

SECTION 4

OUTFALL 009 (WS-13 DRAINAGE) ANNUAL 2012 REPORTING SUMMARY

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/23/2012-01/24/2012			03/17/2012-03/18/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	Comp	ND <2.2	U
Chloride	mg/L	150/-	Comp	1.8	*	Comp	2.0	--
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.077	U
E. Coli	MPN/100mL	-/-	ANR	ANR	ANR	Grab	1600	J (H)
Fecal Coliform	MPN/100mL	-/-	ANR	ANR	ANR	Grab	1600	J (H)
Human Bacteroides	Ces/100 mL	-/-	ANR	ANR	ANR	Grab	ND	*
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	Comp	0.18	--
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.27	*	Comp	0.37	--
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	U
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.95	U
pH (Field)	pH units	6.5-8.5/-	Grab	7.6	*	Grab	6.7	*
Sulfate	mg/L	250/-	Comp	18	*	Comp	7.1	--
Temperature	deg. F	86/-	Grab	52	*	Grab	50	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 2.2	*	Comp	ND < 3.0	U
Total Dissolved Solids	mg/L	850/-	Comp	65	MB*	Comp	41	--
Hardness	mg/L	-/-	ANR	ANR	ANR	Comp	22	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	20	--
Total Suspended Solids	mg/L	-/-	Comp	3.0	J (DNQ)	Comp	14	--
Volume Discharged	MGD	17.8/-	ANR	0.068905	ANR	ANR	0.289125	ANR
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	Comp	1100	--
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	250	--
Antimony	ug/L	6.0/-	Comp	0.30	J,DX* (DNQ)	Comp	0.49	J (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	ND < 0.30	*	Comp	0.45	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 < 0.050	U (B)
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.050	U (B)
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 0.10	U
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR	ANR	Comp	6.1	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	5.6	--
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 < 0.25	U
Copper	ug/L	14/-	Comp	1.7	J,DX* (DNQ)	Comp	4.2	--
Copper, dissolved	ug/L	-/-	Comp	1.3	J,DX* (DNQ)	Comp	3.3	--
Iron	mg/L	-/-	ANR	ANR	ANR	Comp	1.2	--
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	0.18	--
Lead	ug/L	5.2/-	Comp	0.48	J,DX* (DNQ)	Comp	4.0	--
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	0.66	J (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR	Comp	1.7	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	1.5	--
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U	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	2.9	J (DNQ)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.50	*
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	4.4	J (DNQ)
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	ANR	Comp	14	J (DNQ)

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/23/2012-01/24/2012			03/17/2012-03/18/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 6.0	U
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	U
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
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
ADDITIONAL ANALYTES								
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 < 2.45	U
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
1,2-Dibromoethane (EDB)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	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 < 2.45	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	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 < 4.41	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
2,4-dimethylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
2,4-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.84	U
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	U
2-Butanol	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 6.5	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.8	U
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
2-chlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
2-nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.35	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0039	U
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	U
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0039	U
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	U
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	U
4-nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 5.39	U
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Acrolein	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 4.0	U
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.2	U
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	Comp	100	*
Aldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0015	U

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0025	U
Aniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	U
Aroclor 1016	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Aroclor 1221	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Aroclor 1232	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Aroclor 1242	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Aroclor 1248	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Aroclor 1254	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Aroclor 1260	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	*
Benzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 9.80	U
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	U
Benzo(g,h,i)Perylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	U
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 9.80	U
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
beta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0039	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
Bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Bis(2-Chloroisopropyl) Ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	UJ (C)
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 < 3.92	U
Chlordane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0078	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
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	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 < 0.0034	U
Diazinon	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.038	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
Dieldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0020	U
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Diisopropyl ether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.25	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	U
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	U
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0020	U
Endosulfan Sulfate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	U
Endrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0020	U
Endrin Aldehyde	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0020	U
Ethyl tert-Butyl Ether (ETBE)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	U
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Fluorene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Heptachlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	U
Heptachlor Epoxide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0025	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.90	UJ (C)

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Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Isophorone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0029	U
Methylene chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.95	U
Methyl-tert-butyl ether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	U
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.41	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.45	UJ (C)
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	UJ (C)
N-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	U
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	UJ (C)
p-Cresol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.94	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.43	U
Phenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.96	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
Pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.92	U
tert-Amyl Methyl Ether (TAME)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.33	U
Toxaphene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	U
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	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	1.4	*	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
E. Coli	MPN/100mL	-/-	ANR	ANR	ANR	Grab	9.0	*
Fecal Coliform	MPN/100mL	-/-	ANR	ANR	ANR	Grab	50	*
Human Bacteroides	Ces/100 mL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.27	*	ANR	ANR	ANR
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	ANR	ANR	ANR
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	Grab	7.0	*	ANR	ANR	ANR
Sulfate	mg/L	250/-	Comp	3.0	*	ANR	ANR	ANR
Temperature	deg. F	86/-	Grab	46	*	ANR	ANR	ANR
Total Cyanide	ug/L	9.5/-	Comp	ND < 3.0	*	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	Comp	47	*	ANR	ANR	ANR
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	33	*	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	ANR	1.344655	ANR	ANR	0.019965	ANR
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.51	J (DNQ)	ANR	ANR	ANR
Antimony, dissolved	ug/L	-/-	Comp	0.39	J (DNQ)	ANR	ANR	ANR
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	0.12	J (DNQ)	ANR	ANR	ANR
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	U	ANR	ANR	ANR
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	5.1	--	ANR	ANR	ANR
Copper, dissolved	ug/L	-/-	Comp	3.2	--	ANR	ANR	ANR
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	7.2	--	ANR	ANR	ANR
Lead, dissolved	ug/L	-/-	Comp	0.76	J (DNQ)	ANR	ANR	ANR
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U	ANR	ANR	ANR
Mercury, dissolved	ug/L	-/-	Comp	ND < 0.10	U	ANR	ANR	ANR
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	U	ANR	ANR	ANR
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	U	ANR	ANR	ANR
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2012			3/27/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dibromoethane (EDB)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Butanol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2012			3/27/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)Perylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bis(2-Chloroisopropyl) Ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diisopropyl ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan Sulfate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin Aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethyl tert-Butyl Ether (ETBE)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor Epoxide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2012			3/27/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methyl-tert-butyl ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
tert-Amyl Methyl Ether (TAME)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/11/2012			11/17/2012-11/18/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	mg/L	150/-	Comp	1.6	*	Comp	2.3	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
E. Coli	MPN/100mL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fecal Coliform	MPN/100mL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Ces/100 mL	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.31	*	Comp	0.93	*
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.95	U
pH (Field)	pH units	6.5-8.5/-	Grab	6.7	*	Grab	7.6	*
Sulfate	mg/L	250/-	Comp	3.3	*	Comp	10	*
Temperature	deg. F	86/-	Grab	53	*	Grab	63	*
Total Cyanide	ug/L	9.5/-	Comp	ND < 3.0	*	Comp	ND < 3.0	*
Total Dissolved Solids	mg/L	850/-	Comp	35	*	Comp	72	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	Comp	16	--	Comp	ND < 10	*
Volume Discharged	MGD	17.8/-	ANR	0.390605	ANR	ANR	0.051775	ANR
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	Comp	0.51	J,DX* (DNQ)	Comp	0.38	J,DX* (DNQ)
Antimony, dissolved	ug/L	-/-	Comp	0.60	J,DX* (DNQ)	Comp	0.48	J,DX* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Copper	ug/L	14/-	Comp	4.5	*	Comp	3.8	*
Copper, dissolved	ug/L	-/-	Comp	3.6	*	Comp	4.0	*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	Comp	3.2	*	Comp	0.56	J,DX* (DNQ)
Lead, dissolved	ug/L	-/-	Comp	0.63	J,DX* (DNQ)	Comp	0.29	J,DX* (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	Comp	ND < 0.10	U	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	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.50	*
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.50	*
Silver	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	Comp	ND < 0.20	*	Comp	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/11/2012			11/17/2012-11/18/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2,3-Trichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dibromoethane (EDB)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Butanol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
2-nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
4-nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/11/2012			11/17/2012-11/18/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)Perylene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bis(2-Chloroisopropyl) Ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1/-	ANR	ANR	ANR	Comp	1.0	*
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Diisopropyl ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan Sulfate	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Endrin Aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Ethyl tert-Butyl Ether (ETBE)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor Epoxide	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	4/11/2012			11/17/2012-11/18/2012		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methyl-tert-butyl ether	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
tert-Amyl Methyl Ether (TAME)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

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

**Sample Type Composite
Sample Date January 23-24, 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	2.30E-06	5.00E-05	ND	U (B)	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	1.80E-06	5.00E-05	ND	U (B)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	1.60E-06	5.00E-05	1.20E-05	J (DNQ)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	7.00E-07	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	1.60E-06	5.00E-05	1.30E-05	J (DNQ)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	6.40E-07	5.00E-05	ND	U (B)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	1.40E-06	5.00E-05	1.40E-05	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	8.80E-07	5.00E-05	ND	U (B)	0.1	0.6	ND
1,2,3,7,8-PeCDD	9.00E-07	5.00E-05	ND	UJ (*III)	1	0.9	ND
1,2,3,7,8-PeCDF	7.30E-07	5.00E-05	ND	U (B)	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	6.50E-07	5.00E-05	ND	U (B)	0.1	0.7	ND
2,3,4,7,8-PeCDF	7.60E-07	5.00E-05	ND	U (B)	0.5	1.6	ND
2,3,7,8-TCDD	8.60E-07	1.00E-05	ND	UJ (*III)	1	1	ND
2,3,7,8-TCDF	7.30E-07	1.00E-05	ND	UJ (*III)	0.1	0.8	ND
OCDD	2.80E-06	1.10E-04	1.50E-04	--	0.0001	0.01	1.50E-10
OCDF	2.60E-06	1.10E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	1.50E-10
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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.

OUTFALL 009 (WS-13 Drainage)

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

Sample Date March 17-18, 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	9.10E-06	5.00E-05	3.00E-04	--	0.01	0.05	1.50E-07
1,2,3,4,6,7,8-HpCDF	6.50E-06	5.00E-05	7.40E-05	--	0.01	0.01	7.40E-09
1,2,3,4,7,8,9-HpCDF	9.30E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	5.20E-06	5.00E-05	ND	UJ (*III)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	4.30E-06	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	5.00E-06	5.00E-05	1.50E-05	J (DNQ)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	4.30E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	4.60E-06	5.00E-05	1.70E-05	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	5.50E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	8.10E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	9.90E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.10E-06	5.00E-05	ND	UJ (*III)	0.1	0.7	ND
2,3,4,7,8-PeCDF	1.00E-05	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	6.20E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	2.70E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.70E-05	1.00E-04	3.50E-03	--	0.0001	0.01	3.50E-09
OCDF	1.10E-05	1.00E-04	2.10E-04	--	0.0001	0.02	4.20E-10

TCDD TEQ w/out DNQ Values	1.61E-07
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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.

OUTFALL 009 (WS-13 Drainage)

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

**Sample Type Composite
Sample Date March 25, 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	3.60E-06	5.00E-05	1.10E-04	--	0.01	0.05	5.50E-08
1,2,3,4,6,7,8-HpCDF	3.80E-06	5.00E-05	2.80E-05	J (DNQ)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	5.60E-06	5.00E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	3.30E-06	5.00E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	4.60E-06	5.00E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	2.80E-06	5.00E-05	5.00E-06	J (DNQ)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	4.20E-06	5.00E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	2.70E-06	5.00E-05	4.70E-06	J (DNQ)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	6.10E-06	5.00E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.70E-06	5.00E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	7.00E-06	5.00E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	4.30E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	7.00E-06	5.00E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	3.70E-06	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	6.30E-06	1.00E-05	ND	U	0.1	0.8	ND
OCDD	1.30E-05	1.00E-04	1.20E-03	--	0.0001	0.01	1.20E-09
OCDF	4.40E-06	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	5.62E-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.

OUTFALL 009 (WS-13 Drainage)

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

**Sample Type Composite
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	5.90E-07	5.00E-05	7.30E-05	--	0.01	0.05	3.65E-08
1,2,3,4,6,7,8-HpCDF	4.60E-07	5.00E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	5.60E-07	5.00E-05	ND	U (B)	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	4.70E-07	5.00E-05	ND	U (B)	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	7.00E-08	5.00E-05	ND	U (B)	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	4.60E-07	5.00E-05	ND	UJ (*III)	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	7.00E-08	5.00E-05	4.90E-06	J (DNQ)	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	4.00E-07	5.00E-05	ND	U (B)	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	7.00E-08	5.00E-05	ND	U (B)	0.1	0.6	ND
1,2,3,7,8-PeCDD	6.20E-07	5.00E-05	ND	UJ (*III)	1	0.9	ND
1,2,3,7,8-PeCDF	6.60E-07	5.00E-05	ND	U (B)	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	3.00E-06	5.00E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	6.60E-07	5.00E-05	ND	UJ (*III)	0.5	1.6	ND
2,3,7,8-TCDD	8.00E-07	1.00E-05	ND	U	1	1	ND
2,3,7,8-TCDF	1.90E-06	1.00E-05	ND	UJ (*III)	0.1	0.8	ND
OCDD	1.80E-06	1.00E-04	7.30E-04	--	0.0001	0.01	7.30E-10
OCDF	3.90E-07	1.00E-04	ND	U (B)	0.0001	0.02	ND

TCDD TEQ w/out DNQ Values	3.72E-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.

OUTFALL 009 (WS-13 Drainage)

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

Sample Date November 17-18, 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	5.80E-06	4.90E-05	ND	U	0.01	0.05	ND
1,2,3,4,6,7,8-HpCDF	5.20E-07	4.90E-05	ND	U (B)	0.01	0.01	ND
1,2,3,4,7,8,9-HpCDF	6.90E-07	4.90E-05	ND	U	0.01	0.4	ND
1,2,3,4,7,8-HxCDD	6.10E-07	4.90E-05	ND	U	0.1	0.3	ND
1,2,3,4,7,8-HxCDF	7.10E-07	4.90E-05	ND	U	0.1	0.08	ND
1,2,3,6,7,8-HxCDD	6.20E-07	4.90E-05	ND	U	0.1	0.1	ND
1,2,3,6,7,8-HxCDF	6.40E-07	4.90E-05	ND	U	0.1	0.2	ND
1,2,3,7,8,9-HxCDD	5.10E-07	4.90E-05	ND	U	0.1	0.1	ND
1,2,3,7,8,9-HxCDF	4.70E-07	4.90E-05	ND	U	0.1	0.6	ND
1,2,3,7,8-PeCDD	1.30E-06	4.90E-05	ND	U	1	0.9	ND
1,2,3,7,8-PeCDF	8.80E-07	4.90E-05	ND	U	0.05	0.2	ND
2,3,4,6,7,8-HxCDF	5.10E-07	4.90E-05	ND	U	0.1	0.7	ND
2,3,4,7,8-PeCDF	9.60E-07	4.90E-05	ND	U	0.5	1.6	ND
2,3,7,8-TCDD	9.00E-07	9.90E-06	ND	U	1	1	ND
2,3,7,8-TCDF	5.40E-07	9.90E-06	ND	U	0.1	0.8	ND
OCDD	1.10E-06	9.90E-05	ND	U (B)	0.0001	0.01	ND
OCDF	1.20E-06	9.90E-05	5.60E-06	J (DNQ)	0.0001	0.02	ND
TCDD TEQ w/out DNQ Values							ND

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

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/24/2012 (Comp)			03/18/2012 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	0.275 ± 0.26	0.45	UJ (C)	1.37 ± 0.36	0.308	J (DNQ)
Gross Beta	pCi/L	50/-	1.5 ± 0.60	0.964	J (DNQ)	2.46 ± 0.61	0.885	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.056 ± 0.39	0.946	U	-0.107 ± 0.37	0.803	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.43 ± 0.39	1.17	U	0.122 ± 0.37	0.945	U
Tritium	pCi/L	20000/-	-78.4 ± 110	195	U	-34.6 ± 85	146	U
Potassium-40	pCi/L	-/-	ND < 21.1	21.1	U	-7.99 ± 20	34.7	U
Uranium, Total	pCi/L	20/-	0.057 ± 0.011	0.02	J (DNQ)	0.117	0.017	J (DNQ)
Cesium 137	pCi/L	200/-	ND < 1.97	1.97	U	-1.39 ± 2.2	3.83	U

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	03/25/2012 (Comp)			04/11/2012 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	2.31 ± 0.45	0.328	J (DNQ)	1.23 ± 0.36	0.347	J (DNQ)
Gross Beta	pCi/L	50/-	2.88 ± 0.62	0.885	J (DNQ)	2.29 ± 0.72	1.08	J (DNQ)
Strontium-90	pCi/L	8.0/-	-0.094 ± 0.43	1.02	U	-0.156 ± 0.36	0.943	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.239 ± 0.405	1.089	U	0.24 ± 0.32	0.89	U
Tritium	pCi/L	20000/-	9.52 ± 95	161	U	-72.3 ± 100	176	U
Potassium-40	pCi/L	-/-	7.55 ± 16	27.8	U	1.85 ± 32	57.4	U
Uranium, Total	pCi/L	20/-	0.137 ± 0.016	0.017	J (DNQ)	0.074 ± 0.012	0.019	J (DNQ)
Cesium 137	pCi/L	200/-	-0.34 ± 1.7	3.06	U	0.386 ± 2.8	4.96	U

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/18/2012 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	0.657 ± 0.28	0.332	J (DNQ)
Gross Beta	pCi/L	50/-	2.47 ± 0.64	0.938	J (DNQ)
Strontium-90	pCi/L	8.0/-	0.066 ± 0.73	1.7	UJ (C)
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	-0.02 ± 0.50	1.55	U
Tritium	pCi/L	20000/-	-39.8 ± 95	163	U
Potassium-40	pCi/L	-/-	-33.6 ± 34	63.7	U
Uranium, Total	pCi/L	20/-	1.02 ± 0.11	0.022	--
Cesium 137	pCi/L	200/-	1.69 ± 5.2	4.35	U

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/23/2012-01/24/2012			03/17/2012-03/18/2012		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.03563		Meas	0.199405	
Chloride	LBS/DAY	22,268/-	Comp	0.53	*	Comp	3.33	--
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	Comp	0.30	--
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.08	*	Comp	0.62	--
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	5.35	*	Comp	11.81	--
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*	Comp	ND	U
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	19.32	MB*	Comp	68.18	--
Antimony	LBS/DAY	0.89/-	Comp	0.00	J,DX* (DNQ)	Comp	0.00	J (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	Comp	ND	U (B)
Cadmium	LBS/DAY	0.59/-	Comp	ND	*	Comp	ND	U
Copper	LBS/DAY	2.1/-	Comp	0.001	J,DX* (DNQ)	Comp	0.01	--
Lead	LBS/DAY	0.77/-	Comp	0.0001	J,DX* (DNQ)	Comp	0.01	--
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	Comp	0.005	J (DNQ)
Thallium	LBS/DAY	0.3/-	Comp	ND	*	Comp	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	Comp	4.46E-14	--	Comp	2.68E-10	--

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	3/25/2012			4/11/2012		
			Sample Type	Result	Concentration Result Validation Qualifier	Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	1.344655		Meas	0.390605	
Chloride	LBS/DAY	22,268/-	Comp	15.70	*	Comp	5.21	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	3.03	*	Comp	1.01	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	33.64	*	Comp	10.75	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	527.08	*	Comp	114.02	*
Antimony	LBS/DAY	0.89/-	Comp	0.01	J (DNQ)	Comp	0.002	J,DX* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	Comp	0.001	J (DNQ)	Comp	ND	*
Copper	LBS/DAY	2.1/-	Comp	0.06	--	Comp	0.01	*
Lead	LBS/DAY	0.77/-	Comp	0.08	--	Comp	0.01	*
Mercury	LBS/DAY	0.02/-	Comp	ND	U	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	U	Comp	ND	*
TCDD TEQ, NoDNQ	LBS/DAY	4.20E-09/-	Comp	6.30E-10	--	Comp	1.21E-10	--

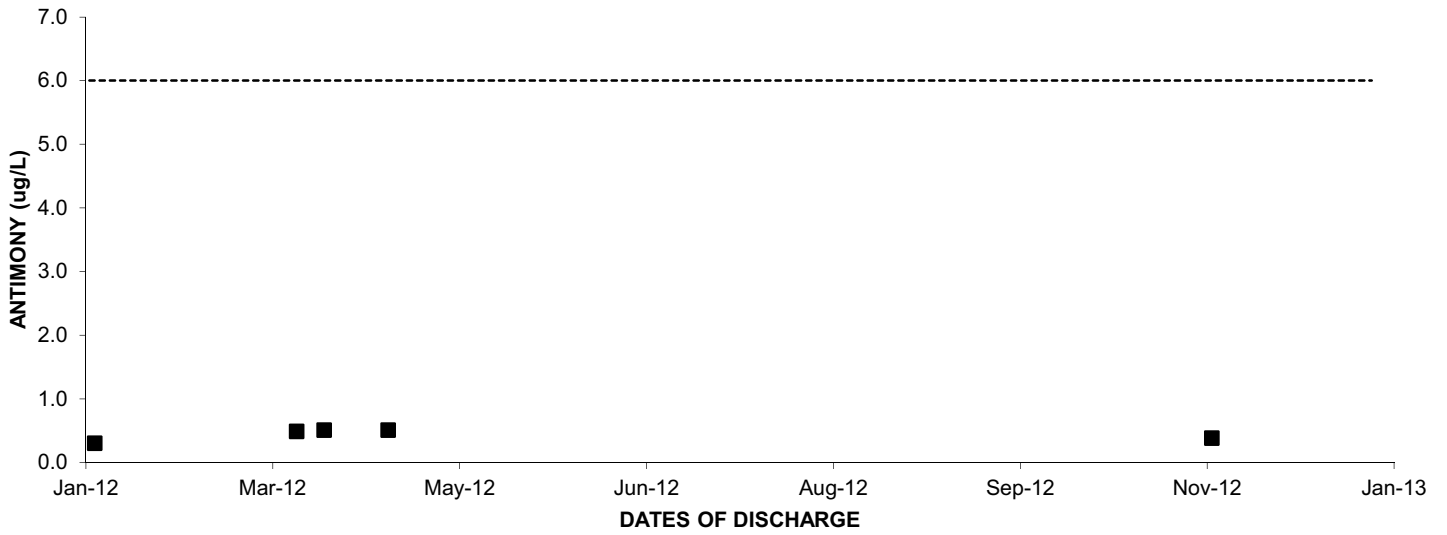
OUTFALL 009 (WS-13 Drainage)

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

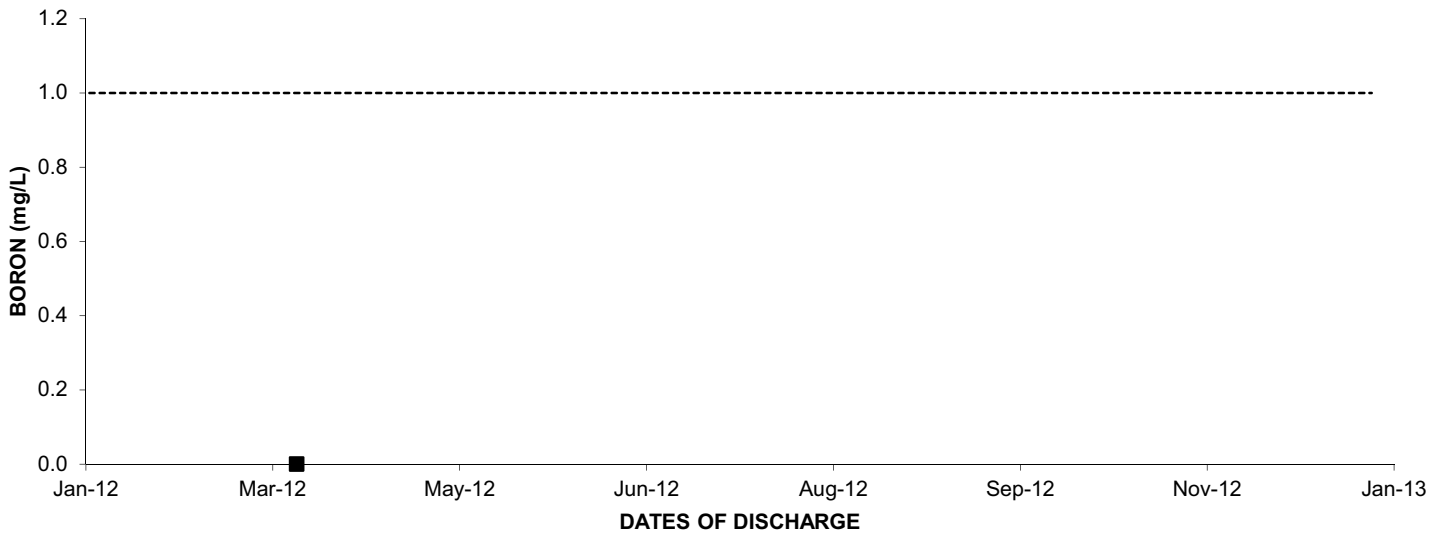
January 1 through December 31, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/17/2012-11/18/2012		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.043665	
Chloride	LBS/DAY	22,268/-	Comp	0.84	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.34	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	Comp	ND	U
Sulfate	LBS/DAY	37,113/-	Comp	3.64	*
Total Cyanide	LBS/DAY	1.4/-	Comp	ND	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	26.22	*
Antimony	LBS/DAY	0.89/-	Comp	0.0001	J,DX* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	Comp	ND	*
Copper	LBS/DAY	2.1/-	Comp	0.001	*
Lead	LBS/DAY	0.77/-	Comp	0.0002	J,DX* (DNQ)
Mercury	LBS/DAY	0.02/-	Comp	ND	U
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	Comp	ND	*
TCDD TEQ, NoDNQ	LBS/DAY	4.20E-09/-	Comp	ND	--

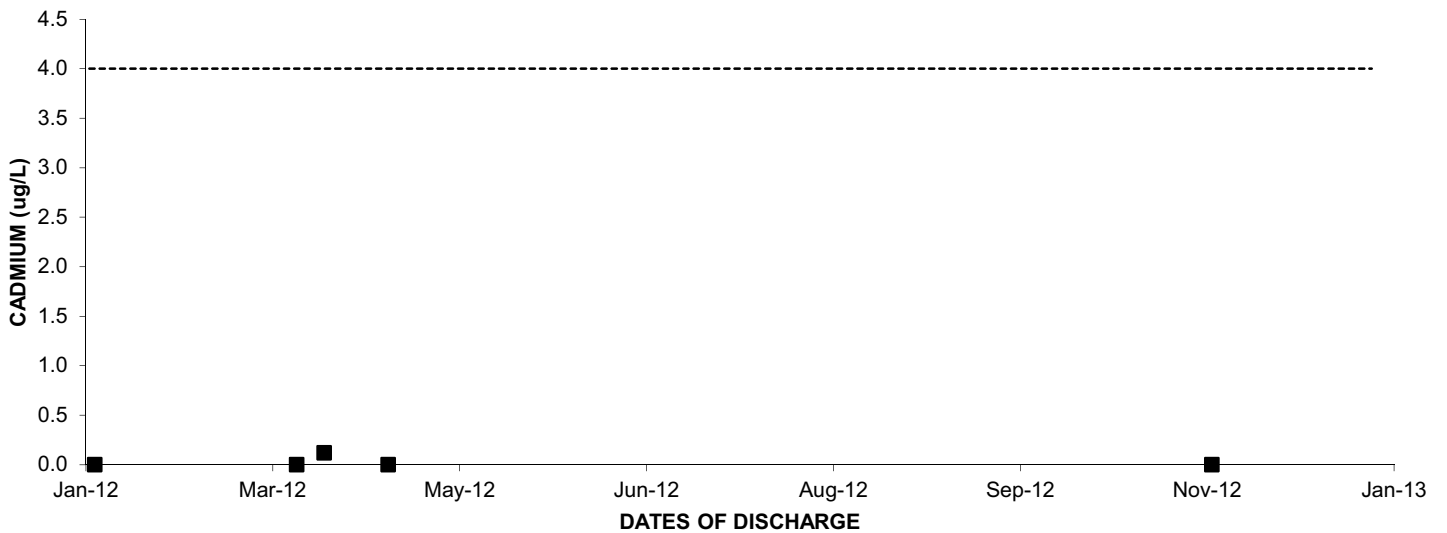
2012: OUTFALL 009 ANTIMONY



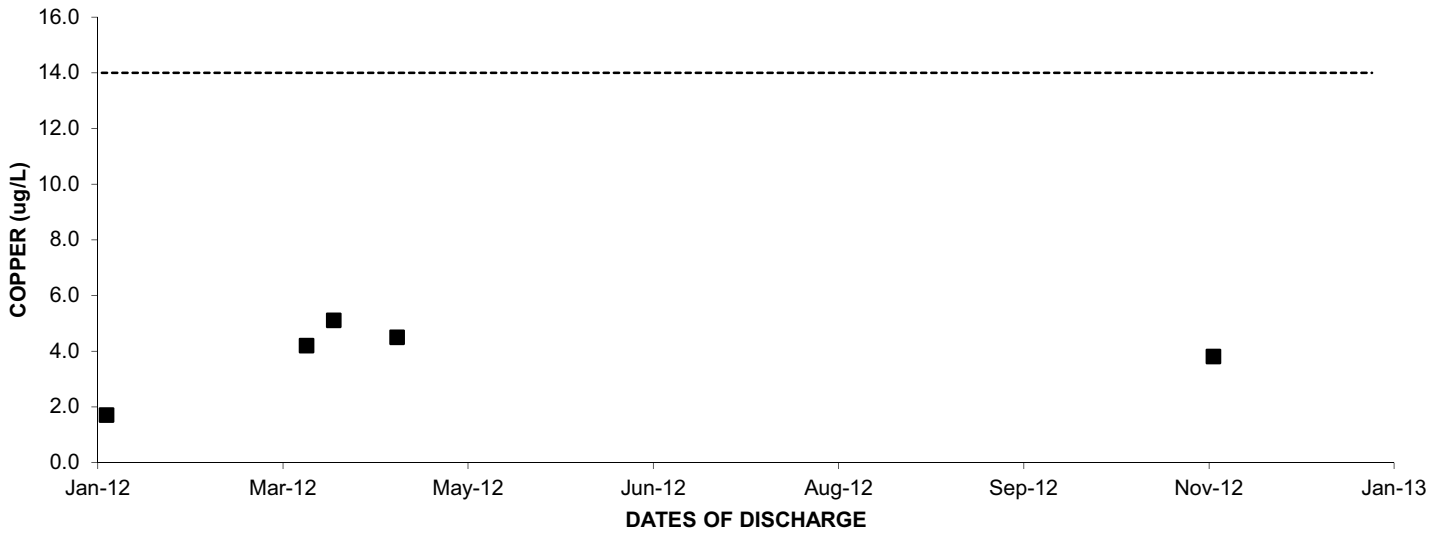
2012: OUTFALL 009 BORON



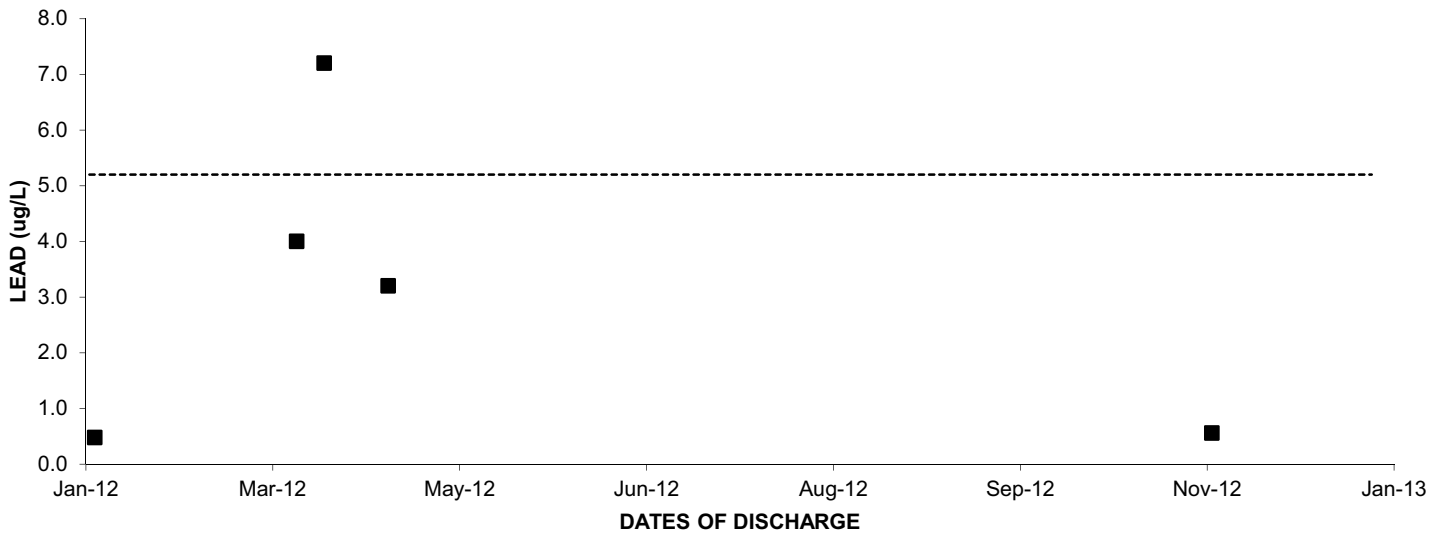
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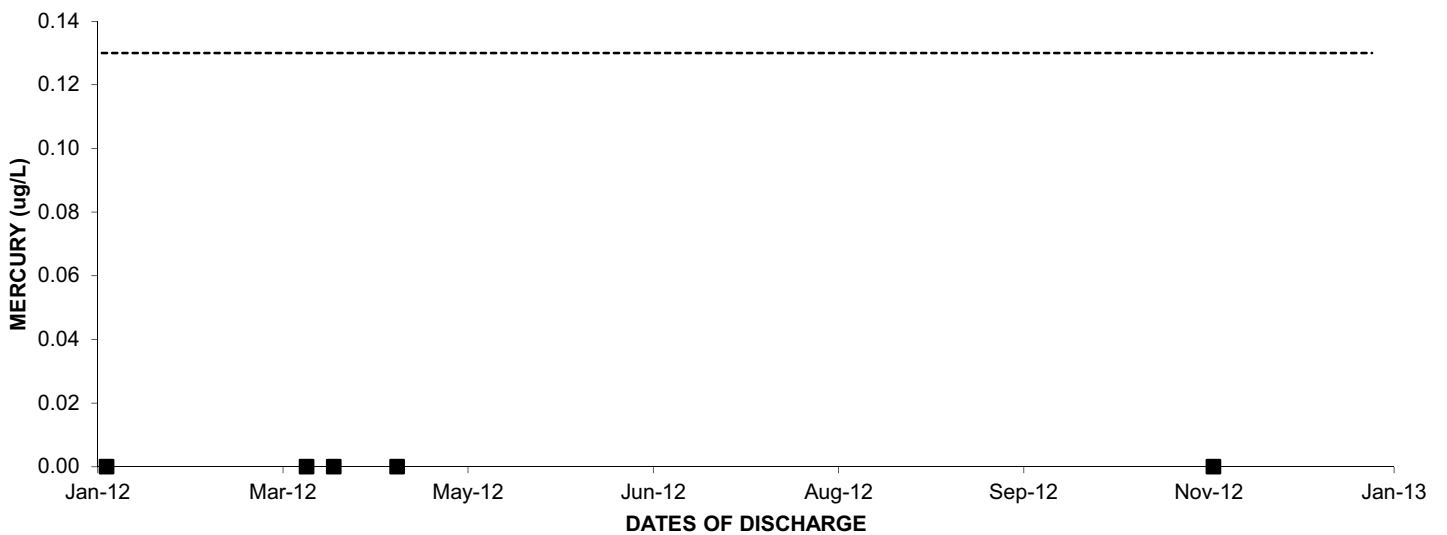
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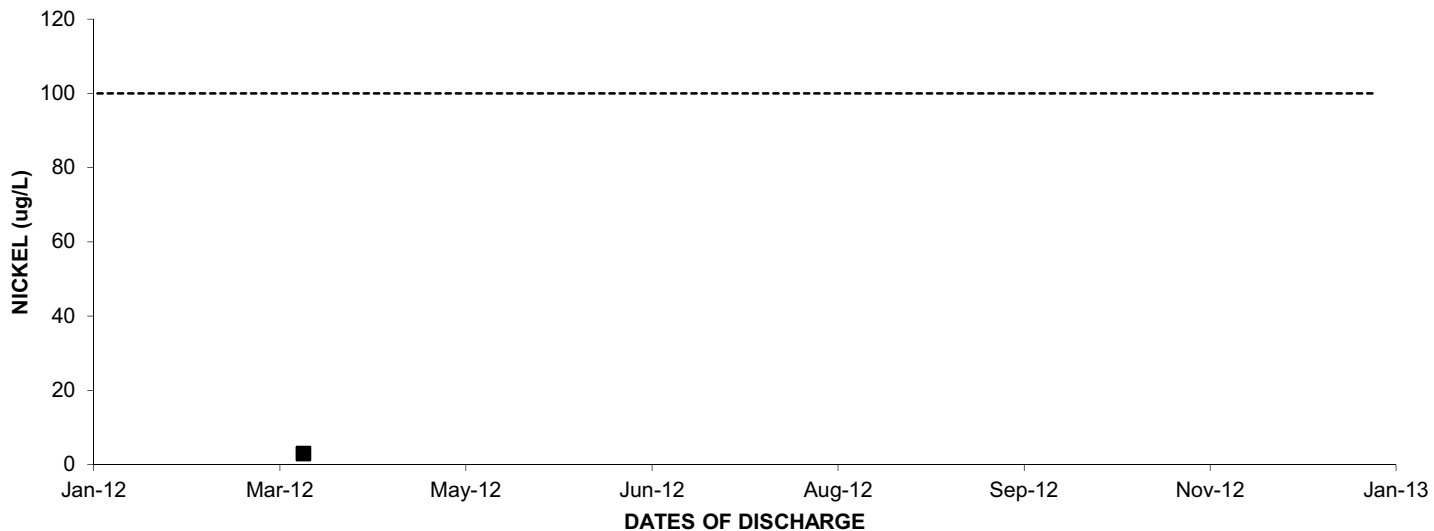
2012: OUTFALL 009 LEAD



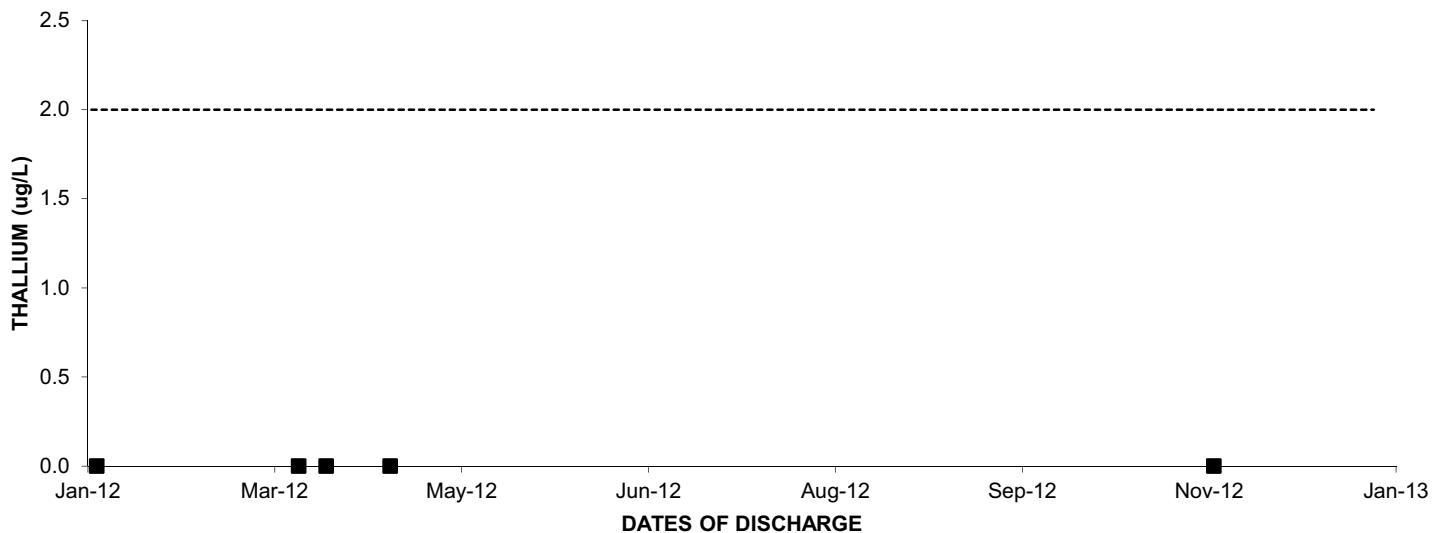
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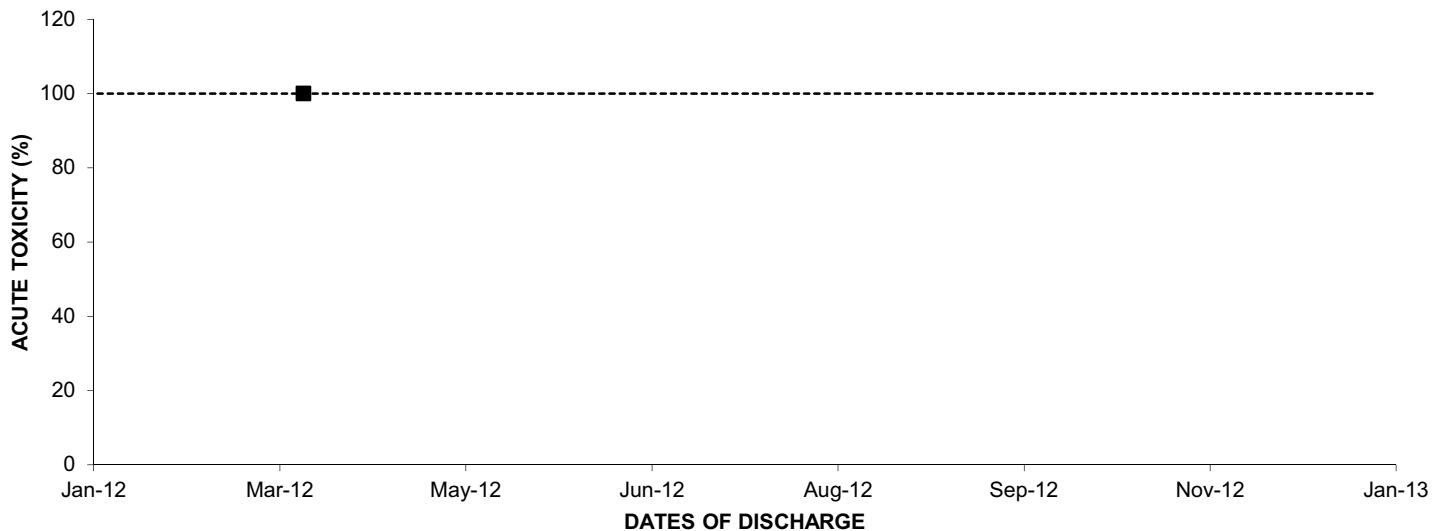
2012: OUTFALL 009 NICKEL



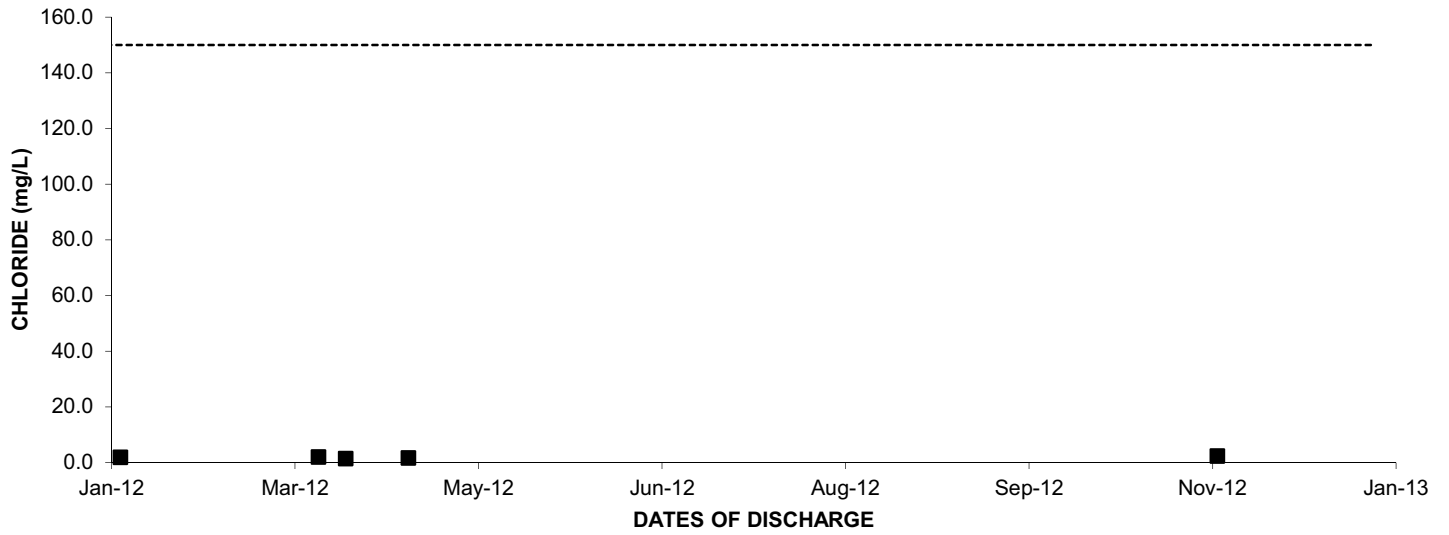
2012: OUTFALL 009 THALLIUM



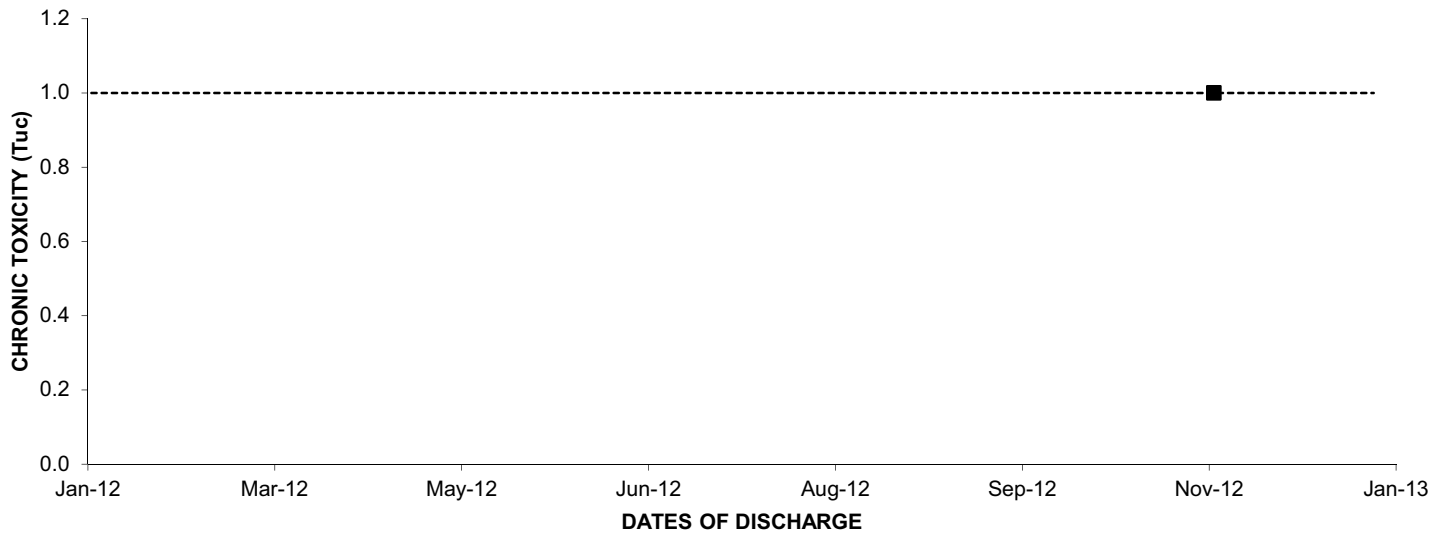
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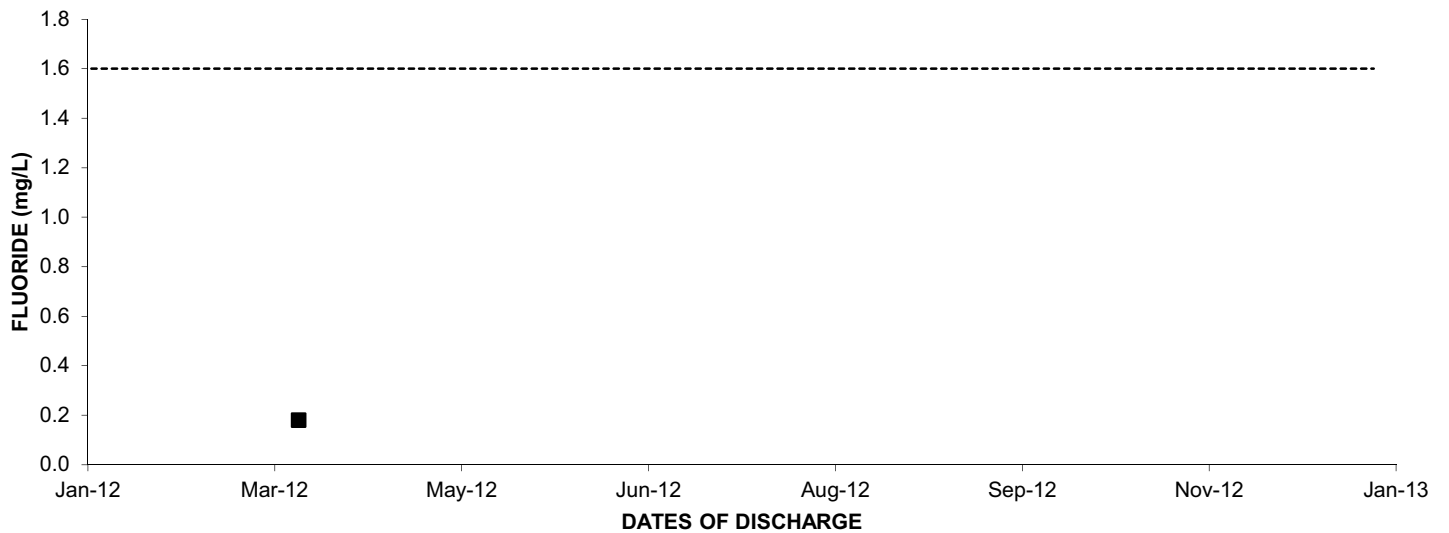
2012: OUTFALL 009 CHLORIDE



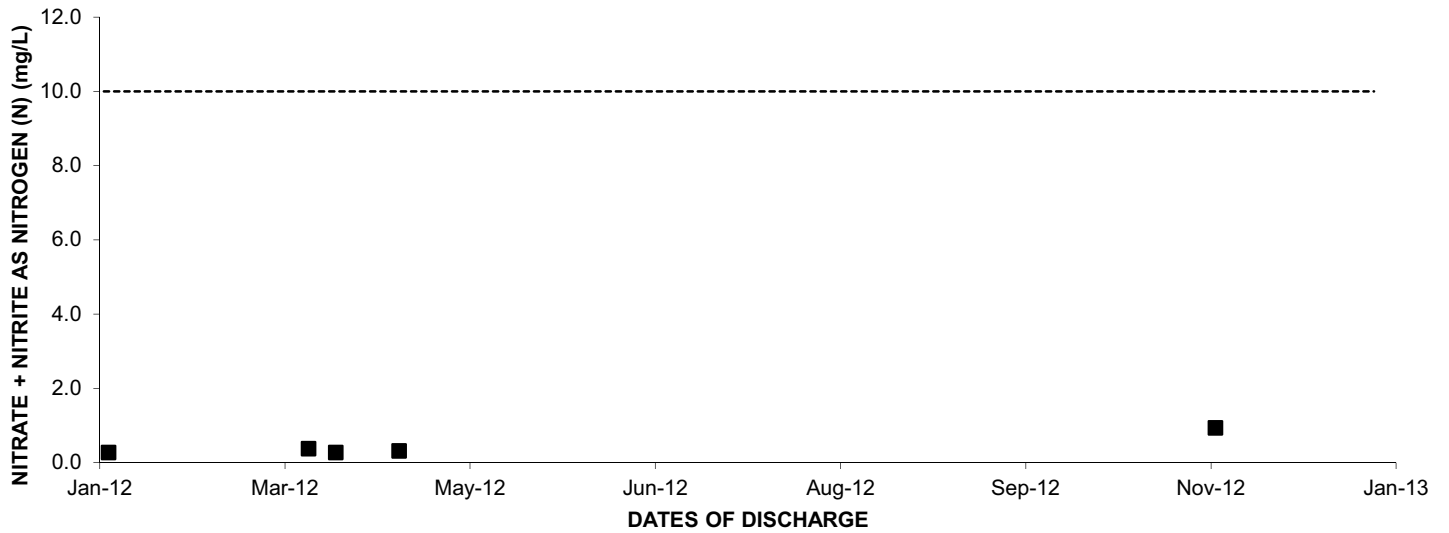
2012: OUTFALL 009 CHRONIC TOXICITY



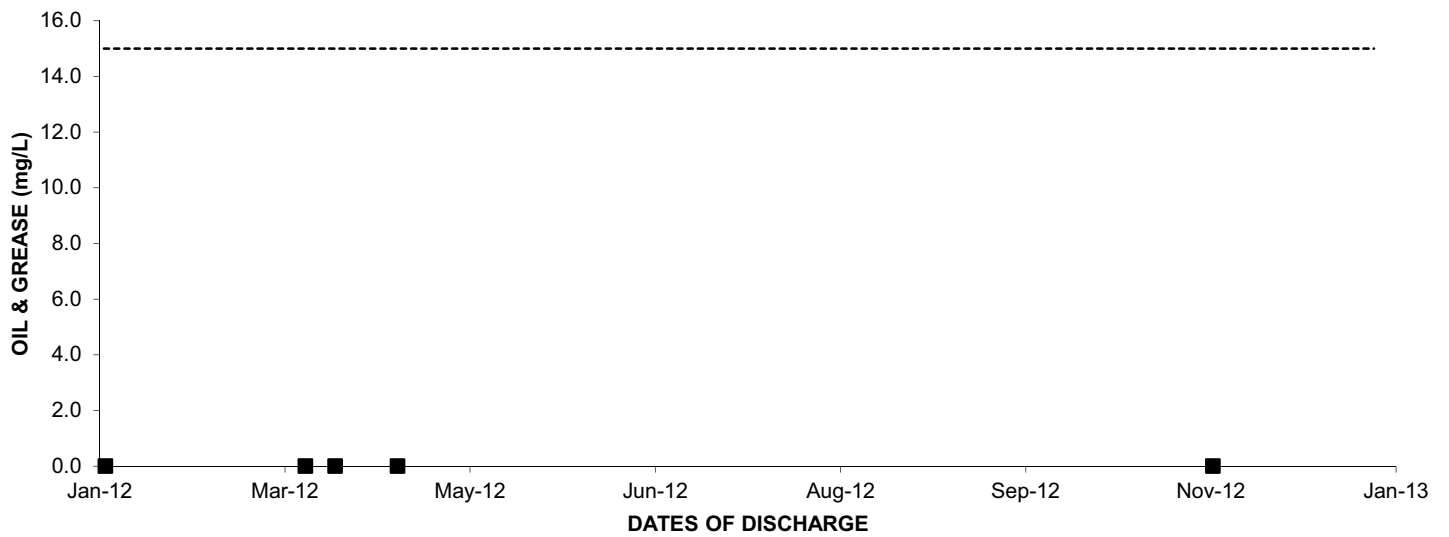
2012: OUTFALL 009 FLUORIDE



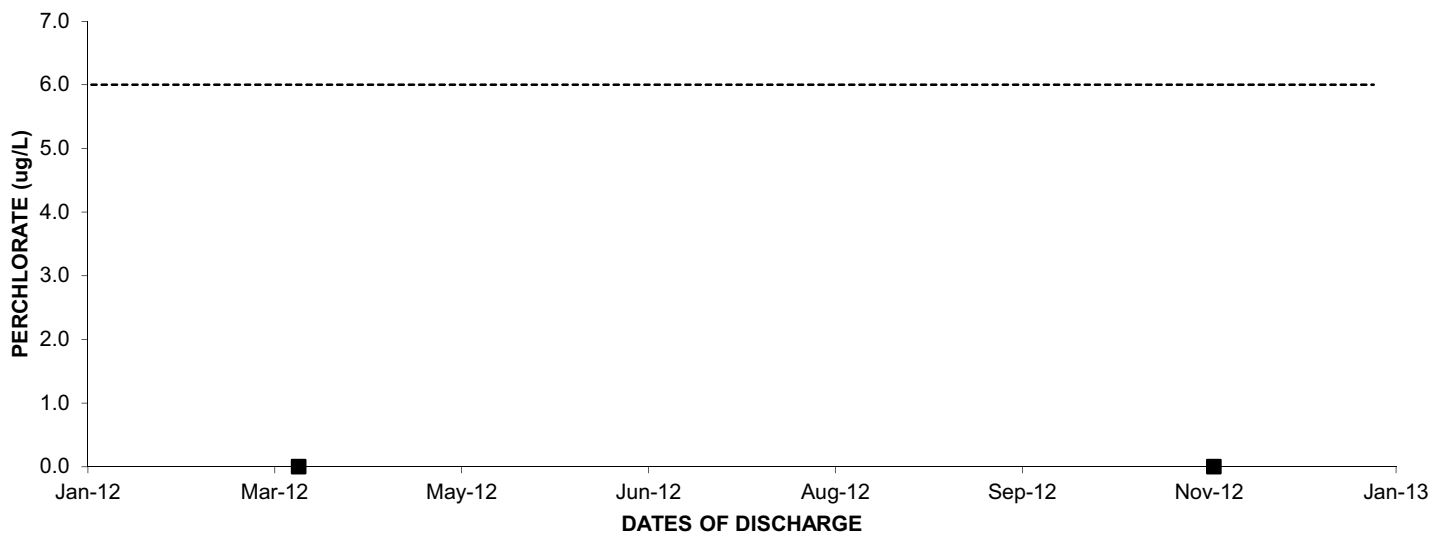
2012: OUTFALL 009 NITRATE + NITRITE AS NITROGEN (N)



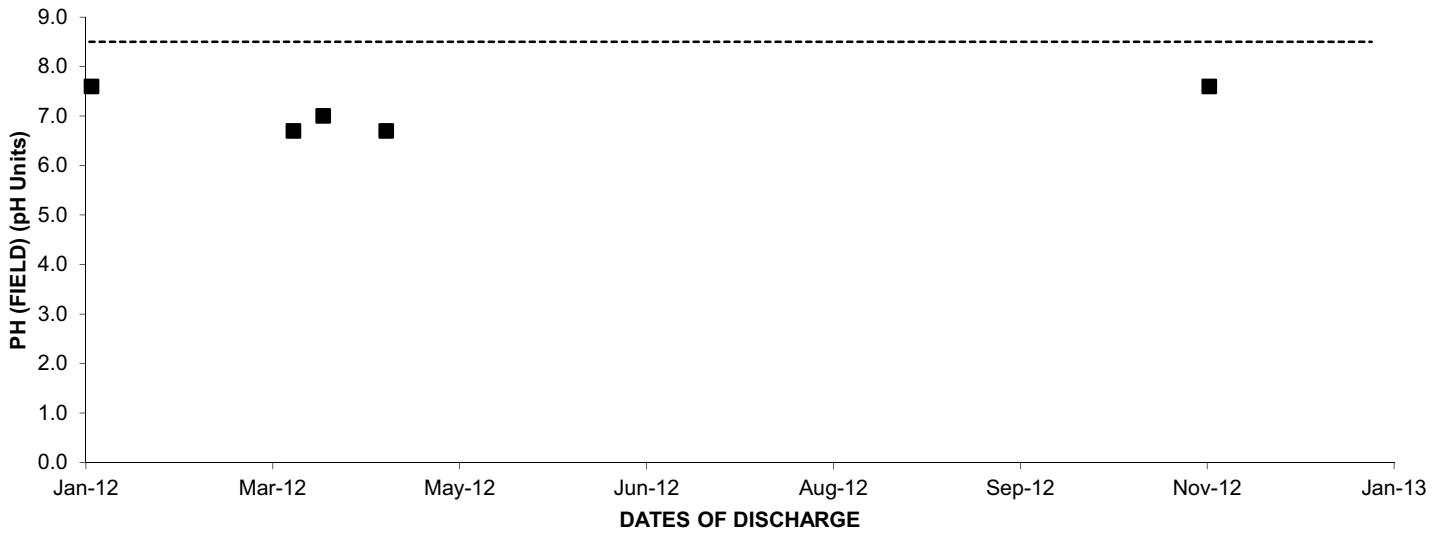
2012: OUTFALL 009 OIL & GREASE



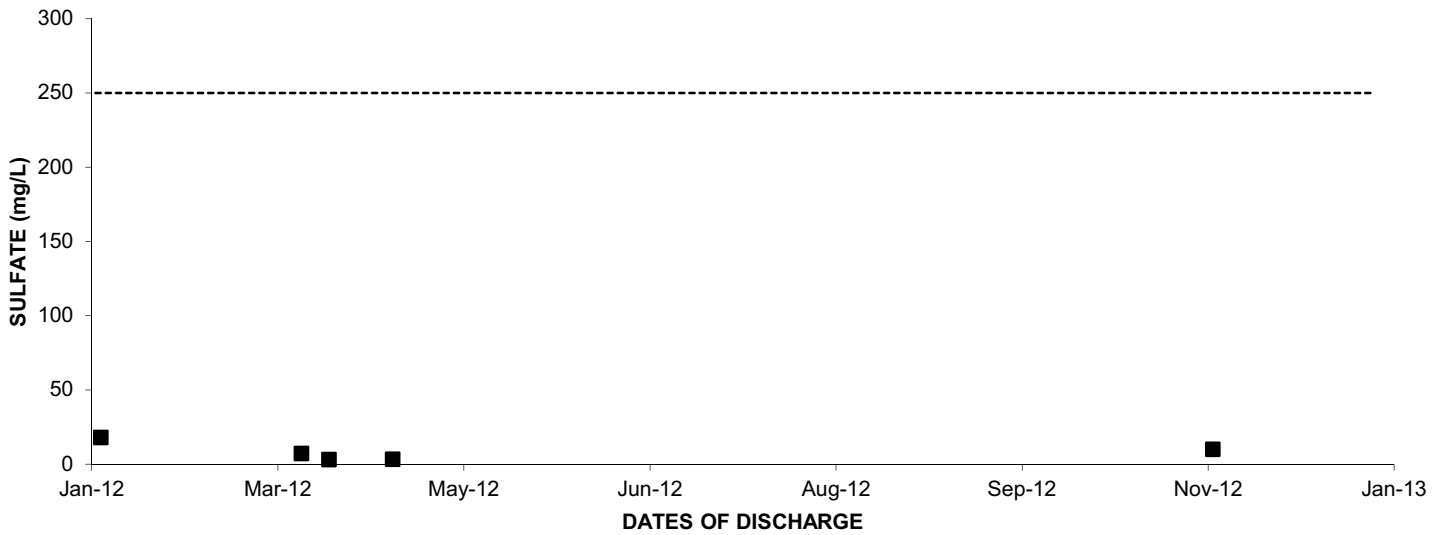
2012: OUTFALL 009 PERCHLORATE



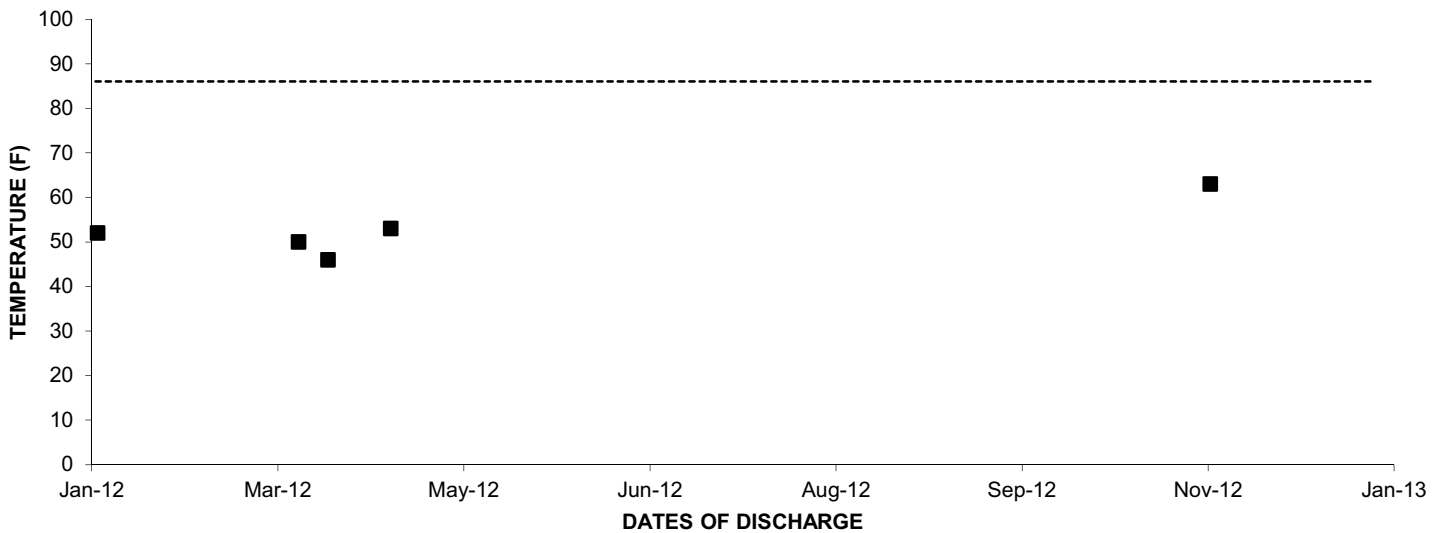
2012: OUTFALL 009 PH (FIELD)



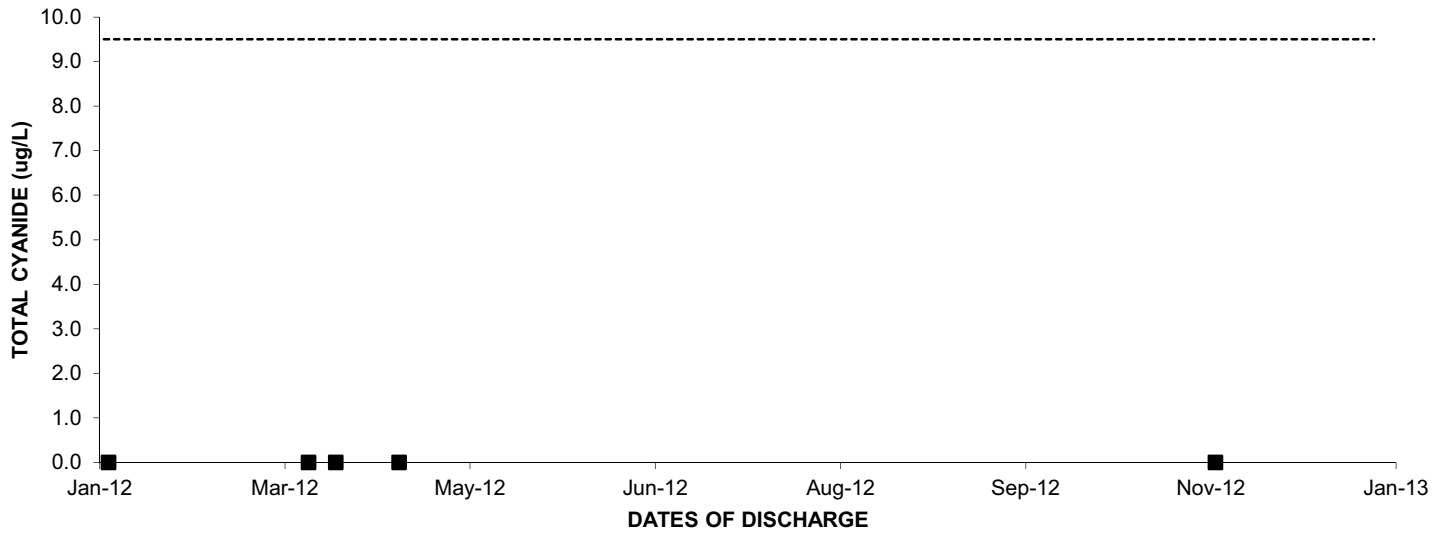
2012: OUTFALL 009 SULFATE



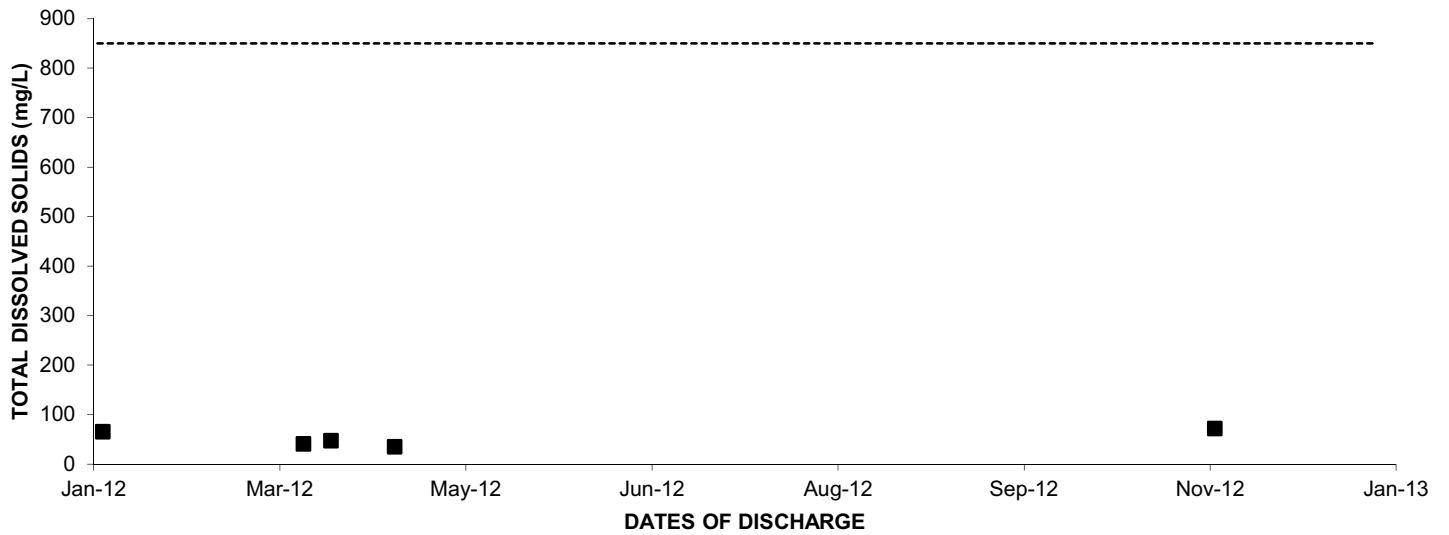
2012: OUTFALL 009 TEMPERATURE



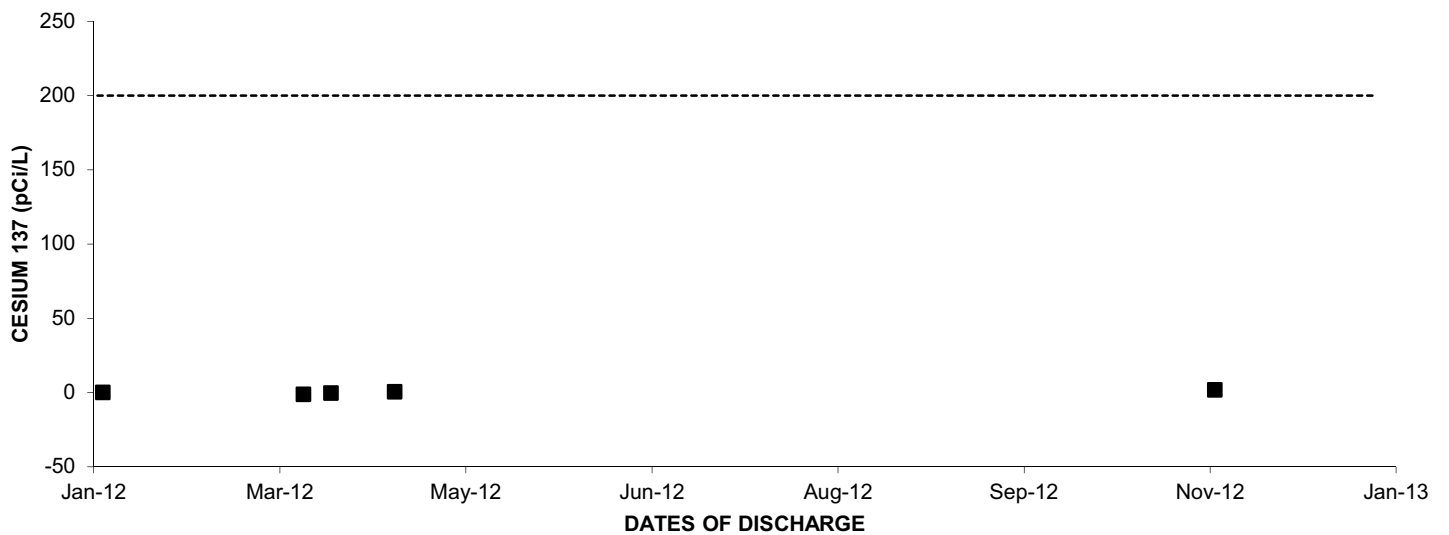
2012: OUTFALL 009 TOTAL CYANIDE



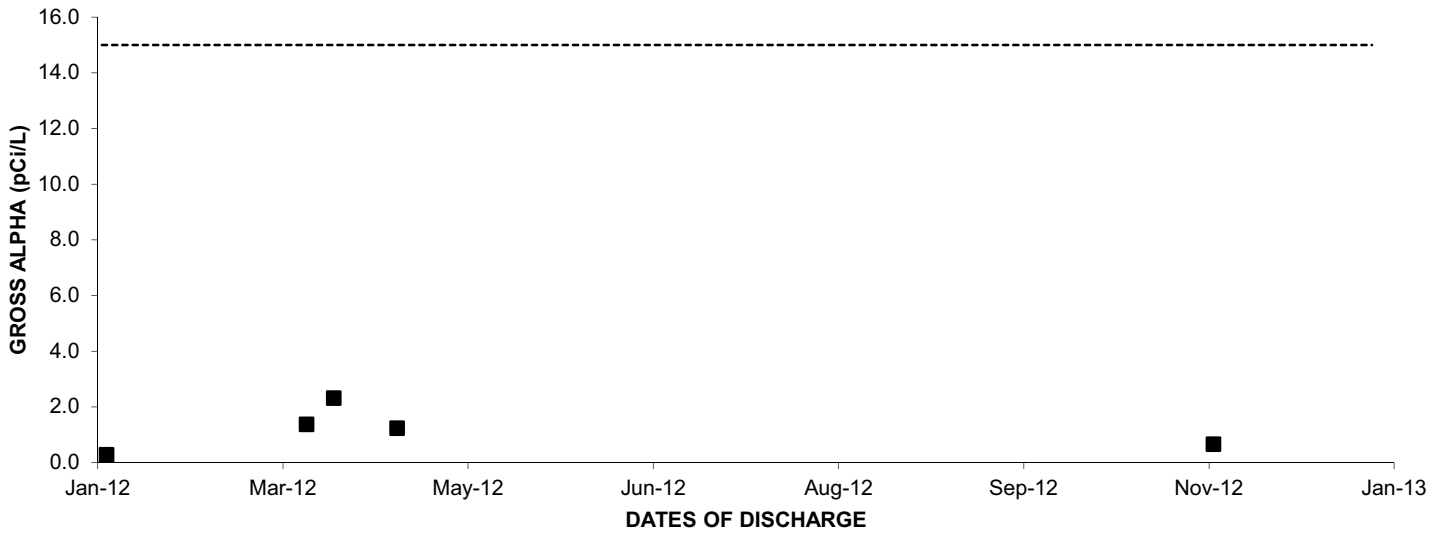
2012: OUTFALL 009 TOTAL DISSOLVED SOLIDS



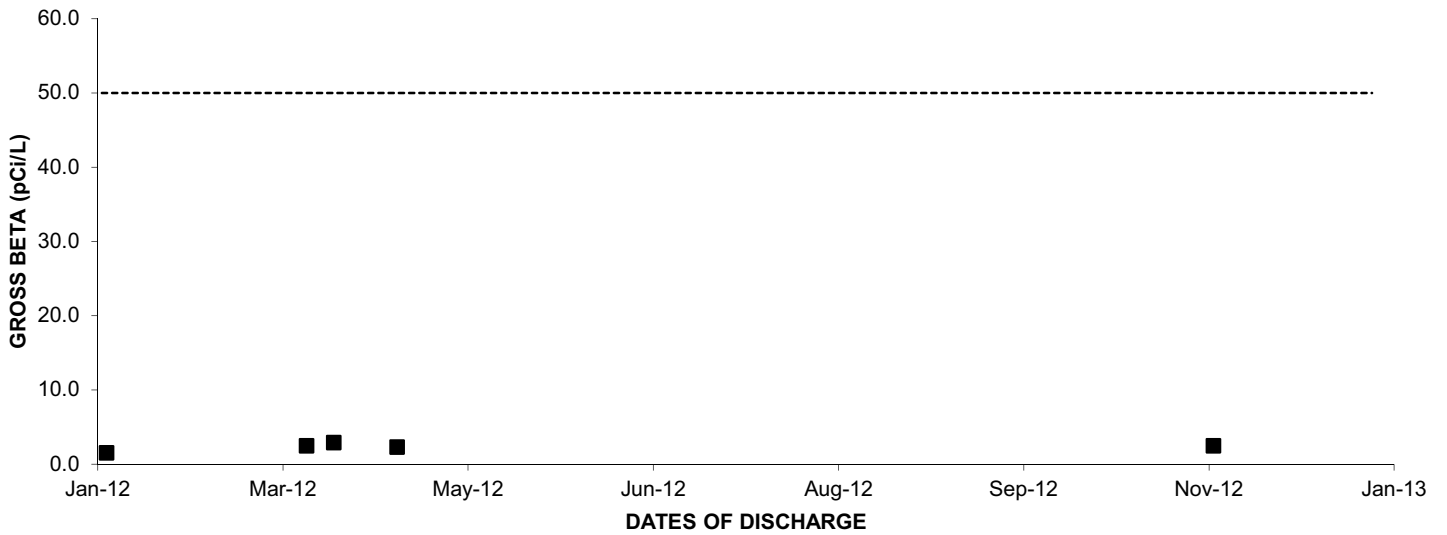
2012: OUTFALL 009 CESIUM 137



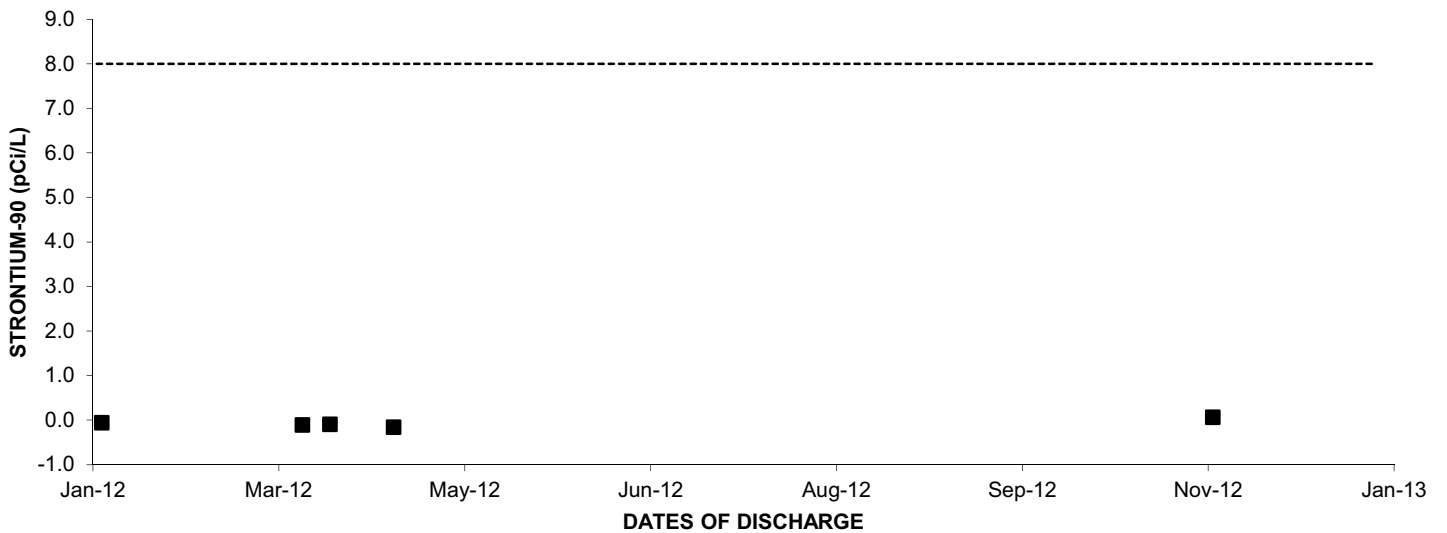
2012: OUTFALL 009 GROSS ALPHA



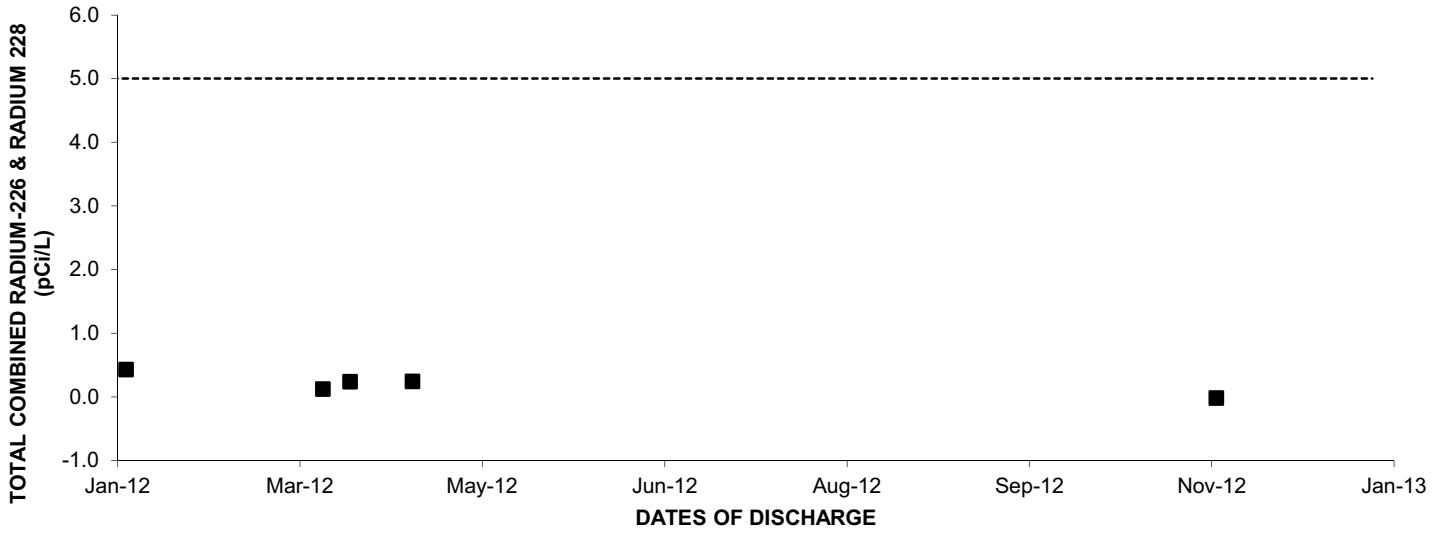
2012: OUTFALL 009 GROSS BETA



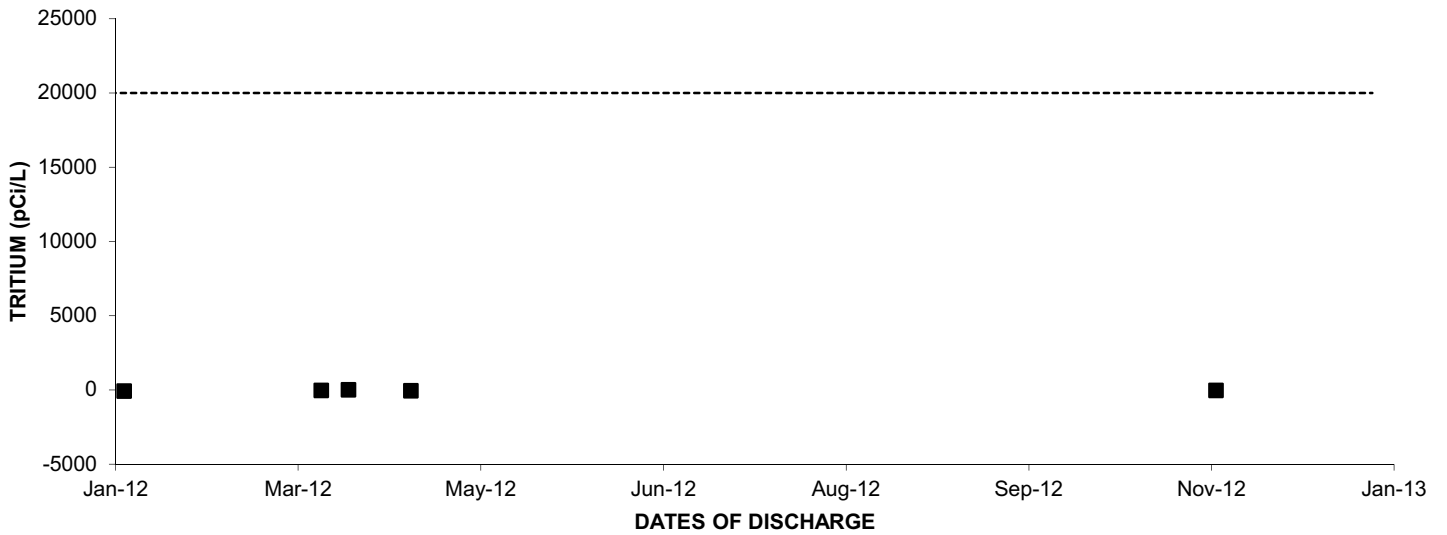
2012: OUTFALL 009 STRONTIUM-90



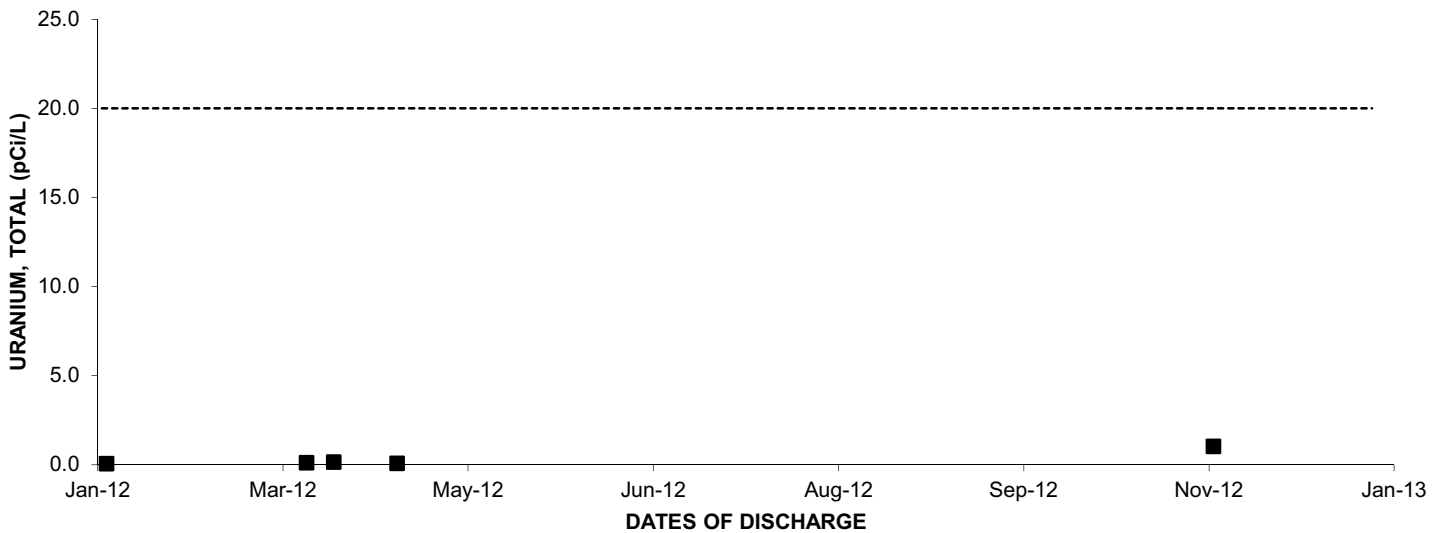
2012: OUTFALL 009 TOTAL COMBINED RADIUM-226 & RADIUM 228



2012: OUTFALL 009 TRITIUM



2012: OUTFALL 009 URANIUM, TOTAL



2012: Outfall 009 TCDD

