

**OUTFALL 010 (Building 203)**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD M1rY**



**OUTFALL 010 (Building 203)**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/5/2008		1/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
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
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-1232g/L	-/-	ANR	ANR	ANR	ANR	ANR
Aroclor-1232g/L	ANR	ANR	ANR	ANR	ANR	ANR

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January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/5/2008		1/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
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/-	1.0	*	1.0	*
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
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

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NPDES PERMIT CA0001309**

January 1 through December 31, 2008

<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit Daily Max/Monthly Avg</b>
Chloride	mg/L	150/-
Fluoride	mg/L	1.6/-
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-
Oil & Grease	mg/L	15/-
Perchlorate	ug/L	6.0/-
pH (Field)	pH units	6.5-8.5/-
Sulfate	mg/L	250/-
Temperature	deg. F	86/-
Total Cyanide	ug/L	-/-
Total Dissolved Solids	mg/L	850/-
Hardness	mg/L	-/-
Hardness, dissolved	mg/L	-/-
Total Suspended Solids	mg/L	-/-
Volume Discharged	MGD	17.8/-
<b>METALS</b>		
Aluminum	ug/L	-/-
Aluminum, dissolved	ug/L	-/-
Antimony	ug/L	6.0/-
Antimony, dissolved	ug/L	-/-
Arsenic	ug/L	-/-
Arsenic, dissolved	ug/L	-/-
Beryllium	ug/L	-/-
Beryllium, dissolved	ug/L	-/-
Boron	mg/L	1.0/-
Boron, dissolved	mg/L	-/-
Cadmium	ug/L	4.0/-
Cadmium, dissolved	ug/L	-/-
Calcium	mg/L	-/-
Calcium, Dissolved	mg/L	-/-
Chromium	ug/L	-/-
Chromium, dissolved	ug/L	-/-
Copper	ug/L	14.0/-
Copper, dissolved	ug/L	-/-
Iron	mg/L	-/-
Iron, dissolved	mg/L	-/-
Lead	ug/L	5.2/-
Lead, dissolved	ug/L	-/-
Magnesium	mg/L	-/-
Magnesium, Dissolved	mg/L	-/-
Mercury	ug/L	0.13/-
Mercury, dissolved	ug/L	-/-
Nickel	ug/L	100/-
Nickel, dissolved	ug/L	-/-
Selenium	ug/L	-/-
Selenium, dissolved	ug/L	-/-

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<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit Daily Max/Monthly Avg</b>
Silver	ug/L	-/-
Silver, dissolved	ug/L	-/-
Thallium	ug/L	2.0/-
Thallium, dissolved	ug/L	-/-
Vanadium	ug/L	-/-
Vanadium, dissolved	ug/L	-/-
Zinc	ug/L	-/-
Zinc, dissolved	ug/L	-/-
<b>ORGANICS</b>		





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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Butylbenzylphthalate	ug/L	-/-	ND < 3.8	*	ANR	ANR
Chlordane	ug/L	-/-	ND < 0.028	*	ANR	ANR
Chlorobenzene	ug/L	-/-	ND < 0.36	*	ANR	ANR
Chloroethane	ug/L	-/-	ND < 0.40	*	ANR	ANR
Chloromethane	ug/L	-/-	ND < 0.40	*	ANR	ANR
Chlorpyrifos	ug/L	-/-	ND < 0.10	U	ANR	ANR
Chronic Toxicity	TUC	1.0/-	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ND < 2.4	*	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ND < 0.22	*	ANR	ANR
delta-BHC	ug/L	-/-	ND < 0.0033	*	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Dibenzofuran	ug/L	-/-	ND < 3.8	*	ANR	ANR
Dibromochloromethane	ug/L	-/-	ND < 0.28	*	ANR	ANR
Dieldrin	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Diethylphthalate	ug/L	-/-	ND < 3.3	*	ANR	ANR
Dimethylphthalate	ug/L	-/-	ND < 1.9	*	ANR	ANR
Di-n-butylphthalate	ug/L	-/-	ND < 2.8	*	ANR	ANR
Di-n-octylphthalate	ug/L	-/-	ND < 3.3	*	ANR	ANR
Endosulfan I	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endosulfan II	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Endosulfan sulfate	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Endrin	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endrin aldehyde	ug/L	-/-	ND < 0.0019	*	ANR	ANR
Endrin ketone	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Fluoranthene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Fluorene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Heptachlor	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Heptachlor epoxide	ug/L	-/-	ND < 0.0024	*	ANR	ANR
Hexachlorobenzene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Hexachlorobutadiene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Hexachlorocyclopentadiene	ug/L	-/-	ND < 4.7	*	ANR	ANR
Hexachloroethane	ug/L	-/-	ND < 3.3	*	ANR	ANR
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ND < 3.3	*	ANR	ANR
Isophorone	ug/L	-/-	ND < 2.4	*	ANR	ANR
Lindane (gamma-BHC)	ug/L	-/-	ND < 0.0028	*	ANR	ANR
Methoxychlor	ug/L	-/-	ND < 0.0033	*	ANR	ANR
Methylene Chloride	ug/L	-/-	ND < 0.95	*	ANR	ANR
m-Nitroaniline	ug/L	-/-	ND < 2.8	*	ANR	ANR
Naphthalene	ug/L	-/-	ND < 2.8	*	ANR	ANR
Nitrobenzene	ug/L	-/-	ND < 2.4	*	ANR	ANR
n-Nitrosodimethylamine	ug/L	-/-	ND < 2.4	*	ANR	ANR
n-Nitroso-di-n-propylamine	ug/L	-/-	ND < 3.3	*	ANR	ANR
n-Nitrosodiphenylamine	ug/L	-/-	ND < 1.9	*	ANR	ANR
o-Nitroaniline	ug/L	-/-	ND < 1.9	*	ANR	ANR
p-Cresol	ug/L	-/-	ND < 2.8	*	ANR	ANR
Pentachlorophenol	ug/L	-/-	ND < 3.3	*	ANR	ANR

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January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/3/2008		2/22/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
Phenanthrene	ug/L	-/-	ND < 3.3	*	ANR	ANR
Phenol	ug/L	-/-	ND < 1.9	*	ANR	ANR
p-Nitroaniline	ug/L	-/-	ND < 3.8	*	ANR	ANR
Pyrene	ug/L	-/-	ND < 3.8	*	ANR	ANR
Toxaphene	ug/L	-/-	ND < 0.066	*	ANR	ANR
trans-1,2-Dichloroethene	ug/L	-/-	ND < 0.27	*	ANR	ANR
trans-1,3-Dichloropropene	ug/L	-/-	ND < 0.32	*	ANR	ANR

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<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit Daily Max/Monthly Avg</b>
Chloride	mg/L	150/-
Fluoride	mg/L	1.6/-
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-
Oil & Grease	mg/L	15/-
Perchlorate	ug/L	6.0/-
pH (Field)	pH units	6.5-8.5/-
Sulfate	mg/L	250/-
Temperature	deg. F	86/-
Total Cyanide	ug/L	-/-
Total Dissolved Solids	mg/L	850/-
Hardness	mg/L	-/-
Hardness, dissolved	mg/L	-/-
Total Suspended Solids	mg/L	-/-

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<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit Daily Max/Monthly Avg</b>
Silver	ug/L	-/-
Silver, dissolved	ug/L	-/-
Thallium	ug/L	2.0/-
Thallium, dissolved	ug/L	-/-
Vanadium	ug/L	-/-
Vanadium, dissolved	ug/L	-/-
Zinc	ug/L	-/-
Zinc, dissolved	ug/L	-/-
<b>ORGANICS</b>		
Benzene	ug/L	-/-
Carbon Tetrachloride	ug/L	-/-
Chloroform	ug/L	-/-
1,1-Dichloroethane	ug/L	-/-
1,2-Dichloroethane	ug/L	-/-
1,1-Dichloroethene	ug/L	-/-
Ethylbenzene	ug/L	-/-
Tetrachloroethene	ug/L	-/-
Toluene	ug/L	-/-
Xylenes (Total)	ug/L	-/-
1,1,1-Trichloroethane	ug/L	-/-
1,1,2-Trichloroethane	ug/L	-/-
Trichloroethene	ug/L	-/-
Trichlorofluoromethane	ug/L	-/-
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-

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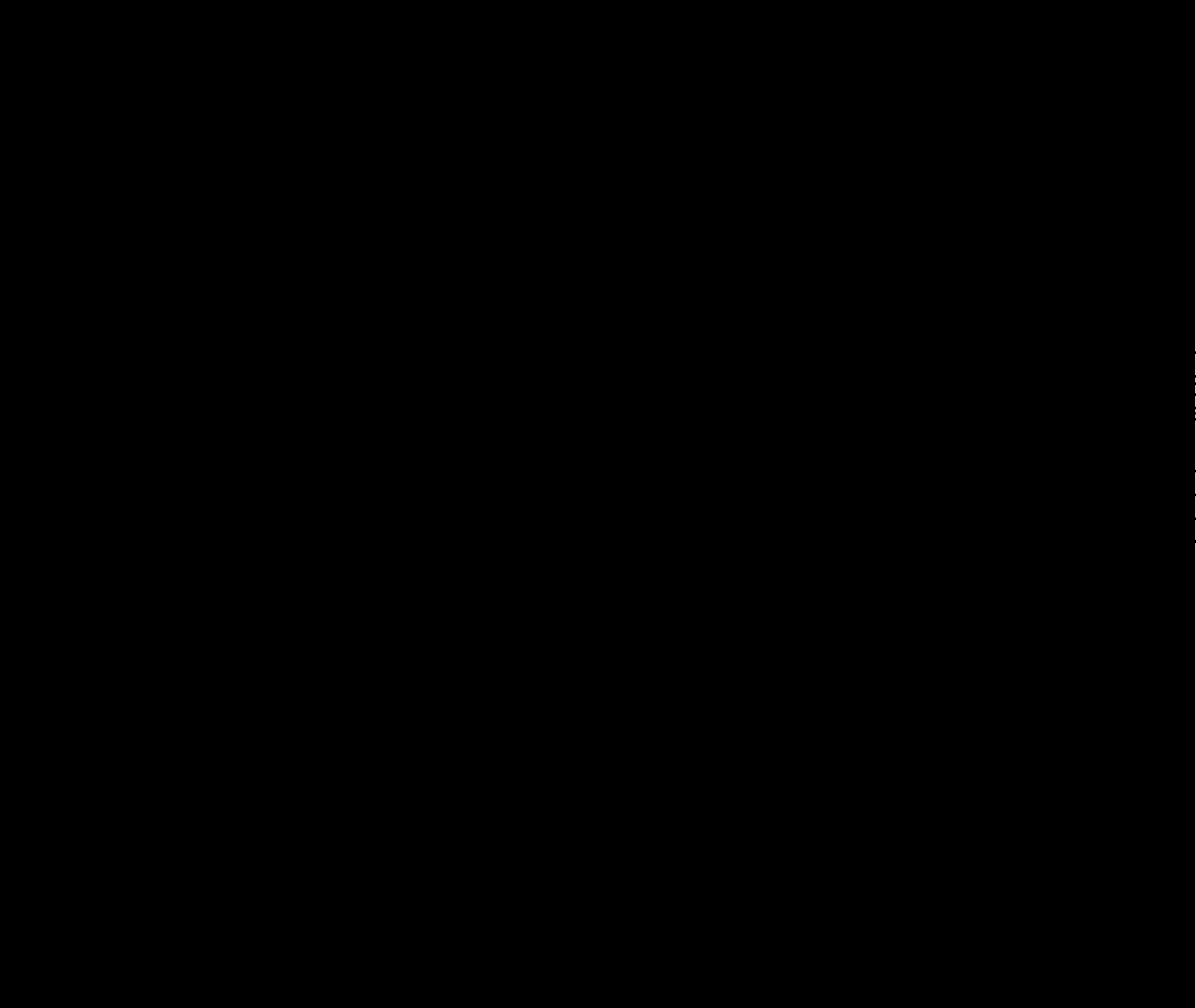
ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	11/26/2008		12/15/2008	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	ANR
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	ANR
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
Benzidine	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

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NPDES PERMIT CA0001309**

January 1 through December 31, 2008

<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit Daily Max/Monthly Avg</b>
Butylbenzylphthalate	ug/L	-/-
Chlordane	ug/L	-/-
Chlorobenzene	ug/L	-/-
Chloroethane	ug/L	-/-
Chloromethane	ug/L	-/-
Chlorpyrifos	ug/L	-/-
Chronic Toxicity	TUC	1.0/-
Chrysene	ug/L	-/-
cis-1,3-Dichloropropene	ug/L	-/-
delta-BHC	ug/L	-/-
Dibenzo(a,h)anthracene	ug/L	-/-
Dibenzofuran	ug/L	-/-
Dibromochloromethane	ug/L	-/-
Dieldrin	ug/L	-/-
Diethylphthalate	ug/L	-/-
Dimethylphthalate	ug/L	-/-
Di-n-butylphthalate	ug/L	-/-
Di-n-octylphthalate	ug/L	-/-
Endosulfan I	ug/L	-/-
Endosulfan II	ug/L	-/-
Endosulfan sulfate	ug/L	-/-
Endrin	ug/L	-/-
Endrin aldehyde	ug/L	-/-
Endrin ketone	ug/L	-/-
Fluoranthene	ug/L	-/-
Fluorene	ug/L	-/-
Heptachlor	ug/L	-/-
Heptachlor epoxide	ug/L	-/-
Hexachlorobenzene	ug/L	-/-
Hexachlorobutadiene	ug/L	-/-
Hexachlorocyclopentadiene	ug/L	-/-
Hexachloroethane	ug/L	-/-
Indeno(1,2,3-cd)pyrene	ug/L	-/-
Isophorone	ug/L	-/-
Lindane (gamma-BHC)	ug/L	-/-
Methoxychlor	ug/L	-/-
Methylene Chloride	ug/L	-/-
m-Nitroaniline	ug/L	-/-
Naphthalene	ug/L	-/-
Nitrobenzene	ug/L	-/-
n-Nitrosodimethylamine	ug/L	-/-
n-Nitroso-di-n-propylamine	ug/L	-/-
n-Nitrosodiphenylamine	ug/L	-/-



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January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	2/22/2008			11/26/2008			12/15/2008		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
<b>RADIOACTIVITY</b>											
Gross Alpha	pCi/L	15/-	0.598 ± 0.91	1.3	UJ (R)	2.4 ± 1.3	1.5	J (H,C, DNQ)	0.39 ± 0.91	1.6	UJ (R)
Gross Beta	pCi/L	50/-	8.04 ± 1.3	1.8	--	17.3 ± 2.1	1.2	J (H)	4.51 ± 0.96	0.94	--
Strontium-90	pCi/L	8.0/-	0.074 ± 0.44	1.0	UJ (H)	-0.10 ± 0.33	0.58	UJ (H)	0.22 ± 0.45	0.76	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	-0.095 ± 0.46	1.25	UJ (H)	0.603 ± 0.79	1.43	UJ (H)	-0.022 ± 0.264	0.55	UJ (L, *III)
Tritium	pCi/L	20000/-	-14.5 ± 86	150	U	-90 ± 160	290	U	10 ± 190	340	U
Uranium, Total	pCi/L	20/-	0.377 ± 0.044	0.023	J (H)	0.524 ± 0.054	0.21	J (H, DNQ)	0.156 ± 0.016	0.21	U
Potassium-40	pCi/L	----	ND < 38	38	UJ (H)	-100 ± 710	290	UJ (H)	-90 ± 590	250	UJ (H)
Cesium 137	pCi/L	----	ND < 1.3	1.3	UJ (H)	-1.1 ± 9.5	17	UJ (H)	-1.1 ± 8.5	16	UJ (H)

**OUTFALL 010 (Building 203)**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

<b>ANALYTE</b>	<b>UNITS</b>	<b>Permit Limit</b>	<b>1/5/2008</b>	<b>2/3/2008</b>	<b>11/26/2008</b>
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**OUTFALL 010 (Building 203)**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY**

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-1 1/4/2008 7:45:00 PM</b>	<b>010 EFF-1 1/22/2008 4:19:00 AM</b>	<b>010 EFF-1 2/5/2008 11:50:00 AM</b>	<b>010 EFF-1 2/22/2008 12:26:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	1.0*	1.0*	1.0*	0.99*
Sediment	mg/L	66*	ND <10*	ND <10*	ND <10*
Total Suspended Solids	mg/L	66*	--	--	--

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-2 1/4/2008 8:45:00 PM</b>	<b>010 EFF-2 1/22/2008 5:19:00 AM</b>	<b>010 EFF-2 2/22/2008 1:26:00 AM</b>	<b>010 EFF-3 1/4/2008 9:45:00 PM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	1.0*	1.0*	0.99*	1.0*
Sediment	mg/L	39*	ND <10*	25*	44*
Total Suspended Solids	mg/L	39*	--	--	44*

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

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THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-3 1/22/2008 6:19:00 AM</b>	<b>010 EFF-3 2/22/2008 2:26:00 AM</b>	<b>010 EFF-4 1/4/2008 10:45:00 PM</b>	<b>010 EFF-4 1/22/2008 7:19:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	0.99*	0.99*	1.0*	0.99*
Sediment	mg/L	ND <10*	23*	22*	ND <10*
Total Suspended Solids	mg/L	--	--	22*	--

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-4 2/22/2008 3:26:00 AM</b>	<b>010 EFF-5 1/4/2008 11:45:00 PM</b>	<b>010 EFF-5 1/22/2008 8:19:00 AM</b>	<b>010 EFF-5 2/22/2008 4:26:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	0.99*	1.0*	0.99*	0.99*
Sediment	mg/L	ND <10*	22*	ND <10*	ND <10*
Total Suspended Solids	mg/L	--	22*	--	--

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-6 1/5/2008 12:45:00 AM</b>	<b>010 EFF-6 1/22/2008 9:19:00 AM</b>	<b>010 EFF-6 2/22/2008 5:26:00 AM</b>	<b>010 EFF-7 1/5/2008 1:45:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	1.0*	0.99*	0.99*	1.0*
Sediment	mg/L	12*	ND <10*	ND <10*	10*
Total Suspended Solids	mg/L	12*	--	--	10*

**OUTFALL 010 (Building 203)  
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THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-7 1/22/2008 10:19:00 AM</b>	<b>010 EFF-7 2/22/2008 6:26:00 AM</b>	<b>010 EFF-8 1/5/2008 2:45:00 AM</b>	<b>010 EFF-8 1/22/2008 11:19:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	0.99*	0.99*	1.0*	0.99*
Sediment	mg/L	ND <10*	ND <10*	10*	ND <10*
Total Suspended Solids	mg/L	--	--	10*	--

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**



**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-10 1/5/2008 4:45:00 AM</b>	<b>010 EFF-10 2/22/2008 9:26:00 AM</b>	<b>010 EFF-11 1/5/2008 5:45:00 AM</b>	<b>010 EFF-11 2/22/2008 10:26:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	1.0*	0.98*	1.0*	0.99*
Sediment	mg/L	ND <10*	ND <10*	ND <10*	ND <10*
Total Suspended Solids	mg/L	ND <10*	--	ND <10*	--

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-12 1/5/2008 6:45:00 AM</b>	<b>010 EFF-12 2/22/2008 11:26:00 AM</b>	<b>010 EFF-13 1/5/2008 7:45:00 AM</b>	<b>010 EFF-14 1/5/2008 8:45:00 AM</b>	<b>010 EFF-15 1/5/2008 9:45:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>					
Density	g/cc	0.99*	1.0*	1.0*	1.0*	1.0*
Sediment	mg/L	ND <10*	ND <10*	ND <10*	ND <10*	ND <10*
Total Suspended Solids	mg/L	ND <10*	--	ND <10*	ND <10*	ND <10*

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

**January 1 through December 31, 2008**

		<b>010 EFF-16 1/5/2008 10:45:00 AM</b>	<b>010 EFF-17 1/5/2008 11:45:00 AM</b>	<b>010 EFF-1 11/26/2008 9:15:00 AM</b>	<b>010 EFF-1 12/15/2008 7:30:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	1.0*	1.0*	0.99*	0.99*
Sediment	mg/L	ND <10*	ND <10*	ND <10*	ND <10*
Total Suspended Solids	mg/L	ND <10*	ND <10*	--	--

See attached notes for abbreviations, definitions

**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

January 1 through December 31, 2008

		<b>010 EFF-2</b>	<b>010 EFF-3</b>	<b>010 EFF-4</b>	<b>010 EFF-5</b>
		<b>12/15/2008 8:30:00 AM</b>	<b>12/15/2008 9:30:00 AM</b>	<b>12/15/2008 10:30:00 AM</b>	<b>12/15/2008 11:30:00 AM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	0.98*	0.98*	0.98*	0.99*
Sediment	mg/L	ND <10*	ND <10*	10*	ND <10*
Total Suspended Solids	mg/L	--	--	--	--

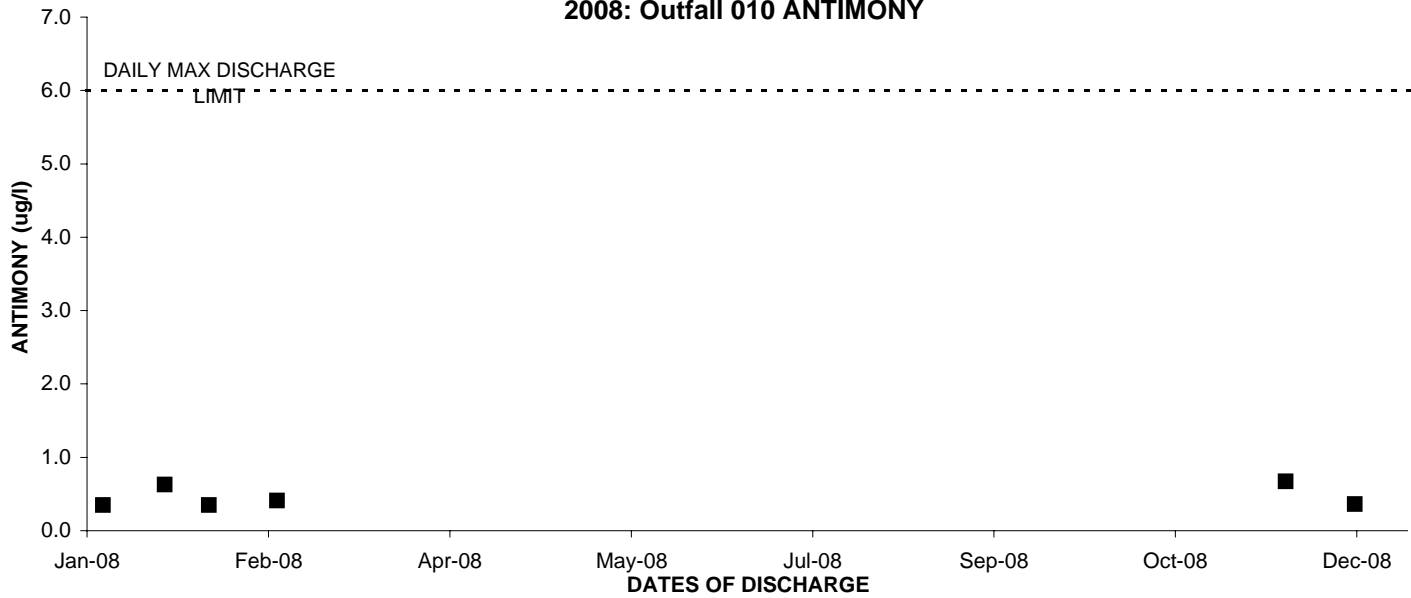
**OUTFALL 010 (Building 203)  
BMP EFFECTIVENESS**

**ANNUAL 2008 REPORTING SUMMARY  
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
NPDES PERMIT CA0001309**

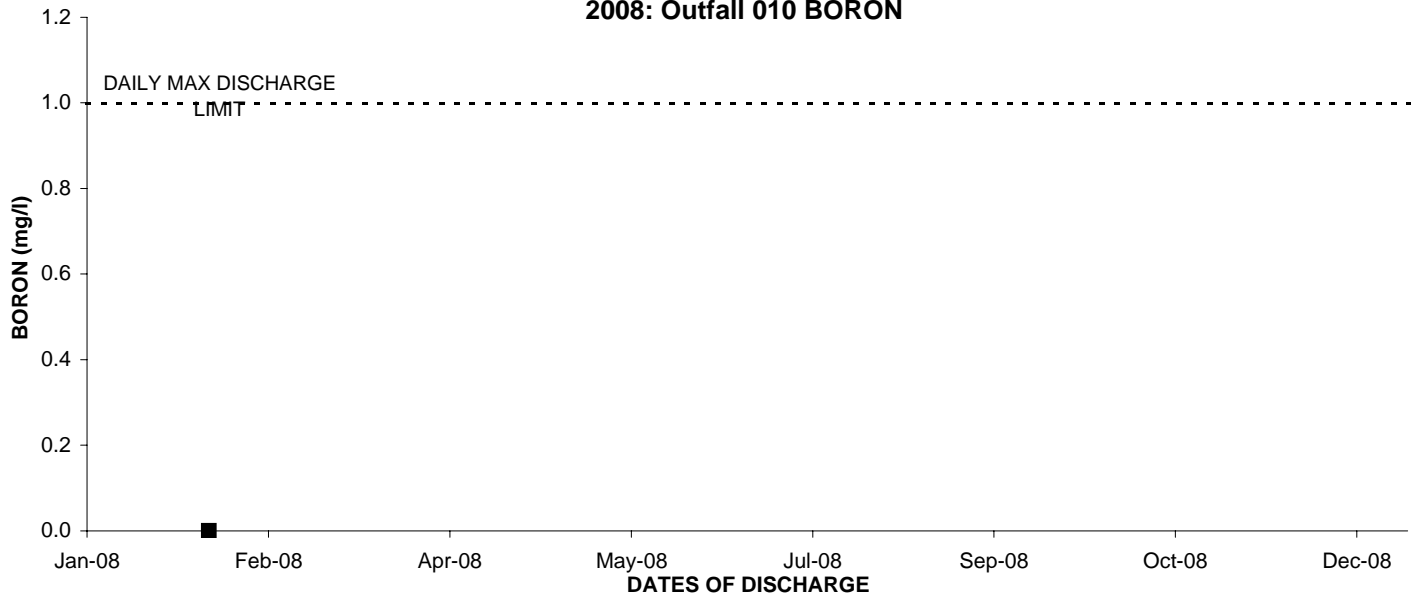
**January 1 through December 31, 2008**

		<b>010 EFF-6</b>	<b>010 EFF-7</b>	<b>010 EFF-8</b>	<b>010 EFF-9</b>
		<b>12/15/2008 12:30:00 PM</b>	<b>12/15/2008 1:30:00 PM</b>	<b>12/15/2008 2:30:00 PM</b>	<b>12/15/2008 3:30:00 PM</b>
<b>ANALYTE</b>	<b>UNITS</b>				
Density	g/cc	0.98*	0.99*	0.98*	0.97*
Sediment	mg/L	ND <10*	ND <10*	ND <10*	ND <10*
Total Suspended Solids	mg/L	--	--	--	--

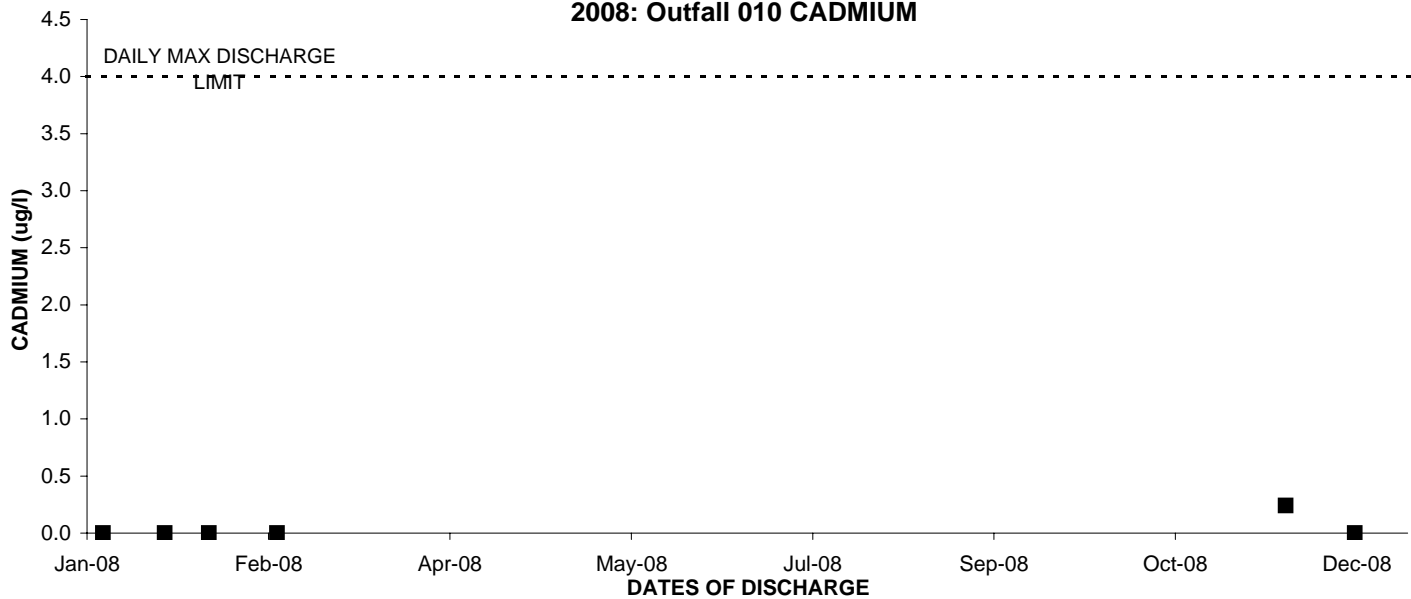
### 2008: Outfall 010 ANTIMONY



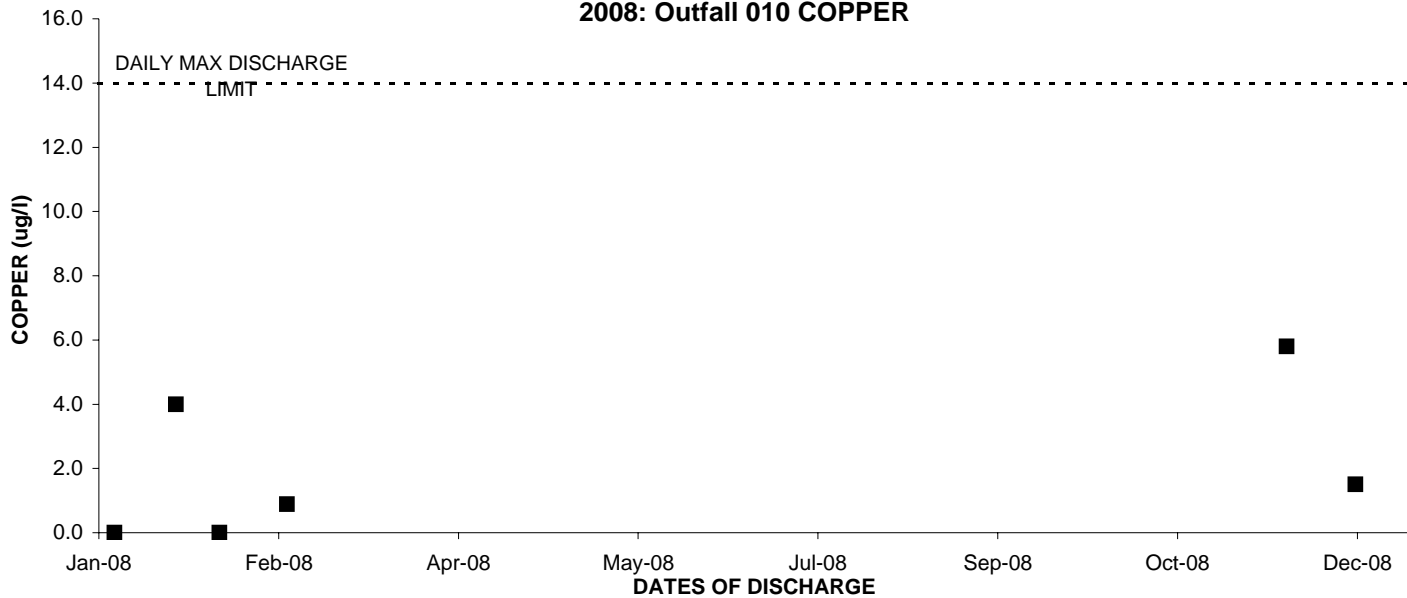
### 2008: Outfall 010 BORON



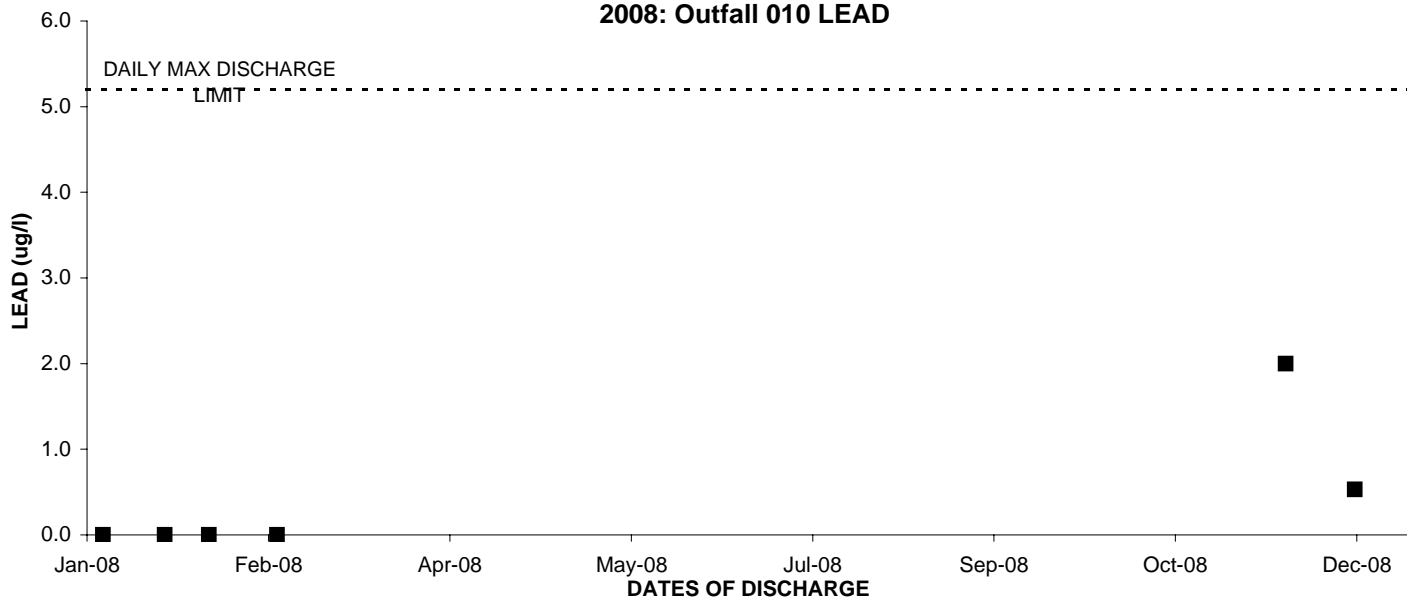
### 2008: Outfall 010 CADMIUM



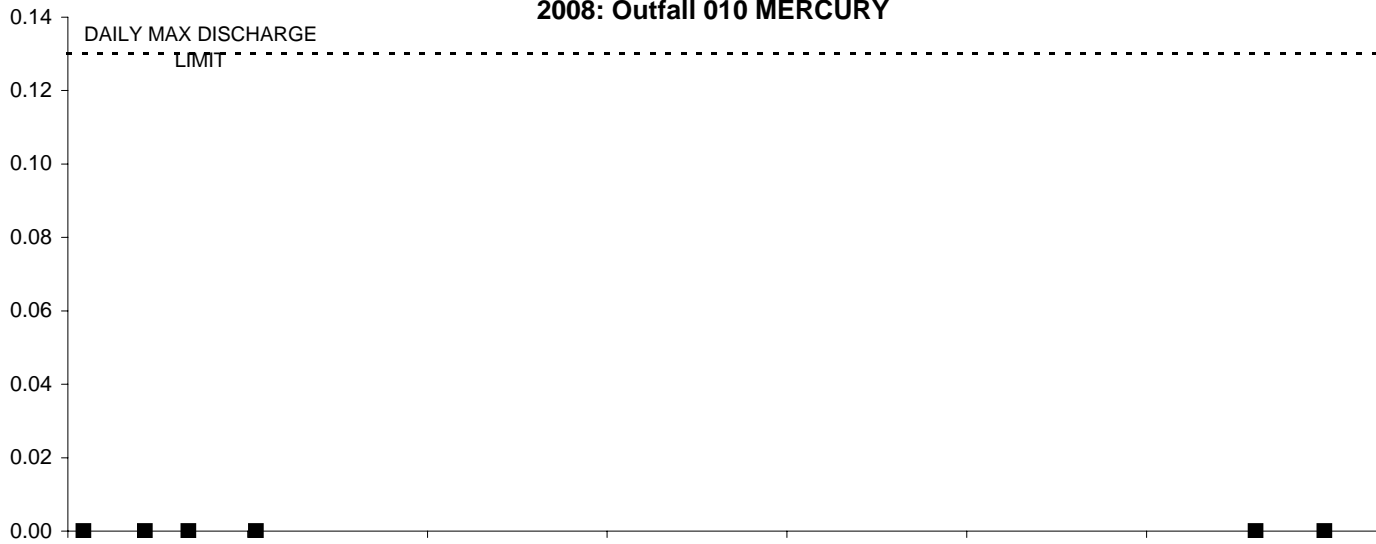
### 2008: Outfall 010 COPPER



### 2008: Outfall 010 LEAD

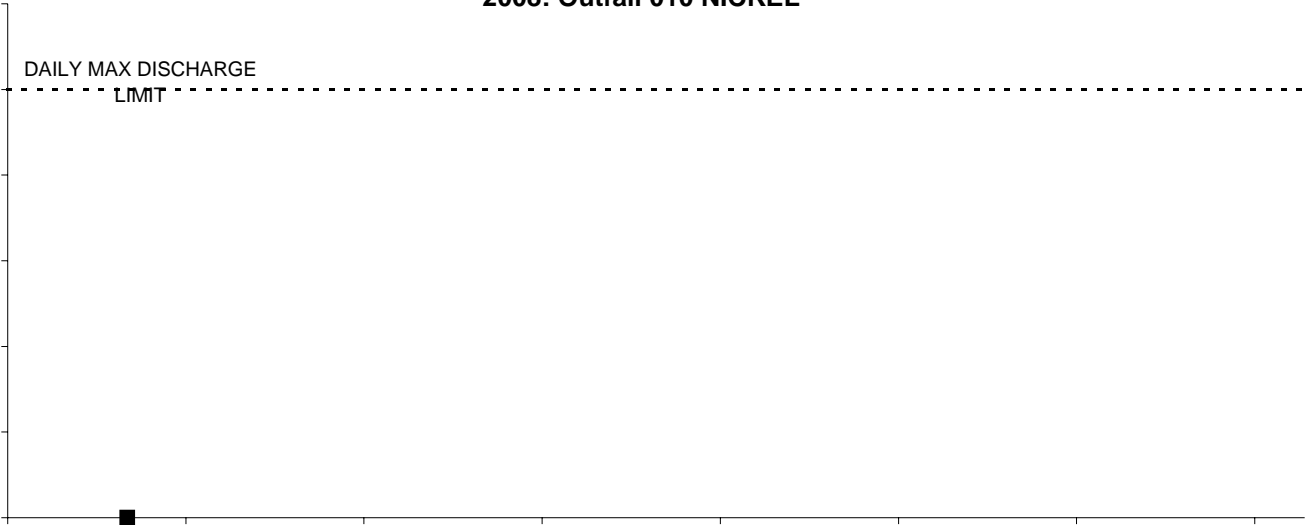


### 2008: Outfall 010 MERCURY



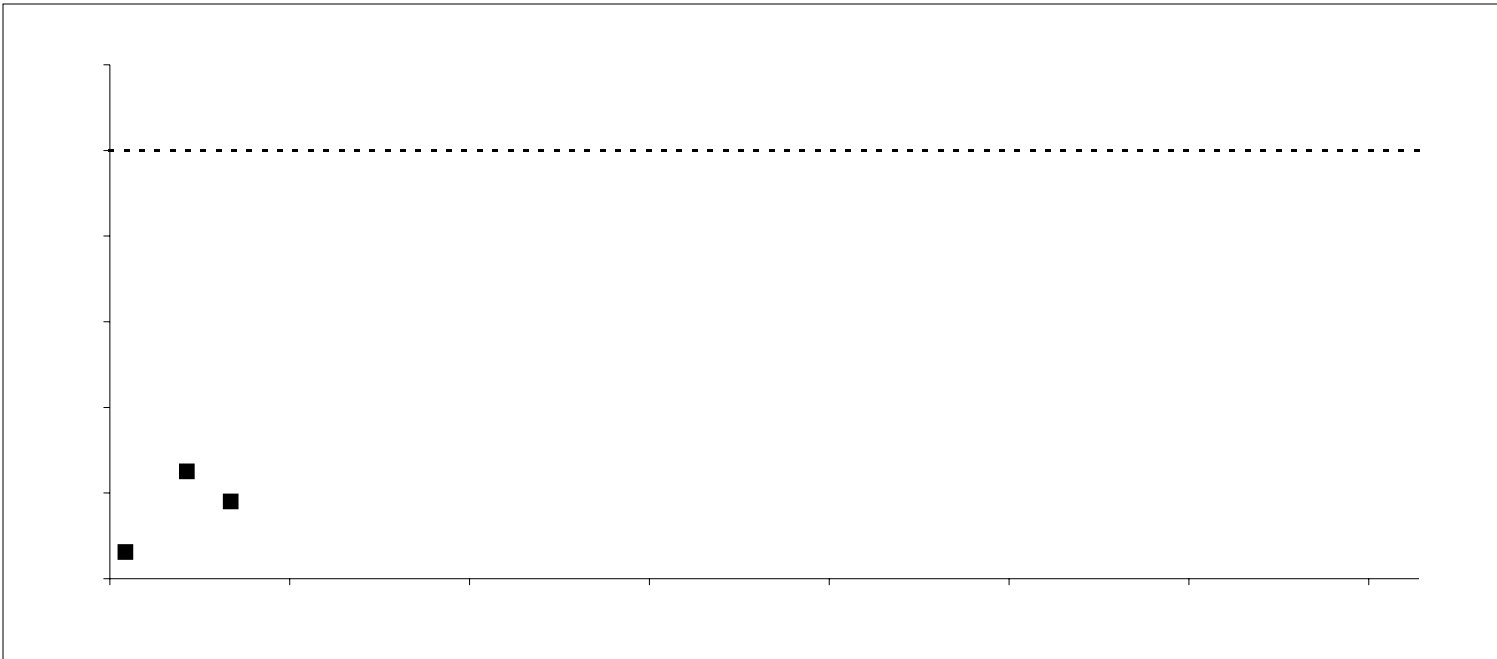
2008: Outfall 010 NICKEL

DAILY MAX DISCHARGE  
LIMIT

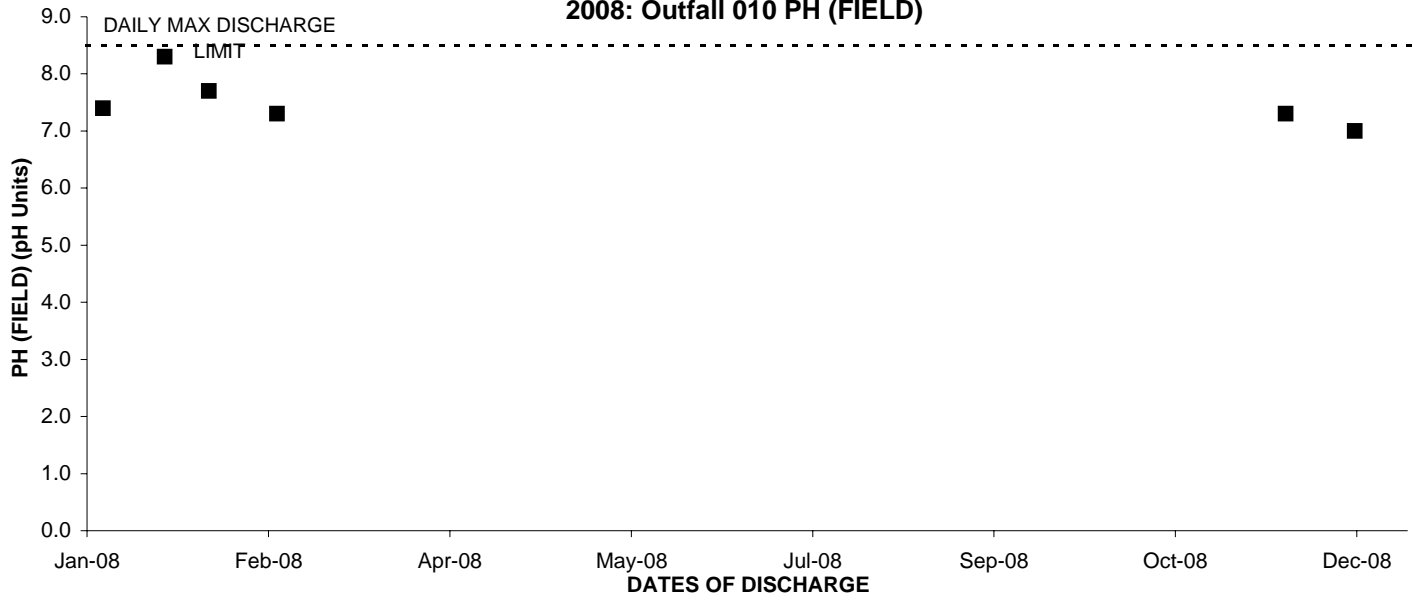




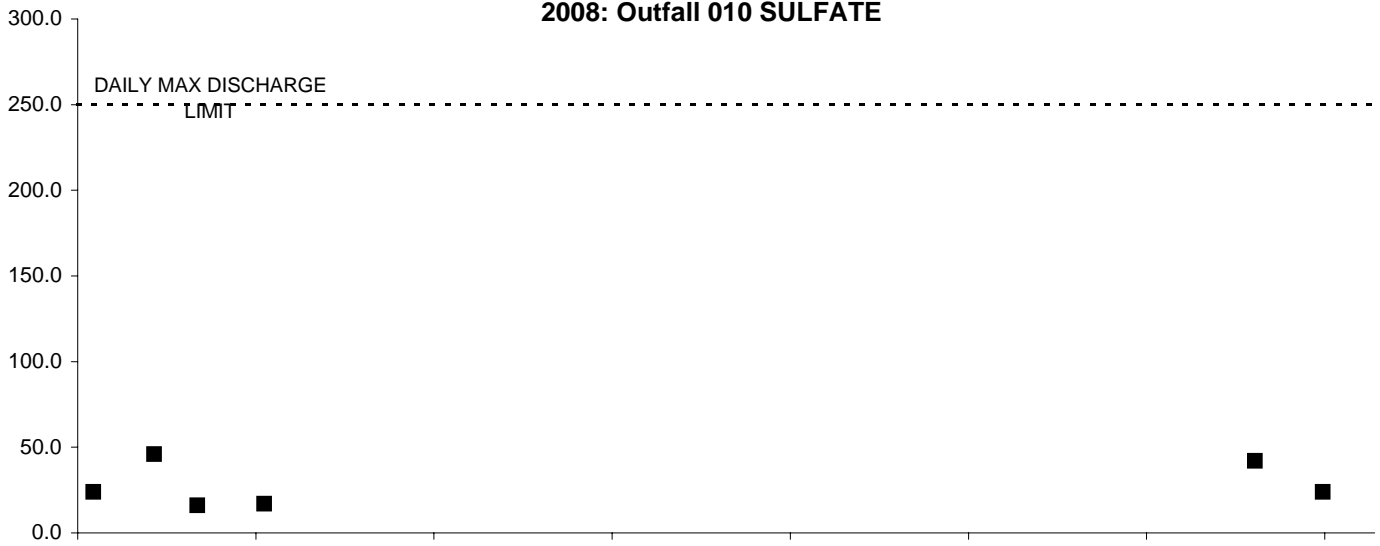




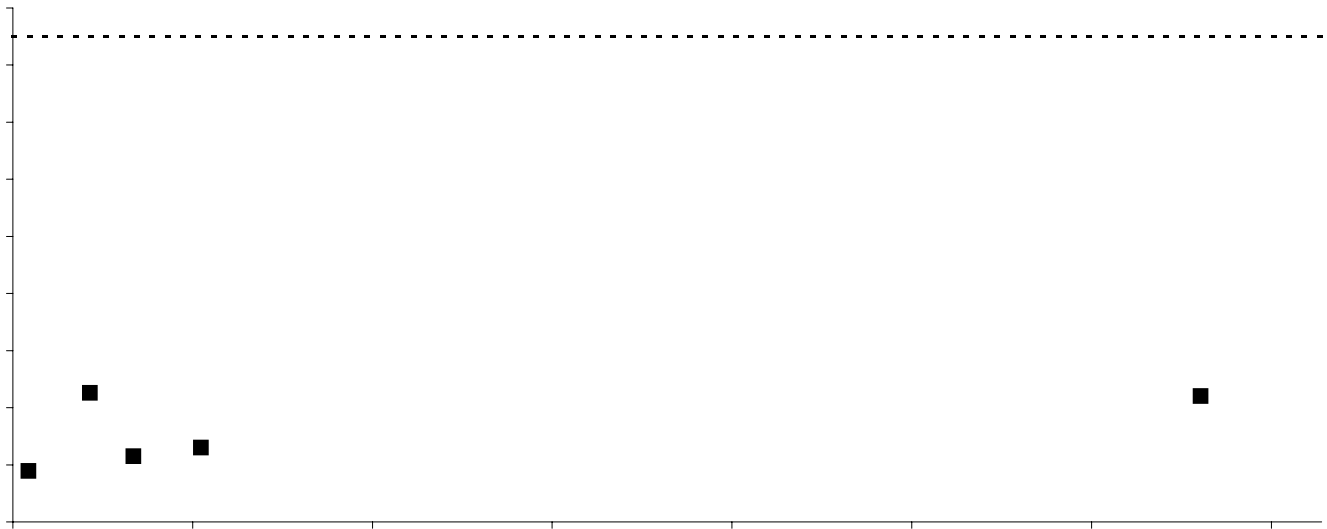
### 2008: Outfall 010 PH (FIELD)



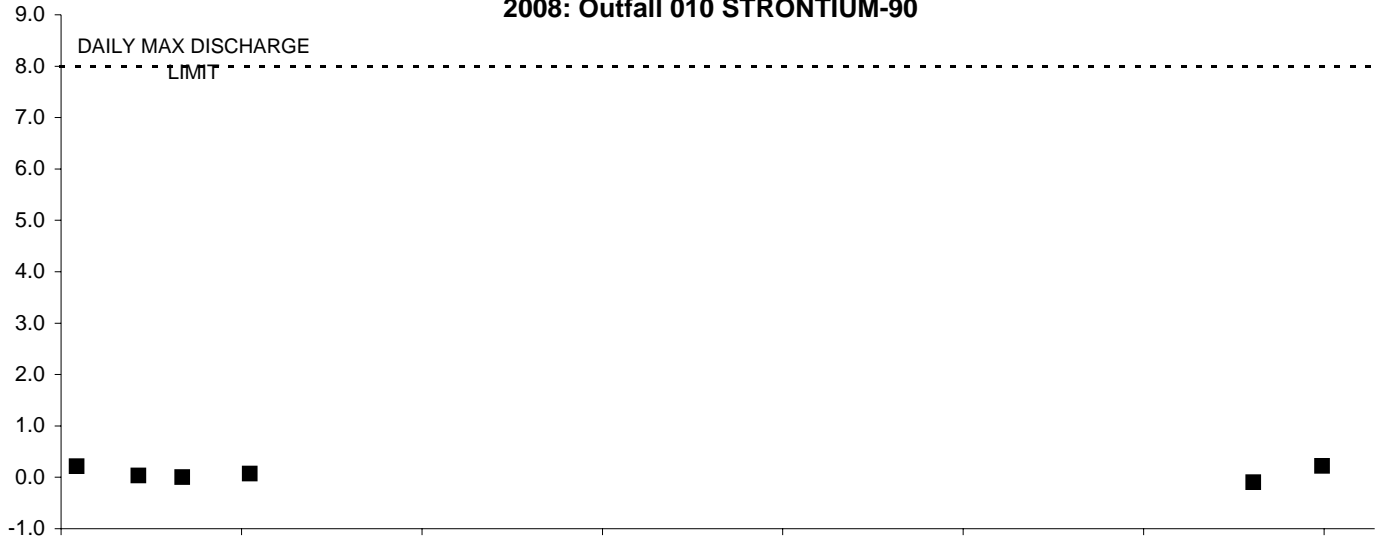
### 2008: Outfall 010 SULFATE



### 2008: Outfall 010 TOTAL DISSOLVED SOLIDS



2008: Outfall 010 STRONTIUM-90



2008: Outfall 010 URANIUM, TOTAL

