

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009		2/6/2009	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ND < 11	U
Chloride	mg/L	150/-	74	*	5.0	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	8.5	J (H)
Fluoride	mg/L	1.6/-	ANR	ANR	0.17	B*
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	1.5	*	0.68	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	7.2	*	8.0	*
Sulfate	mg/L	250/-	66	*	5.1	*
Temperature	deg. F	86/-	42	*	51	*
Total Cyanide	ug/L	-/-	ANR	ANR	ND < 2.2	*
Total Dissolved Solids	mg/L	850/-	340	*	72	*
Hardness	mg/L	-/-	ANR	ANR	26	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	21	--
Total Suspended Solids	mg/L	-/-	ANR	ANR	27	--
Turbidity	NTU	-/-	ANR	ANR	55	J (H)
Volume Discharged	MGD	17.8/-	0.04157	*	0.70026	*
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	2600	--
Aluminum, dissolved	ug/L	-/-	ANR	ANR	350	--
Antimony	ug/L	6.0/-	0.39	J* (DNQ)	ND < 2.0	U (B)
Antimony, dissolved	ug/L	-/-	0.27	J* (DNQ)	ND < 2.0	U (B)
Arsenic	ug/L	-/-	ANR	ANR	ND < 7.0	U
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ND < 7.0	U
Beryllium	ug/L	-/-	ANR	ANR	ND < 0.90	U
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ND < 0.90	U
Boron	mg/L	1.0/-	ANR	ANR	0.034	J (DNQ)
Boron, dissolved	mg/L	-/-	ANR	ANR	0.026	J (DNQ)
Cadmium	ug/L	4.0/-	ND < 0.11	*	0.18	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	*	ND < 0.11	U
Calcium	mg/L	-/-	ANR	ANR	6.4	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	5.7	--
Chromium	ug/L	-/-	ANR	ANR	5.0	--
Chromium, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Copper	ug/L	14.0/-	2.3	*	6.5	--
Copper, dissolved	ug/L	-/-	1.4	J* (DNQ)	3.9	--
Iron	mg/L	-/-	ANR	ANR	3.2	--
Iron, dissolved	mg/L	-/-	ANR	ANR	0.43	--
Lead	ug/L	5.2/-	1.5	*	7.5	--
Lead, dissolved	ug/L	-/-	ND < 0.30	*	1.4	--
Magnesium	mg/L	-/-	ANR	ANR	2.3	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	1.7	--
Mercury	ug/L	0.13/-	ND	U	ND < 0.2	U (B)
Mercury, dissolved	ug/L	-/-	ND	U	ND < 0.2	U (B)
Nickel	ug/L	100/-	ANR	ANR	5.0	J (DNQ)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ND < 2.0	U
Selenium	ug/L	-/-	ANR	ANR	ND < 8.0	U
Selenium, dissolved	ug/L	-/-	ANR	ANR	ND < 8.0	U

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NPDES PERMIT CA0001309

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ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009		2/6/2009	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Silver	ug/L	-/-	ANR	ANR	ND < 6.0	U
Silver, dissolved	ug/L	-/-	ANR	ANR	ND < 6.0	U
Thallium	ug/L	2.0/-	ND < 0.20	*	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	ND < 0.20	*	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	6.8	J (DNQ)
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	22	--
Zinc, dissolved	ug/L	-/-	ANR	ANR	6.3	J (DNQ)
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ND < 0.28	*
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ND < 0.28	*
Chloroform	ug/L	-/-	ANR	ANR	ND < 0.33	*
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ND < 0.28	*
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.42	*
Ethylbenzene	ug/L	-/-	ANR	ANR	ND < 0.25	*
Tetrachloroethene	ug/L	-/-	ANR	ANR	ND < 0.32	*
Toluene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Xylenes (Total)	ug/L	-/-	ANR	ANR	ND < 0.90	*
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Trichloroethene	ug/L	-/-	ANR	ANR	ND < 0.26	*
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ND < 0.34	*
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ND < 0.50	*
Vinyl chloride	ug/L	-/-	ANR	ANR	ND < 0.40	*
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.32	*
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.35	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.37	*
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.4	*
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ND < 4.2	*
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ND < 7.5	*
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 3.3	*
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ND < 1.8	*
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Chlorophenol	ug/L	-/-	ANR	ANR	ND < 2.8	*
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ND < 3.8	*
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ND < 1.9	*
2-Methylphenol	ug/L	-/-	ANR	ANR	ND < 2.8	*

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ND < 7.1	*
4,4'-DDD	ug/L	-/-	ANR	ANR	ND < 0.0019	*
4,4'-DDE	ug/L	-/-	ANR	ANR	ND < 0.0028	*
4,4'-DDT	ug/L	-/-	ANR	ANR	ND < 0.0038	*
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.8	*
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ND < 2.4	*
4-Chloroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ND < 2.4	*
4-Nitrophenol	ug/L	-/-	ANR	ANR	ND < 5.2	*
Acenaphthene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Acenaphthylene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Acrolein	ug/L	-/-	ANR	ANR	ND < 4.0	*
Acrylonitrile	ug/L	-/-	ANR	ANR	ND < 0.70	*
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	100	*
Aldrin	ug/L	-/-	ANR	ANR	ND < 0.0014	*
alpha-BHC	ug/L	-/-	ANR	ANR	ND < 0.0024	*
Aniline	ug/L	-/-	ANR	ANR	ND < 3.3	*
Anthracene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Aroclor-1016	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1221	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1232	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1242	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1248	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ND < 0.24	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ND < 0.24	U
Ben-zidine	ug/L	-/-	ANR	ANR	ND < 9.4	*
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ND < 1.9	*
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.4	*
Benzoic acid	ug/L	-/-	ANR	ANR	ND < 9.4	*
Benzyl alcohol	ug/L	-/-	ANR	ANR	ND < 3.3	*
beta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0038	*
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ND < 2.8	*
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ND < 2.4	*
Bromodichloromethane	ug/L	-/-	ANR	ANR	ND < 0.30	*
Bromoform	ug/L	-/-	ANR	ANR	ND < 0.40	*
Bromomethane	ug/L	-/-	ANR	ANR	ND < 0.42	*
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ND < 3.8	*
Chlordane	ug/L	-/-	ANR	ANR	ND < 0.038	*
Chlorobenzene	ug/L	-/-	ANR	ANR	ND < 0.36	*
Chloroethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Chlorpyrifos	ug/L	-/-	ANR	ANR	ND < 0.21	U
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chrysene	ug/L	-/-	ANR	ANR	ND < 2.4	*
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.22	L*
delta-BHC	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Diazinon	ug/L	-/-	ANR	ANR	ND < 0.48	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Dibenzofuran	ug/L	-/-	ANR	ANR	ND < 3.8	*
Dibromochloromethane	ug/L	-/-	ANR	ANR	ND < 0.40	*
Dieldrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Diethylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Dimethylphthalate	ug/L	-/-	ANR	ANR	ND < 2.4	*
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ND < 2.8	*
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ND < 3.3	*
Endosulfan I	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endosulfan II	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Endrin	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin aldehyde	ug/L	-/-	ANR	ANR	ND < 0.0019	*
Endrin ketone	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Fluoranthene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Fluorene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Heptachlor	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ND < 0.0024	*
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ND < 4.7	*
Hexachloroethane	ug/L	-/-	ANR	ANR	ND < 3.3	*
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Isophorone	ug/L	-/-	ANR	ANR	ND < 2.8	*
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ND < 0.0028	*
Methoxychlor	ug/L	-/-	ANR	ANR	ND < 0.0033	*
Methylene Chloride	ug/L	-/-	ANR	ANR	ND < 0.95	*
m-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 2.8	*
Naphthalene	ug/L	-/-	ANR	ANR	ND < 2.8	*
Nitrobenzene	ug/L	-/-	ANR	ANR	ND < 2.8	*
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ND < 2.4	*
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ND < 3.3	*
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ND < 1.9	*
o-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Cresol	ug/L	-/-	ANR	ANR	ND < 2.8	*
Pentachlorophenol	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenanthrene	ug/L	-/-	ANR	ANR	ND < 3.3	*
Phenol	ug/L	-/-	ANR	ANR	ND < 1.9	*
p-Nitroaniline	ug/L	-/-	ANR	ANR	ND < 3.8	*
Pyrene	ug/L	-/-	ANR	ANR	ND < 3.8	*
Toxaphene	ug/L	-/-	ANR	ANR	ND < 0.24	*
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ND < 0.30	*
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ND < 0.32	*

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR	ND < 11	U
Chloride	mg/L	150/-	1.9	*	2.1	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.19	J* (DNQ)	0.67	*
Oil & Grease	mg/L	15/-	ND < 1.3	*	ND < 1.4	*
Perchlorate	ug/L	6.0/-	ANR	ANR	ND < 0.90	*
pH (Field)	pH units	6.5-8.5/-	6.7	*	6.7	*
Sulfate	mg/L	250/-	3.4	*	4.7	*
Temperature	deg. F	86/-	45	*	60	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	ANR
Total Dissolved Solids	mg/L	850/-	40	*	45	*
Hardness	mg/L	-/-	ANR	ANR	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR	ANR	ANR
Volume Discharged	MGD	17.8/-	0.104145	*	1.04691	*
<b>METALS</b>						
Aluminum	ug/L	-/-	ANR	ANR	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Antimony	ug/L	6.0/-	0.34	J* (DNQ)	0.43	J* (DNQ)
Antimony, dissolved	ug/L	-/-	ND < 0.20	*	0.71	J* (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Cadmium	ug/L	4.0/-	0.17	J* (DNQ)	ND < 0.10	*
Cadmium, dissolved	ug/L	-/-	ND < 0.11	C*	ND < 0.10	*
Calcium	mg/L	-/-	ANR	ANR	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Copper	ug/L	14.0/-	7.6	*	5.3	*
Copper, dissolved	ug/L	-/-	1.4	J* (DNQ)	5.6	B*
Iron	mg/L	-/-	ANR	ANR	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Lead	ug/L	5.2/-	20	--	2.2	*
Lead, dissolved	ug/L	-/-	0.33	J* (DNQ)	0.78	J* (DNQ)
Magnesium	mg/L	-/-	ANR	ANR	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	ANR
Mercury	ug/L	0.13/-	ND < 0.027	U	ND < 0.2	UJ (B)
Mercury, dissolved	ug/L	-/-	ND < 0.027	U	ND < 0.027	U
Nickel	ug/L	100/-	ANR	ANR	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR

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			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Silver	ug/L	-/-	ANR	ANR	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	C*	ND < 0.20	*
Thallium, dissolved	ug/L	-/-	ND < 0.20	C*	ND < 0.20	*
Vanadium	ug/L	-/-	ANR	ANR	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR
Zinc, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ORGANICS</b>						
Benzene	ug/L	-/-	ANR	ANR	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR
<b>ADDITIONAL ANALYTES</b>						
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/13/2009		10/14/2009	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	ANR
Benzdine	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	1.0	*

OUTFALL 009 (WS-13 Drainage)

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/13/2009		10/14/2009	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Chrysene	ug/L	-/-	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR	ANR	ANR



**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/7/2009	
			RESULT	VALIDATION QUALIFIER
Asbestos	MFL	-/-	ANR	ANR
Chloride	mg/L	150/-	1.2	*
Dissolved Oxygen	mg/L	-/-	ANR	ANR
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	0.60	*
Oil & Grease	mg/L	15/-	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	6.8	*
Sulfate	mg/L	250/-	2.1	*
Temperature	deg. F	86/-	47	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	41	*
Hardness	mg/L	-/-	ANR	ANR
Hardness, dissolved	mg/L	-/-	ANR	ANR
Total Suspended Solids	mg/L	-/-	ANR	ANR
Turbidity	NTU	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	0.102605	*
<b>METALS</b>				
Aluminum	ug/L	-/-	ANR	ANR
Aluminum, dissolved	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	0.95	J (DNQ)
Antimony, dissolved	ug/L	-/-	0.51	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR
Arsenic, dissolved	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Beryllium, dissolved	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Boron, dissolved	mg/L	-/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.11	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR
Calcium, Dissolved	mg/L	-/-	ANR	ANR
Chromium	ug/L	-/-	ANR	ANR
Chromium, dissolved	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	5.7	J (*III)
Copper, dissolved	ug/L	-/-	3.1	J (R,*III)
Iron	mg/L	-/-	ANR	ANR
Iron, dissolved	mg/L	-/-	ANR	ANR
Lead	ug/L	5.2/-	5.7	--
Lead, dissolved	ug/L	-/-	0.91	J (DNQ)
Magnesium	mg/L	-/-	ANR	ANR
Magnesium, Dissolved	mg/L	-/-	ANR	ANR
Mercury	ug/L	0.13/-	0.027	J (Q,*III, DNQ)
Mercury, dissolved	ug/L	-/-	ND < 0.027	U
Nickel	ug/L	100/-	ANR	ANR
Nickel, dissolved	ug/L	-/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Selenium, dissolved	ug/L	-/-	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/7/2009	
			RESULT	VALIDATION QUALIFIER
Silver	ug/L	-/-	ANR	ANR
Silver, dissolved	ug/L	-/-	ANR	ANR
Thallium	ug/L	2.0/-	ND < 0.20	U
Thallium, dissolved	ug/L	-/-	0.24	J (DNQ)
Vanadium	ug/L	-/-	ANR	ANR
Vanadium, dissolved	ug/L	-/-	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR
Zinc, dissolved	ug/L	-/-	ANR	ANR
<b>ORGANICS</b>				
Benzene	ug/L	-/-	ANR	ANR
Carbon Tetrachloride	ug/L	-/-	ANR	ANR
Chloroform	ug/L	-/-	ANR	ANR
1,1-Dichloroethane	ug/L	-/-	ANR	ANR
1,2-Dichloroethane	ug/L	-/-	ANR	ANR
1,1-Dichloroethene	ug/L	-/-	ANR	ANR
Ethylbenzene	ug/L	-/-	ANR	ANR
Tetrachloroethene	ug/L	-/-	ANR	ANR
Toluene	ug/L	-/-	ANR	ANR
Xylenes (Total)	ug/L	-/-	ANR	ANR
1,1,1-Trichloroethane	ug/L	-/-	ANR	ANR
1,1,2-Trichloroethane	ug/L	-/-	ANR	ANR
Trichloroethene	ug/L	-/-	ANR	ANR
Trichlorofluoromethane	ug/L	-/-	ANR	ANR
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR
<b>ADDITIONAL ANALYTES</b>				
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR
1,1,2,2-Tetrachloroethane	ug/L	-/-	ANR	ANR
1,2,4-Trichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,2-Dichloropropane	ug/L	-/-	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR
2,4,6-Trichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR
2-Chloronaphthalene	ug/L	-/-	ANR	ANR
2-Chlorophenol	ug/L	-/-	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

**ANNUAL 2009 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
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January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/7/2009	
			RESULT	VALIDATION QUALIFIER
2-Nitrophenol	ug/L	-/-	ANR	ANR
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR
4,4'-DDD	ug/L	-/-	ANR	ANR
4,4'-DDE	ug/L	-/-	ANR	ANR
4,4'-DDT	ug/L	-/-	ANR	ANR
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR
4-Chloroaniline	ug/L	-/-	ANR	ANR
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR
4-Nitrophenol	ug/L	-/-	ANR	ANR
Acenaphthene	ug/L	-/-	ANR	ANR
Acenaphthylene	ug/L	-/-	ANR	ANR
Acrolein	ug/L	-/-	ANR	ANR
Acrylonitrile	ug/L	-/-	ANR	ANR
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR
Aldrin	ug/L	-/-	ANR	ANR
alpha-BHC	ug/L	-/-	ANR	ANR
Aniline	ug/L	-/-	ANR	ANR
Anthracene	ug/L	-/-	ANR	ANR
Aroclor-1016	ug/L	-/-	ANR	ANR
Aroclor-1221	ug/L	-/-	ANR	ANR
Aroclor-1232	ug/L	-/-	ANR	ANR
Aroclor-1242	ug/L	-/-	ANR	ANR
Aroclor-1248	ug/L	-/-	ANR	ANR
Aroclor-1254	ug/L	-/-	ANR	ANR
Aroclor-1260	ug/L	-/-	ANR	ANR
Benzidine	ug/L	-/-	ANR	ANR
Benzo(a)anthracene	ug/L	-/-	ANR	ANR
Benzo(a)pyrene	ug/L	-/-	ANR	ANR
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR
Benzoic acid	ug/L	-/-	ANR	ANR
Benzyl alcohol	ug/L	-/-	ANR	ANR
beta-BHC	ug/L	-/-	ANR	ANR
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR
Bromodichloromethane	ug/L	-/-	ANR	ANR
Bromoform	ug/L	-/-	ANR	ANR
Bromomethane	ug/L	-/-	ANR	ANR
Butylbenzylphthalate	ug/L	-/-	ANR	ANR
Chlordane	ug/L	-/-	ANR	ANR
Chlorobenzene	ug/L	-/-	ANR	ANR
Chloroethane	ug/L	-/-	ANR	ANR
Chloromethane	ug/L	-/-	ANR	ANR
Chlorpyrifos	ug/L	-/-	ANR	ANR
Chronic Toxicity	TUC	1.0/-	1.0	*

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/7/2009	
			RESULT	VALIDATION QUALIFIER
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Diazinon	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibenzofuran	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR
Dimethylphthalate	ug/L	-/-	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ANR	ANR
Endosulfan I	ug/L	-/-	ANR	ANR
Endosulfan II	ug/L	-/-	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ANR	ANR
Endrin	ug/L	-/-	ANR	ANR
Endrin aldehyde	ug/L	-/-	ANR	ANR
Endrin ketone	ug/L	-/-	ANR	ANR
Fluoranthene	ug/L	-/-	ANR	ANR
Fluorene	ug/L	-/-	ANR	ANR
Heptachlor	ug/L	-/-	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR
Hexachloroethane	ug/L	-/-	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR
Isophorone	ug/L	-/-	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR
Methoxychlor	ug/L	-/-	ANR	ANR
Methylene Chloride	ug/L	-/-	ANR	ANR
m-Nitroaniline	ug/L	-/-	ANR	ANR
Naphthalene	ug/L	-/-	ANR	ANR
Nitrobenzene	ug/L	-/-	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR
o-Nitroaniline	ug/L	-/-	ANR	ANR
p-Cresol	ug/L	-/-	ANR	ANR
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	ug/L	-/-	ANR	ANR
p-Nitroaniline	ug/L	-/-	ANR	ANR
Pyrene	ug/L	-/-	ANR	ANR
Toxaphene	ug/L	-/-	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ANR	ANR

**OUTFALL 009 (WS-13 Drainage)**

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

Sample Date January 5, 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	9.36E-06	2.50E-05	ND	U	0.01	ND
1,2,3,4,6,7,8-HpCDF	5.81E-06	2.50E-05	ND	U	0.01	ND
1,2,3,4,7,8,9-HpCDF	2.00E-06	2.50E-05	ND	U	0.01	ND
1,2,3,4,7,8-HxCDD	4.67E-06	2.50E-05	ND	U	0.1	ND
1,2,3,4,7,8-HxCDF	9.78E-07	2.50E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDD	4.34E-06	2.50E-05	ND	U	0.1	ND
1,2,3,6,7,8-HxCDF	9.87E-07	2.50E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDD	4.18E-06	2.50E-05	ND	U	0.1	ND
1,2,3,7,8,9-HxCDF	1.48E-06	2.50E-05	ND	U	0.1	ND
1,2,3,7,8-PeCDD	3.99E-06	2.50E-05	ND	U	1	ND
1,2,3,7,8-PeCDF	2.09E-06	2.50E-05	ND	U	0.05	ND
2,3,4,6,7,8-HxCDF	1.04E-06	2.50E-05	ND	U	0.1	ND
2,3,4,7,8-PeCDF	2.02E-06	2.50E-05	ND	U	0.5	ND
2,3,7,8-TCDD	1.18E-06	5.00E-06	ND	U	1	ND
2,3,7,8-TCDF	9.55E-07	5.00E-06	ND	U	0.1	ND
OCDD	0.00E+00	5.00E-05	6.02E-05	--	0.0001	6.02E-09
OCDF	1.37E-05	5.00E-05	ND	U	0.0001	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>6.02E-09</b>
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TCDD TEQ BENCHMARK 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 2009 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Date February 6, 2009**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	8.77E-05	--	0.01	<b>8.77E-07</b>
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.77E-05	J (DNQ)	0.01	<b>ND</b>
1,2,3,4,7,8,9-HpCDF	2.55E-06	2.50E-05	ND	U	0.01	<b>ND</b>
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	2.63E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,4,7,8-HxCDF	8.81E-07	2.50E-05	ND	U	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	4.47E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDF	9.01E-07	2.50E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	3.50E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDF	1.32E-06	2.50E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8-PeCDD	1.23E-06	2.50E-05	ND	U	1	<b>ND</b>
1,2,3,7,8-PeCDF	6.77E-07	2.50E-05	ND	U	0.05	<b>ND</b>
2,3,4,6,7,8-HxCDF	8.16E-07	2.50E-05	ND	U	0.1	<b>ND</b>
2,3,4,7,8-PeCDF	6.71E-07	2.50E-05	ND	U	0.5	<b>ND</b>
2,3,7,8-TCDD	4.55E-07	5.00E-06	ND	U	1	<b>ND</b>
2,3,7,8-TCDF	5.92E-07	5.00E-06	ND	U	0.1	<b>ND</b>
OCDD	0.00E+00	5.00E-05	7.78E-04	--	0.0001	<b>7.78E-08</b>
OCDF	0.00E+00	5.00E-05	3.57E-05	J (DNQ)	0.0001	<b>ND</b>

<b>TCDD TEQ w/out DNQ Values</b>	<b>9.55E-07</b>
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**TCDD TEQ BENCHMARK 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 2009 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Date February 13, 2009**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	7.04E-04	--	0.01	<b>7.04E-06</b>
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.22E-04	--	0.01	<b>1.22E-06</b>
1,2,3,4,7,8,9-HpCDF	0.00E+00	8.88E-06	ND	UJ (*III)	0.01	<b>ND</b>
1,2,3,4,7,8-HxCDD	0.00E+00	2.50E-05	ND	UJ (*III)	0.1	<b>ND</b>
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	4.11E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	2.80E-05	--	0.1	<b>2.80E-06</b>
1,2,3,6,7,8-HxCDF	0.00E+00	2.50E-05	4.45E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	2.29E-05	J (DNQ)	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDF	2.20E-06	2.50E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8-PeCDD	0.00E+00	2.50E-05	ND	UJ (*III)	1	<b>ND</b>
1,2,3,7,8-PeCDF	2.42E-06	2.50E-05	ND	U	0.05	<b>ND</b>
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	5.08E-06	J (DNQ)	0.1	<b>ND</b>
2,3,4,7,8-PeCDF	2.24E-06	2.50E-05	ND	U	0.5	<b>ND</b>
2,3,7,8-TCDD	0.00E+00	5.00E-06	1.36E-06	J (DNQ)	1	<b>ND</b>
2,3,7,8-TCDF	1.06E-06	5.00E-06	ND	U	0.1	<b>ND</b>
OCDD	0.00E+00	5.00E-05	1.12E-02	--	0.0001	<b>1.12E-06</b>
OCDF	0.00E+00	5.00E-05	6.60E-04	--	0.0001	<b>6.60E-08</b>

<b>TCDD TEQ w/out DNQ Values</b>	<b>1.22E-05</b>
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**TCDD TEQ BENCHMARK 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 2009 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Date October 14, 2009**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	0.00E+00	2.50E-05	1.46E-04	--	0.01	<b>1.46E-06</b>
1,2,3,4,6,7,8-HpCDF	0.00E+00	2.50E-05	1.61E-05	J (DNQ)	0.01	<b>ND</b>
1,2,3,4,7,8,9-HpCDF	0.00E+00	3.10E-06	ND	UJ (*III)	0.01	<b>ND</b>
1,2,3,4,7,8-HxCDD	0.00E+00	3.03E-06	ND	UJ (*III)	0.1	<b>ND</b>
1,2,3,4,7,8-HxCDF	0.00E+00	2.50E-05	1.53E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDD	0.00E+00	2.50E-05	6.75E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,6,7,8-HxCDF	0.00E+00	1.28E-06	ND	UJ (*III)	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDD	0.00E+00	2.50E-05	8.00E-06	J (DNQ)	0.1	<b>ND</b>
1,2,3,7,8,9-HxCDF	5.93E-07	2.50E-05	ND	U	0.1	<b>ND</b>
1,2,3,7,8-PeCDD	0.00E+00	2.50E-05	1.90E-06	J (DNQ)	1	<b>ND</b>
1,2,3,7,8-PeCDF	8.16E-07	2.50E-05	ND	U	0.05	<b>ND</b>
2,3,4,6,7,8-HxCDF	0.00E+00	2.50E-05	1.67E-06	J (DNQ)	0.1	<b>ND</b>
2,3,4,7,8-PeCDF	8.21E-07	2.50E-05	ND	U	0.5	<b>ND</b>
2,3,7,8-TCDD	8.95E-07	5.00E-06	ND	U	1	<b>ND</b>
2,3,7,8-TCDF	4.02E-07	5.00E-06	ND	U	0.1	<b>ND</b>
OCDD	0.00E+00	5.00E-05	1.29E-03	--	0.0001	<b>1.29E-07</b>
OCDF	0.00E+00	5.00E-05	6.63E-05	--	0.0001	<b>6.63E-09</b>

<b>TCDD TEQ w/out DNQ Values</b>	<b>1.60E-06</b>
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**TCDD TEQ BENCHMARK 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 2009 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**Sample Date December 7, 2009**

<b>ANALYTE</b>	<b>LAB LOD (ug/L)</b>	<b>LAB RL (ug/L)</b>	<b>LAB RESULT (ug/L)</b>	<b>VALIDATION QUALIFIER</b>	<b>1998 WHO TEF</b>	<b>TCDD Equivalent (w/out DNQ Values) (ug/L)</b>
1,2,3,4,6,7,8-HpCDD	7.10E-07	7.00E-05	ND	U (B)	0.01	ND
1,2,3,4,6,7,8-HpCDF	8.30E-07	4.80E-05	ND	U (B)	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.20E-06	4.80E-05	ND	U (B)	0.01	ND
1,2,3,4,7,8-HxCDD	6.40E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,4,7,8-HxCDF	6.60E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDD	5.80E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,6,7,8-HxCDF	6.10E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDD	5.50E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,7,8,9-HxCDF	7.00E-07	4.80E-05	ND	U (B)	0.1	ND
1,2,3,7,8-PeCDD	1.10E-06	4.80E-05	ND	U (B)	1	ND
1,2,3,7,8-PeCDF	1.00E-06	4.80E-05	ND	U (B)	0.05	ND
2,3,4,6,7,8-HxCDF	5.60E-07	4.80E-05	ND	U (B)	0.1	ND
2,3,4,7,8-PeCDF	1.10E-06	4.80E-05	ND	U (B)	0.5	ND
2,3,7,8-TCDD	5.60E-07	9.60E-06	ND	U	1	ND
2,3,7,8-TCDF	2.90E-06	9.60E-06	ND	U	0.1	ND
OCDD	1.10E-06	9.60E-05	1.10E-03	--	0.0001	1.10E-07
OCDF	6.20E-07	9.60E-05	ND	U (B)	0.0001	ND

<b>TCDD TEQ w/out DNQ Values</b>	<b>1.10E-07</b>
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**TCDD TEQ BENCHMARK 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 2009 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009			2/6/2009		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>								
Gross Alpha	pCi/L	15/-	3.1 ± 1.9	2.6	J (R)	0.96 ± 0.80	1.2	UJ (C,H)
Gross Beta	pCi/L	50/-	3.9 ± 0.93	0.94	J (DNQ)	0.73 ± 0.67	1	UJ (H)
Strontium-90	pCi/L	8.0/-	0.24 ± 0.41	0.69	U	0.36 ± 0.41	0.66	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.228 ± 0.314	0.66	U	0.42 ± 0.37	0.78	U
Tritium	pCi/L	20000/-	-130 ± 170	310	U	10 ± 190	340	U
Uranium, Total	pCi/L	20/-	1.25 ± 0.13	0.21	J (H)	0.228 ± 0.027	0.42	U
Potassium-40	pCi/L	-/-	-70 ± 460	270	U	-80 ± 510	270	U
Cesium 137	pCi/L	200/-	1.4 ± 7.2	13	U	0.3 ± 7.3	14	U

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/13/2009			10/14/2009		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>								
Gross Alpha	pCi/L	15/-	4.6 ± 1.3	1	J (H,C)	1.01 ± 0.61	0.75	J (H,C,DNQ)
Gross Beta	pCi/L	50/-	3.35 ± 0.91	1	J (H,DNQ)	2.4 ± 1.1	1.6	J (H,DNQ)
Strontium-90	pCi/L	8.0/-	-0.2 ± 0.47	0.83	U	-0.003 ± 0.28	0.5	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.52 ± 0.30	0.61	U	0.146 ± 0.084	0.530	U
Tritium	pCi/L	20000/-	-80 ± 170	310	U	-113 ± 85	190	U
Uranium, Total	pCi/L	20/-	0.319 ± 0.037	0.21	J (H,DNQ)	0.412 ± 0.049	0.21	J (DNQ)
Potassium-40	pCi/L	-/-	0.1 ± 96	220	UJ (H)	-100 ± 9500	200	UJ (H)
Cesium 137	pCi/L	200/-	0.6 ± 7.2	14	UJ (H)	0 ± 8.9	16	UJ (H)

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/7/2009		
			RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>					
Gross Alpha	pCi/L	15/-	2.22 ± 0.94	0.99	J (H,C,DNQ)
Gross Beta	pCi/L	50/-	1.78 ± 0.76	1	J (H, DNQ)
Strontium-90	pCi/L	8.0/-	-0.05 ± 0.33	0.58	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.21 ± 0.67	1.25	U
Tritium	pCi/L	20000/-	-6 ± 82	160	U
Uranium, Total	pCi/L	20/-	0.443 ± 0.052	0.21	R (H,B)
Potassium-40	pCi/L	-/-	-40 ± 330	300	UJ (H)
Cesium 137	pCi/L	200/-	3.6 ± 8.8	16	UJ (H)

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	1/5/2009		2/6/2009	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER	Result	CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	25.66	*	29.20	*
Fluoride	LBS/DAY	238/-	ANR	ANR	0.99	B*
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.52	*	3.97	*
Oil & Grease	LBS/DAY	2,227/-	ND	*	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	22.88	*	29.78	*
Total Dissolved Solids	LBS/DAY	126,184/-	117.88	*	420.49	*
Antimony	LBS/DAY	0.89/-	0.0001	J* (DNQ)	ND	U (B)
Boron	LBS/DAY	148/-	ANR	ANR	0.20	J (DNQ)
Cadmium	LBS/DAY	0.59/-	ND	*	0.001	J (DNQ)
Copper	LBS/DAY	2.08/-	0.001	*	0.038	--
Lead	LBS/DAY	0.77/-	0.001	*	0.044	--
Mercury	LBS/DAY	0.02/-	ND	U	ND	U (B)
Nickel	LBS/DAY	14.9/-	ANR	ANR	0.03	J (DNQ)
Thallium	LBS/DAY	0.3/-	ND	*	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	2.09E-12	--	5.58E-09	--

**OUTFALL 009 (WS-13 Drainage)**

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

January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	2/13/2009		10/14/2009	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER	Result	CONCENTRA TION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	1.65	*	9.17	*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.17	J* (DNQ)	2.92	*
Oil & Grease	LBS/DAY	2,227/-	ND	*	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ND	*
Sulfate	LBS/DAY	37,113/-	2.95	*	20.52	*
Total Dissolved Solids	LBS/DAY	126,184/-	34.74	*	196.45	*
Antimony	LBS/DAY	0.89/-	0.0003	J* (DNQ)	0.002	J* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	0.0001	J* (DNQ)	ND	*
Copper	LBS/DAY	2.08/-	0.0066	*	0.02	*
Lead	LBS/DAY	0.77/-	0.017	*	0.01	*
Mercury	LBS/DAY	0.02/-	ND	U	ND	UJ (B)
Nickel	LBS/DAY	14.9/-	ANR	ANR	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	C*	ND	*
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	1.06E-08	--	6.97E-09	*

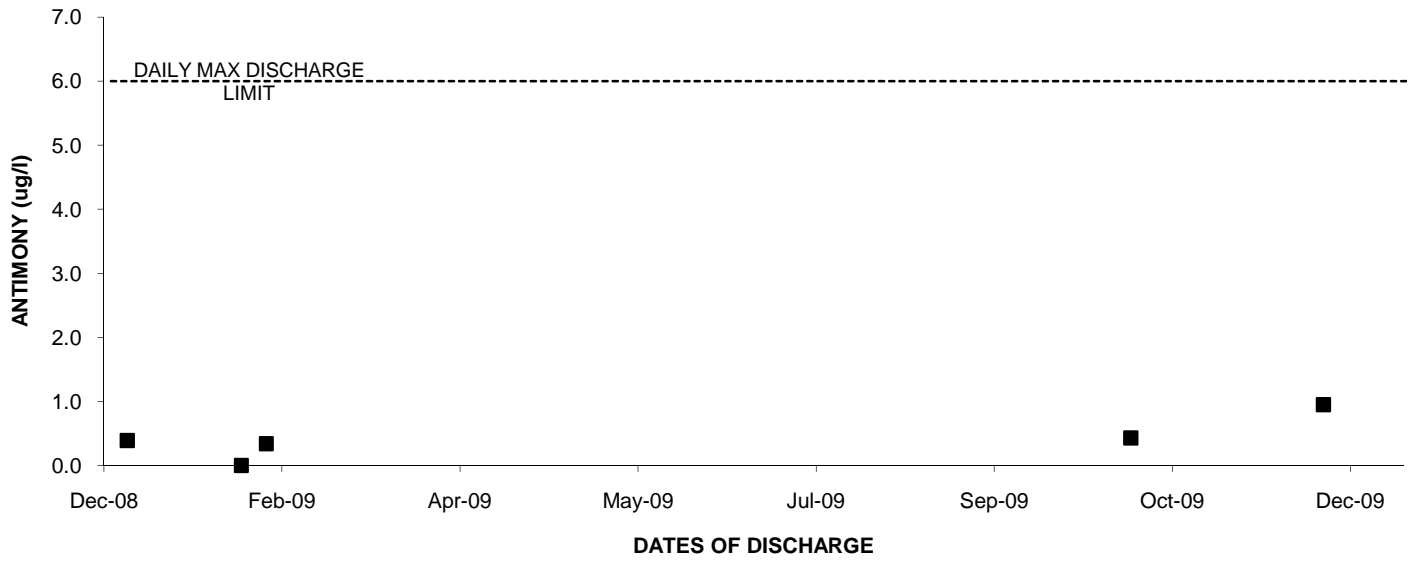
**OUTFALL 009 (WS-13 Drainage)**

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

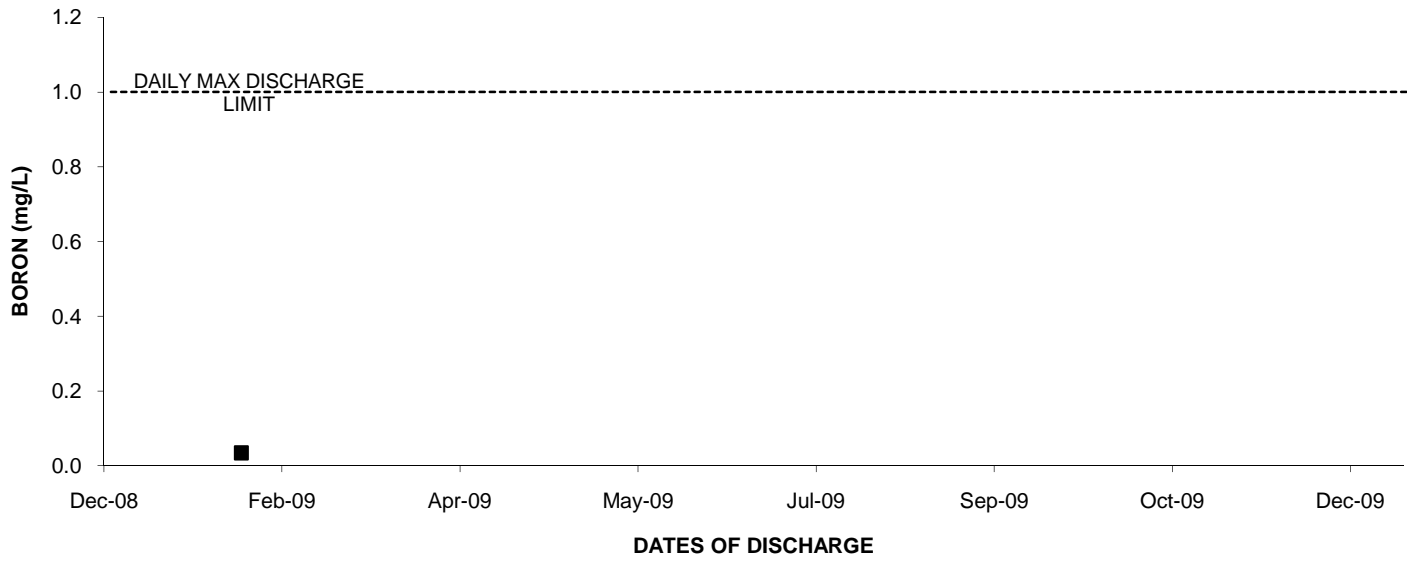
January 1 through December 31, 2009

ANALYTE	UNITS	Benchmark Limit Daily Max/Monthly Avg	12/7/2009	
			Result	CONCENTRATION RESULT VALIDATION QUALIFIER
Chloride	LBS/DAY	22,268/-	1.03	*
Fluoride	LBS/DAY	238/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	0.51	*
Oil & Grease	LBS/DAY	2,227/-	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR
Sulfate	LBS/DAY	37,113/-	1.80	*
Total Dissolved Solids	LBS/DAY	126,184/-	35.08	*
Antimony	LBS/DAY	0.89/-	0.0008	J (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR
Cadmium	LBS/DAY	0.59/-	0.0001	J (DNQ)
Copper	LBS/DAY	2.08/-	0.0049	J (*III)
Lead	LBS/DAY	0.77/-	0.0049	--
Mercury	LBS/DAY	0.02/-	0.000023	J (Q,*III, DNQ)
Nickel	LBS/DAY	14.9/-	ANR	ANR
Thallium	LBS/DAY	0.3/-	ND	U
TCDD TEQ_NoDNQ	LBS/DAY	4.20E-09/-	9.41E-11	*

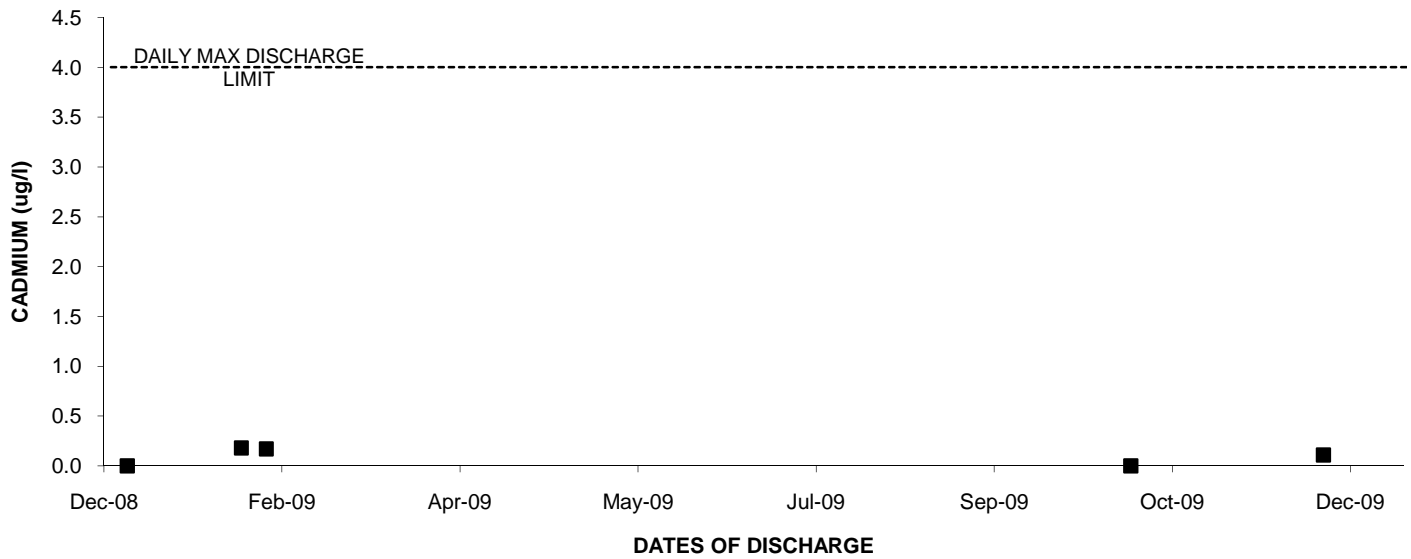
### 2009: OUTFALL 009 ANTIMONY



### 2009: OUTFALL 009 BORON

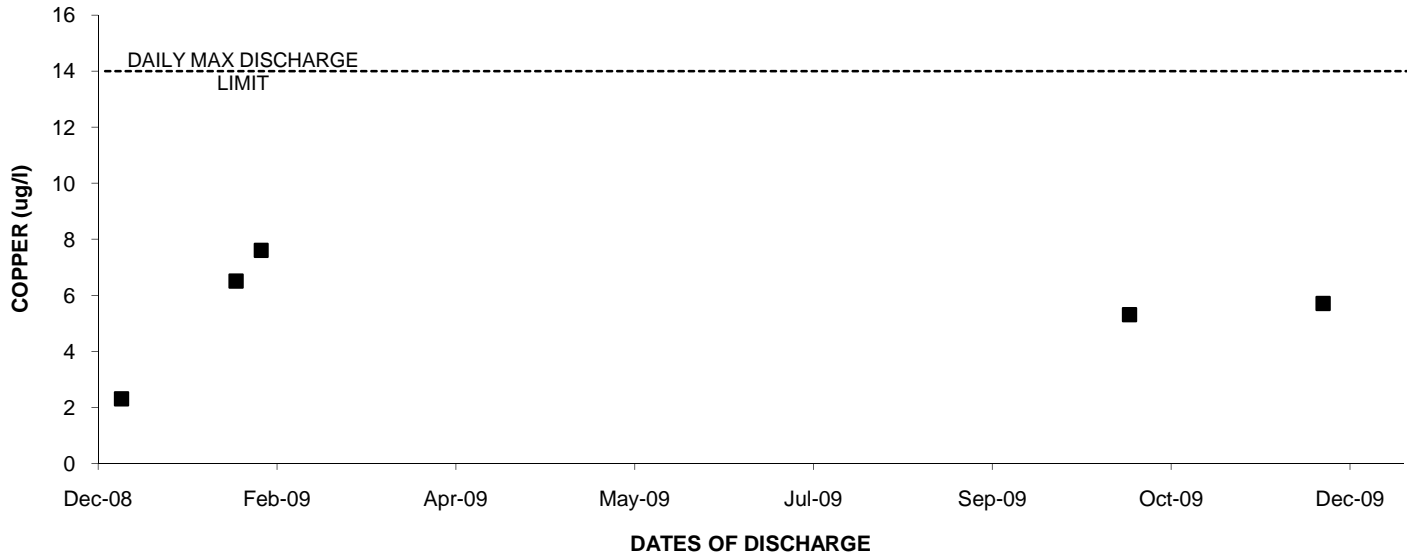


### 2009: OUTFALL 009 CADMIUM

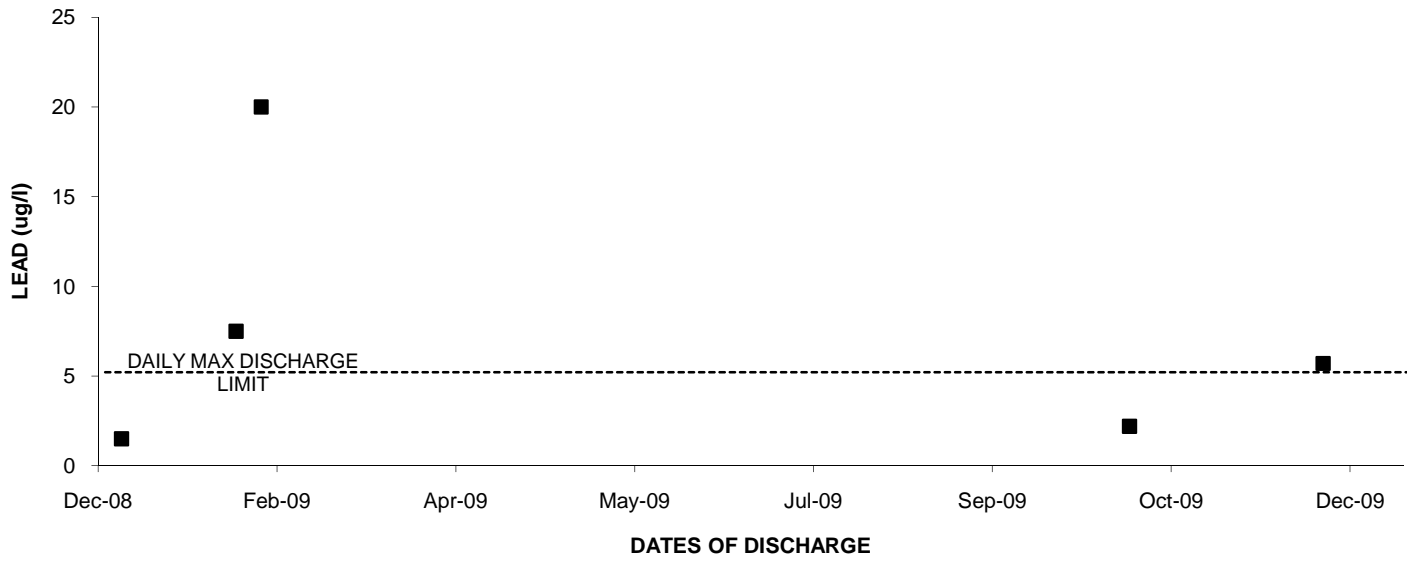




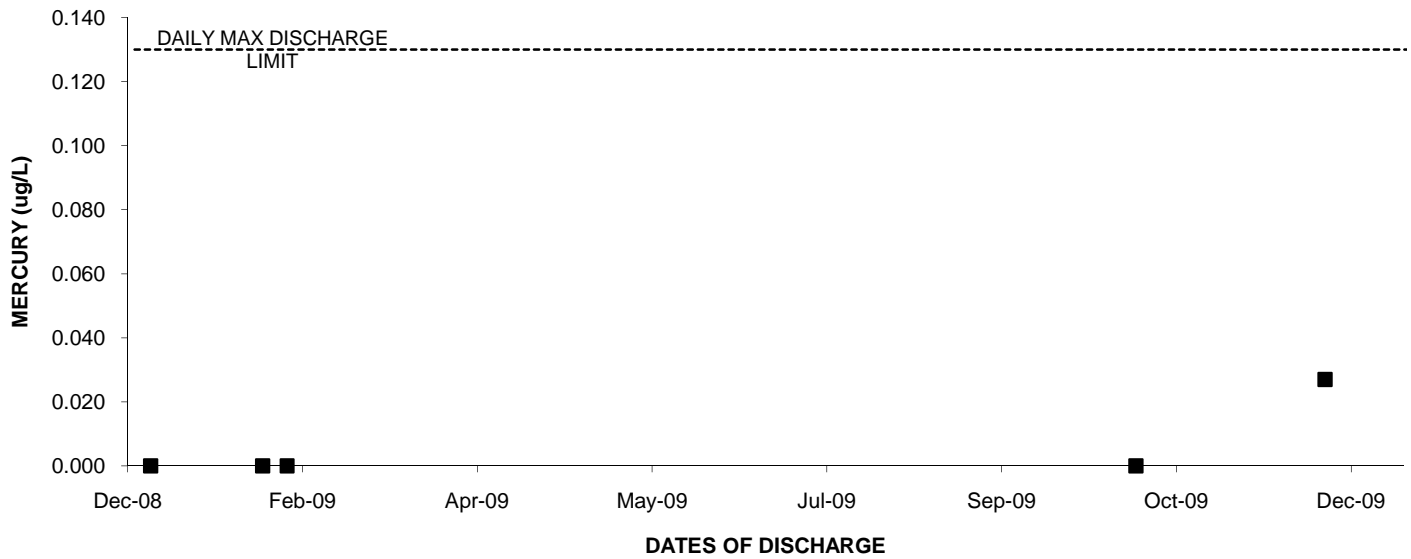
### 2009: OUTFALL 009 COPPER



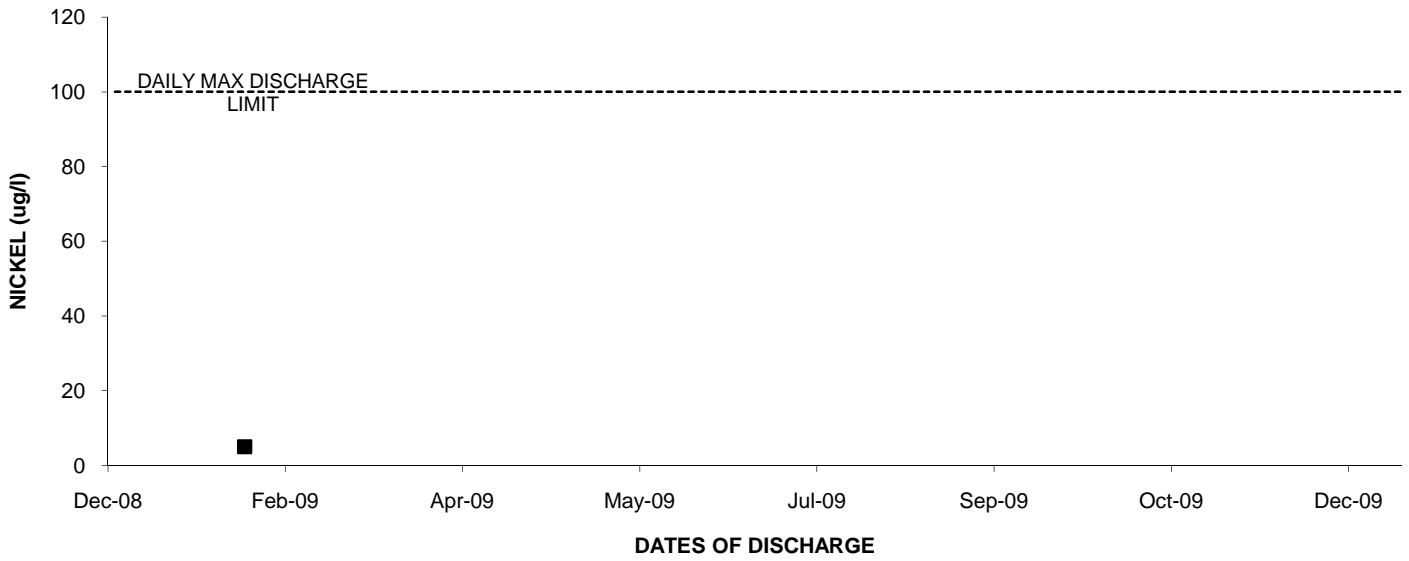
### 2009: OUTFALL 009 LEAD



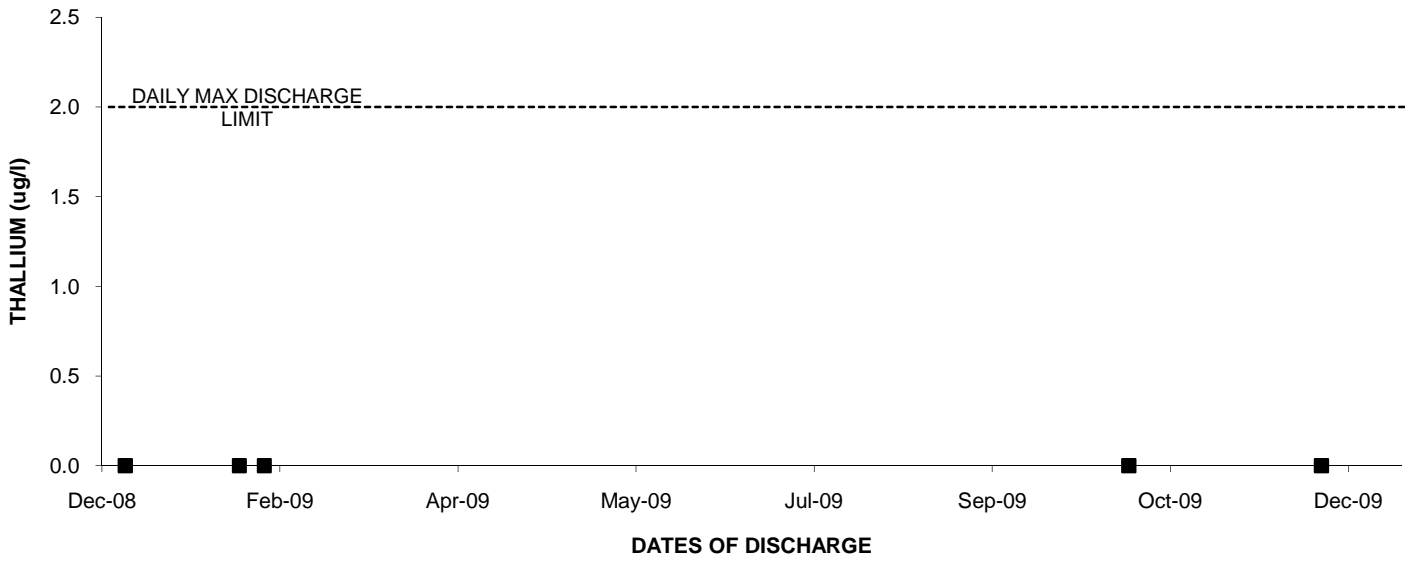
### 2009: OUTFALL 009 MERCURY



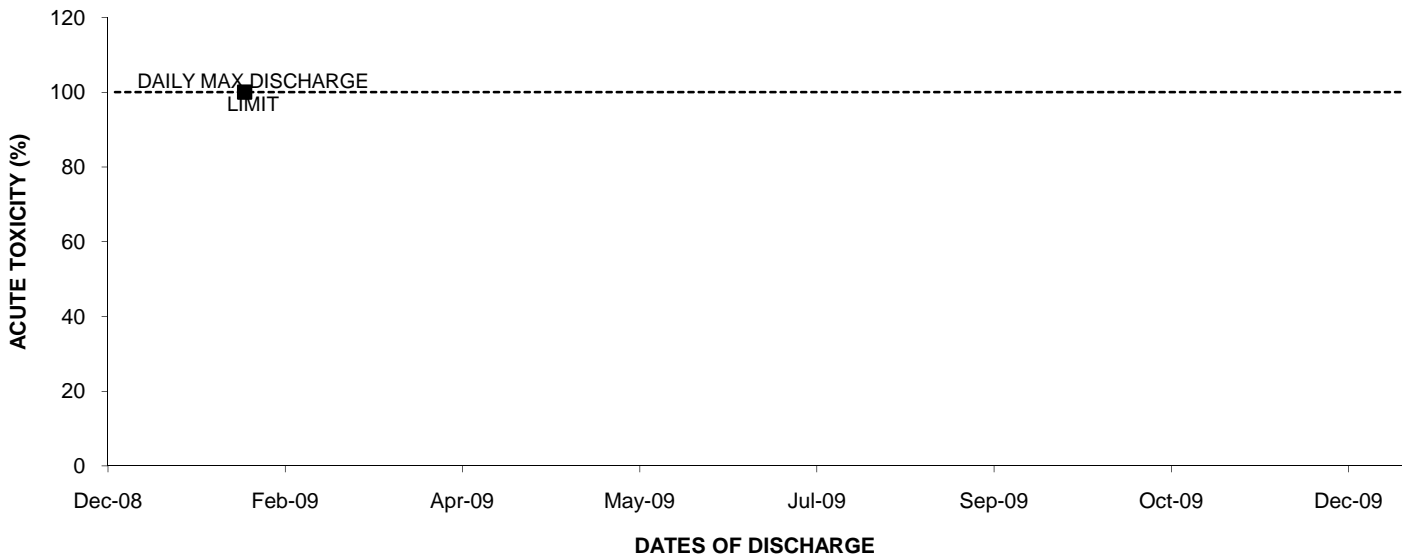
### 2009: OUTFALL 009 NICKEL



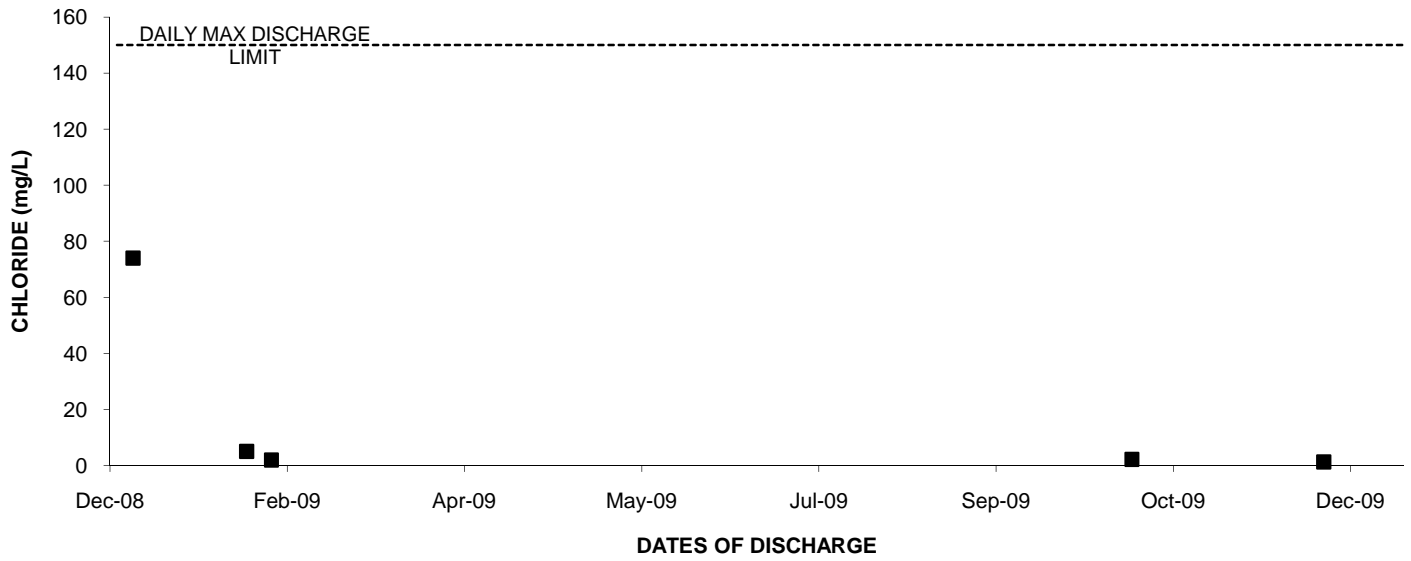
### 2009: OUTFALL 009 THALLIUM



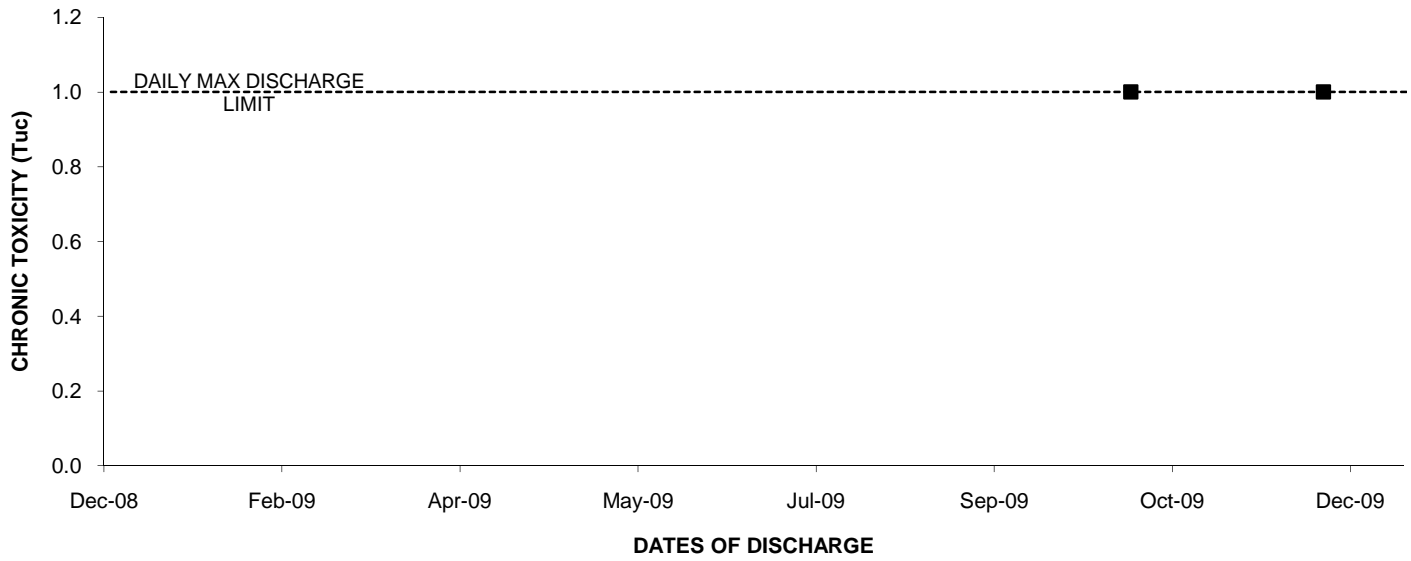
### 2009: OUTFALL 009 ACUTE TOXICITY



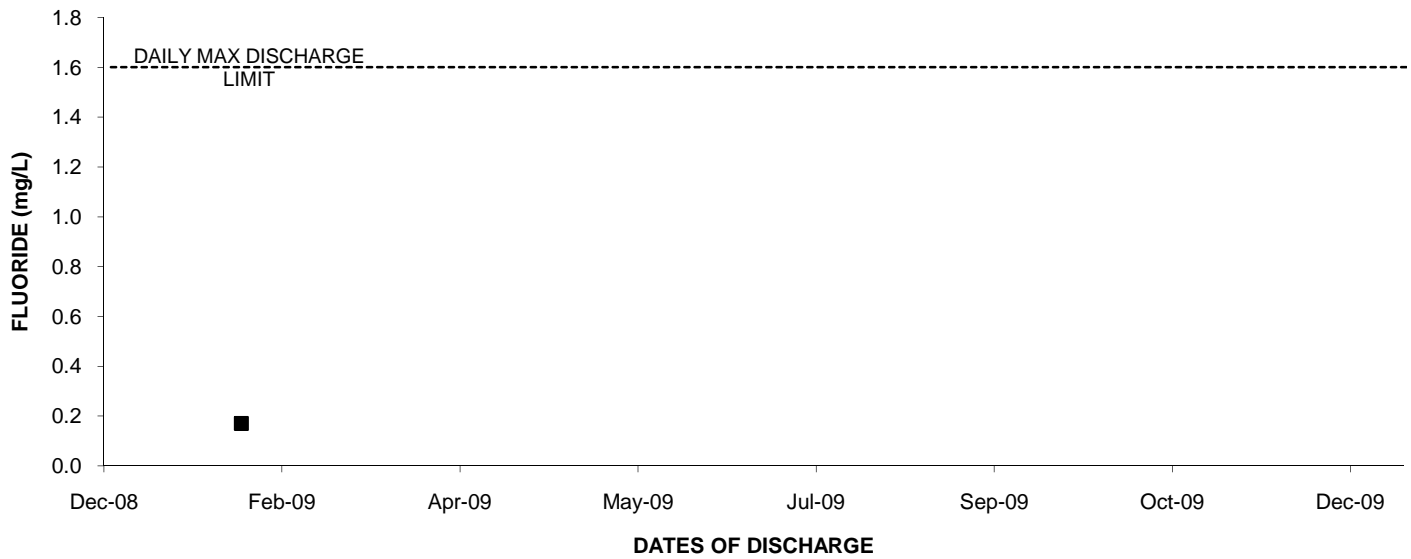
### 2009: OUTFALL 009 CHLORIDE



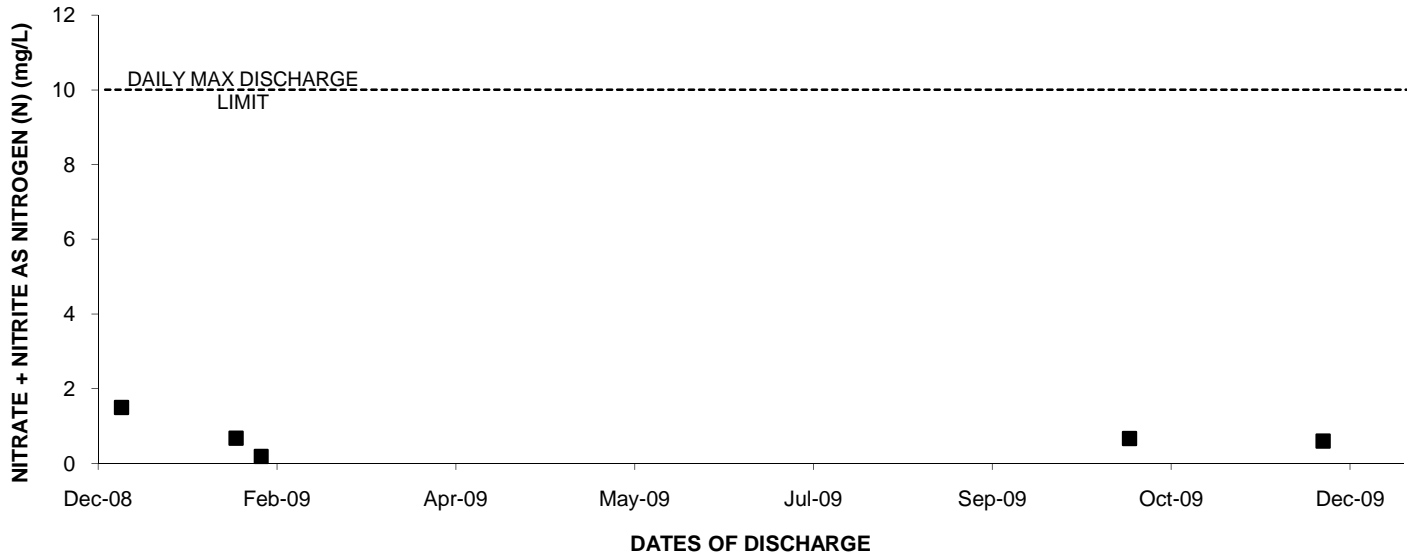
### 2009: OUTFALL 009 CHRONIC TOXICITY



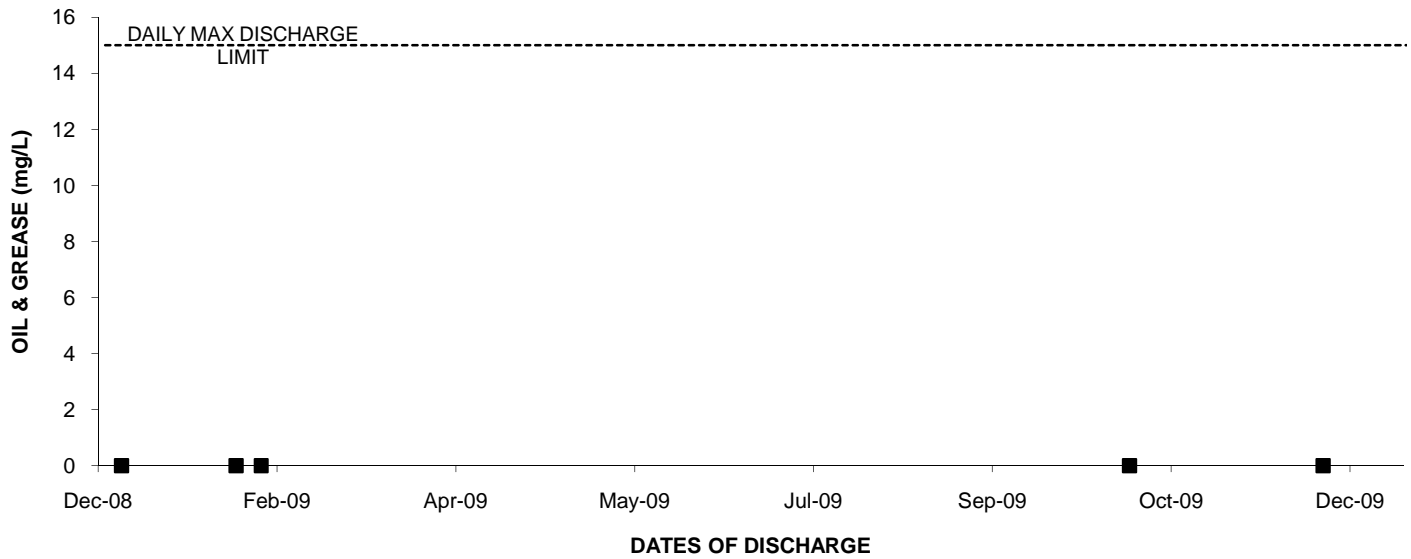
### 2009: OUTFALL 009 FLUORIDE



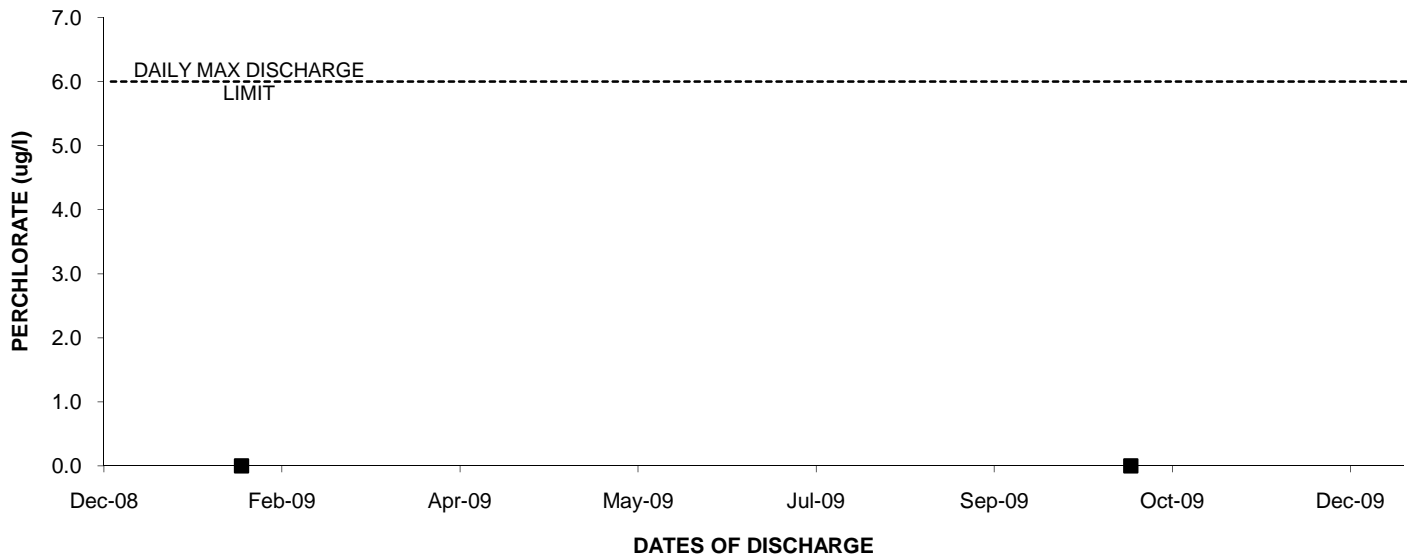
### 2009: OUTFALL 009 NITRATE + NITRITE AS NITROGEN (N)



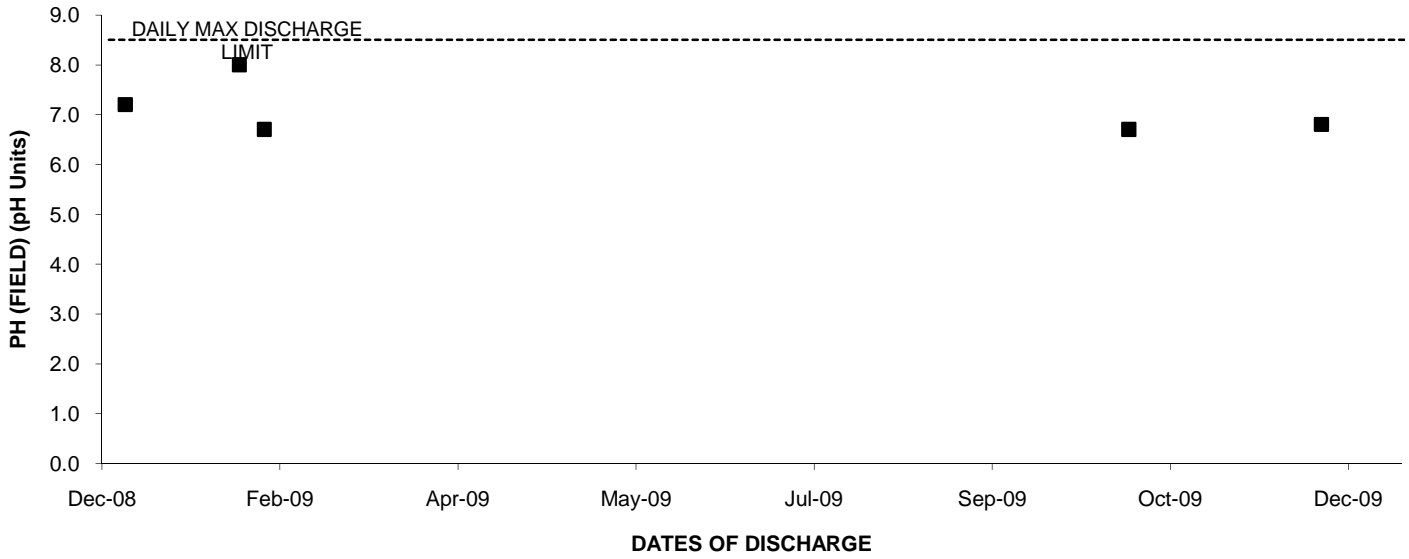
### 2009: OUTFALL 009 OIL & GREASE



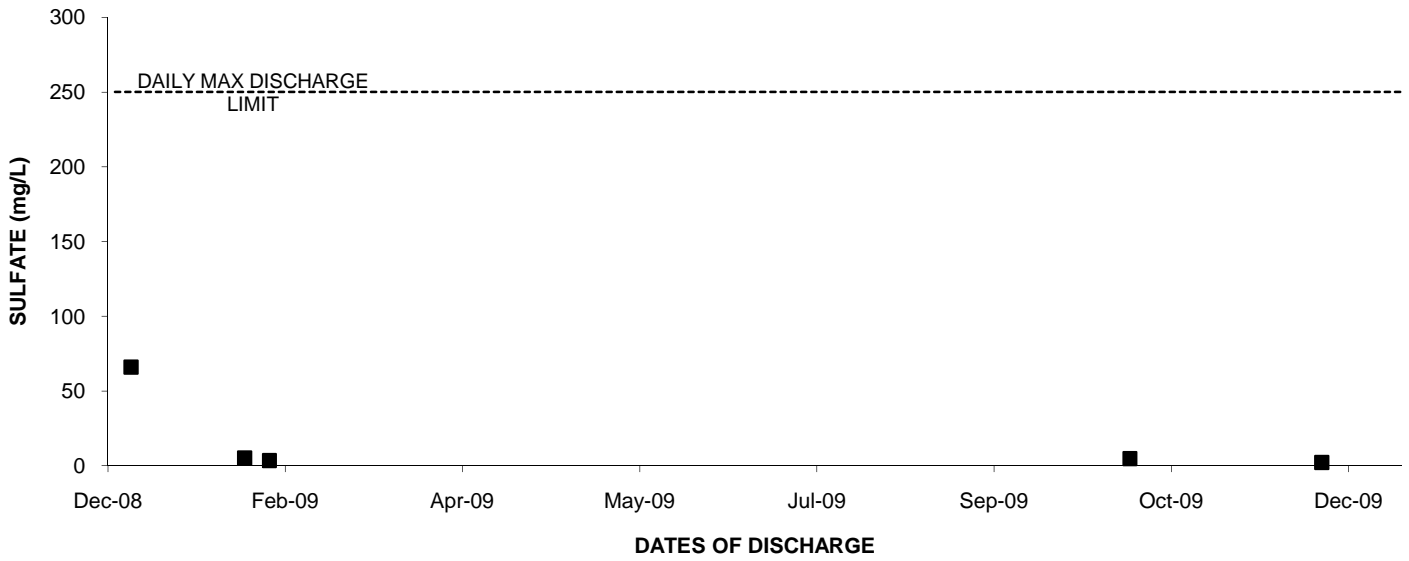
### 2009: OUTFALL 009 PERCHLORATE



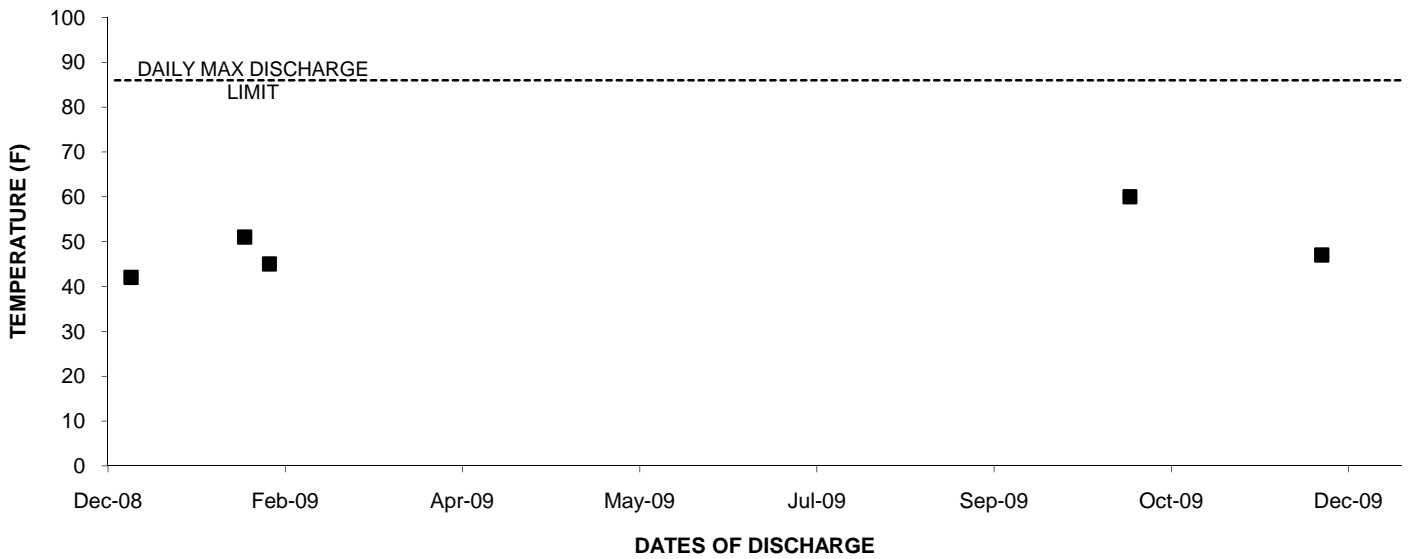
### 2009: OUTFALL 009 PH (FIELD)



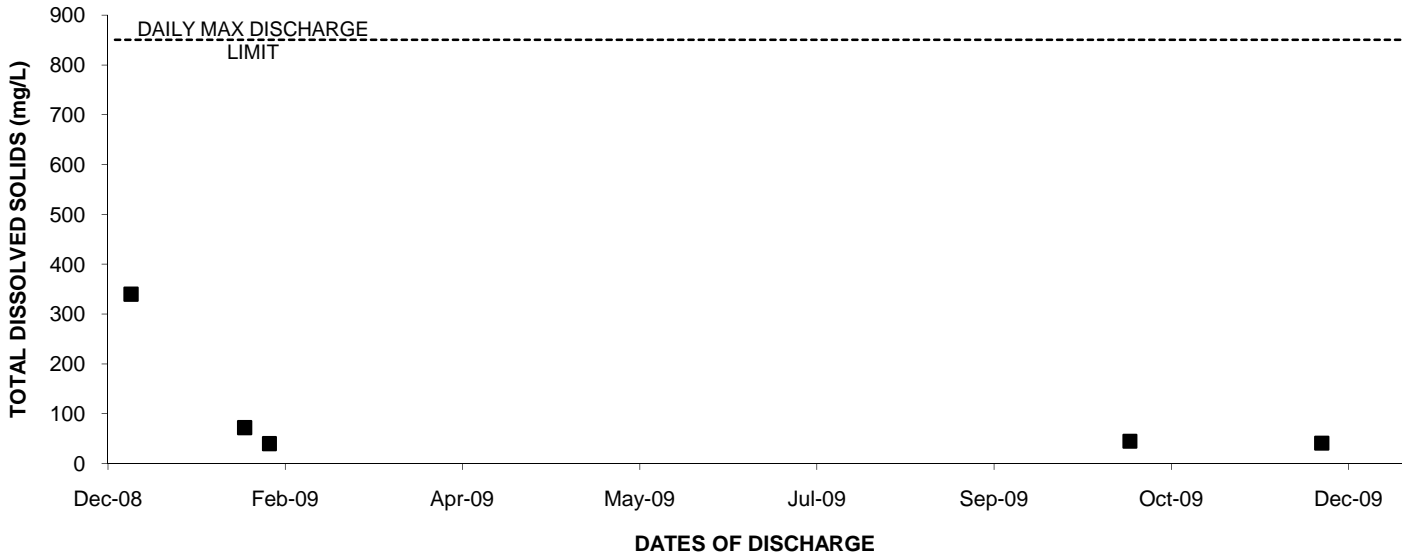
### 2009: OUTFALL 009 SULFATE



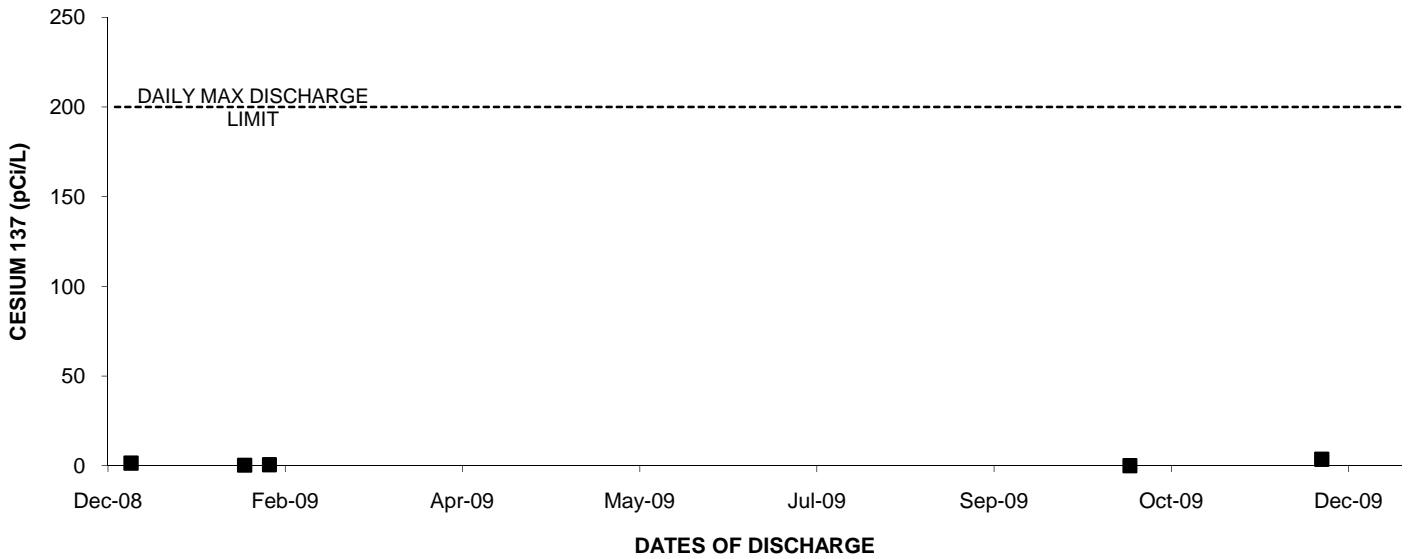
### 2009: OUTFALL 009 TEMPERATURE



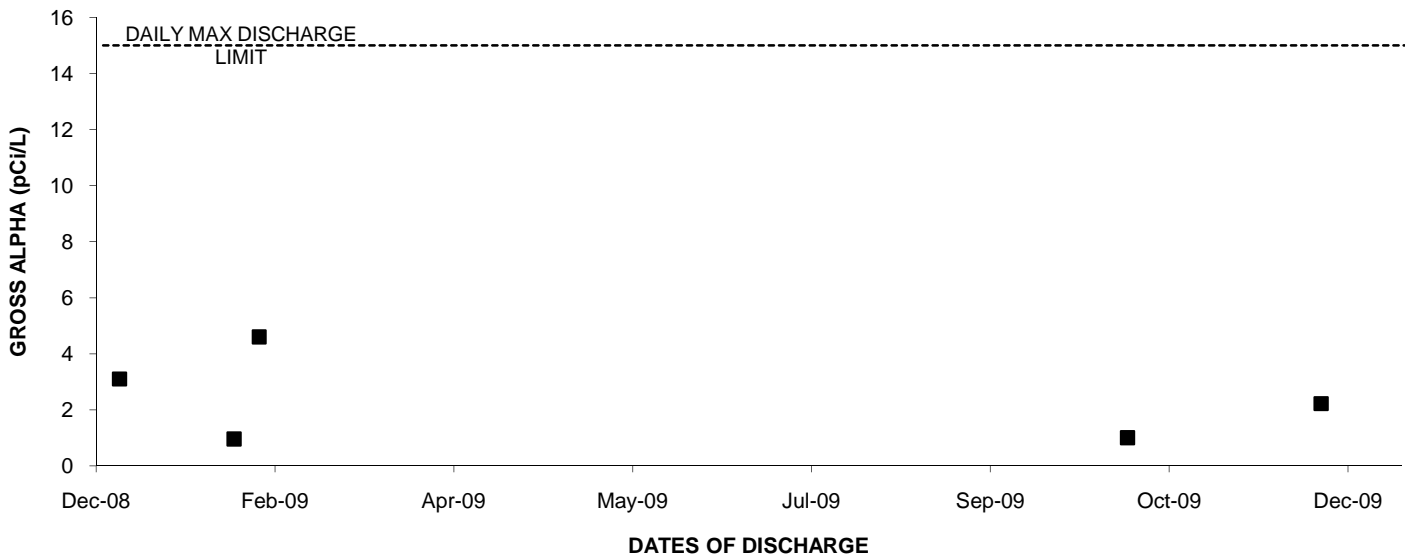
### 2009: OUTFALL 009 TOTAL DISSOLVED SOLIDS



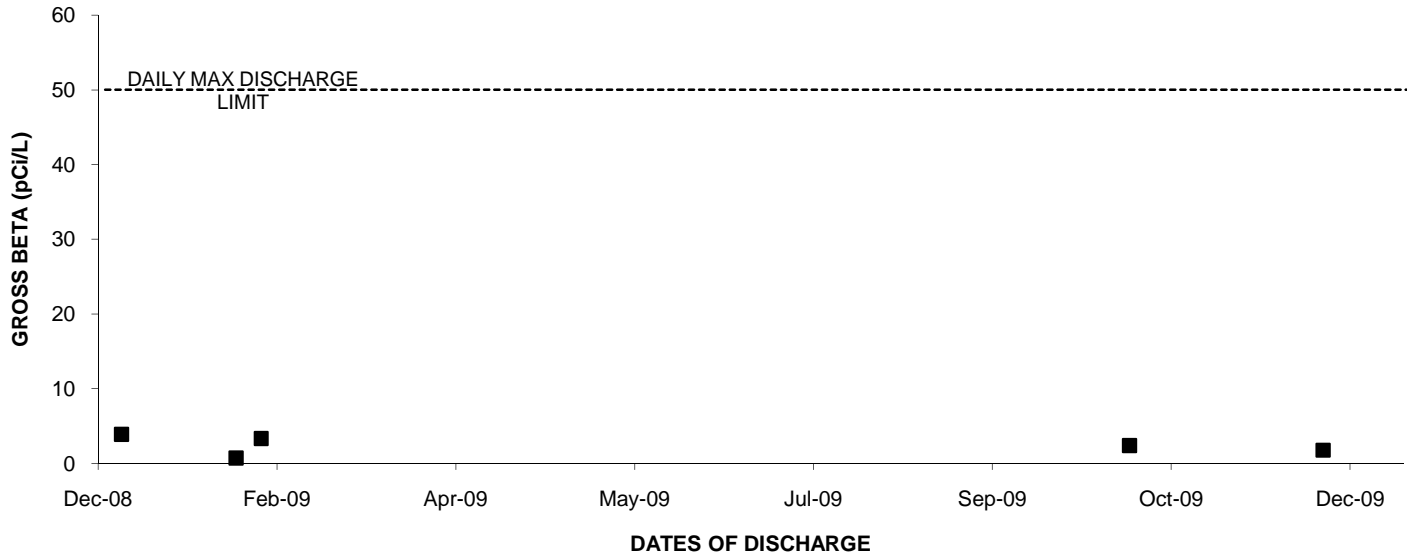
### 2009: OUTFALL 009 CESIUM 137



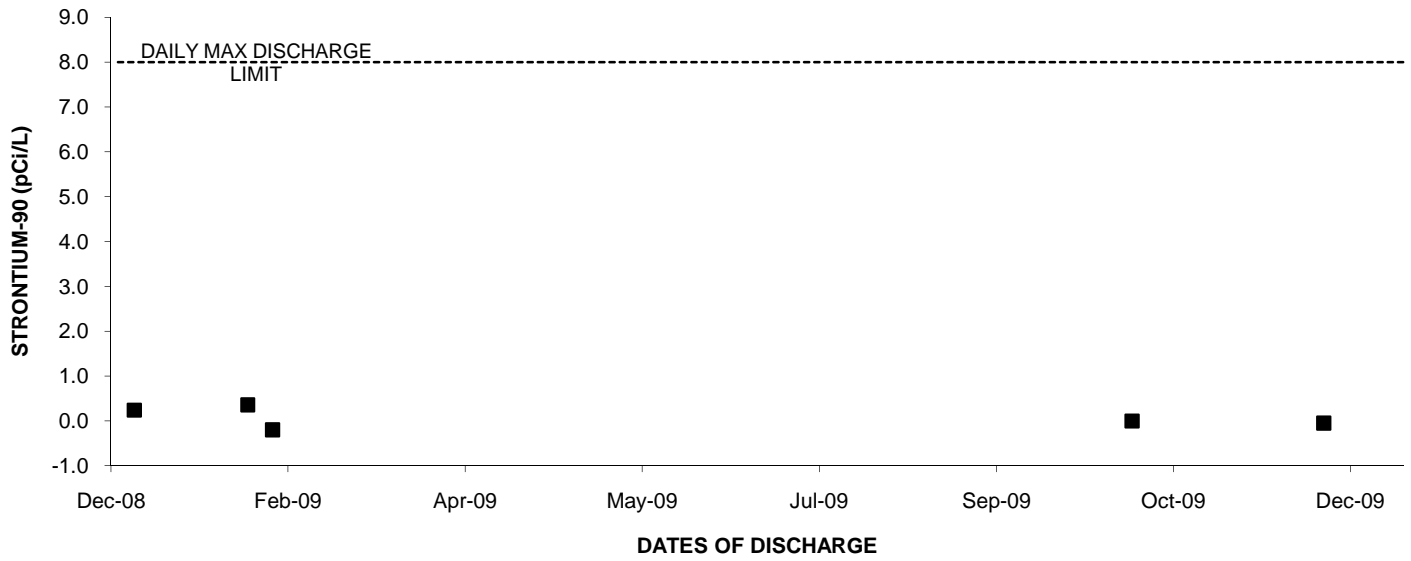
### 2009: OUTFALL 009 GROSS ALPHA



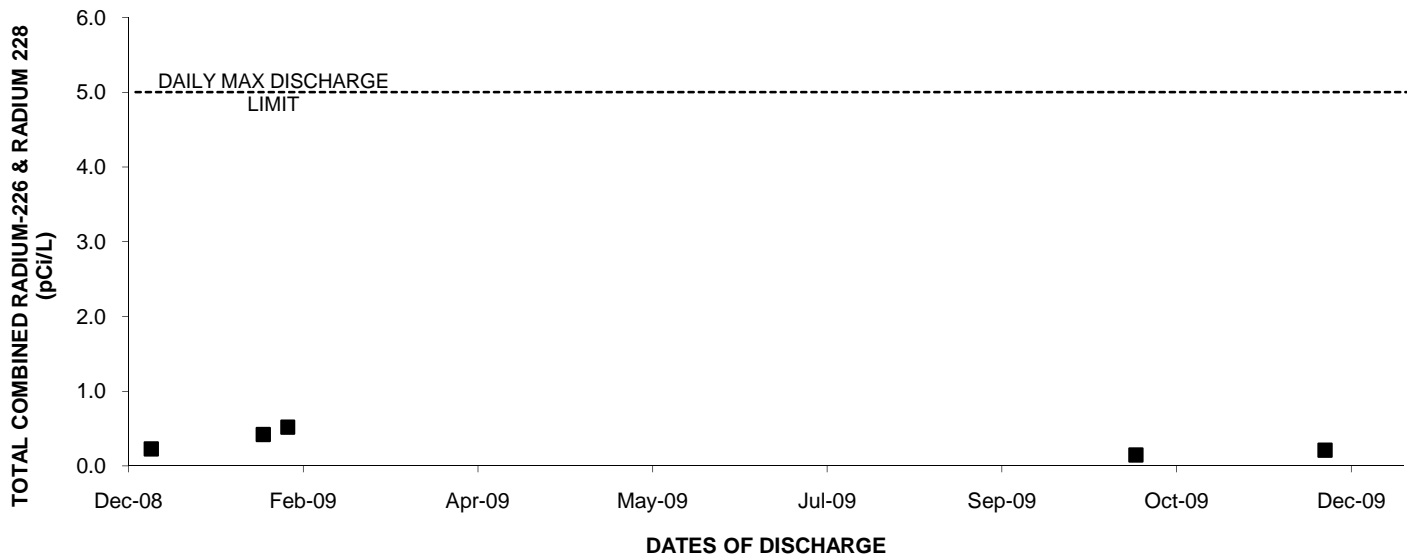
### 2009: OUTFALL 009 GROSS BETA



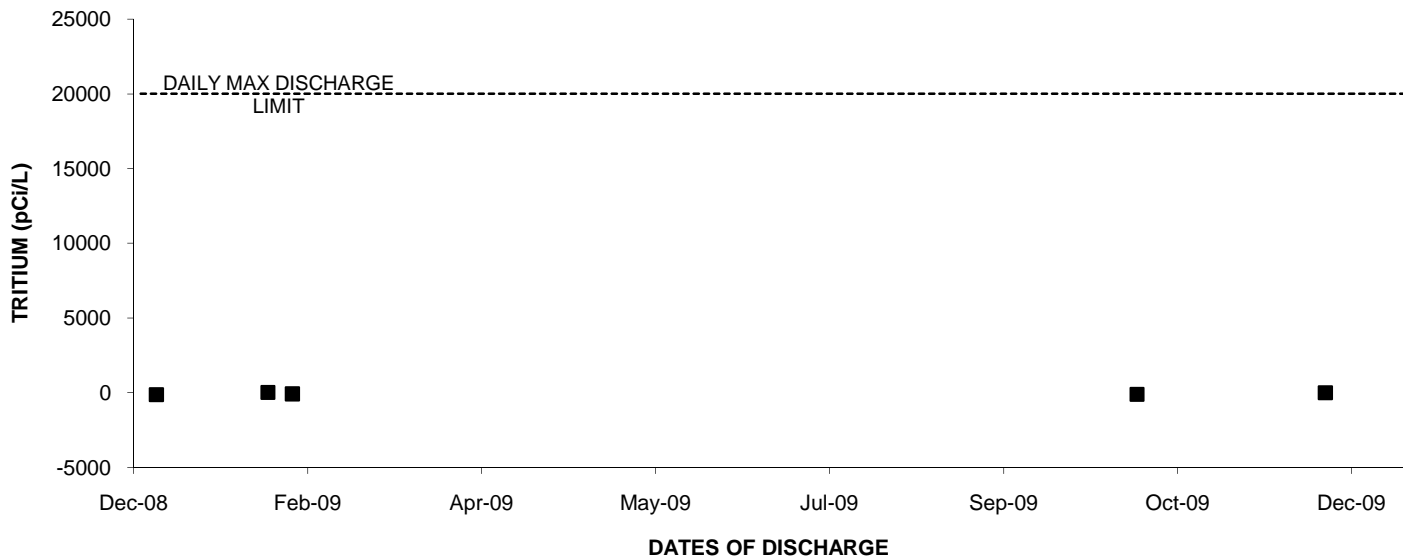
### 2009: OUTFALL 009 STRONTIUM-90



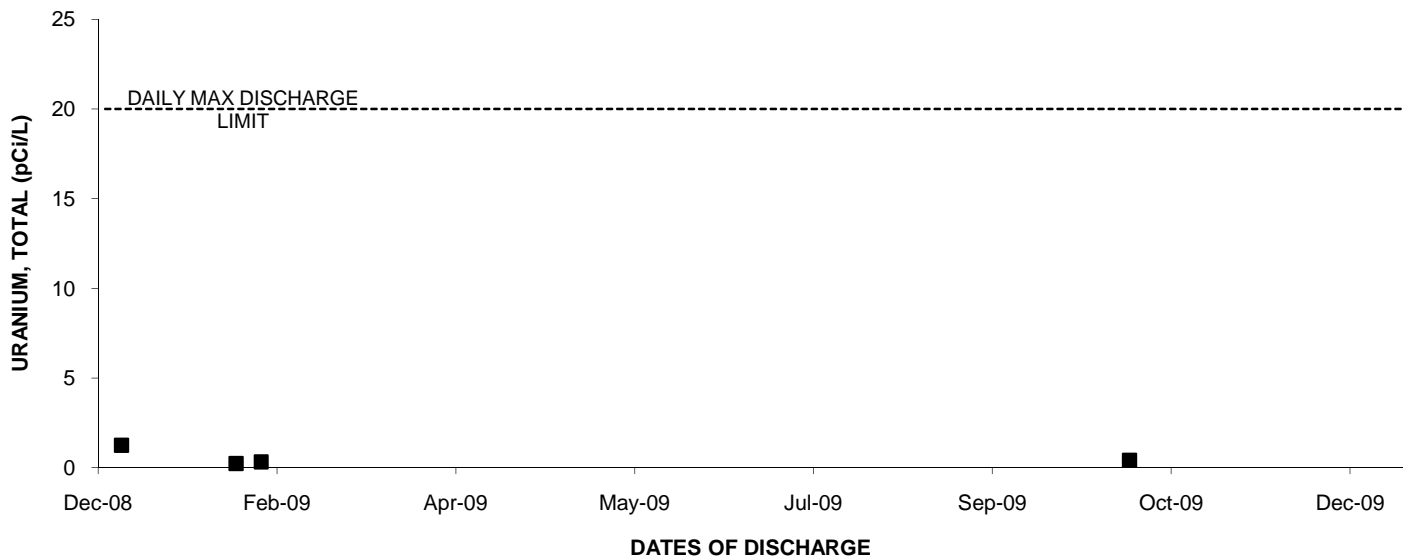
### 2009: OUTFALL 009 TOTAL COMBINED RADIUM-226 & RADIUM 228



2009: OUTFALL 009 TRITIUM



2009: OUTFALL 009 URANIUM, TOTAL





2009: Outfall 009TCDD

