

SECTION 7

OUTFALL 010 (BUILDING 203)
ANNUAL 2010 REPORTING SUMMARY

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OUTFALL 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	01/18/2010-01/19/2010			02/05/2010-02/06/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	Comp	6.8	*	Comp	7.3	--
Fluoride	mg/L	1.6/-	ANR	ANR	ANR	Comp	0.20	--
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	Comp	0.71	*	Comp	0.59	--
Oil & Grease	mg/L	15/-	Grab	ND < 1.3	*	Grab	ND < 1.4	U
Perchlorate	ug/L	6.0/-	ANR	ANR	ANR	Comp	ND < 0.90	U
pH (Field)	pH units	6.5-8.5/-	Grab	6.8	*	Grab	7.0	*
Sulfate	mg/L	250/-	Comp	5.2	*	Comp	7.4	--
Temperature	deg. F	86/-	Grab	53	*	Grab	52	*
Total Cyanide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.2	U
Total Dissolved Solids	mg/L	850/-	Comp	100	*	Comp	160	--
Hardness	mg/L	-/-	ANR	ANR	ANR	Comp	89	--
Hardness, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	72	--
Total Suspended Solids	mg/L	-/-	ANR	ANR	ANR	Comp	73	--
Volume Discharged	MGD	17.8/-	ANR	0.042765	ANR	ANR	0.023715	ANR
METALS								
Aluminum	ug/L	-/-	ANR	ANR	ANR	Comp	770	J (Q)
Aluminum, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	81	--
Antimony	ug/L	6.0/-	Comp	0.43	Ja* (DNQ)	Comp	ND < 2.0	UJ (B)
Antimony, dissolved	ug/L	-/-	Comp	0.41	Ja* (DNQ)	Comp	0.57	J (DNQ)
Arsenic	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.0	UJ (C)
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	0.047	J (DNQ)
Boron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.056	U (B)
Cadmium	ug/L	4.0/-	Comp	ND < 0.10	*	Comp	ND < 1.0	UJ (B, R)
Cadmium, dissolved	ug/L	-/-	Comp	ND < 0.10	*	Comp	ND < 0.10	U
Calcium	mg/L	-/-	ANR	ANR	ANR	Comp	30	--
Calcium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	24	--
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	14.0/-	Comp	4.0	*	Comp	4.4	J (*III)
Copper, dissolved	ug/L	-/-	Comp	1.9	Ja* (DNQ)	Comp	1.4	J (DNQ, *III)
Iron	mg/L	-/-	ANR	ANR	ANR	Comp	0.74	--
Iron, dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	ND < 0.081	U (B)
Lead	ug/L	5.2/-	Comp	1.7	*	Comp	1.9	--
Lead, dissolved	ug/L	-/-	Comp	ND < 0.20	C*	Comp	ND < 0.20	U
Magnesium	mg/L	-/-	ANR	ANR	ANR	Comp	3.7	--
Magnesium, Dissolved	mg/L	-/-	ANR	ANR	ANR	Comp	2.8	--
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	ND < 2.0	UJ (R)
Nickel, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.0	UJ (R)
Selenium	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 20	U (\$)
Selenium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 8.0	U
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	C*	Comp	ND < 0.20	U
Vanadium	ug/L	-/-	ANR	ANR	ANR	Comp	4.6	J (DNQ)

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.0	U
Zinc	ug/L	-/-	ANR	ANR	ANR	Comp	8.7	J (DNQ)
Zinc, Dissolved	ug/L	-/-	ANR	ANR	ANR	Comp	13	J (DNQ)
ORGANICS								
Benzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	U
Carbon Tetrachloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.28	UJ (C)
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
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.50	U
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
ADDITIONAL ANALYTES								
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
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 < 2.4	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
1,2-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.32	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 < 2.4	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
1,3-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.35	U
1,4-Dichlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	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 < 4.2	U
2,4-Dichlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
2,4-Dimethylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
2,4-Dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.5	UJ (C)
2,4-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
2,6-Dinitrotoluene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
2-Chloroethylvinylether	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.8	UJ (C)
2-Chloronaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
2-Chlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
2-Methyl-4,6-dinitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
2-Methylnaphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
2-Methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
2-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
3,3'-Dichlorobenzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 7.1	U
4,4'-DDD	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	UJ (C)
4,4'-DDE	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
4,4'-DDT	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	UJ (C)
4-Bromophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
4-Chloro-3-methylphenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
4-Chloroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
4-Chlorophenylphenylether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
4-Nitrophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 5.2	U
Acenaphthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Acenaphthylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Acrolein	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 4.0	R (R)
Acrylonitrile	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 1.2	U
Acute Toxicity	% SURVIVAL	70-100/-	ANR	ANR	ANR	Grab	100	--
Aldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0014	U
alpha-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	U
Aniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
Anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Aroclor-1016	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	UJ (C)
Aroclor-1221	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	UJ (C)
Aroclor-1232	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	UJ (C)
Aroclor-1242	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	UJ (C)
Aroclor-1248	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1254	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Aroclor-1260	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	U
Benzidine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 9.4	UJ (C, *III)
Benzo(a)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Benzo(a)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Benzo(b)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
Benzo(g,h,i)perylene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Benzo(k)fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Benzoic acid	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 9.4	UJ (*III)
Benzyl alcohol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	UJ (C)
beta-BHC	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0038	U
bis (2-Chloroethyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
bis (2-ethylhexyl) Phthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
bis(2-Chloroethoxy) methane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
bis(2-Chloroisopropyl) ether	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
Bromodichloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.30	U
Bromoform	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	UJ (C)
Bromomethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.42	U
Butylbenzylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Chlordane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.038	U
Chlorpyrifos	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.0	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	1.0/-	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	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 < 0.0033	U
Diazinon	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.25	U
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Dibenzofuran	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Dibromochloromethane	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.40	U
Dieldrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	UJ (C)
Diethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
Dimethylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Di-n-butylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Di-n-octylphthalate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
Endosulfan I	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	UJ (C)
Endosulfan II	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
Endosulfan sulfate	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	U
Endrin	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	UJ (C)
Endrin aldehyde	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0019	U
Endrin ketone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
Fluoranthene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Fluorene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Heptachlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	UJ (C)
Heptachlor epoxide	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0024	U
Hexachlorobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Hexachlorobutadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Hexachlorocyclopentadiene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 4.7	UJ (C)
Hexachloroethane	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
Indeno(1,2,3-cd)pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
Isophorone	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Lindane (gamma-BHC)	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0028	U
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.0033	U
Methylene Chloride	ug/L	-/-	ANR	ANR	ANR	Grab	ND < 0.95	U
m-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Naphthalene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Nitrobenzene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
n-Nitrosodimethylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.4	U
n-Nitroso-di-n-propylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
n-Nitrosodiphenylamine	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	UJ (C)
o-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
p-Cresol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 2.8	U
Pentachlorophenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	UJ (C)
Phenanthrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.3	U
Phenol	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 1.9	U
p-Nitroaniline	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Pyrene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 3.8	U
Toxaphene	ug/L	-/-	ANR	ANR	ANR	Comp	ND < 0.24	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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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava
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	-/-

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			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
Vanadium, dissolved	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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
Trichlorotrifluoroethane (Freon 113)	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
ADDITIONAL ANALYTES								
2,4,5-Trichlorophenol	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
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-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-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

OUTFALL 010 (Building 203)

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ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/27/2010-02/28/2010			4/5/2010		
			SAMPLE TYPE	RESULT	VALIDATION QUALIFIER	SAMPLE TYPE	RESULT	VALIDATION QUALIFIER
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
Endrin ketone	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
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
Methoxychlor	ug/L	-/-	ANR	ANR	ANR	ANR	ANR	ANR
Methylene Chloride	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
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
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	ANR9.88P

OUTFALL 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Type: Composite

Sample Date: February 5-6, 2010

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	1.80E-06	5.00E-05	1.40E-04	--	0.01	1.40E-06
1,2,3,4,6,7,8-HpCDF	8.80E-07	5.00E-05	3.80E-05	J (DNQ)	0.01	ND
1,2,3,4,7,8,9-HpCDF	1.50E-06	8.00E-06	ND	UJ (*III)	0.01	ND
1,2,3,4,7,8-HxCDD	4.40E-07	5.00E-05	4.40E-06	J (DNQ)	0.1	ND
1,2,3,4,7,8-HxCDF	4.80E-07	5.00E-05	5.30E-06	J (DNQ)	0.1	ND
1,2,3,6,7,8-HxCDD	3.70E-07	5.00E-05	6.70E-06	J (DNQ)	0.1	ND
1,2,3,6,7,8-HxCDF	4.00E-07	3.60E-06	ND	UJ (*III)	0.1	ND
1,2,3,7,8,9-HxCDD	3.40E-07	5.00E-05	4.50E-06	J (DNQ)	0.1	ND
1,2,3,7,8,9-HxCDF	5.40E-07	3.00E-06	ND	UJ (*III)	0.1	ND
1,2,3,7,8-PeCDD	6.40E-07	3.00E-06	ND	UJ (*III)	1	ND
1,2,3,7,8-PeCDF	4.90E-07	5.00E-05	3.10E-06	J (DNQ)	0.05	ND
2,3,4,6,7,8-HxCDF	4.00E-07	5.00E-05	3.40E-06	J (DNQ)	0.1	ND
2,3,4,7,8-PeCDF	5.90E-07	5.00E-05	3.50E-06	J (DNQ)	0.5	ND
2,3,7,8-TCDD	4.00E-07	1.10E-06	ND	UJ (*III)	1	ND
2,3,7,8-TCDF	2.00E-06	1.00E-05	ND	U	0.1	ND
OCDD	2.90E-06	1.00E-04	1.40E-03	--	0.0001	1.40E-07
OCDF	1.90E-06	1.00E-04	3.80E-04	--	0.0001	3.80E-08

TCDD TEQ w/out DNQ Values	1.58E-06
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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 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY**

OUTFALL 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

Sample Type: Grab

Sample Date: April 5, 2010

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)
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OUTFALL 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Permit Limit	01/19/2010 (Comp)		02/06/2010 (Comp)
			RESULT	MDA	VALIDATION
		Daily		QUALIFIER	
		Max/Monthly			
		Avg			

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**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/28/2010 (Comp)			04/05/2010 (Grab)		
			RESULT	MDA	VALIDATION QUALIFIER	RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY								
Gross Alpha	pCi/L	15/-	1.9 ± 1.5	2.3	UJ (H, C)	0.91 ± 0.89	1.4	UJ (C)
Gross Beta	pCi/L	50/-	4.5 ± 1.1	1.3	J (H)	ND < 4 ± 0.89	1.1	U (B)
Strontium-90	pCi/L	8.0/-	0.08 ± 0.25	0.44	U	-0.007 ± 0.22	0.38	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-						
Tritium	pCi/L	20000/-						
Uranium, Total	pCi/L	20/-						
Potassium-40	pCi/L	-/-						
Cesium 137	pCi/L	200/-						

OUTFALL 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIEL-11h-ABORATO**

OUTFALL 010 (Building 203)

**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

January 1, 2010 through July 18, 2010

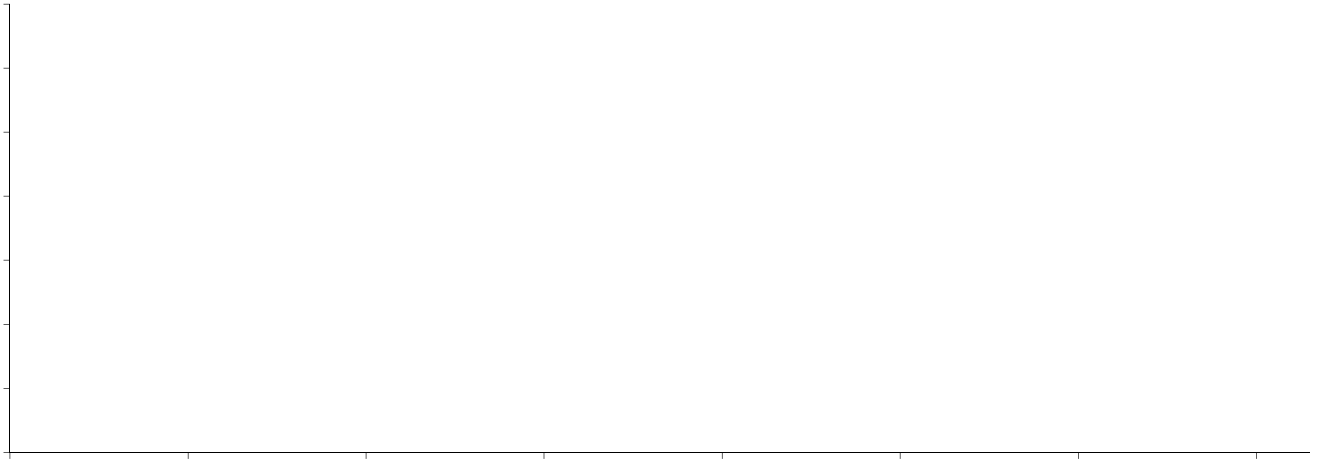
ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	02/27/2010-02/28/2010		
			Sample Type	Result	Concentration Result Validation Qualifier
Max Discharge for event	MGD	17.8	Meas	0.01067	
Chloride	LBS/DAY	22,268/-	Comp	1.07	M1*
Fluoride	LBS/DAY	238/-	ANR	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	LBS/DAY	1,485/-	Comp	0.07	*
Oil & Grease	LBS/DAY	2,227/-	Grab	ND	*
Perchlorate	LBS/DAY	0.89/-	ANR	ANR	ANR
Sulfate	LBS/DAY	37,113/-	Comp	0.98	*
Total Dissolved Solids	LBS/DAY	126,184/-	Comp	16.02	*
Antimony	LBS/DAY	0.89/-	Comp	0.00	Ja* (DNQ)
Boron	LBS/DAY	148/-	ANR	ANR	ANR
Cadmium	LBS/DAY	0.59/-	Comp	0.00002	Ja* (DNQ)
Copper	LBS/DAY	2.08/-	Comp	0.0005	B*
Lead	LBS/DAY	0.77/-	Comp	0.0002	*
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	4.2E-09/-	Comp	9.05E-11	--

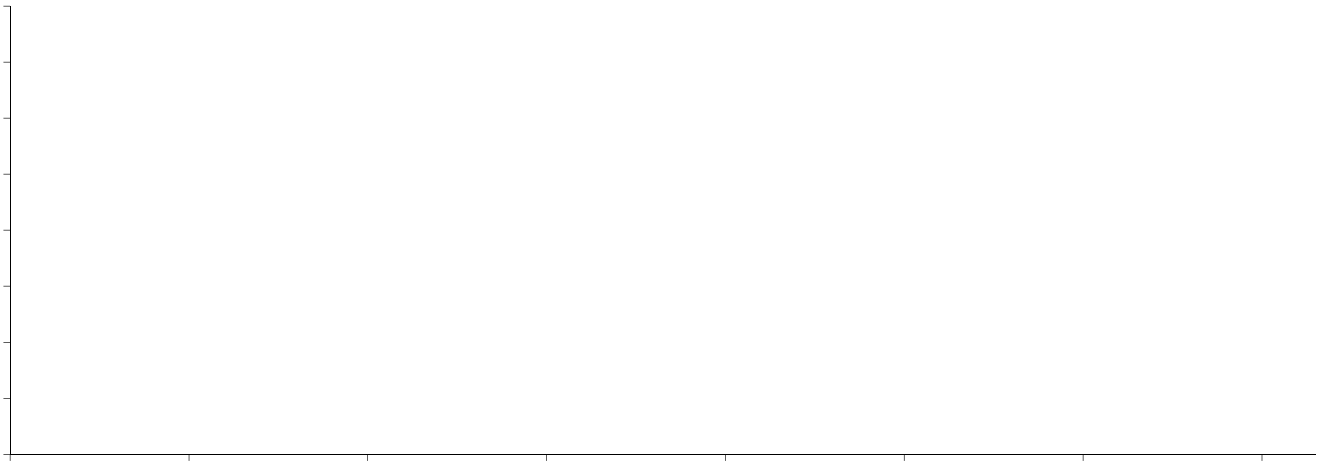
**BMP EFFECTIVENESS
OUTFALL 010 (Building 203)**

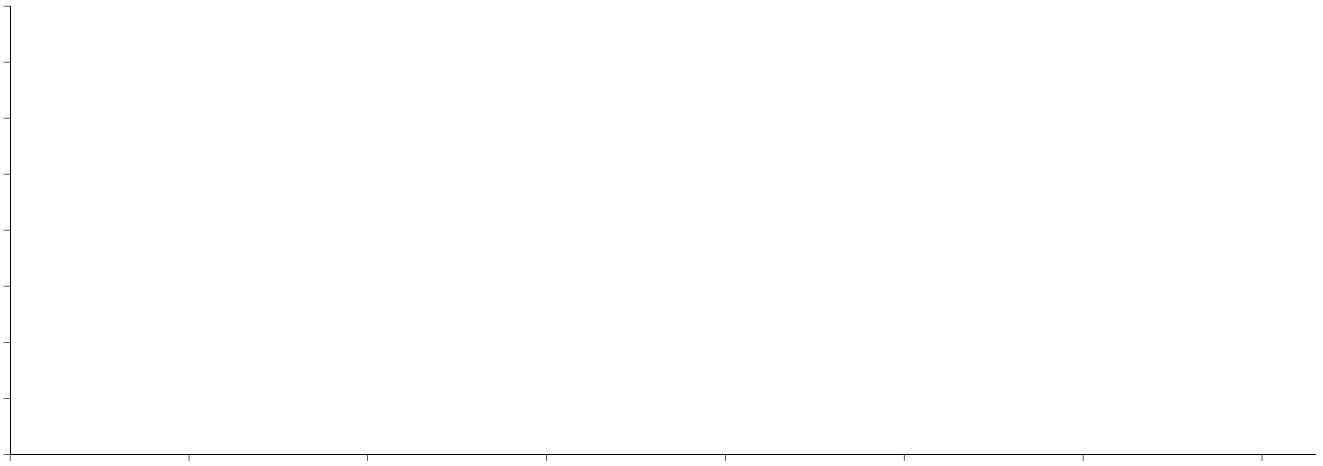
**ANNUAL 2010 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

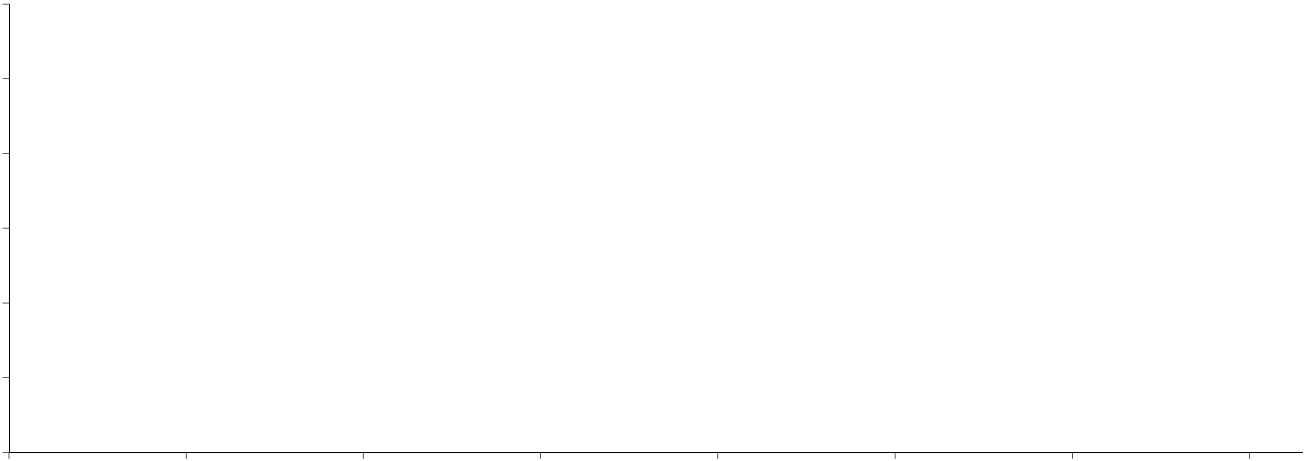
January 1, 2010 through July 18, 2010

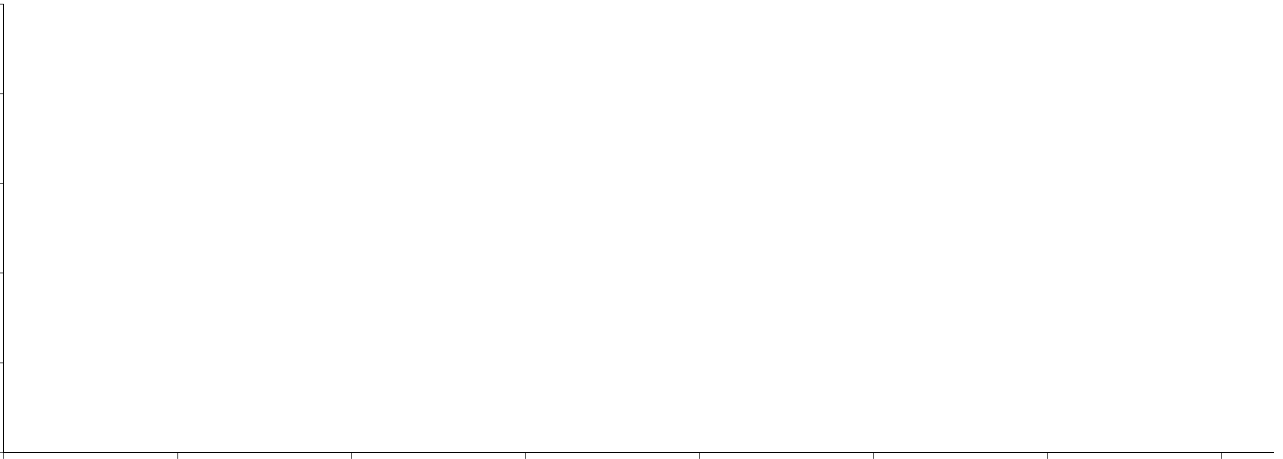
SAMPLE NAME	SAMPLE DATE	ANALYTE	UNITS	RESULT
010 EFF-1	01/18/10	Density	g/cc	1.0*
010 EFF-1	01/18/10	Sediment	mg/L	ND <10*
010 EFF-2	01/18/10	Density	g/cc	1.0*
010 EFF-2	01/18/10	Sediment	mg/L	63*
010 EFF-1	02/06/10	Density	g/cc	1.0*
010 EFF-1	02/06/10	Sediment	mg/L	74*
010 EFF-1	02/28/10	Density	g/cc	1.0
010 EFF-1	02/28/10	Sediment	mg/L	45
010 EFF-1	4/5/2010	Density	g/cc	0.99*
010 EFF-1	4/5/2010	Sediment	mg/L	16*











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