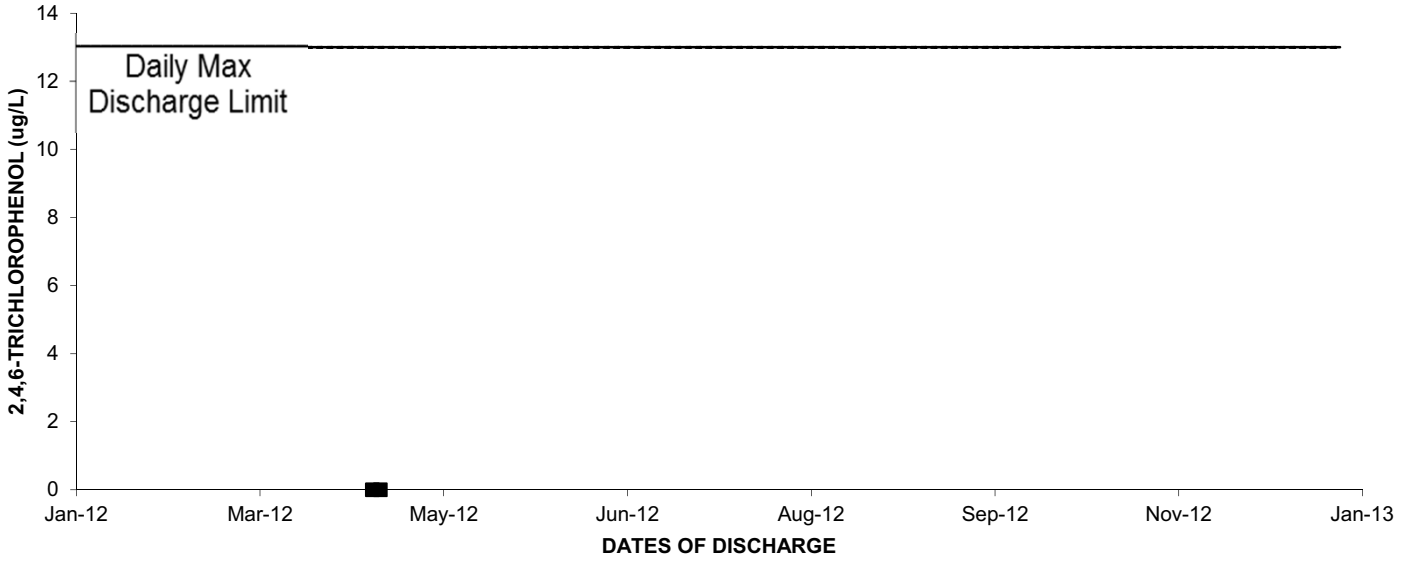
2012: OUTFALL 002 TRITIUM



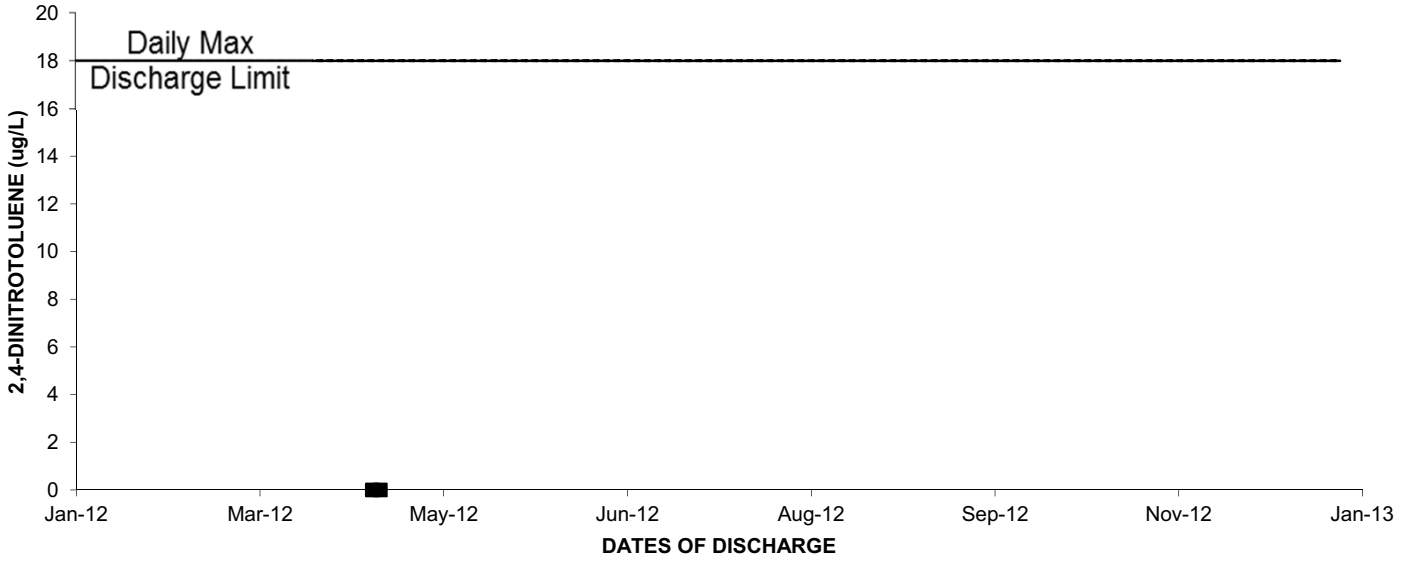
2012: OUTFALL 002 URANIUM, TOTAL



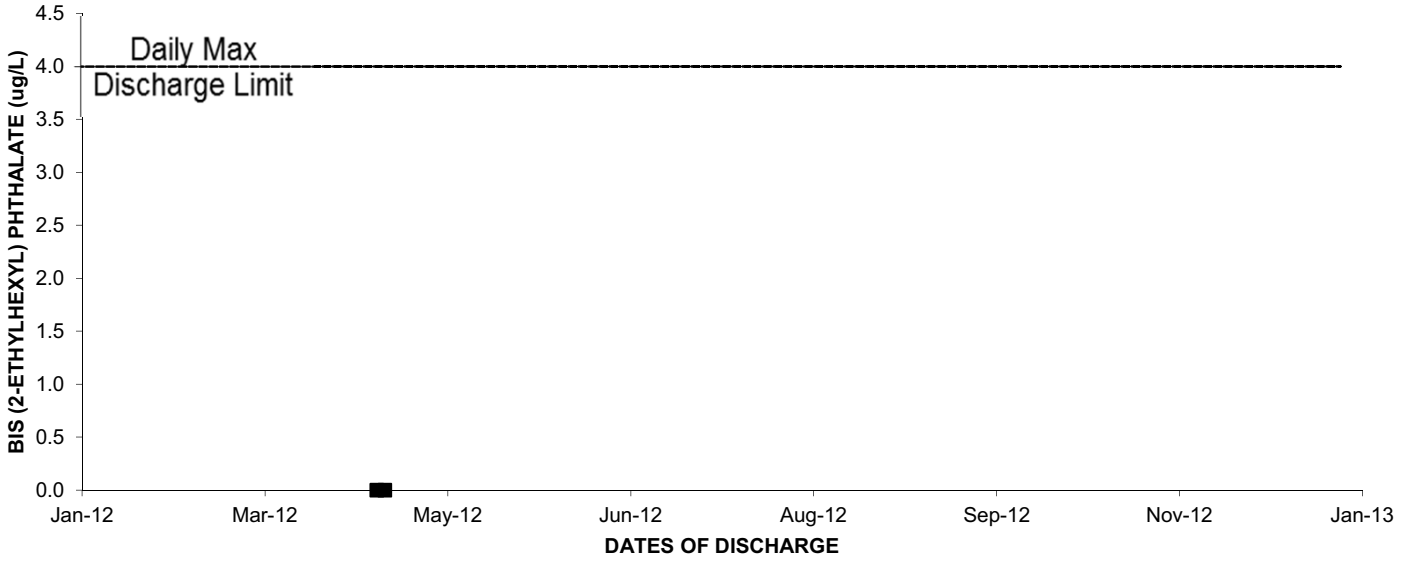
2012: OUTFALL 002 2,4,6-TRICHLOROPHENOL



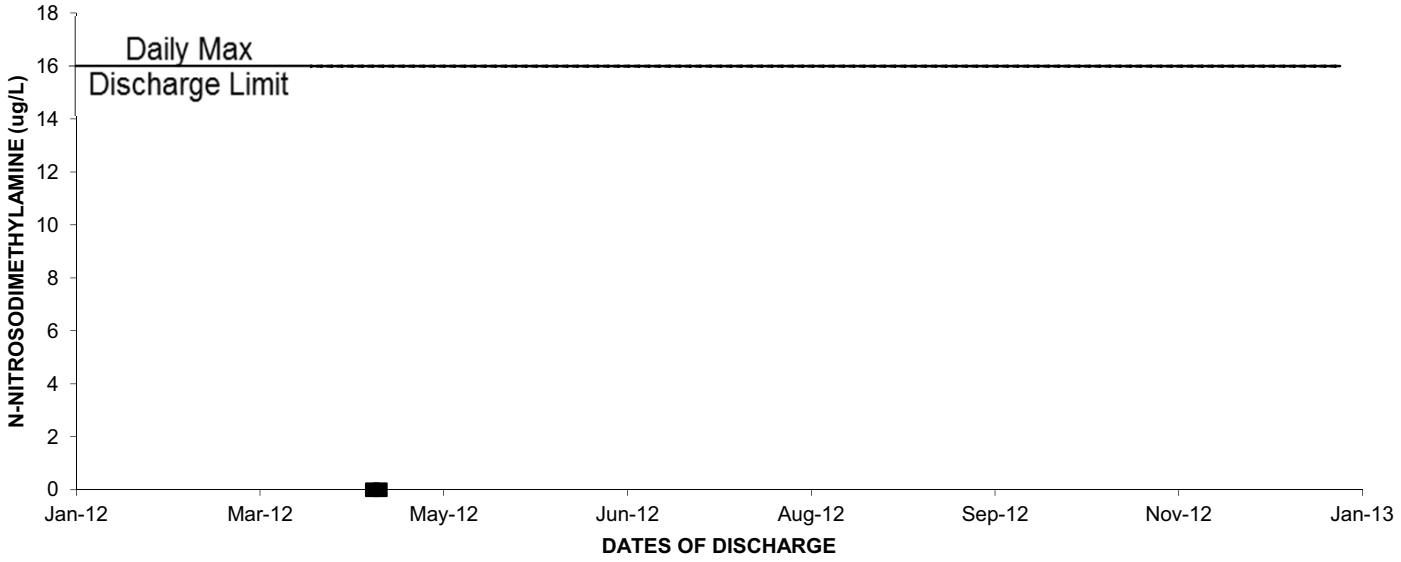
2012: OUTFALL 002 2,4-DINITROTOLUENE



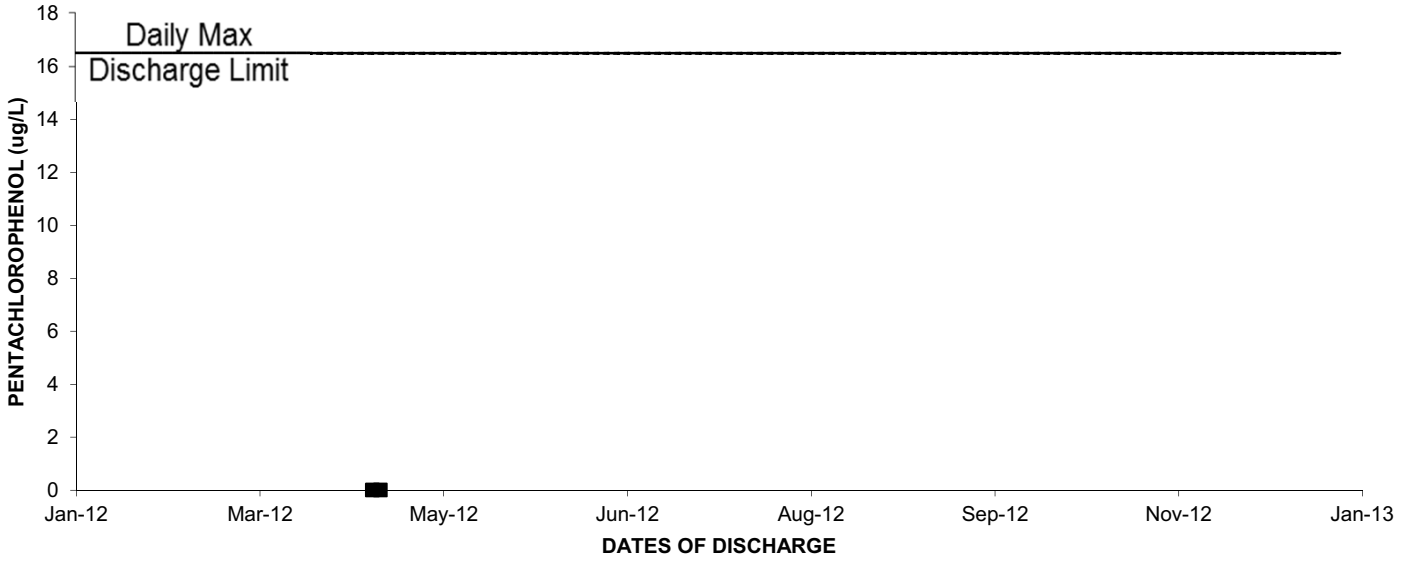
2012: OUTFALL 002 BIS (2-ETHYLHEXYL) PHTHALATE



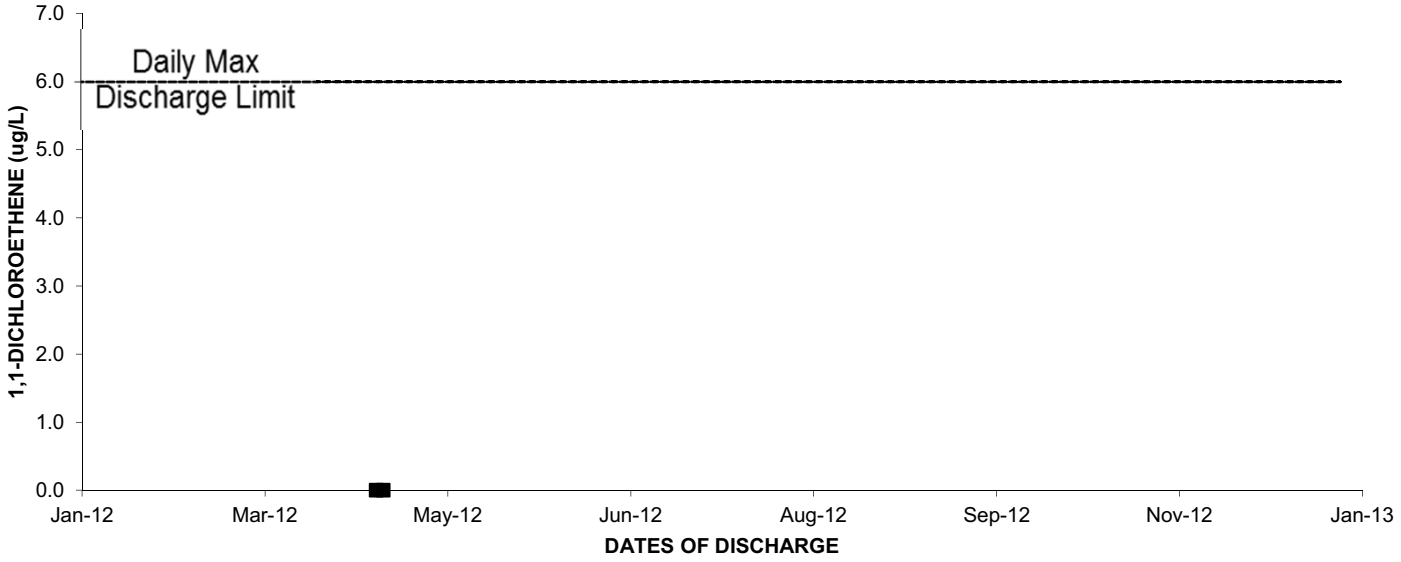
2012: OUTFALL 002 N-NITROSODIMETHYLAMINE

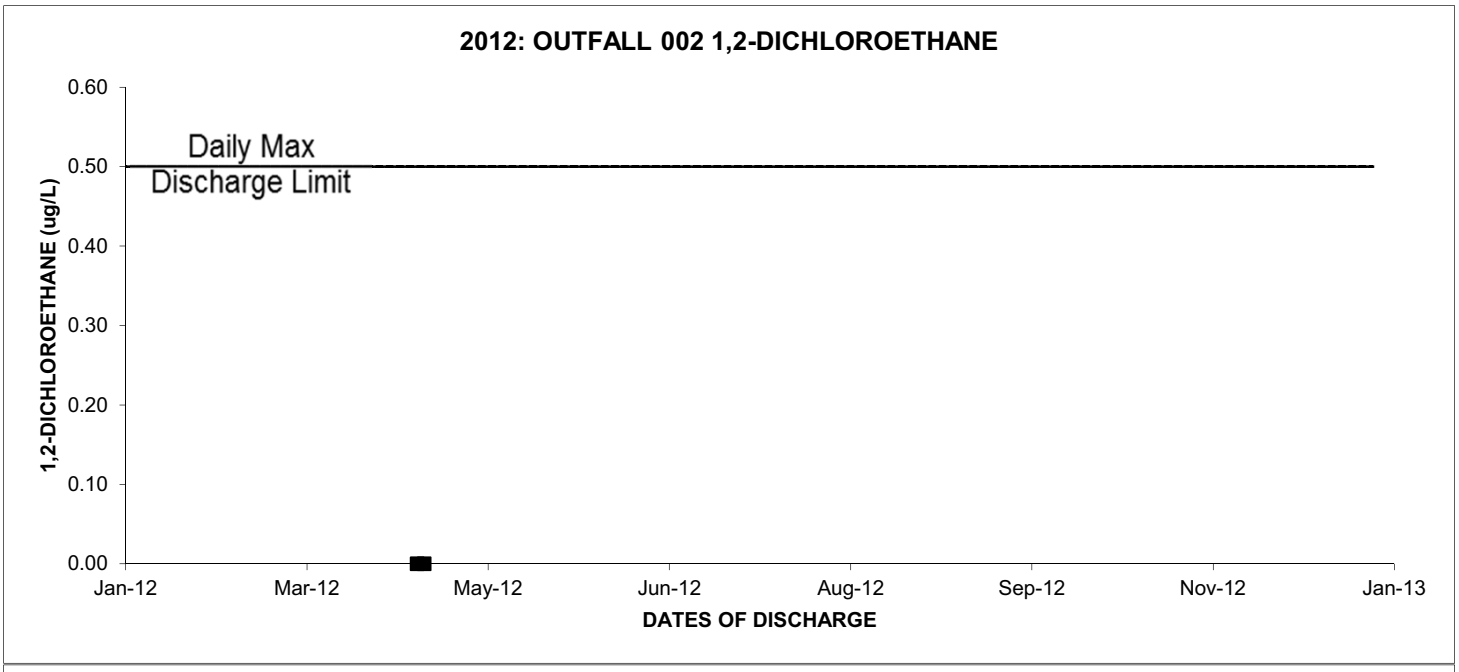


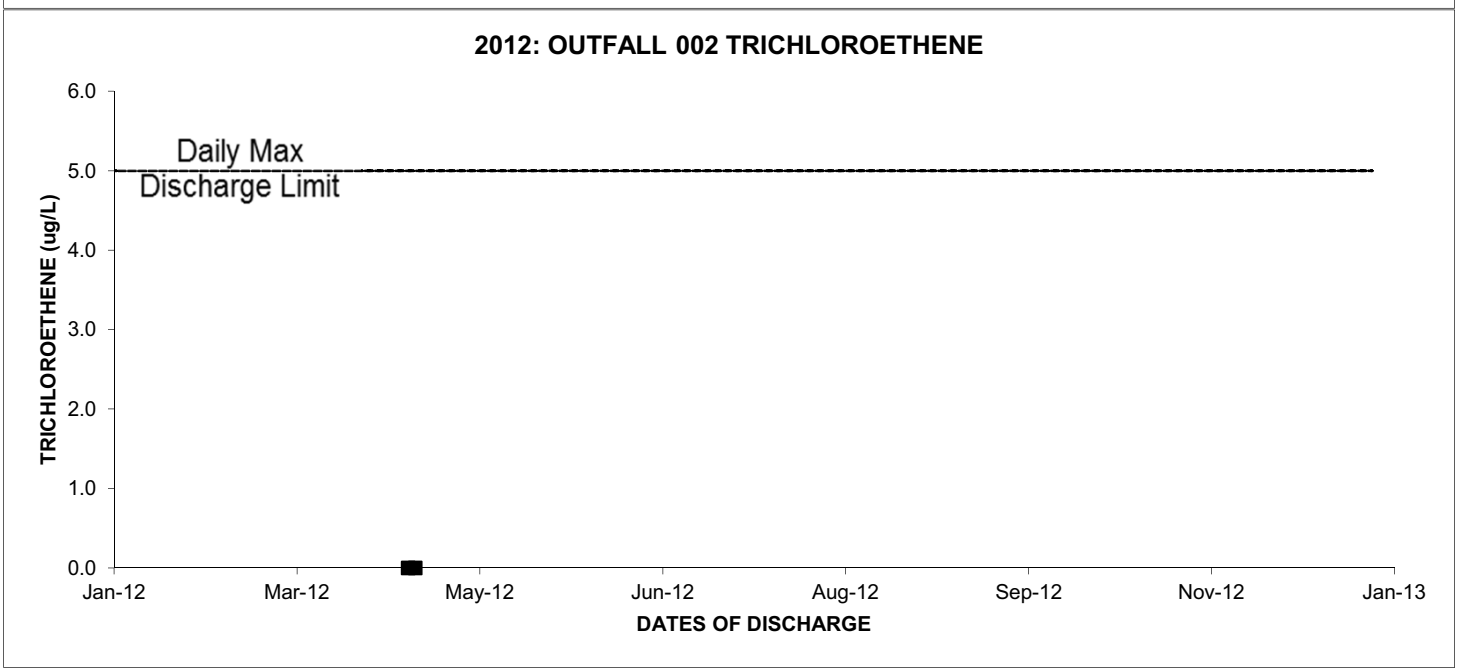
2012: OUTFALL 002 PENTACHLOROPHENOL

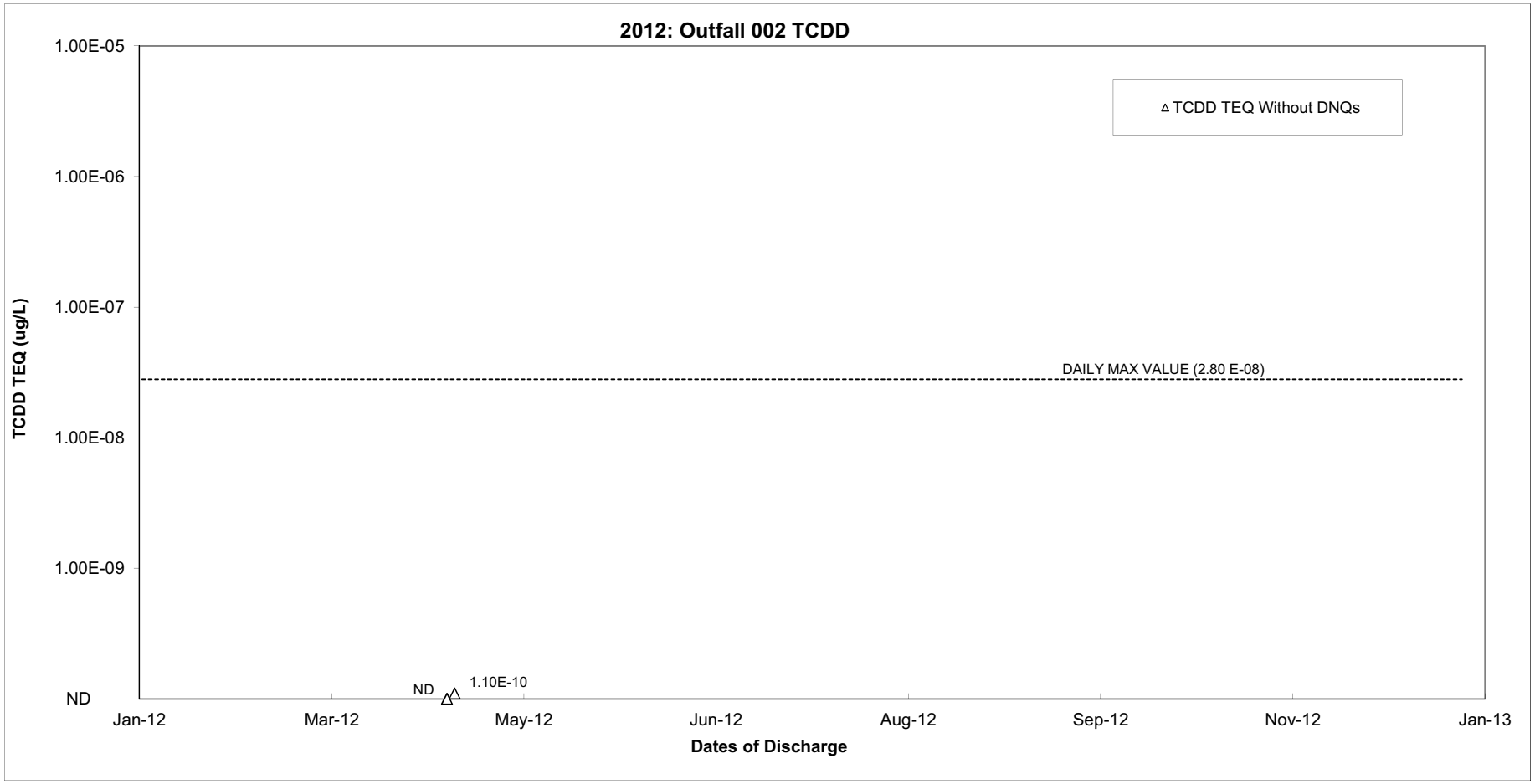


2012: OUTFALL 002 1,1-DICHLOROETHENE




2012: OUTFALL 002 1,2-DICHLOROETHANE
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Daily Max
Discharge Limit
1,2-DICHLOROETHANE (ug/L)
Jan-12
Mar-12
May-12
Jun-12
Aug-12
Sep-12
Nov-12
Jan-13
DATES OF DISCHARGE


2012: OUTFALL 002 TRICHLOROETHENE
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Daily Max
Discharge Limit
TRICHLOROETHENE (ug/L)
Jan-12
Mar-12
May-12
Jun-12
Aug-12
Sep-12
Nov-12
Jan-13
DATES OF DISCHARGE


2012: Outfall 002 TCDD
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 (2.80 E-08)
ND
1.10E-10
Jan-12
Mar-12
May-12
Jun-12
Aug-12
Sep-12
Nov-12
Jan-13
Dates of Discharge