OUTFALL 011 (Perimeter Pond Weir)

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

January 1 through December 31, 2009

			2/16/2009	
ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	mg/L	10.1/1.96	0.56	*
Biochemical Oxygen Demand (BOD 5 day)	mg/L	30/20	2.1	*
Chloride	mg/L	150/-	12	*
Specific Conductivity (Lab)	umhos/cm	-/-	85	--
Surfactants (MBAS)	mg/L	0.5/-	ND < 0.025	*
Fluoride	mg/L	1.6/-	0.12	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	8.0/-	0.97	*
Nitrate as Nitrogen (N)	mg/L	8.0/-	0.97	*
Nitrite-N	mg/L	1.0/-	ND < 0.090	*
Oil & Grease	mg/L	15/10	1.5	J* (DNQ)
Perchlorate	ug/L	6.0/-	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	7.3	*
Total Settleable Solids	ml/L	0.3/0.1	ND < 0.10	pHa*
Sulfate	mg/L	300/-	4.3	*
Temperature	deg. F	86/-	46	*
Total Cyanide	ug/L	8.5/4.3	ND < 2.2	*
Total Dissolved Solids	mg/L	950/-	77	*
Hardness	mg/L	-/-	39	--
Hardness, dissolved	mg/L	-/-	25	--
Total Organic Carbon	mg/L	-/-	5.9	--
Total Residual Chlorine	mg/L	0.1/-	ND < 0.10	HFT*
Total Suspended Solids	mg/L	45/15	160	--
Turbidity	NTU	-/-	210	--
Volume Discharged	MGD	160/-	0.39364	*
METALS				
Antimony	ug/L	6.0/-	0.65	J* (DNQ)
Antimony, dissolved	ug/L	-/-	0.58	J* (DNQ)
Arsenic	ug/L	10/-	7.9	J (DNQ)
Arsenic, dissolved	ug/L	-/-	ND < 7.0	U
Barium	mg/L	1.0/-	0.068	--
Barium, dissolved	mg/L	-/-	0.0082	J (DNQ)
Beryllium	ug/L	4.0/-	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ND < 0.90	U
Boron	mg/L	-/-	0.033	J (DNQ)
Boron, dissolved	mg/L	-/-	ND < 0.020	U
Cadmium	ug/L	3.1/2.0	0.18	J* (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	C*
Calcium	mg/L	-/-	8.8	--
Calcium, Dissolved	mg/L	-/-	7.0	--
Chromium	ug/L	16.3/8.1	25	--
Chromium, dissolved	ug/L	-/-	ND < 2.0	U
Chromium VI	ug/L	16.3/8.1	ND < 0.25	*
Cobalt	ug/L	-/-	3.0	J (DNQ)
Cobalt, dissolved	ug/L	-/-	ND < 2.0	U
Copper	ug/L	14.0/7.1	6.5	*
Copper, dissolved	ug/L	-/-	1.7	J* (DNQ)
Iron	mg/L	0.3/-	11	--
Iron, dissolved	mg/L	-/-	0.34	--
Lead	ug/L	5.2/2.6	7.1	*

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Lead, dissolved	ug/L	-/-	ND < 0.30	*
Magnesium	mg/L	-/-	4.1	--
Magnesium, Dissolved	mg/L	-/-	1.7	--
Manganese	ug/L	50/-	150	--
Manganese, dissolved	ug/L	-/-	23	--
Mercury	ug/L	0.10/0.05	ND < 0.027	U
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	96/35	ND < 14	U (B)
Nickel, dissolved	ug/L	-/-	ND < 2.0	U
Selenium	ug/L	8.2/4.1	ND < 0.30	*
Selenium, dissolved	ug/L	-/-	0.48	J* (DNQ)
Silver	ug/L	4.1/2.0	ND < 0.30	*
Silver, dissolved	ug/L	-/-	ND < 0.30	*
Thallium	ug/L	2.0/-	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	ND < 0.20	C*
Vanadium	ug/L	-/-	25	--
Vanadium, dissolved	ug/L	-/-	ND < 3.0	U
Zinc	ug/L	119/54	60	--
Zinc, dissolved	ug/L	-/-	ND < 20	UJ (*III,B)
ORGANICS				
Benzene	ug/L	-/-	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ND < 0.28	*
Chloroform	ug/L	-/-	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ND < 0.28	*
1,1-Dichloroethene	ug/L	6.0/3.2	ND < 0.42	*
1,4-Dioxane	ug/L	-/-	ND < 1.0	*
Ethylbenzene	ug/L	-/-	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ND < 0.32	*
Toluene	ug/L	-/-	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ND < 0.30	*
Trichloroethene	ug/L	5.0/-	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ND < 0.50	*
Vinyl Chloride	ug/L	-/-	ND < 0.40	*
TPH				
DRO (C13 - C28)	mg/L	-/-	ND < 0.047	*
GRO (C4 - C12)	mg/L	-/-	ND < 0.025	*
ADDITIONAL ANALYTES				
1,2-Dichloro-1,1,2-trifluoroethane	ug/L	-/-	ND < 2.5	*
2,4,5-Trichlorophenol	ug/L	-/-	ND < 0.19	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ND < 0.094	*
1,2-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.32	*
1,2-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.094	*
1,2-Dichloropropane	ug/L	-/-	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ND < 0.094	*
1,3-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.094	*

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1,3-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.35	*
1,4-Dichlorobenzene (EPA 624)	ug/L	-/-	ND < 0.19	*
1,4-Dichlorobenzene (EPA 625)	ug/L	-/-	ND < 0.37	*
2,4,6-Trichlorophenol	ug/L	13.0/6.5	ND < 0.094	*
2,4-Dichlorophenol	ug/L	-/-	ND < 0.19	*
2,4-Dimethylphenol	ug/L	-/-	ND < 0.28	*
2,4-Dinitrophenol	ug/L	-/-	ND < 0.85	*
2,4-Dinitrotoluene	ug/L	18.3/9.1	ND < 0.19	*
2,6-Dinitrotoluene	ug/L	-/-	ND < 0.094	*
2-Chloroethylvinylether	ug/L	-/-	ND < 1.8	P9*
2-Chloronaphthalene	ug/L	-/-	ND < 0.094	*
2-Chlorophenol	ug/L	-/-	ND < 0.19	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ND < 0.19	*
2-Methylnaphthalene	ug/L	-/-	ND < 0.094	*
2-Methylphenol	ug/L	-/-	ND < 0.094	*
2-Nitrophenol	ug/L	-/-	ND < 0.094	*
3,3'-Dichlorobenzidine	ug/L	-/-	ND < 4.7	*
4,4'-DDD	ug/L	-/-	ND < 0.0019	UJ (C)
4,4'-DDE	ug/L	-/-	ND < 0.0028	UJ (C)
4,4'-DDT	ug/L	-/-	ND < 0.0038	UJ (C)
4-Bromophenylphenylether	ug/L	-/-	ND < 0.094	*
4-Chloro-3-methylphenol	ug/L	-/-	ND < 0.19	*
4-Chloroaniline	ug/L	-/-	ND < 0.094	*
4-Chlorophenylphenylether	ug/L	-/-	ND < 0.094	*
4-Nitrophenol	ug/L	-/-	ND < 2.4	*
Acenaphthene	ug/L	-/-	ND < 0.094	*
Acenaphthylene	ug/L	-/-	ND < 0.094	*
Acrolein	ug/L	-/-	ND < 4.0	P9*
Acrylonitrile	ug/L	-/-	ND < 0.70	*
Acute Toxicity	% SURVIVAL	70-100/-	100	*
Aldrin	ug/L	-/-	ND < 0.0014	UJ (C)
alpha-BHC	ug/L	0.03/0.01	ND < 0.0024	UJ (C)
Aniline	ug/L	-/-	ND < 0.28	*
Anthracene	ug/L	-/-	ND < 0.094	*
Aroclor-1016	ug/L	-/-	ND < 0.24	*
Aroclor-1221	ug/L	-/-	ND < 0.24	*
Aroclor-1232	ug/L	-/-	ND < 0.24	*
Aroclor-1242	ug/L	-/-	ND < 0.24	*
Aroclor-1248	ug/L	-/-	ND < 0.24	*
Aroclor-1254	ug/L	-/-	ND < 0.24	*
Aroclor-1260	ug/L	-/-	ND < 0.24	*
Benzidine	ug/L	-/-	ND < 4.7	*
Benzo(a)anthracene	ug/L	-/-	ND < 0.094	*
Benzo(a)pyrene	ug/L	-/-	ND < 0.094	*
Benzo(b)fluoranthene	ug/L	-/-	ND < 0.094	*
Benzo(g,h,I)perylene	ug/L	-/-	ND < 0.094	*
Benzo(k)fluoranthene	ug/L	-/-	ND < 0.094	*
Benzoic acid	ug/L	-/-	ND < 2.8	*
Benzyl alcohol	ug/L	-/-	ND < 0.094	*
beta-BHC	ug/L	-/-	ND < 0.0038	U

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bis (2-Chloroethyl) ether	ug/L	-/-	ND < 0.094	*
bis (2-ethylhexyl) Phthalate	ug/L	4.0/-	ND < 1.6	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ND < 0.094	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ND < 0.094	*
Bromodichloromethane	ug/L	-/-	ND < 0.30	*
Bromoform	ug/L	-/-	ND < 0.40	*
Bromomethane	ug/L	-/-	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	1.3	J, B*
Chlordane	ug/L	-/-	ND < 0.038	U
Chlorobenzene	ug/L	-/-	ND < 0.36	*
Chloroethane	ug/L	-/-	ND < 0.40	*
Chloromethane	ug/L	-/-	ND < 0.40	*
Chronic Toxicity	TUC	1.0/-	1.0	*
Chrysene	ug/L	-/-	ND < 0.094	*
cis-1,2-Dichloroethene	ug/L	-/-	ND <0.32	*
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	L*
Cyclohexane	ug/L	-/-	ND < 2.5	*
delta-BHC	ug/L	-/-	ND < 0.0033	UJ (C)
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 0.094	*
Dibenzofuran	ug/L	-/-	ND < 0.094	*
Dibromochloromethane	ug/L	-/-	ND < 0.40	*
Dieldrin	ug/L	-/-	ND < 0.0019	UJ (C)
Diethylphthalate	ug/L	-/-	0.26	J* (DNQ)
Dimethylphthalate	ug/L	-/-	ND < 0.094	*
Di-n-butylphthalate	ug/L	-/-	ND < 0.19	*
Di-n-octylphthalate	ug/L	-/-	ND < 0.094	*
Endosulfan I	ug/L	-/-	ND < 0.0019	UJ (C)
Endosulfan II	ug/L	-/-	ND < 0.0028	UJ (C)
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	UJ (C)
Endrin	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin aldehyde	ug/L	-/-	ND < 0.0019	UJ (C)
Endrin ketone	ug/L	-/-	ND < 0.0028	UJ (C)
Fluoranthene	ug/L	-/-	ND < 0.094	*
Fluorene	ug/L	-/-	ND < 0.094	*
Heptachlor	ug/L	-/-	ND < 0.0028	UJ (C)
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	UJ (C)
Hexachlorobenzene	ug/L	-/-	ND < 0.094	*
Hexachlorobutadiene	ug/L	-/-	ND < 0.19	*
Hexachlorocyclopentadiene	ug/L	-/-	ND < 0.094	*
Hexachloroethane	ug/L	-/-	ND < 0.19	*
Hydrazine	ug/L	-/-	ND < 0.60	UJ (C)
Unsymmetrical Dimethyl Hydrazine	ug/L	-/-	ND < 1.42	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 0.094	*
Isophorone	ug/L	-/-	0.094	J* (DNQ)
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	UJ (C)
Methoxychlor	ug/L	-/-	ND < 0.0033	UJ (C)
Methylene Chloride	ug/L	-/-	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ND < 0.19	*
Monomethyl Hydrazine	ug/L	-/-	ND < 1.70	U
Naphthalene	ug/L	-/-	ND < 0.094	*

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ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**VALIDATION QUALIFIER**
Nitrobenzene	ug/L	-/-	ND < 0.094	*
n-Nitrosodimethylamine	ug/L	16.3/8.1	ND < 0.094	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 0.094	*
n-Nitrosodiphenylamine	ug/L	-/-	ND < 0.094	*
o-Nitroaniline	ug/L	-/-	ND < 0.094	*
p-Cresol	ug/L	-/-	ND < 0.19	*
Pentachlorophenol	ug/L	16.5/8.2	1.5	J* (DNQ)
Phenanthrene	ug/L	-/-	ND < 0.094	*
Phenol	ug/L	-/-	ND < 0.28	*
p-Nitroaniline	ug/L	-/-	ND < 0.47	*
Pyrene	ug/L	-/-	ND < 0.094	*
Toxaphene	ug/L	-/-	ND < 0.24	U
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	*

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ANALYTE	UNITS	Permit Limit Monthly Avg	February Average Concentration
Ammonia as Nitrogen (N)	mg/L	1.96	0.56
Biochemical Oxygen Demand (BOD 5 day)	mg/L	20	2.1
Oil & Grease	mg/L	10	1.5
Total Settleable Solids	ml/L	0.1	ND < 0.10
Total Cyanide	ug/L	4.3	ND < 2.2
Total Suspended Solids	mg/L	15	160
Cadmium	ug/L	2	0.18
Chromium VI	ug/L	8.1	ND < 0.25
Copper	ug/L	7.1	6.5
Lead	ug/L	2.6	7.1
Mercury	ug/L	0.05	ND < 0.027
Nickel	ug/L	35	ND < 14
Selenium	ug/L	4.1	ND < 0.30
Silver	ug/L	2	ND < 0.30
Zinc	ug/L	54	60
1,1-Dichloroethene	ug/L	3.2	ND < 0.42
2,4,6-Trichlorophenol	ug/L	6.5	ND < 0.094
2,4-Dinitrotoluene	ug/L	9.1	ND < 0.19
alpha-BHC	ug/L	0.01	ND < 0.0024
n-Nitrosodimethylamine	ug/L	8.1	ND < 0.094
Pentachlorophenol	ug/L	8.2	1.5
TCDD TEQ w/out DNQ Values	ug/L	1.40E-08	1.36E-06

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Sample Date February 16, 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	9.74E-05	--		0.01	**9.74E-07**
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	2.91E-05	--		0.01	**2.91E-07**
1,2,3,4,7,8,9-HpCDF	0.00E+00	2.50E-05	3.29E-06	J (DNQ)		0.01	**ND**
1,2,3,4,7,8-HxCDD	1.81E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	1.51E-06	J (DNQ)		0.1	**ND**
1,2,3,6,7,8-HxCDD	1.71E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,6,7,8-HxCDF	0.00E+00	2.50E-05	1.43E-06	J (DNQ)		0.1	**ND**
1,2,3,7,8,9-HxCDD	1.69E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8,9-HxCDF	1.51E-06	2.50E-05	ND	U		0.1	**ND**
1,2,3,7,8-PeCDD	1.26E-06	2.50E-05	ND	U		1	**ND**
1,2,3,7,8-PeCDF	6.92E-07	2.50E-05	ND	U		0.05	**ND**
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	1.71E-06	J (DNQ)		0.1	**ND**
2,3,4,7,8-PeCDF	7.15E-07	2.50E-05	ND	U		0.5	**ND**
2,3,7,8-TCDD	6.01E-07	5.00E-06	ND	U		1	**ND**
2,3,7,8-TCDF	7.23E-07	5.00E-06	ND	U		0.1	**ND**
OCDD	0.00E+00	5.00E-05	8.05E-04	--		0.0001	**8.05E-08**
OCDF	0.00E+00	5.00E-05	1.20E-04	--		0.0001	**1.20E-08**

TCDD TEQ w/out DNQ Values	**1.36E-06**

TCDD TEQ PERMIT LIMIT = 2.80E-08

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ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**RESULT**	**MDA**	**VALIDATION QUALIFIER**
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	4.7 ± 1.4	1.1	J (C,H)
Gross Beta	pCi/L	50/-	5.5 ± 1.1	1.2	J (H)
Strontium-90	pCi/L	8.0/-	-0.11 ± 0.25	0.47	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.39 ± 0.34	0.74	U
Tritium	pCi/L	20000/-	-40 ± 170	310	U
Uranium, Total	pCi/L	20/-	0.358 ± 0.039	0.21	J (H,DNQ)
Potassium-40	pCi/L	-/-	-100 ± 3300	300	UJ (H)
Cesium 137	pCi/L	200/-	0 ± 9.4	18	UJ (H)

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ANALYTE	**UNITS**	**Permit Limit Daily Max/Monthly Avg**	**Result**	**CONCENTRATION RESULT VALIDATION QUALIFIER**
Ammonia as Nitrogen (N)	LBS/DAY	13,500/2615	1.84	*
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	40,032/26,700	6.89	*
Chloride	LBS/DAY	200,160/-	39.40	*
Surfactants (MBAS)	LBS/DAY	667/-	ND	*
Fluoride	LBS/DAY	2,135/-	0.39	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	10,700/-	3.18	*
Nitrate as Nitrogen (N)	LBS/DAY	10,700/-	3.18	*
Nitrite-N	LBS/DAY	1,334/-	ND	*
Oil and Grease	LBS/DAY	20,016/13,344	4.92	J* (DNQ)
Perchlorate	LBS/DAY	8/-	ND	*
Sulfate	LBS/DAY	400,320/-	14.12	*
Total Cyanide	LBS/DAY	11.3/5.7	ND	*
Total Dissolved Solids	LBS/DAY	1,270,000/-	252.79	*
Total Residual Chlorine	LBS/DAY	133/-	ND	HFT*
Total Suspended Solids	LBS/DAY	60,048/20,016	525.27	--
Antimony	LBS/DAY	8.01/-	0.002	J* (DNQ)
Arsenic	LBS/DAY	66.7/-	0.03	J (DNQ)
Barium	LBS/DAY	1,330/-	0.22	--
Beryllium	LBS/DAY	5.34/-	ND	U
Cadmium	LBS/DAY	4.14/2.7	0.001	J* (DNQ)
Chromium IV	LBS/DAY	21.8/10.8	ND	*
Copper	LBS/DAY	18.7/9.5	0.02	*
Iron	LBS/DAY	400/-	36.11	--
Lead	LBS/DAY	6.94/3.5	0.02	*
Manganese	LBS/DAY	66.7/-	0.49	--
Mercury	LBS/DAY	0.13/0.07	ND	U
Nickel	LBS/DAY	128/47	ND	U (B)
Selenium	LBS/DAY	10.9/5.5	ND	*
Silver	LBS/DAY	5.5/2.7	ND	*
Thallium	LBS/DAY	2.7/-	ND	*
Zinc	LBS/DAY	159/72	0.20	--
1,1-Dichloroethene	LBS/DAY	8/4.3	ND	*
Trichloroethene	LBS/DAY	6.7/-	ND	*
2,4,6-Trichlorophenol	LBS/DAY	17/8.7	ND	*
2,4-Dinitrotoluene	LBS/DAY	24/12	ND	*
alpha-BHC	LBS/DAY	0.04/0.013	ND	UJ (C)
bis (2-ethylhexyl) Phthalate	LBS/DAY	5.3/-	ND	*
n-Nitrosodimethylamine	LBS/DAY	21.8/10.8	ND	*
Pentachlorophenol	LBS/DAY	22/10.9	0.005	J* (DNQ)
TCDD TEQ_NoDNQ	LBS/DAY	3.70E-08/1.90E-08	4.46E-09	--

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

OUTFALL 011 (Perimeter Pond Weir)

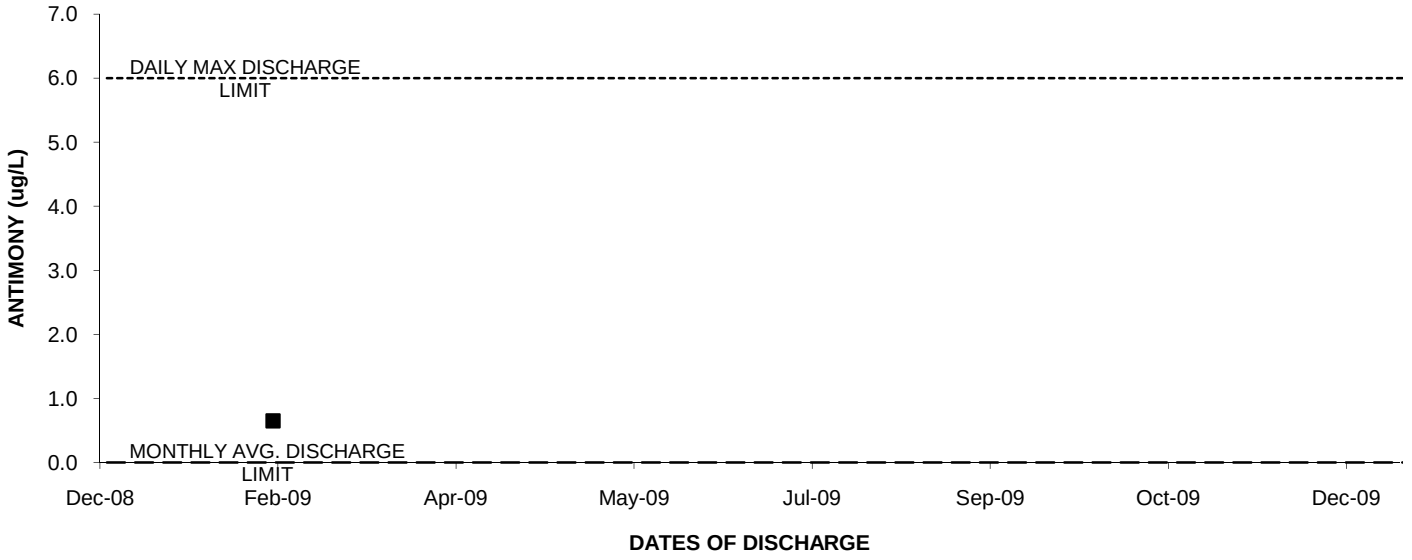
ANNUAL 2009 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through December 31, 2009

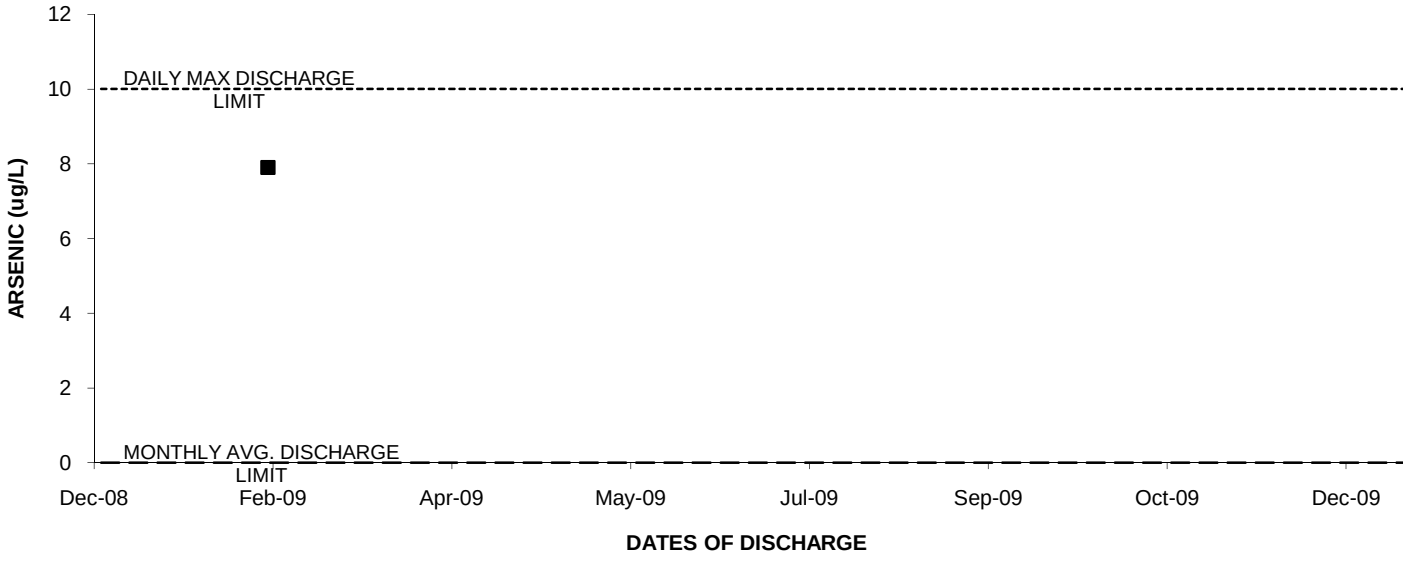
ANALYTE	UNITS	Permit Limit Mass Monthly Avg	February Average Mass Loading (lbs/day)
Ammonia as Nitrogen (N)	LBS/DAY	2615	1.89
Biochemical Oxygen Demand (BOD 5 day)	LBS/DAY	26,700	7.11
Oil and Grease	LBS/DAY	13,344	5.08
Total Cyanide	LBS/DAY	5.7	ND
Total Suspended Solids	LBS/DAY	20,016	541.35
METALS			
Cadmium	LBS/DAY	2.7	0.001
Chromium IV	LBS/DAY	10.8	0.08
Copper	LBS/DAY	9.5	0.02
Lead	LBS/DAY	3.5	0.02
Mercury	LBS/DAY	0.07	ND
Nickel	LBS/DAY	47	ND
Selenium	LBS/DAY	5.5	ND
Silver	LBS/DAY	2.7	ND
Zinc	LBS/DAY	72	0.20
ORGANICS			
1,1-Dichloroethene	LBS/DAY	4.3	ND
ADDITIONAL ANALYTES			
2,4,6-Trichlorophenol	LBS/DAY	8.7	ND
2,4-Dinitrotoluene	LBS/DAY	12	ND
alpha-BHC	LBS/DAY	0.013	ND
n-Nitrosodimethylamine	LBS/DAY	10.8	ND
Pentachlorophenol	LBS/DAY	10.9	0.005
TCDD TEQ_NoDNQ	LBS/DAY	1.90E-08	4.74E-09

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

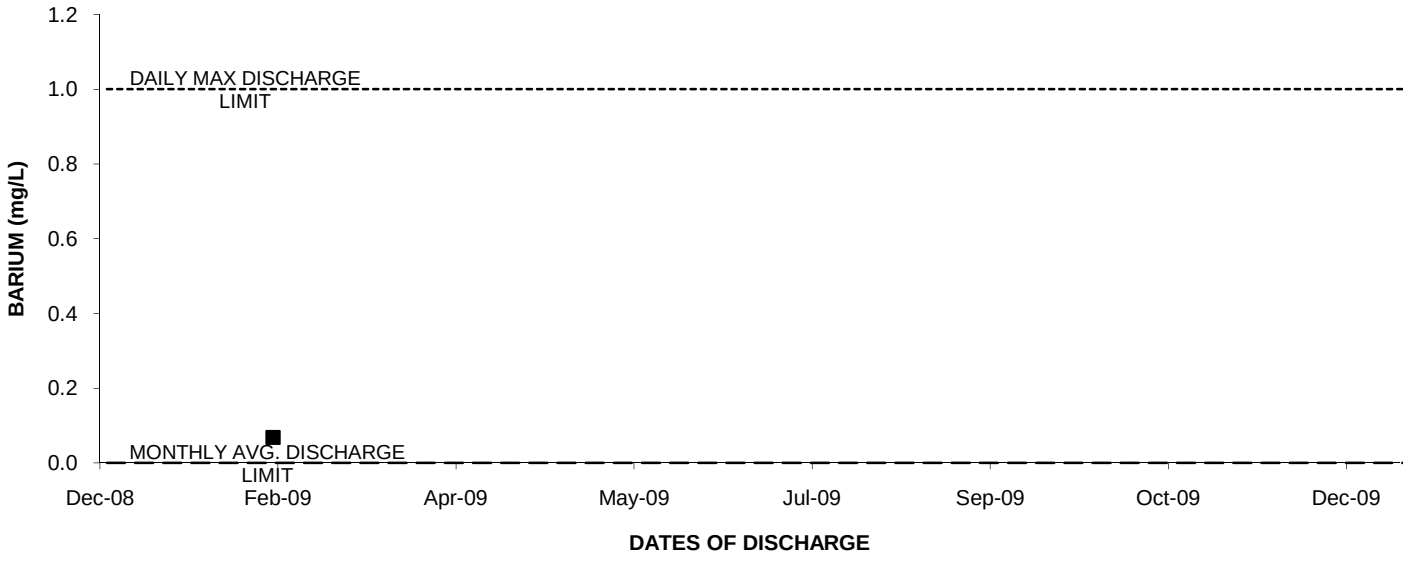
2009: OUTFALL 011 ANTIMONY



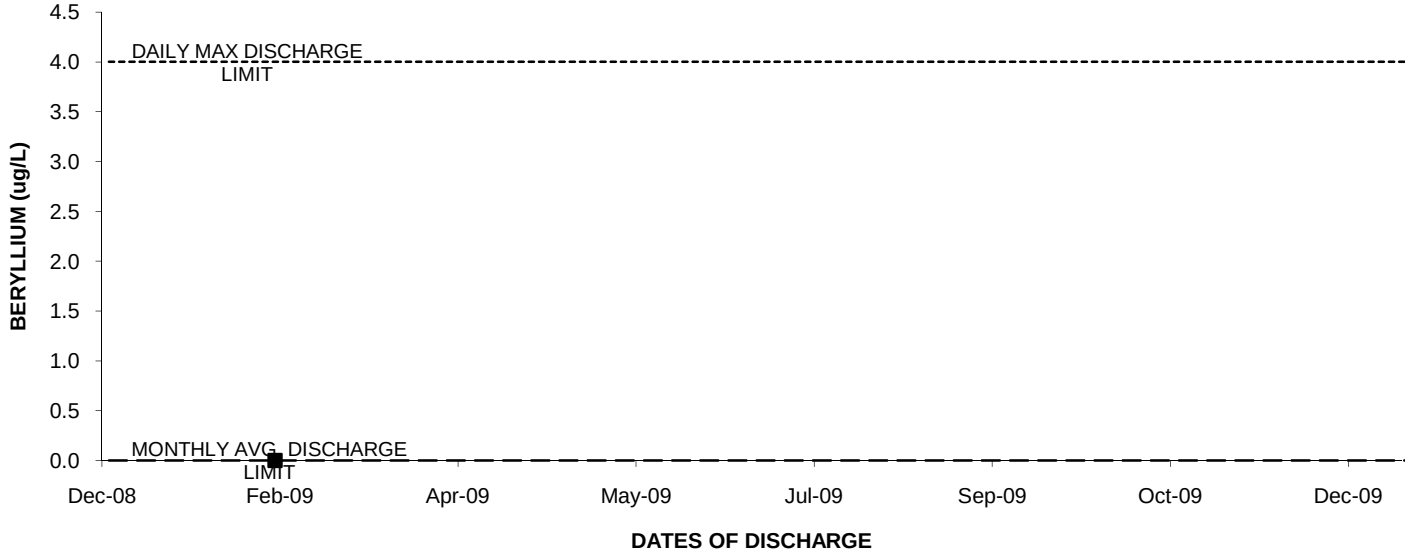
2009: OUTFALL 011 ARSENIC



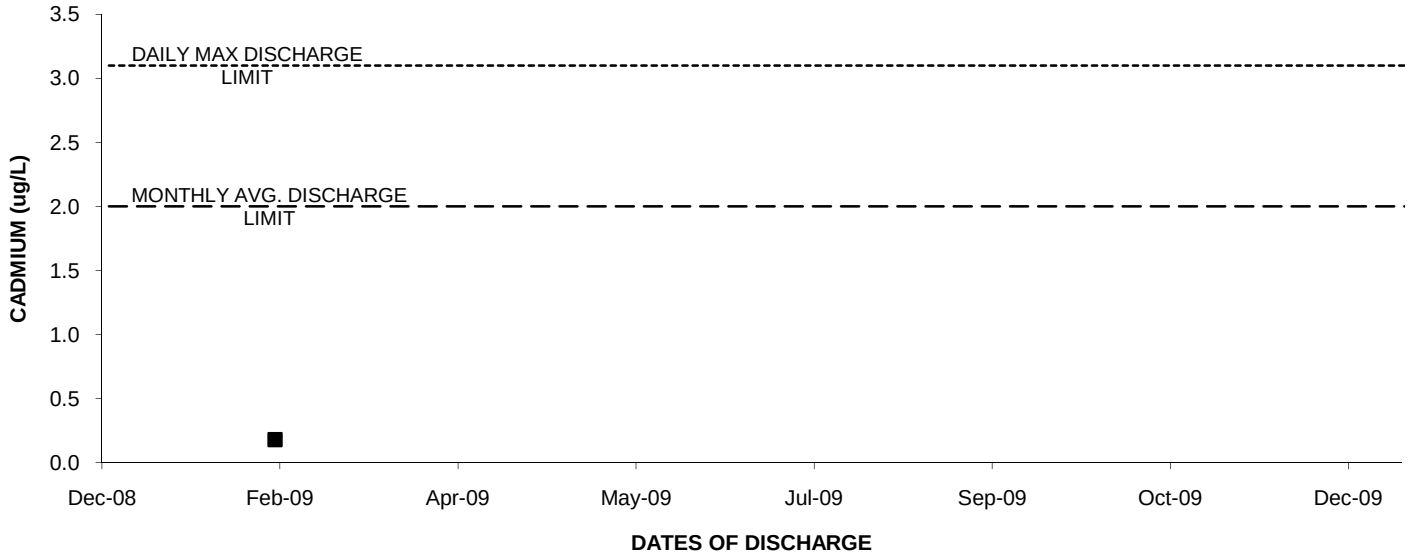
2009: OUTFALL 011 BARIUM



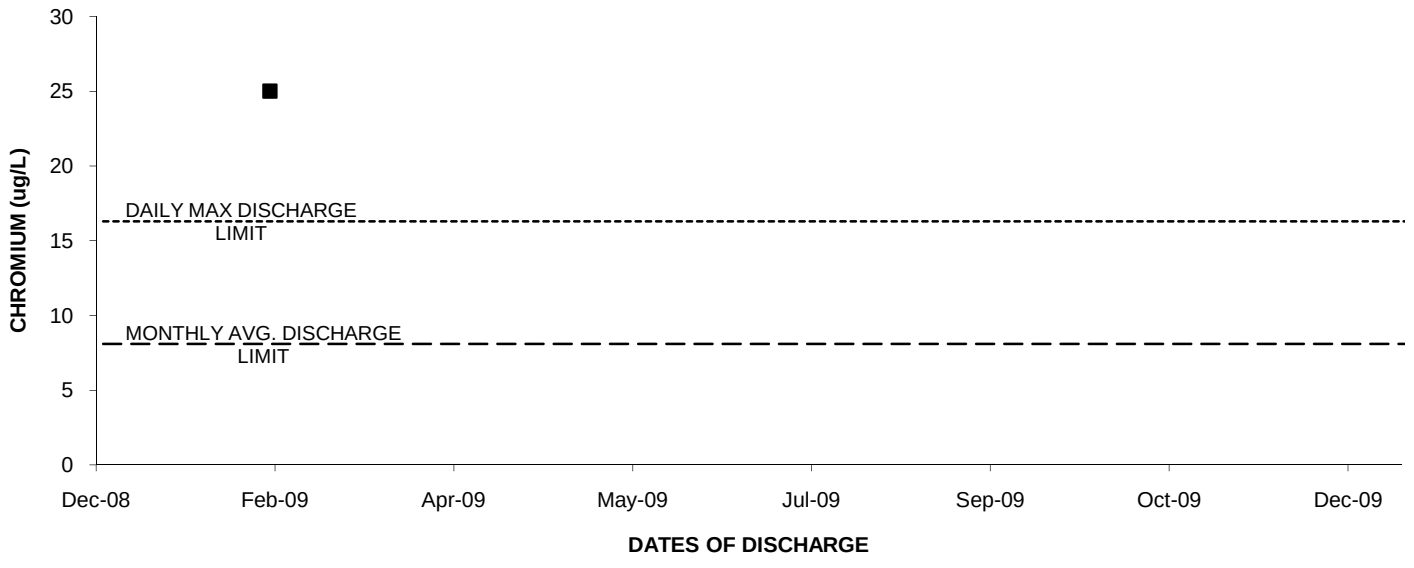
2009: OUTFALL 011 BERYLLIUM



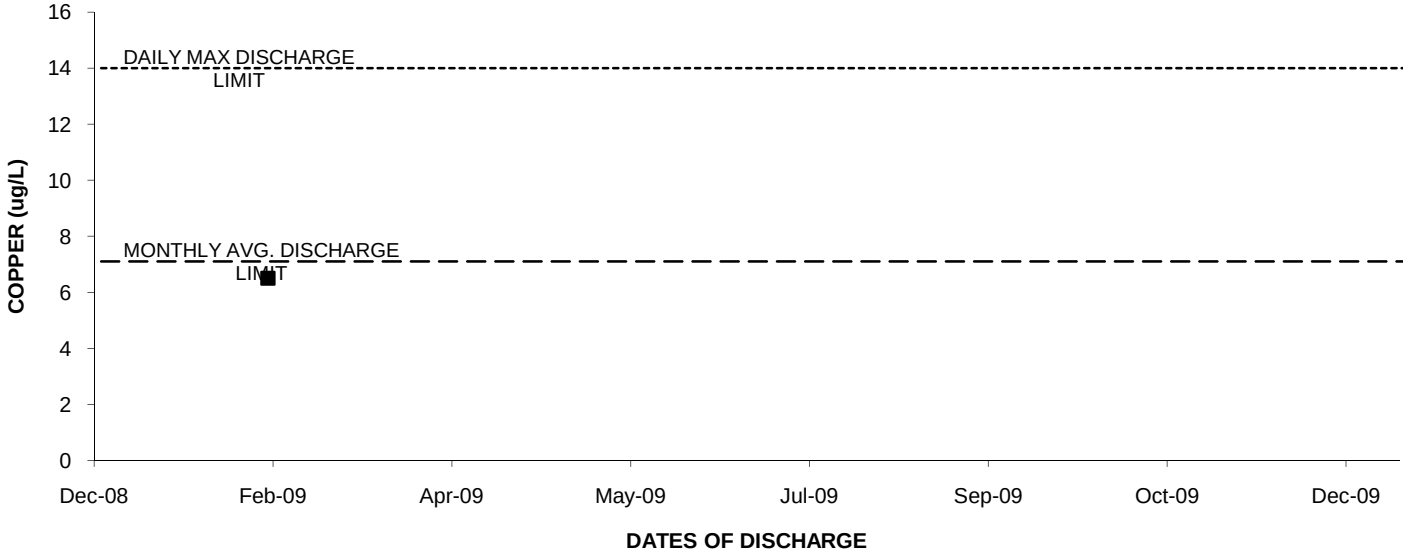
2009: OUTFALL 011 CADMIUM



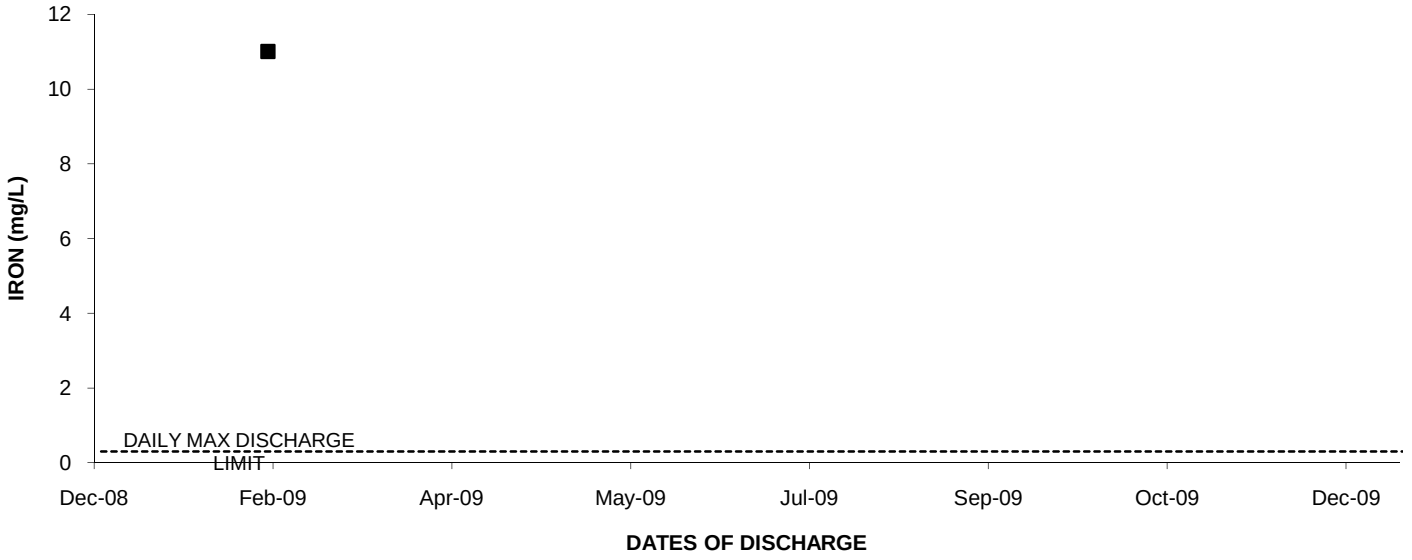
2009: OUTFALL 011 CHROMIUM



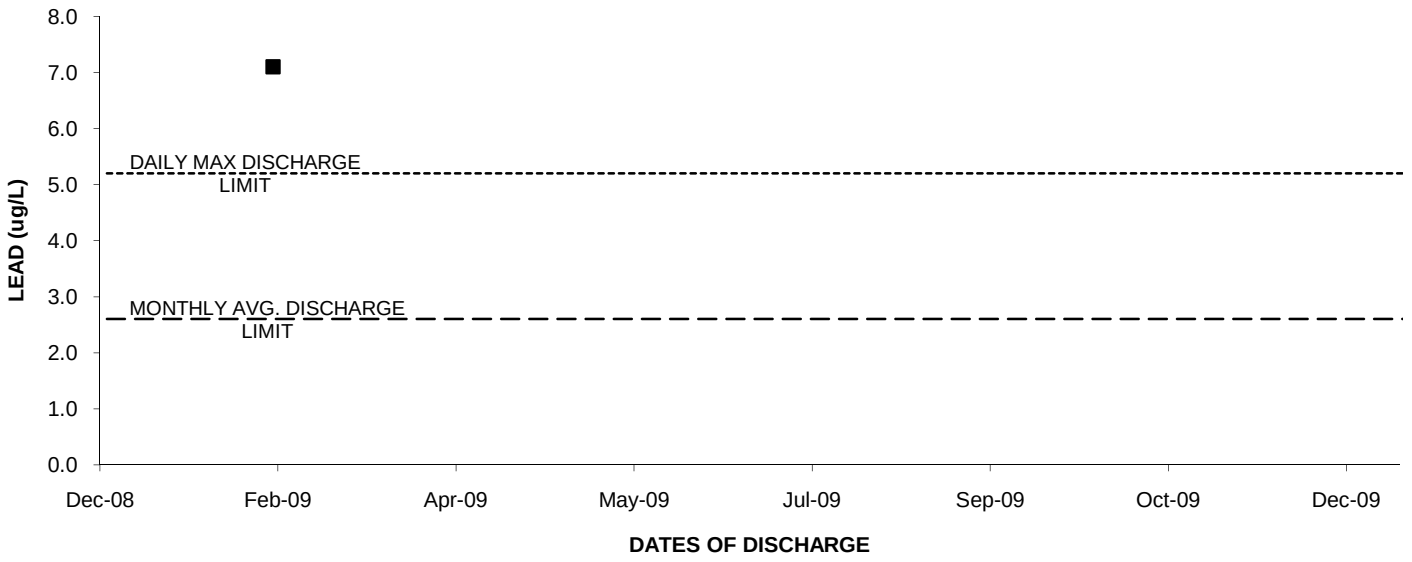
2009: OUTFALL 011 COPPER



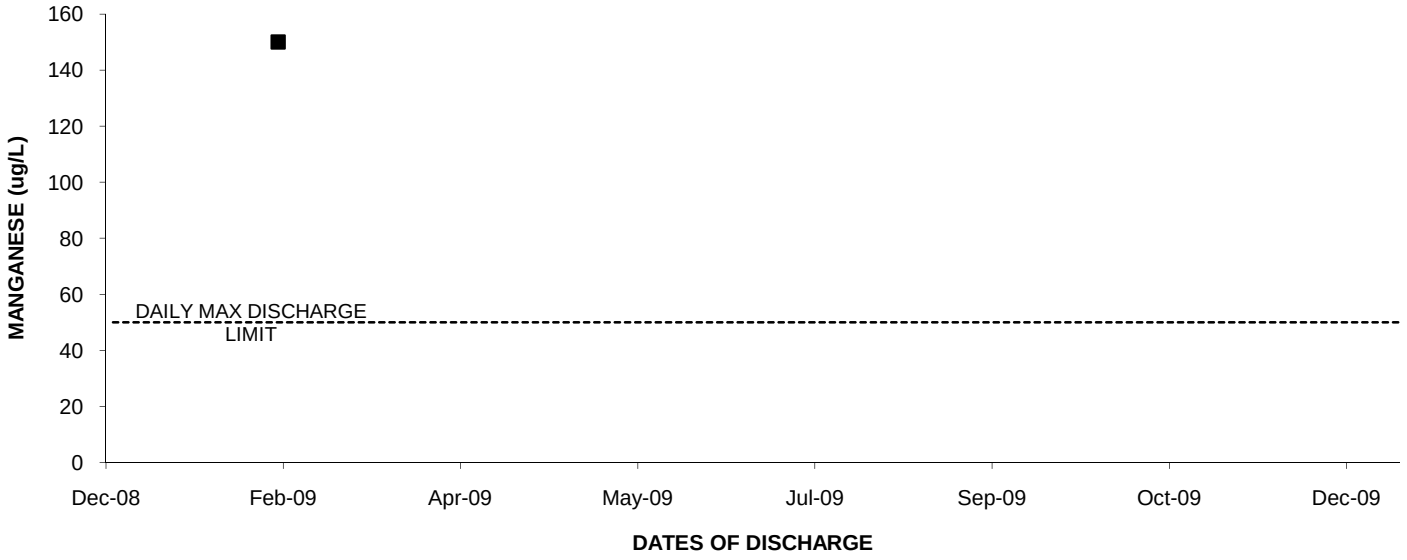
2009: OUTFALL 011 IRON



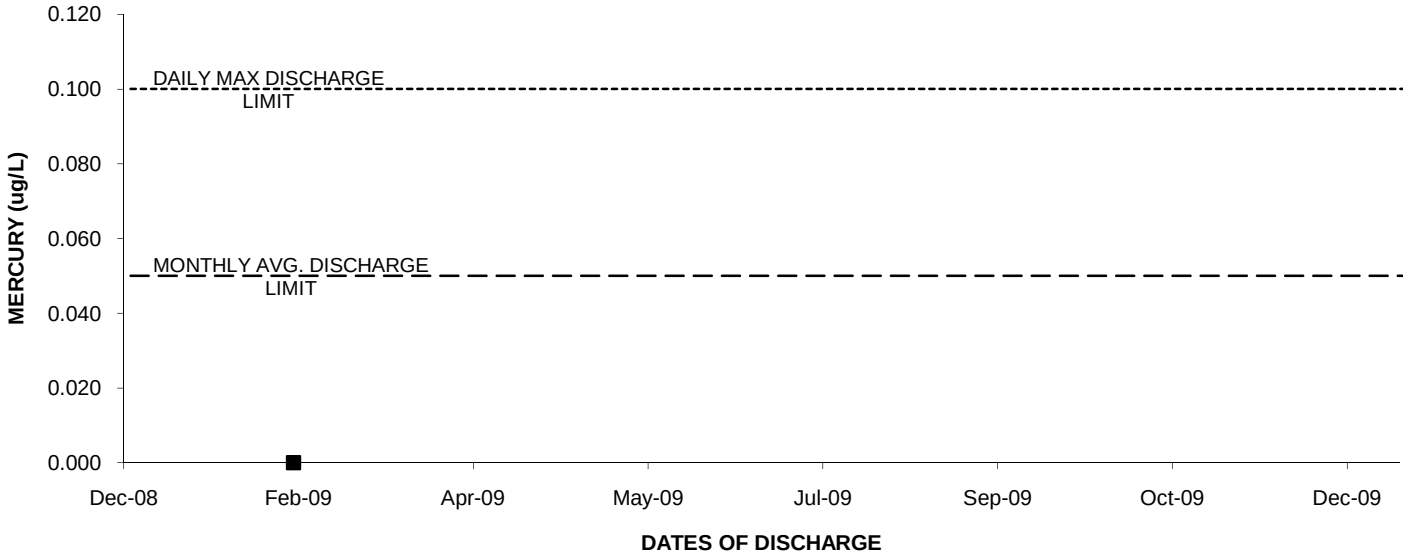
2009: OUTFALL 011 LEAD



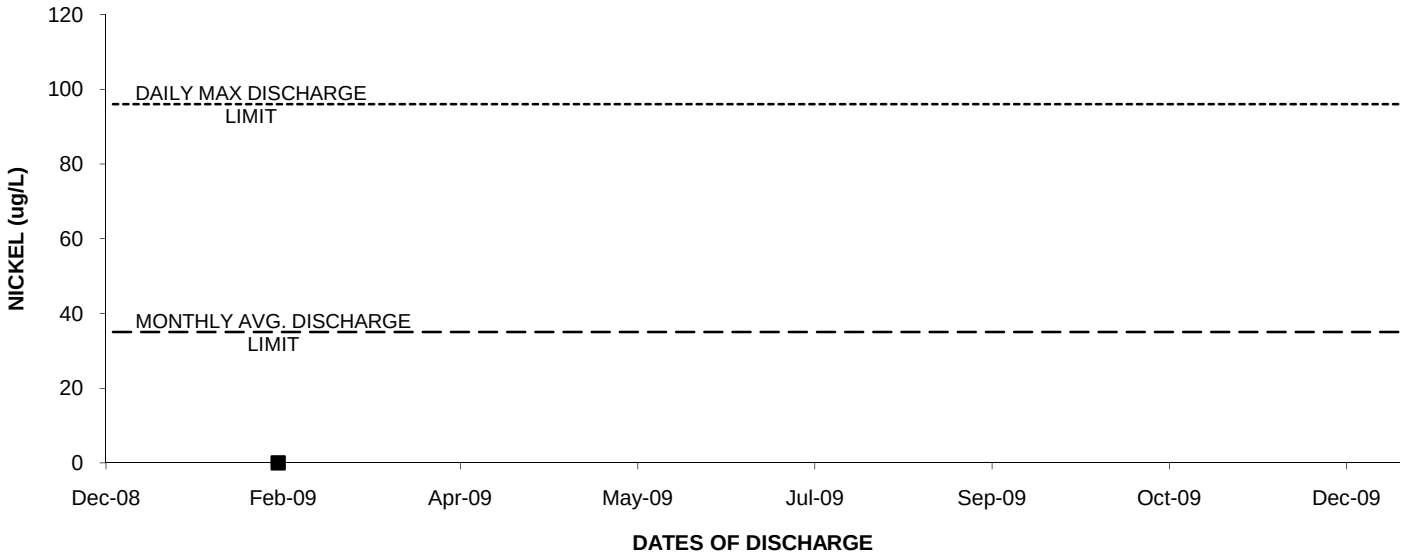
2009: OUTFALL 011 MANGANESE



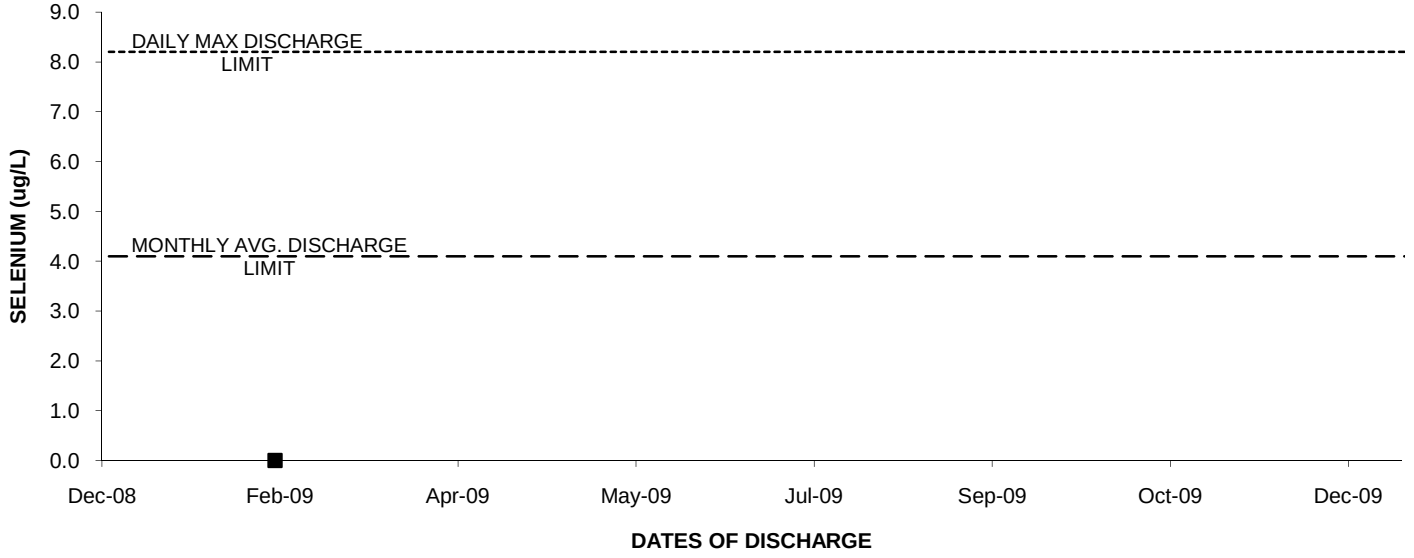
2009: OUTFALL 011 MERCURY



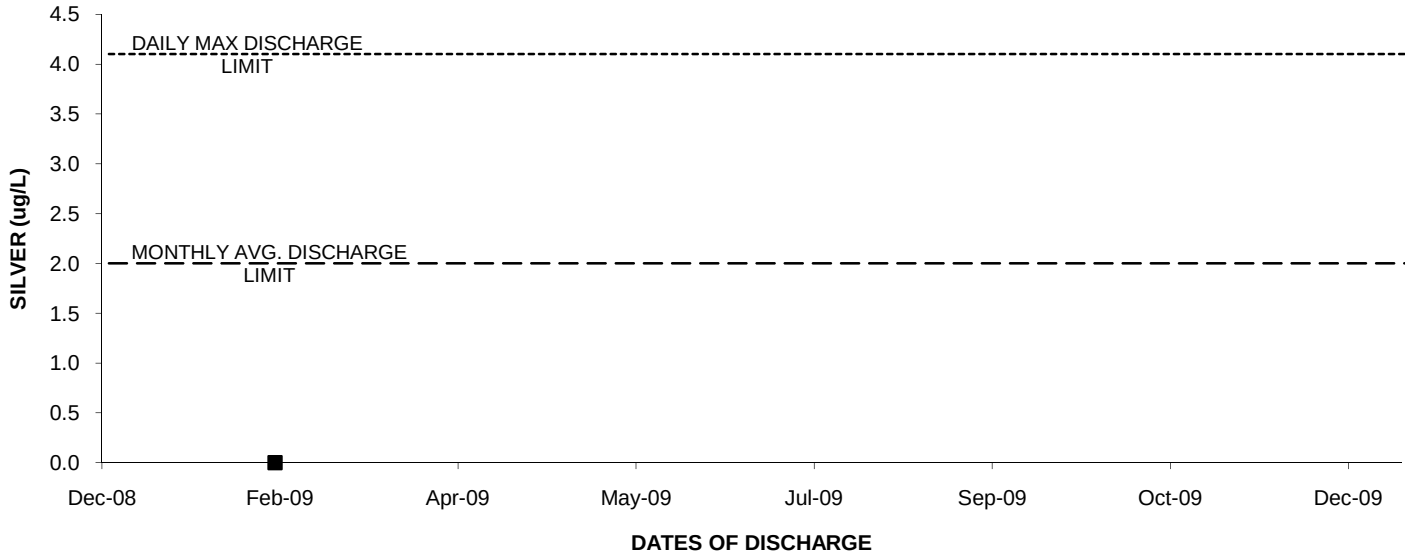
2009: OUTFALL 011 NICKEL



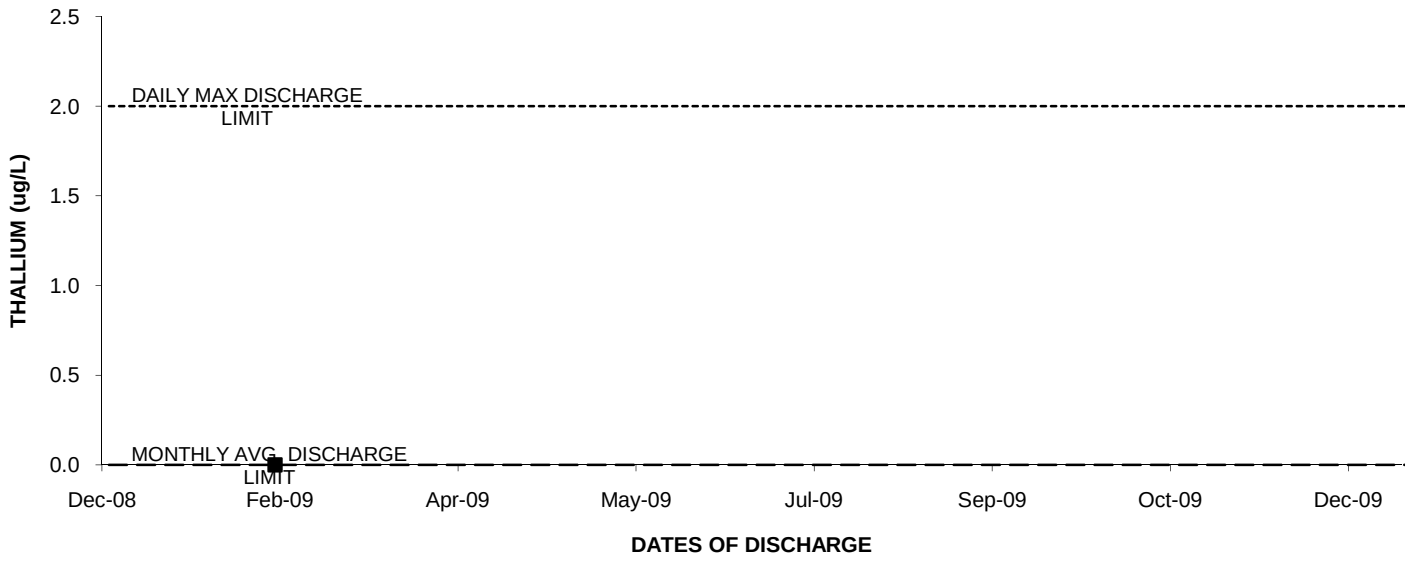
2009: OUTFALL 011 SELENIUM



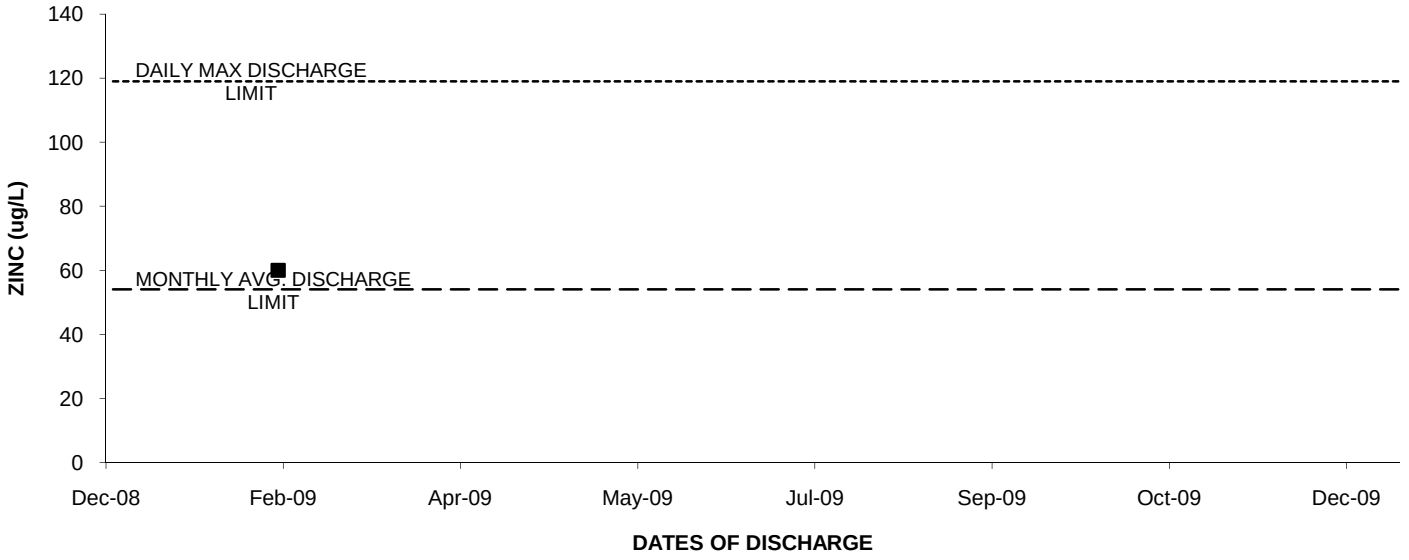
2009: OUTFALL 011 SILVER



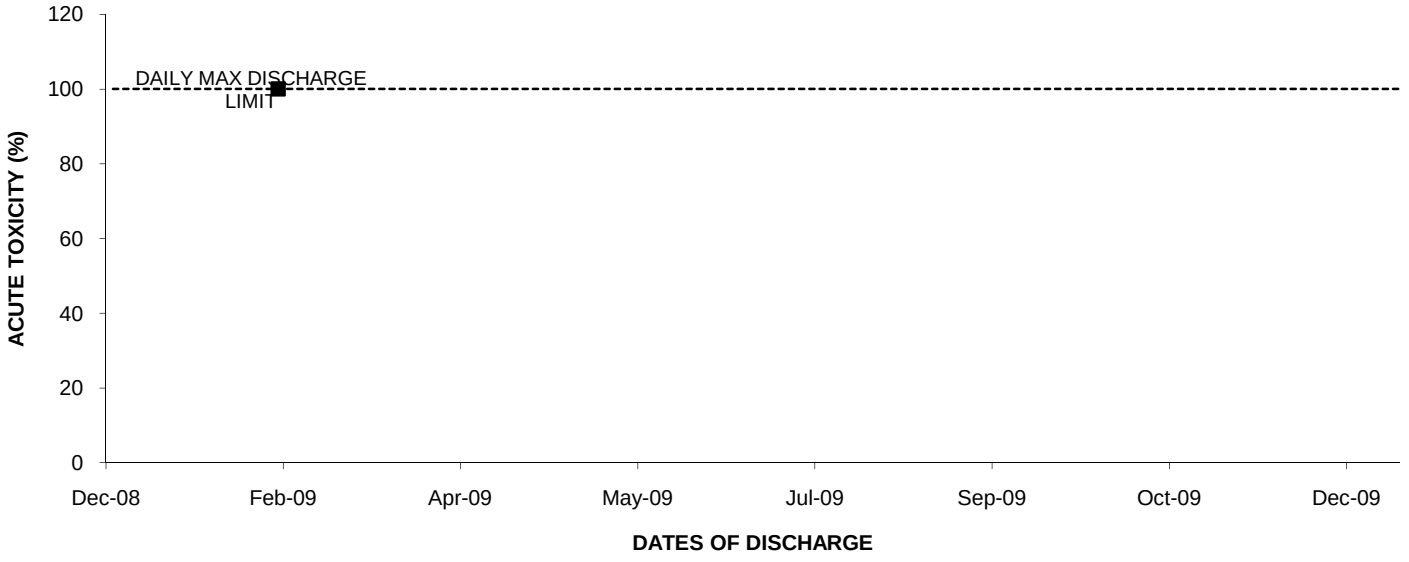
2009: OUTFALL 011 THALLIUM



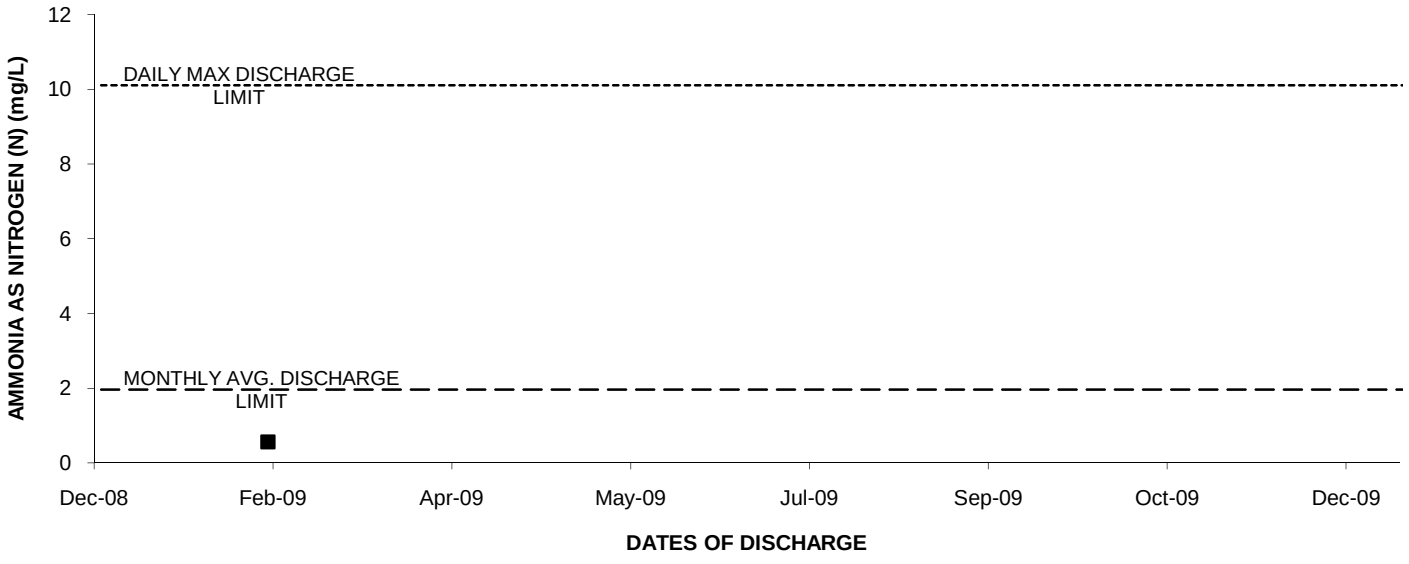
2009: OUTFALL 011 ZINC



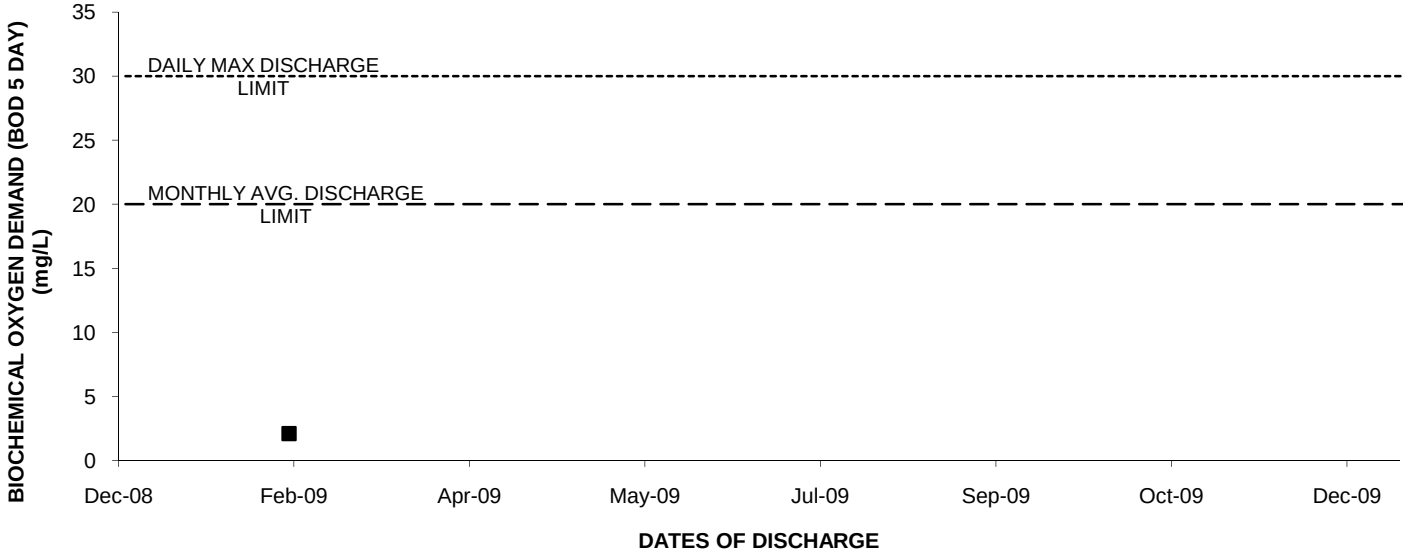
2009: OUTFALL 011 ACUTE TOXICITY



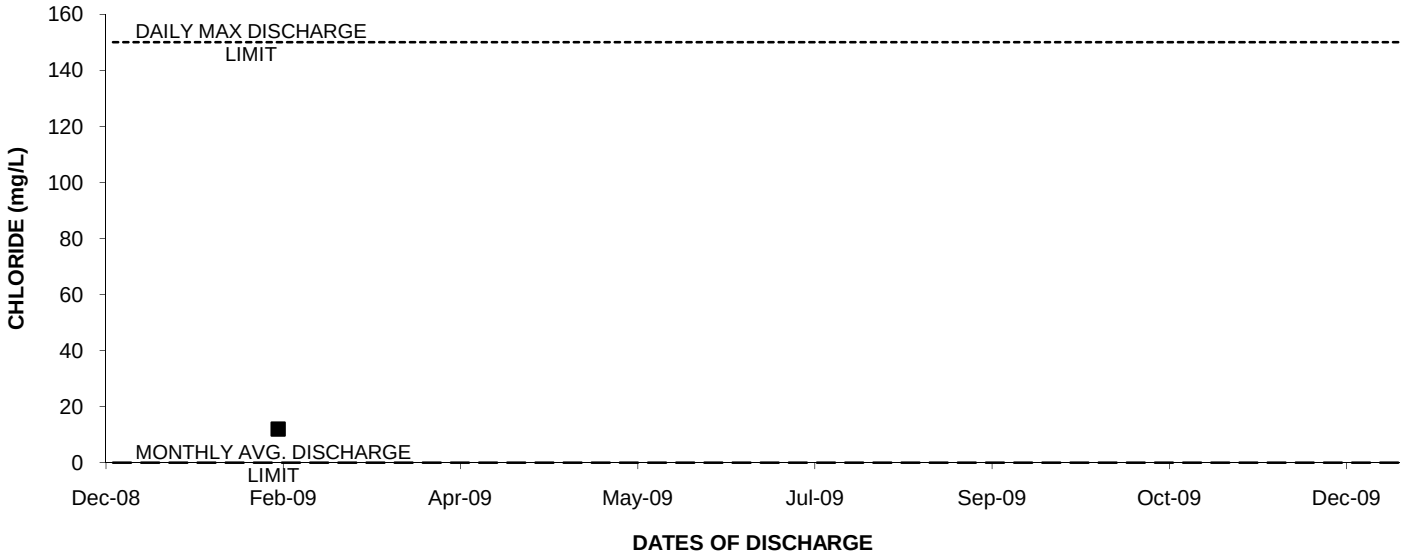
2009: OUTFALL 011 AMMONIA AS NITROGEN (N)



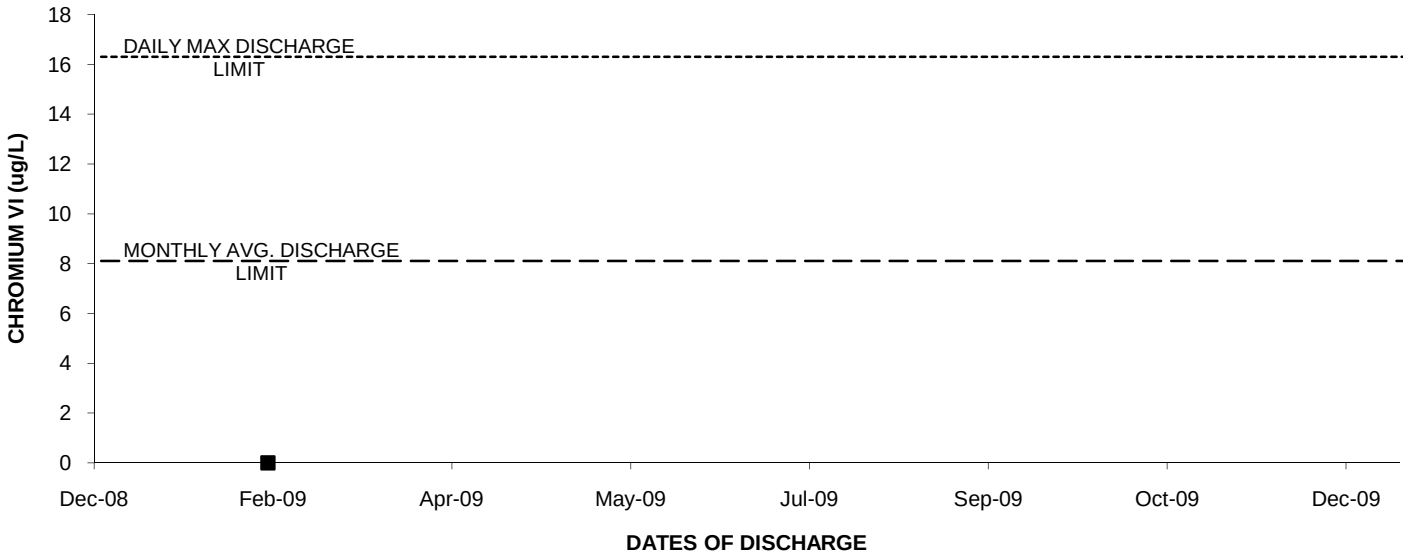
2009: OUTFALL 011 BIOCHEMICAL OXYGEN DEMAND (BOD 5 DAY)



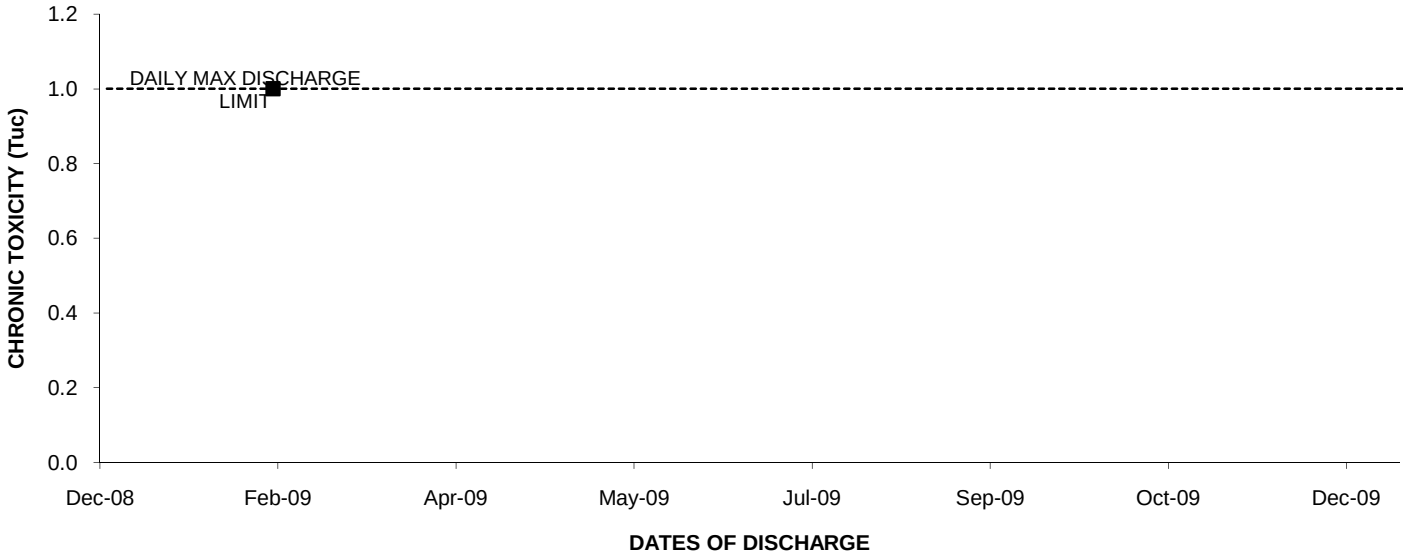
2009: OUTFALL 011 CHLORIDE



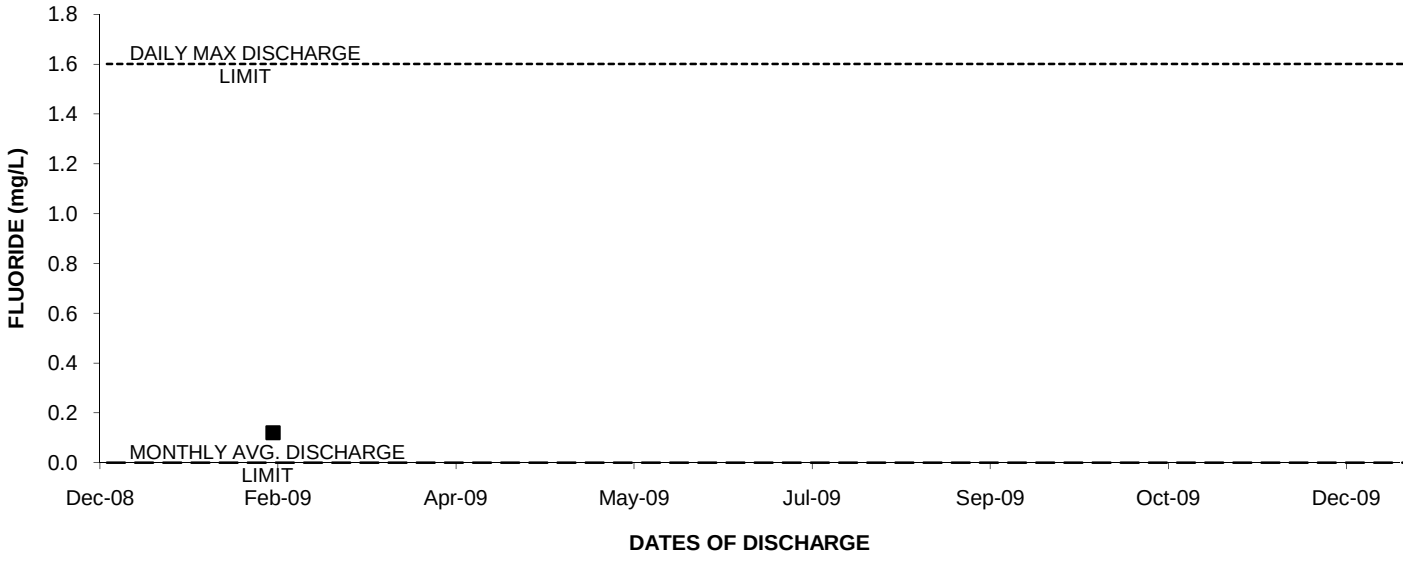
2009: OUTFALL 011 CHROMIUM VI



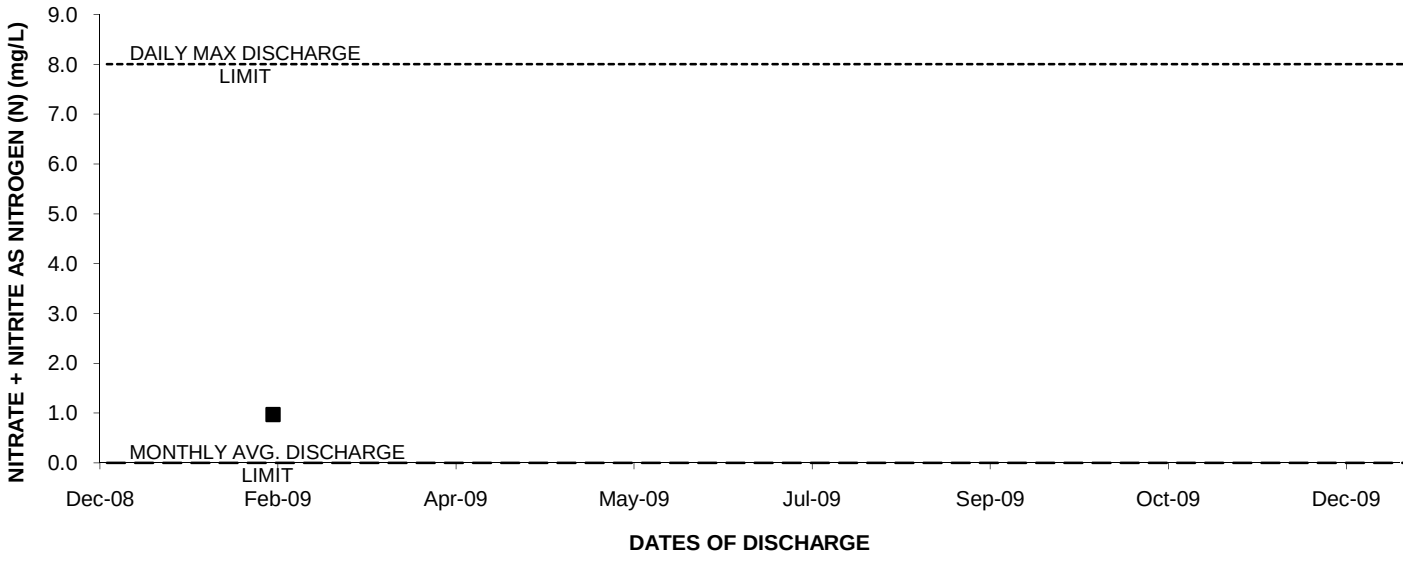
2009: OUTFALL 011 CHRONIC TOXICITY



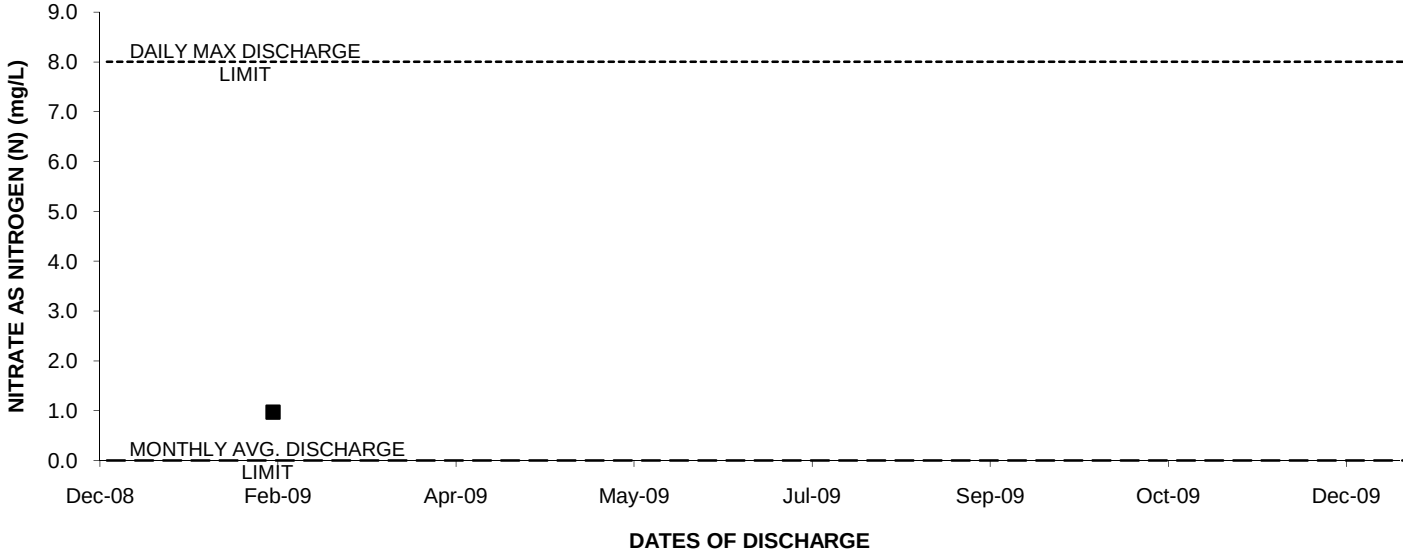
2009: OUTFALL 011 FLUORIDE



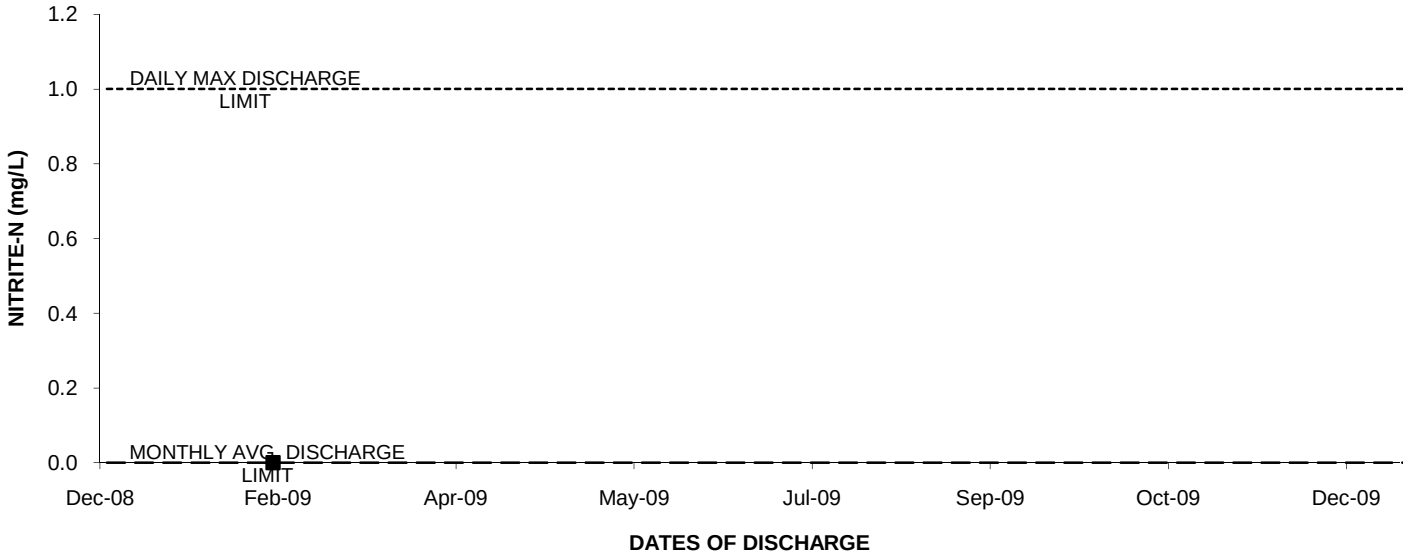
2009: OUTFALL 011 NITRATE + NITRITE AS NITROGEN (N)



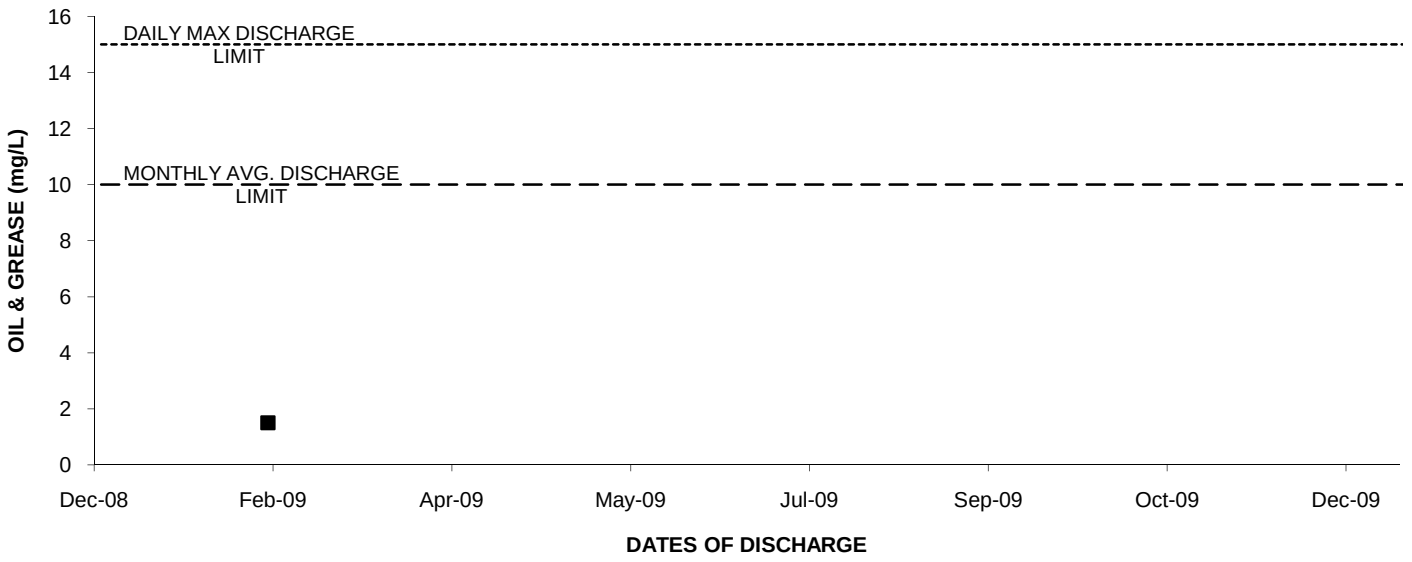
2009: OUTFALL 011 NITRATE AS NITROGEN (N)



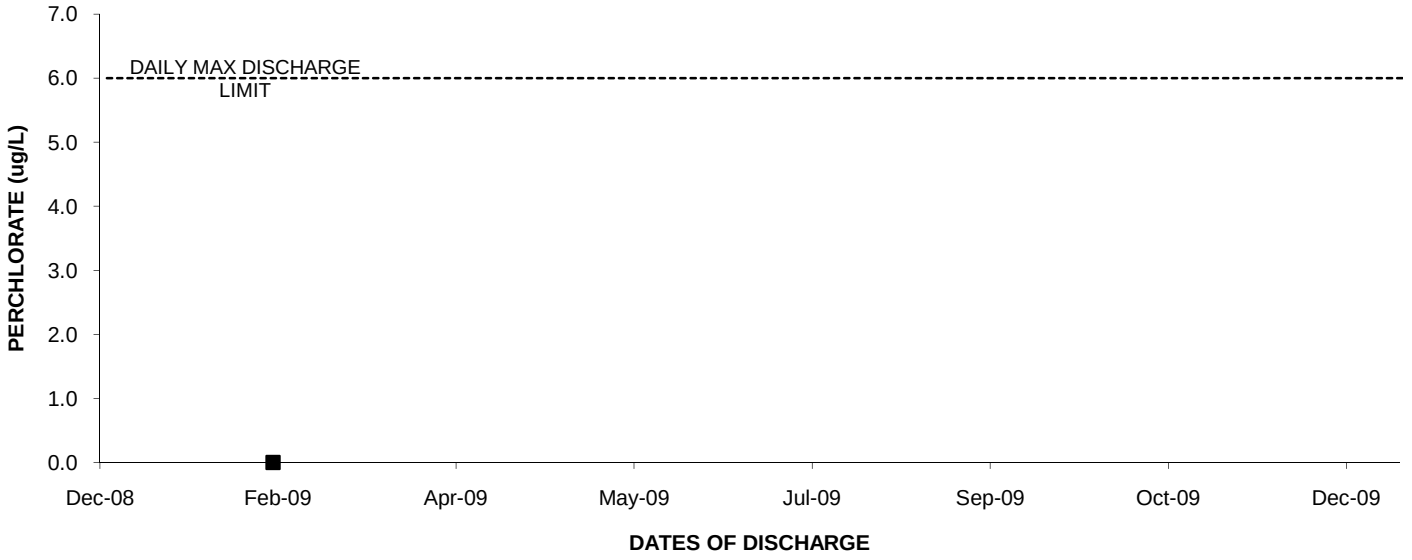
2009: OUTFALL 011 NITRITE-N



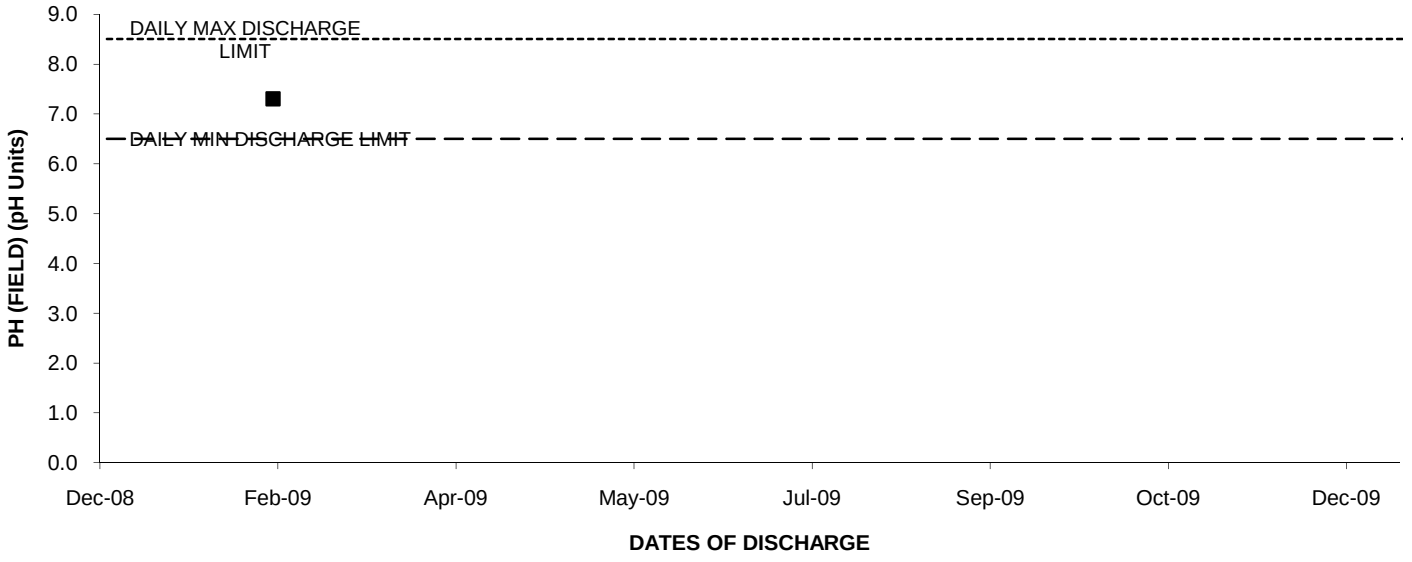
2009: OUTFALL 011 OIL & GREASE



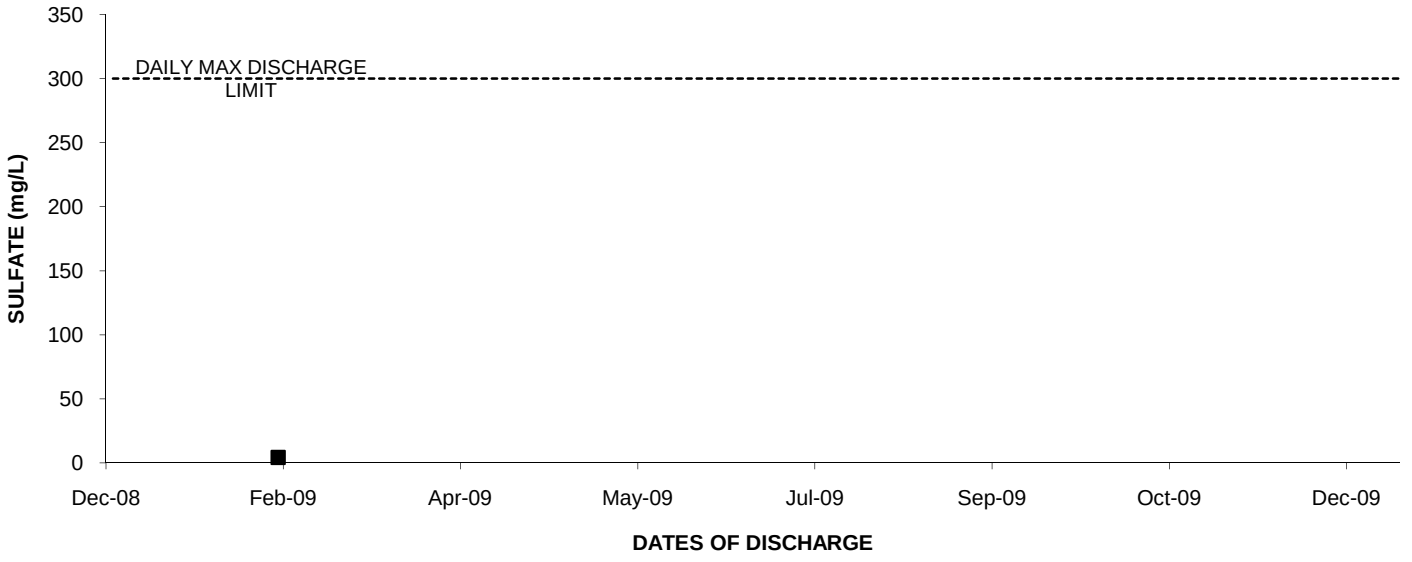
2009: OUTFALL 011 PERCHLORATE



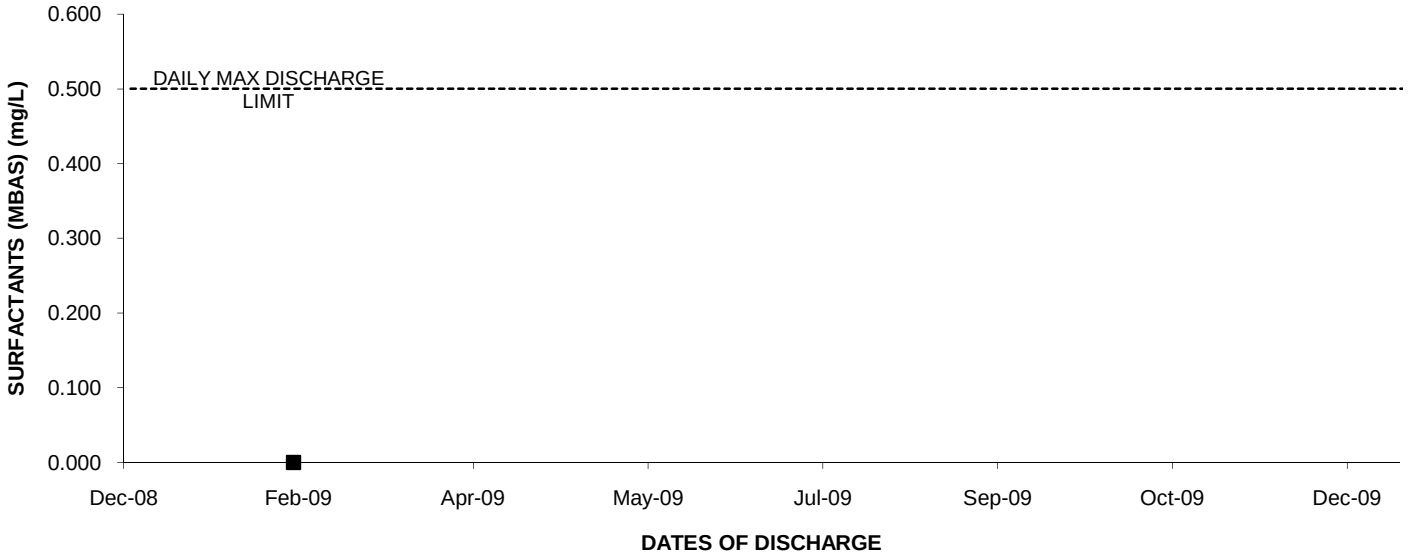
2009: OUTFALL 011 PH (FIELD)



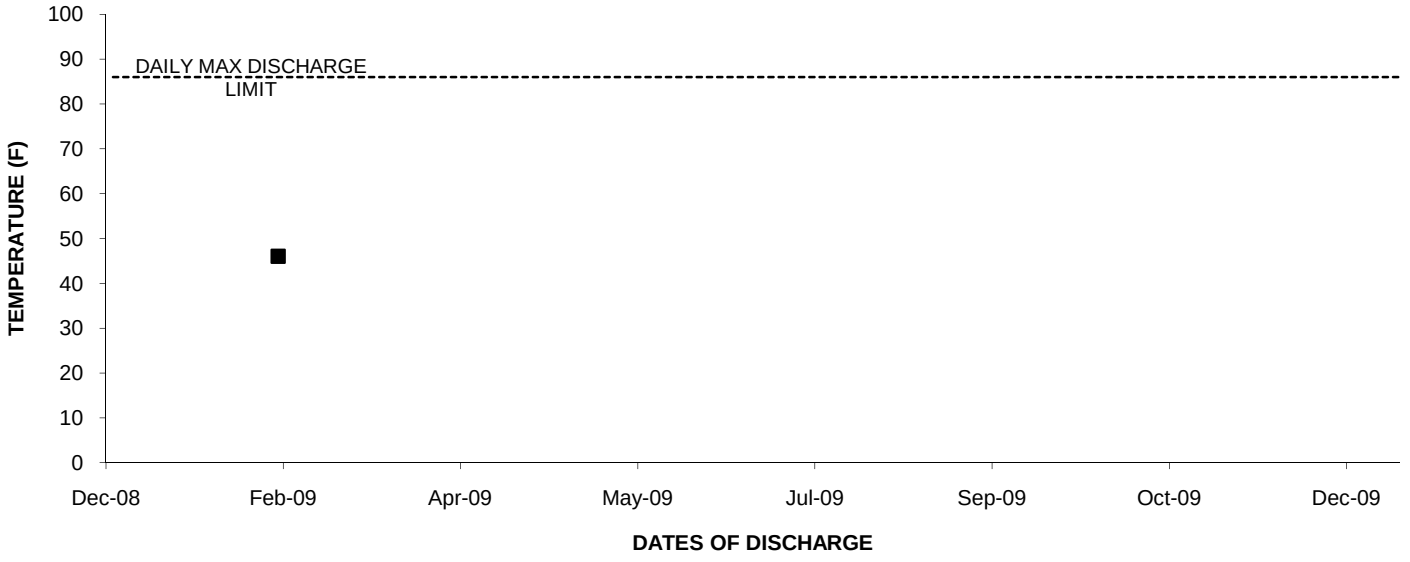
2009: OUTFALL 011 SULFATE



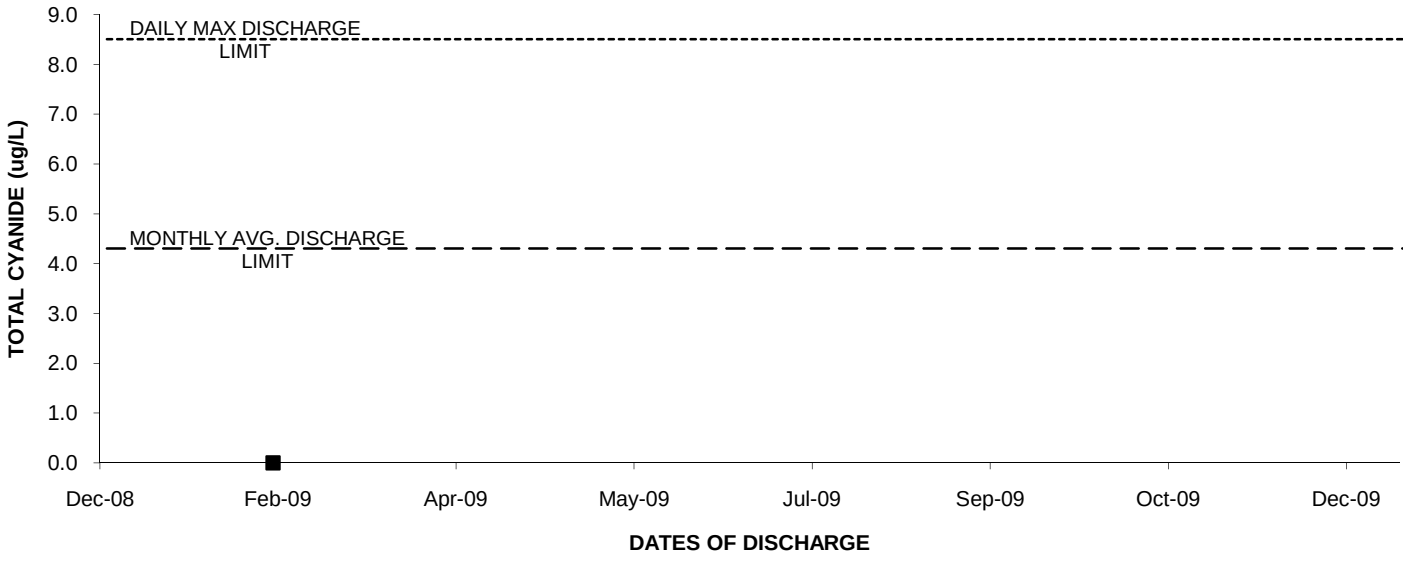
2009: OUTFALL 011 SURFACTANTS (MBAS)



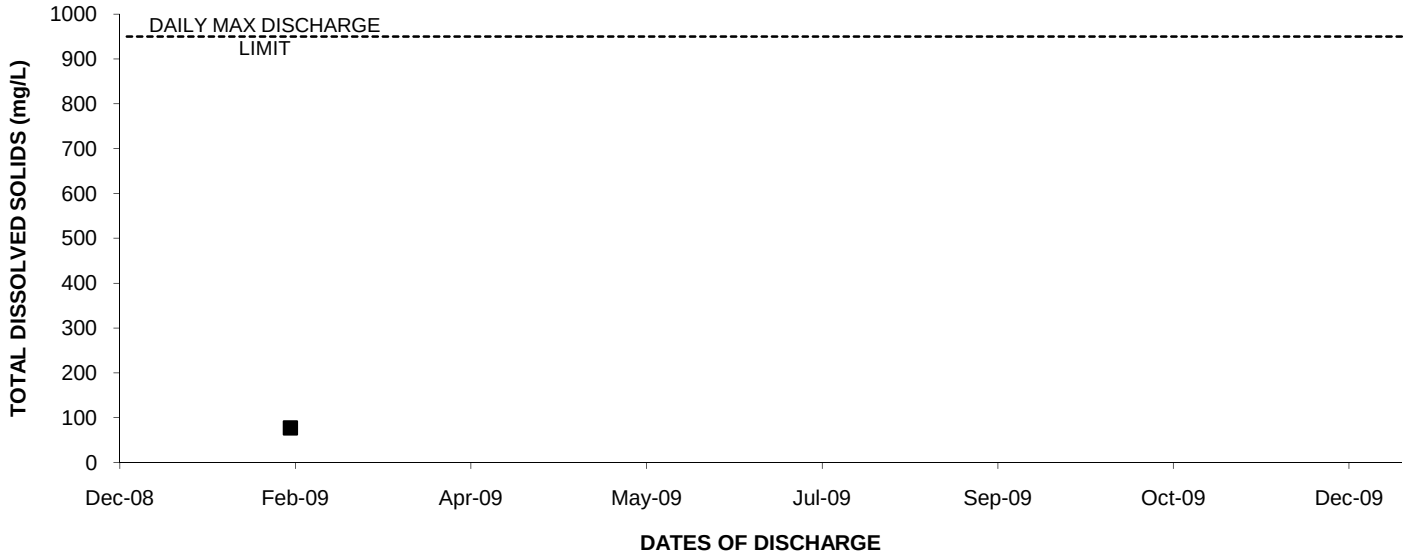
2009: OUTFALL 011 TEMPERATURE



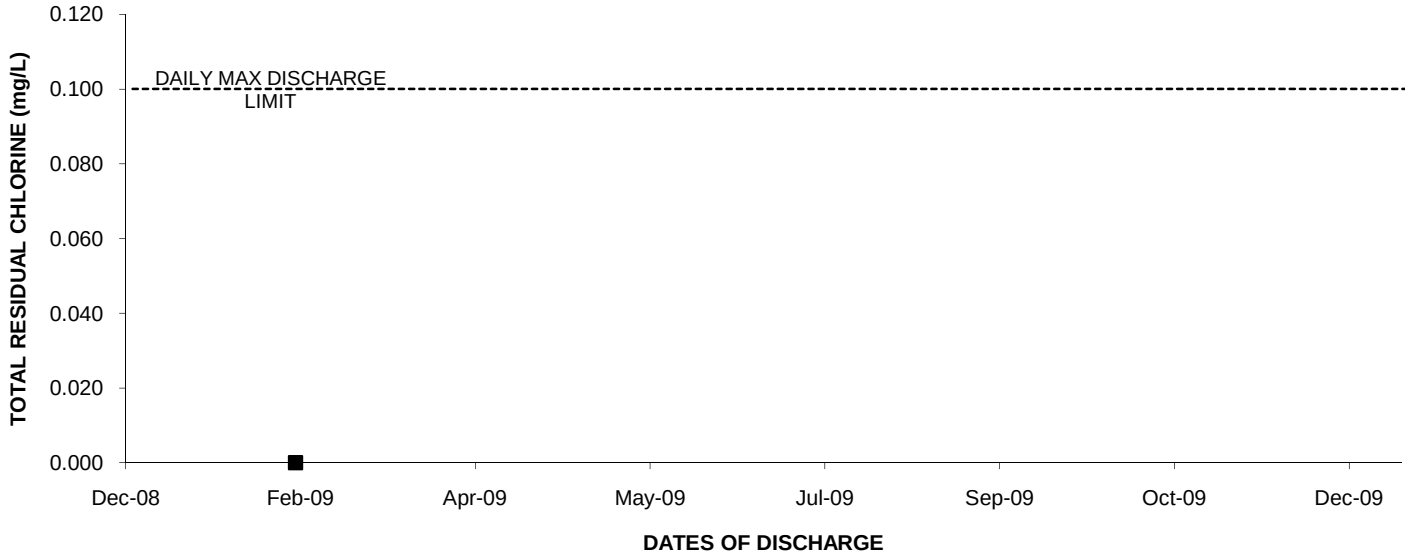
2009: OUTFALL 011 TOTAL CYANIDE



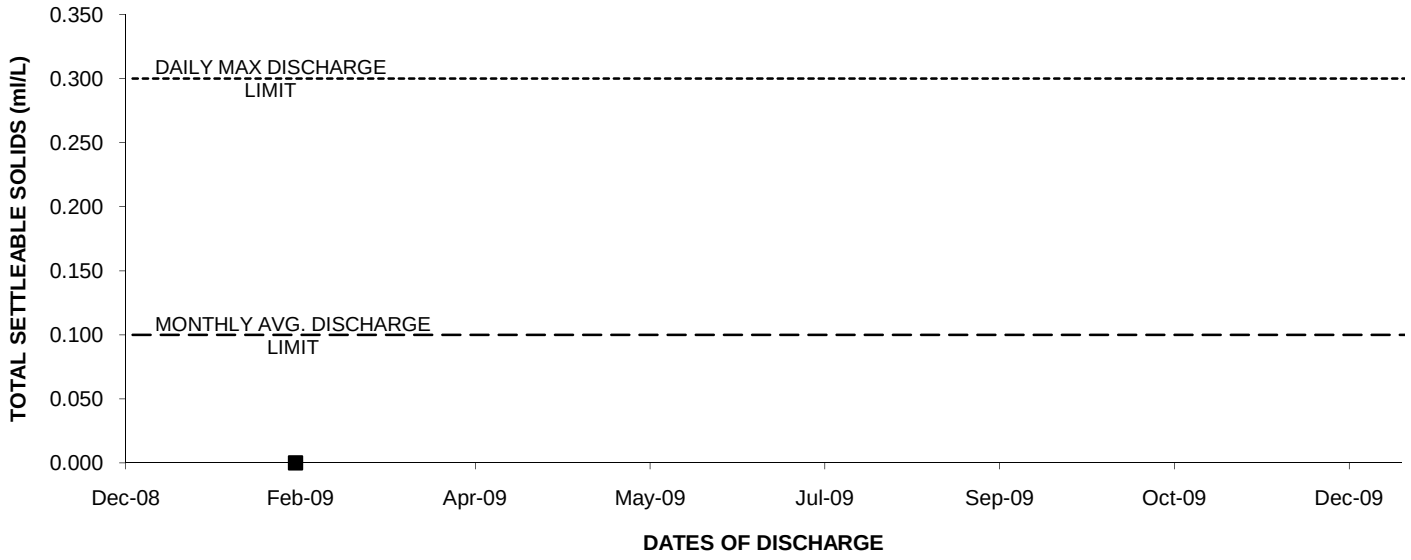
2009: OUTFALL 011 TOTAL DISSOLVED SOLIDS



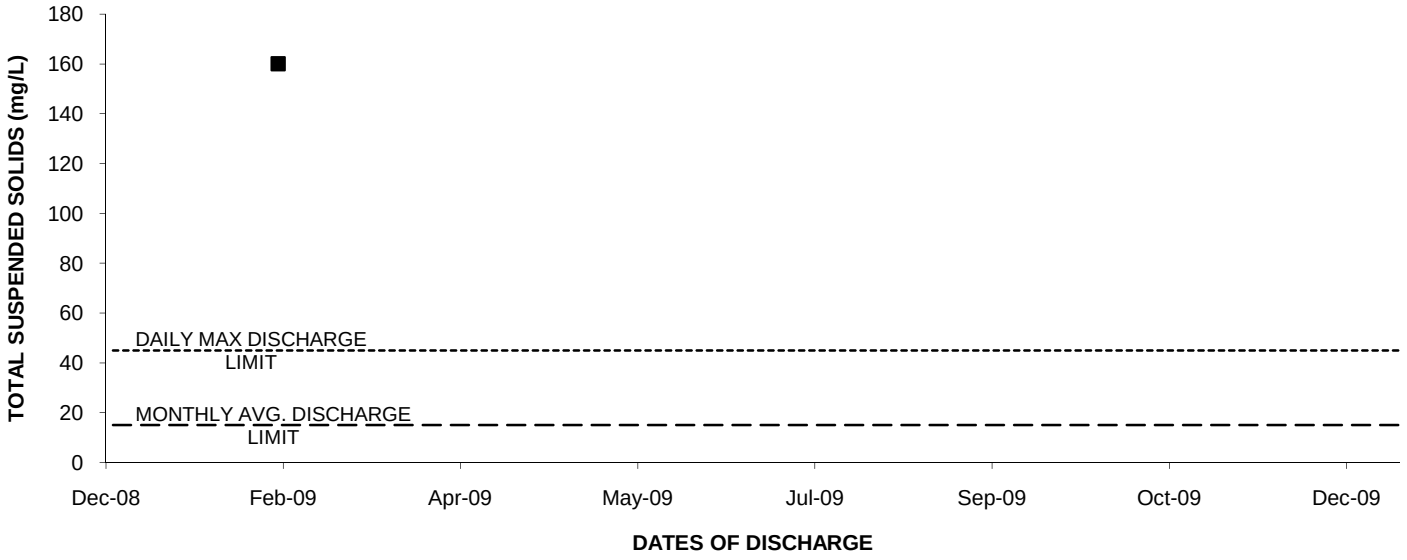
2009: OUTFALL 011 TOTAL RESIDUAL CHLORINE



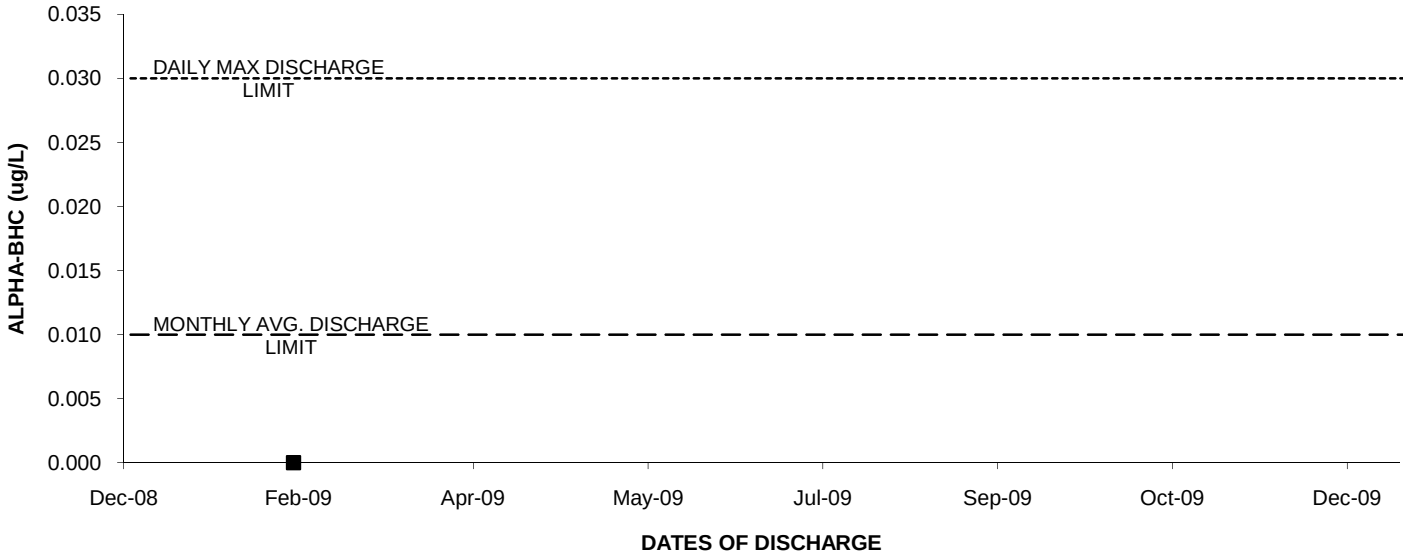
2009: OUTFALL 011 TOTAL SETTLEABLE SOLIDS



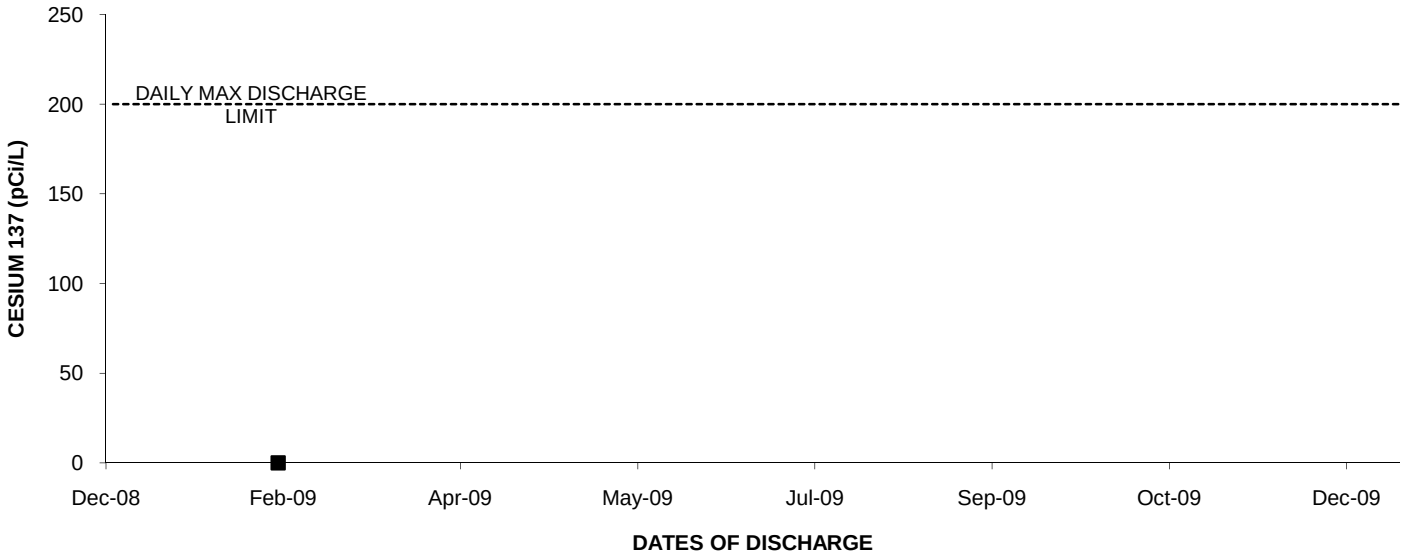
2009: OUTFALL 011 TOTAL SUSPENDED SOLIDS



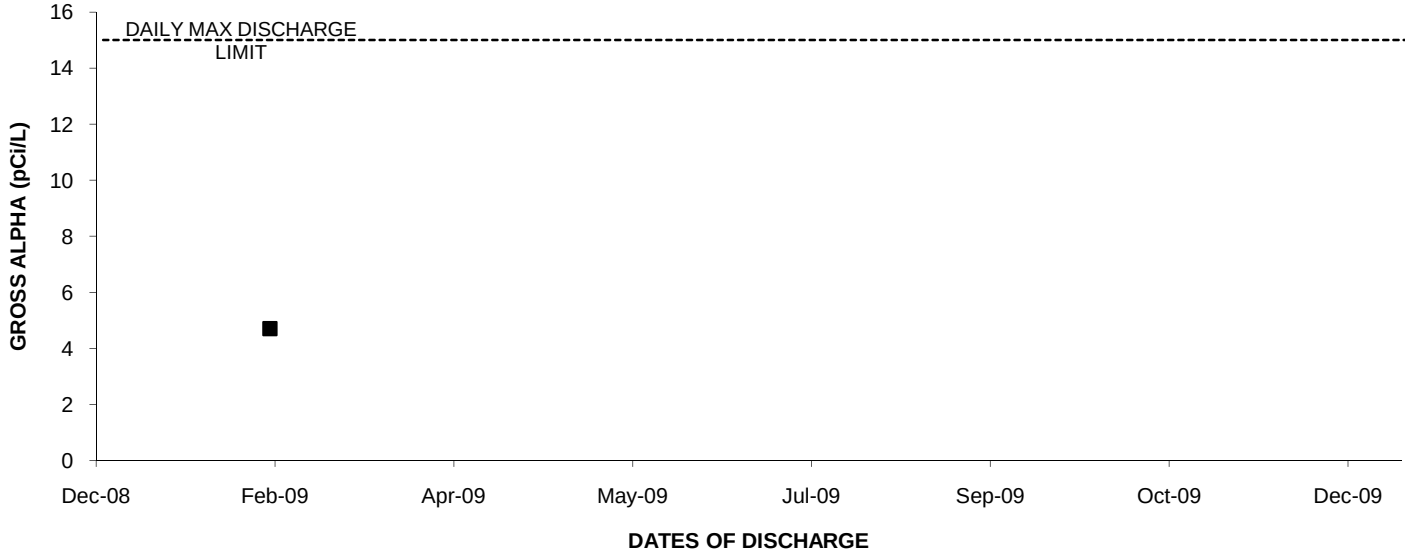
2009: OUTFALL 011 ALPHA-BHC



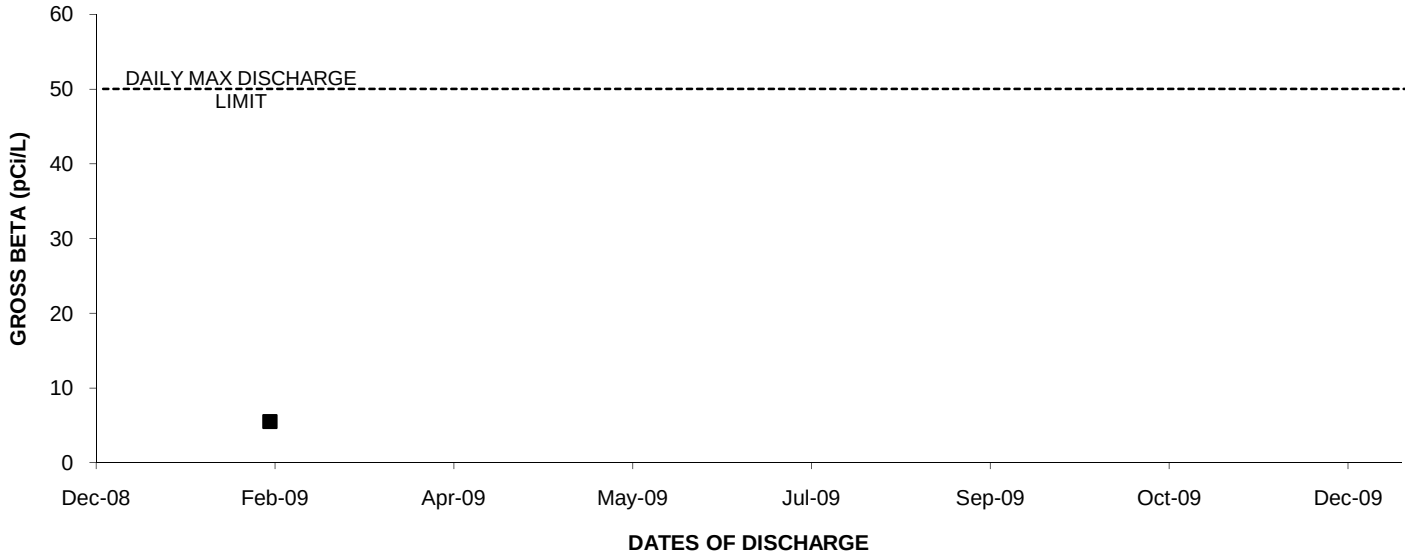
2009: OUTFALL 011 CESIUM 137



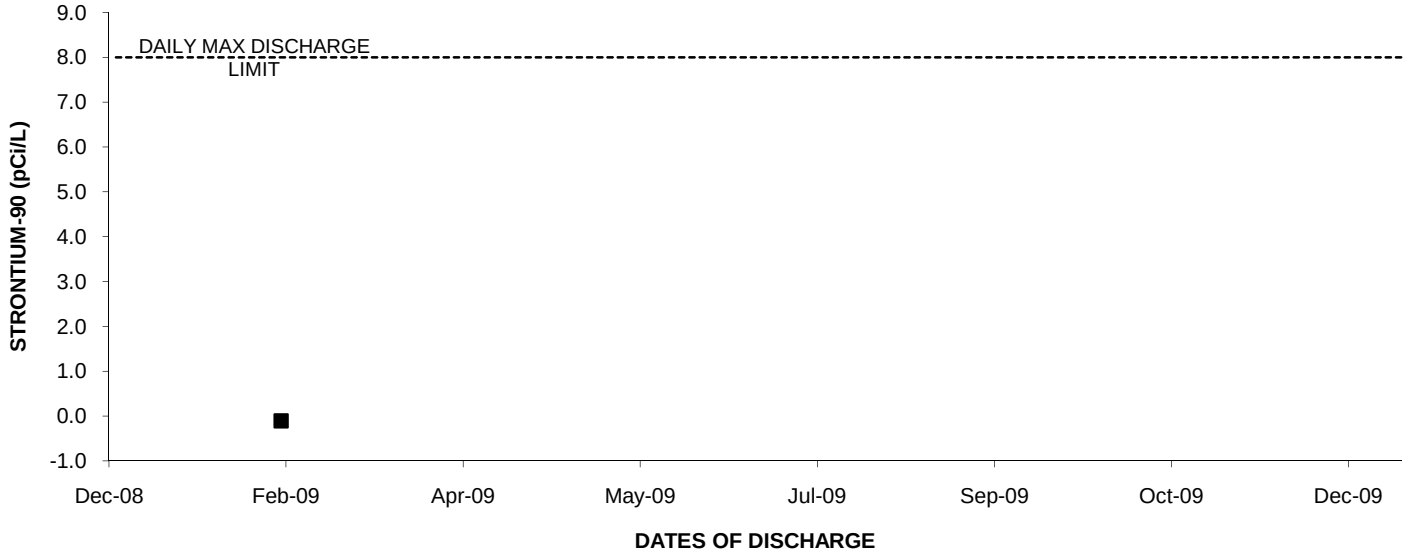
2009: OUTFALL 011 GROSS ALPHA



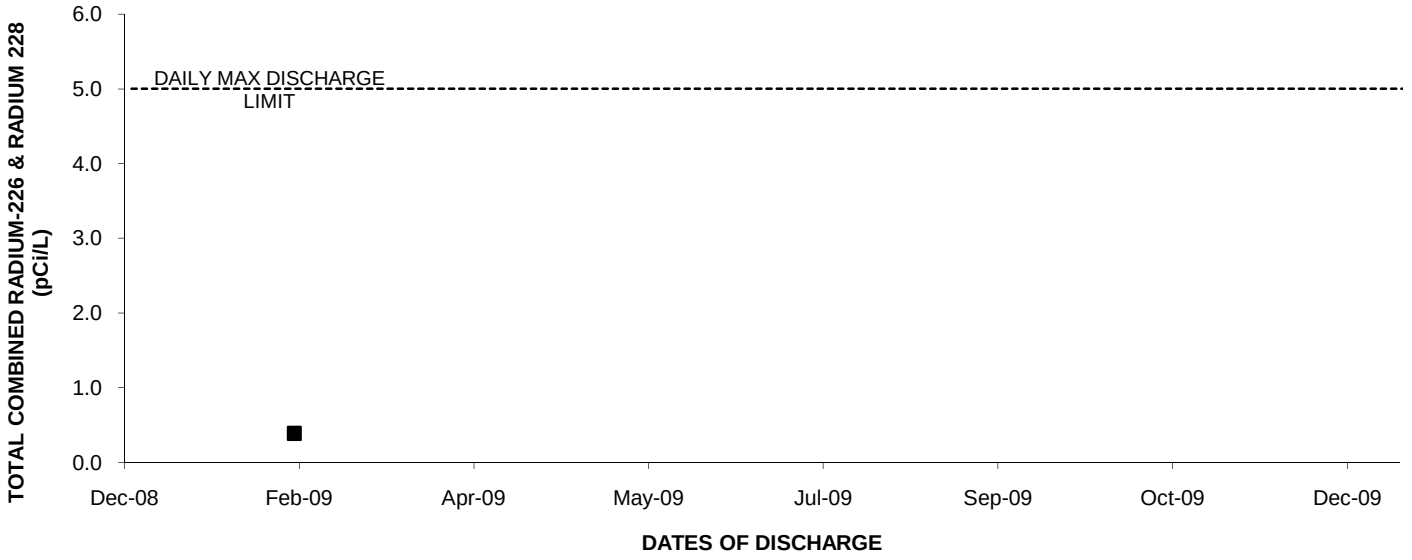
2009: OUTFALL 011 GROSS BETA



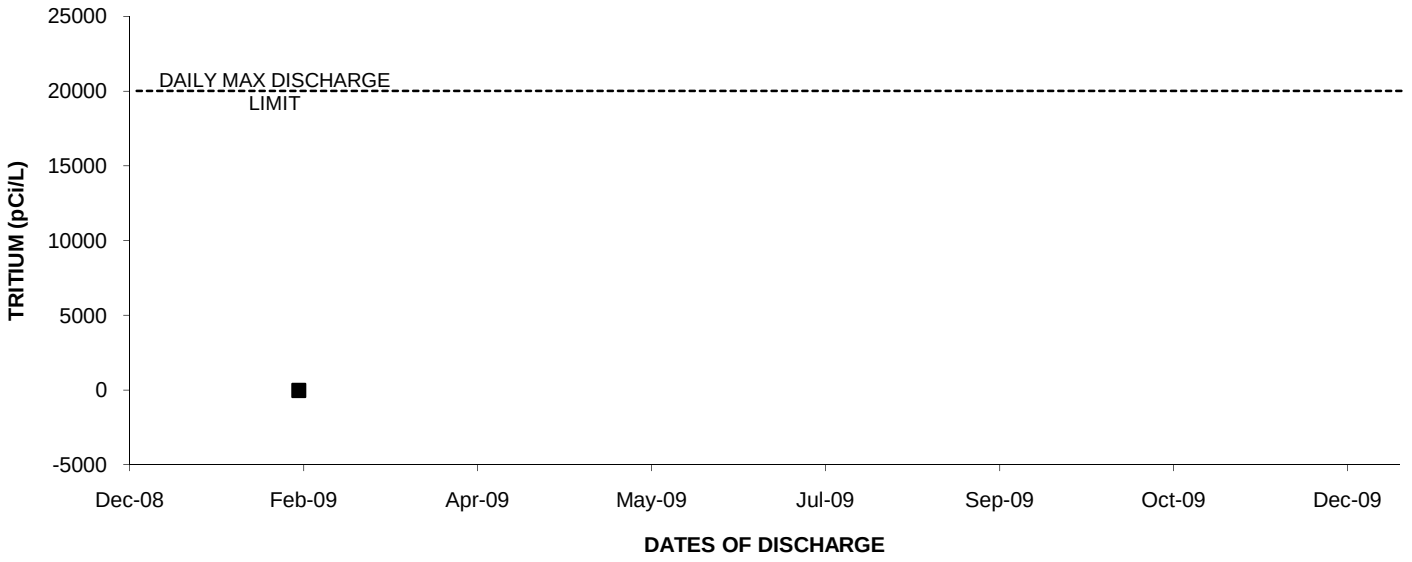
2009: OUTFALL 011 STRONTIUM-90



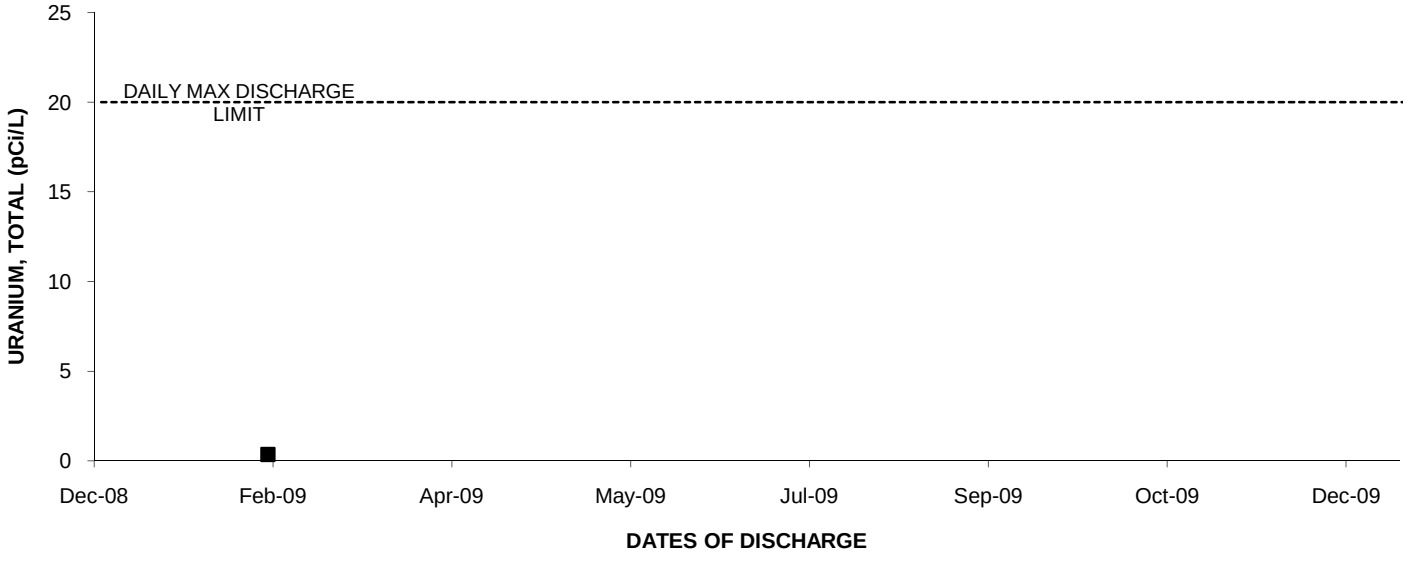
2009: OUTFALL 011 TOTAL COMBINED RADIUM-226 & RADIUM 228

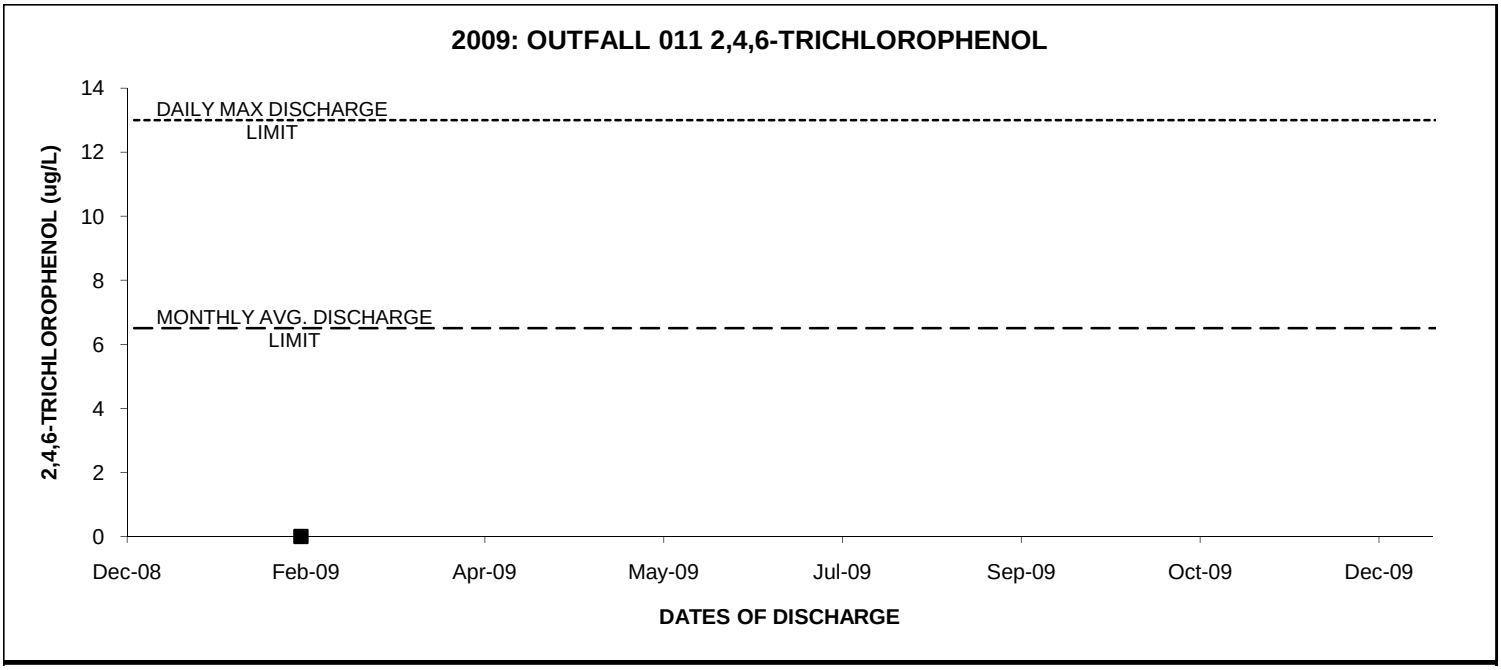


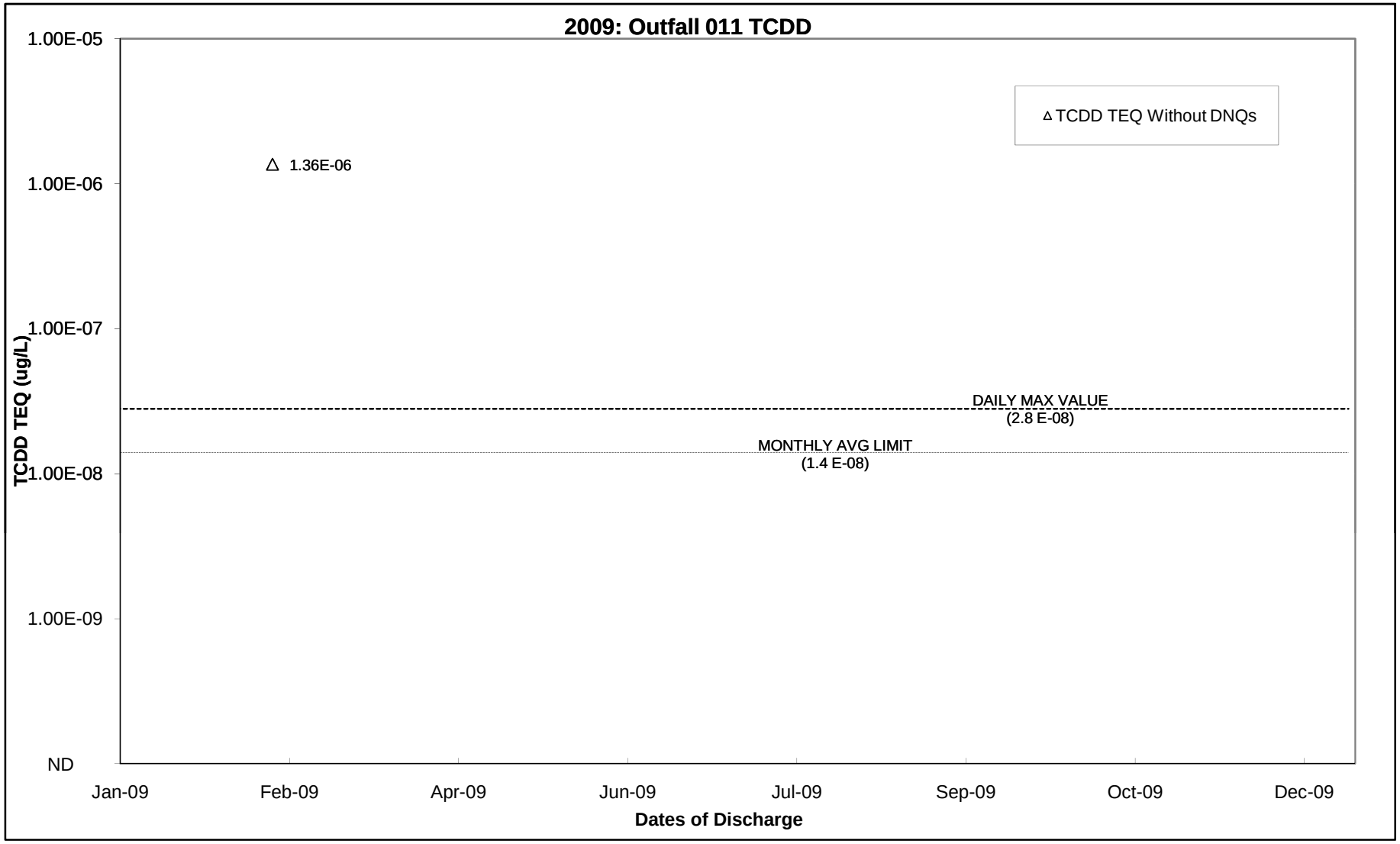
2009: OUTFALL 011 TRITIUM



2009: OUTFALL 011 URANIUM, TOTAL




2009: OUTFALL 011 2,4,6-TRICHLOROPHENOL
14
12
10
8
6
4
2
0
DAILY MAX DISCHARGE LIMIT
MONTHLY AVG. DISCHARGE LIMIT
2,4,6-TRICHLOROPHENOL (ug/L)
Dec-08
Feb-09
Apr-09
May-09
Jul-09
Sep-09
Oct-09
Dec-09
DATES OF DISCHARGE


2009: Outfall 011 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
△ 1.36E-06
DAILY MAX VALUE
(2.8 E-08)
MONTHLY AVG LIMIT
(1.4 E-08)
Jan-09
Feb-09
Apr-09
Jun-09
Jul-09
Sep-09
Oct-09
Dec-09
Dates of Discharge