

OUTFALL 007 (Building 100)

**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	1/25/2008	
			RESULT	VALIDATION QUALIFIER
Chloride	mg/L	150/-	13	*
Fluoride	mg/L	1.6/-	ANR	ANR
Nitrate + Nitrite as Nitrogen (N)	mg/L	10/-	ND < 0.15	*
Oil & Grease	mg/L	15/-	ND < 1.3	*
Perchlorate	ug/L	6.0/-	ANR	ANR
pH (Field)	pH units	6.5-8.5/-	7.3	*
Sulfate	mg/L	250/-	15	*
Temperature	deg. F	86/-	46	*
Total Cyanide	ug/L	-/-	ANR	ANR
Total Dissolved Solids	mg/L	850/-	160	*
Total Suspended Solids	mg/L	-/-	ANR	ANR
Volume Discharged	MGD	17.8/-	0.25	ANR
METALS				
Aluminum	ug/L	-/-	ANR	ANR
Antimony	ug/L	6.0/-	2.1	--
Antimony, dissolved	ug/L	-/-	2.3	--
Arsenic	ug/L	-/-	ANR	ANR
Beryllium	ug/L	-/-	ANR	ANR
Boron	mg/L	1.0/-	ANR	ANR
Cadmium	ug/L	4.0/-	0.12	J (DNQ)
Cadmium, dissolved	ug/L	-/-	ND < 0.11	U
Chromium	ug/L	-/-	ANR	ANR
Copper	ug/L	14.0/-	2.0	--
Copper, dissolved	ug/L	-/-	ND < 0.75	U
Lead	ug/L	5.2/-	2.3	--
Lead, dissolved	ug/L	-/-	ND < 0.30	U
Mercury	ug/L	0.13/-	ND < 0.050	U
Mercury, dissolved	ug/L	-/-	ND < 0.050	U
Nickel	ug/L	100/-	ANR	ANR
Selenium	ug/L	-/-	ANR	ANR
Silver	ug/L	-/-	ANR	ANR
Thallium	mg/L	ND < 0.302-397.8(U)	JT*	[Me3.1(ANR)/6/07.8Rs6(ANR)-4503.1(ANR)

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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
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
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
Chronic Toxicity	TUC	1.0/-	1.0	*
Chrysene	ug/L	-/-	ANR	ANR
cis-1,3-Dichloropropene	ug/L	-/-	ANR	ANR
delta-BHC	ug/L	-/-	ANR	ANR
Dibenzo(a,h)anthracene	ug/L	-/-	ANR	ANR
Dibromochloromethane	ug/L	-/-	ANR	ANR
Dieldrin	ug/L	-/-	ANR	ANR
Diethylphthalate	ug/L	-/-	ANR	ANR

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

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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
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
Methylene Chloride	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
Pentachlorophenol	ug/L	-/-	ANR	ANR
Phenanthrene	ug/L	-/-	ANR	ANR
Phenol	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 007 (Building C BT/Header BMC /CS0cuildO

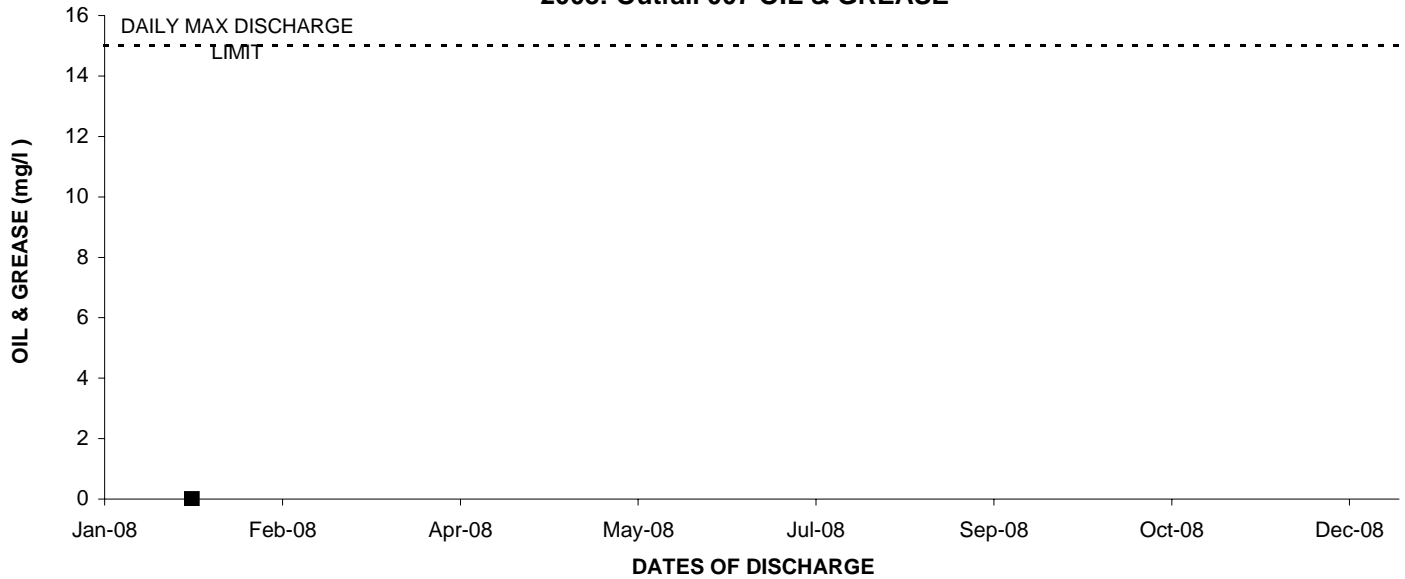
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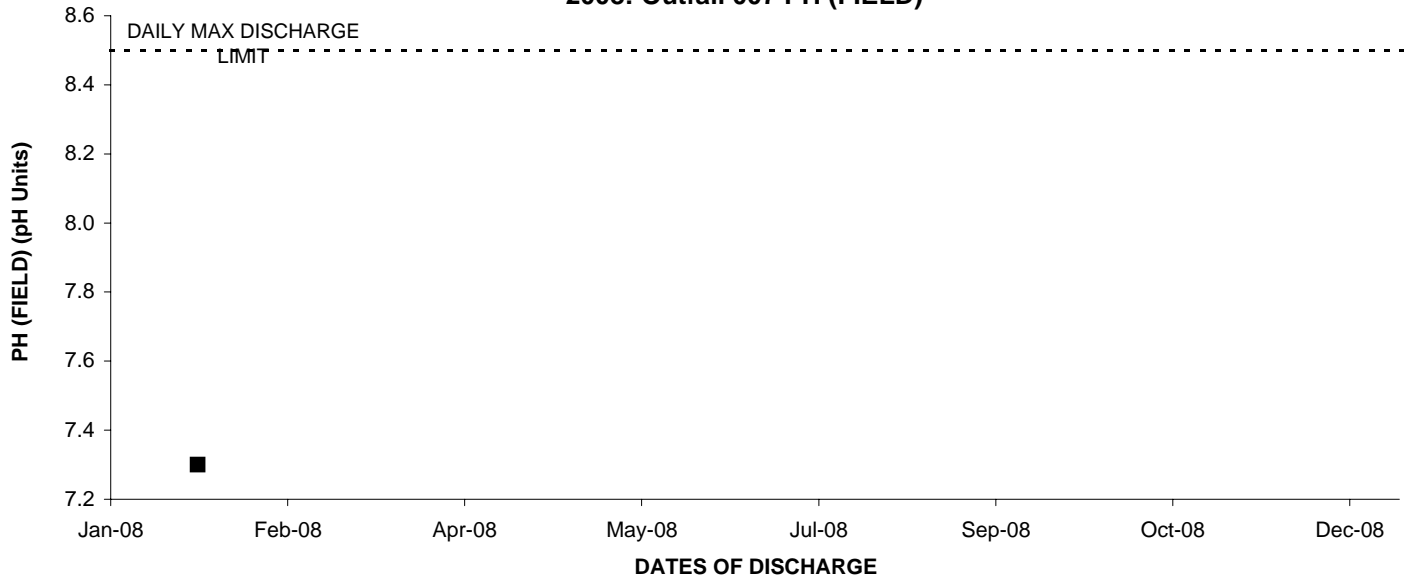
January 1 through December 31, 2008

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	1/25/2008		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	1.37 ± 0.98	1.4	UJ (R)
Gross Beta	pCi/L	50/-	10.9 ± 0.87	0.94	--
Strontium-90	pCi/L	8.0/-	0.026 ± 0.39	0.91	UJ (H)
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.360 ± 0.533	1.42	UJ (H)
Tritium	pCi/L	20000/-	-16.1 ± 93	160	U
Cs-137 (G)	pCi/L	----	ND < 1.8	1.8	UJ (H)
K-40 (G)	pCi/L	----	ND < 47	47	UJ (H)
Uranium, Total	pCi/L	20/-	0.140 ± 0.018	0.022	J (H)

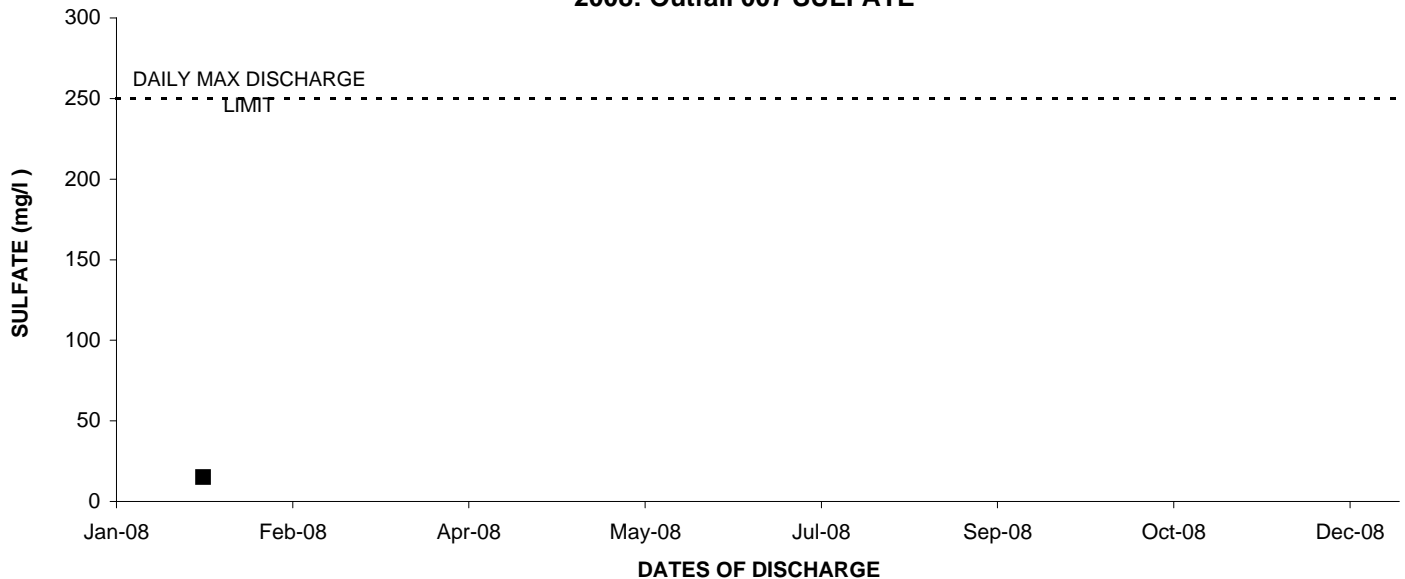
2008: Outfall 007 OIL & GREASE



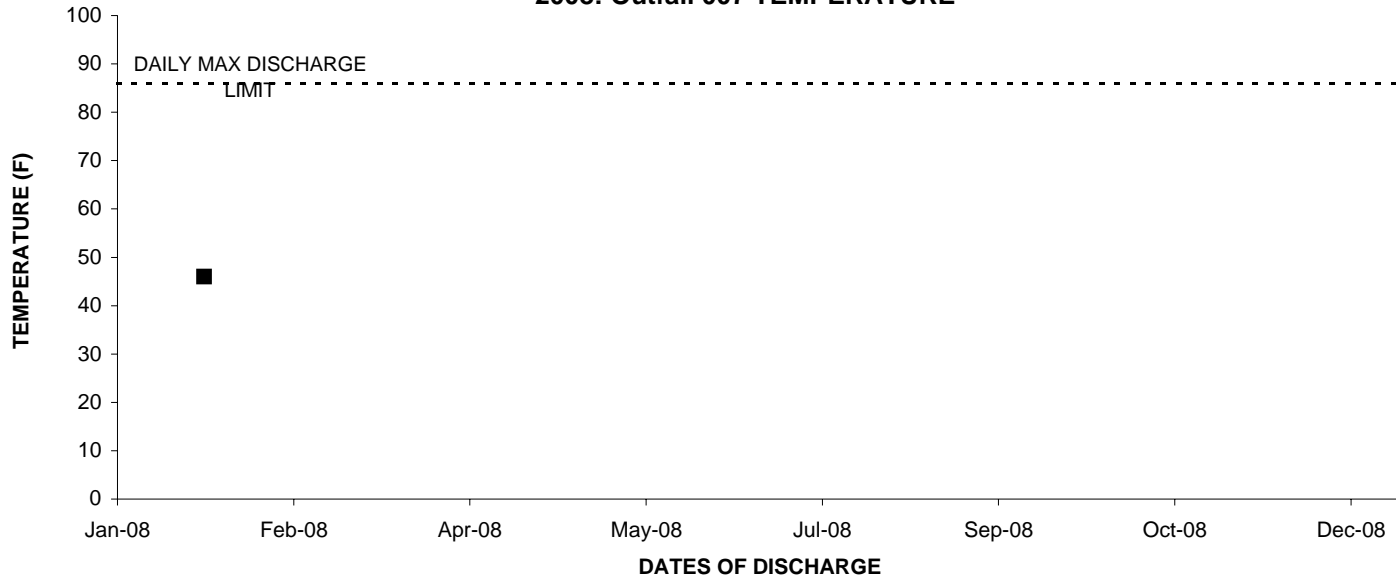
2008: Outfall 007 PH (FIELD)



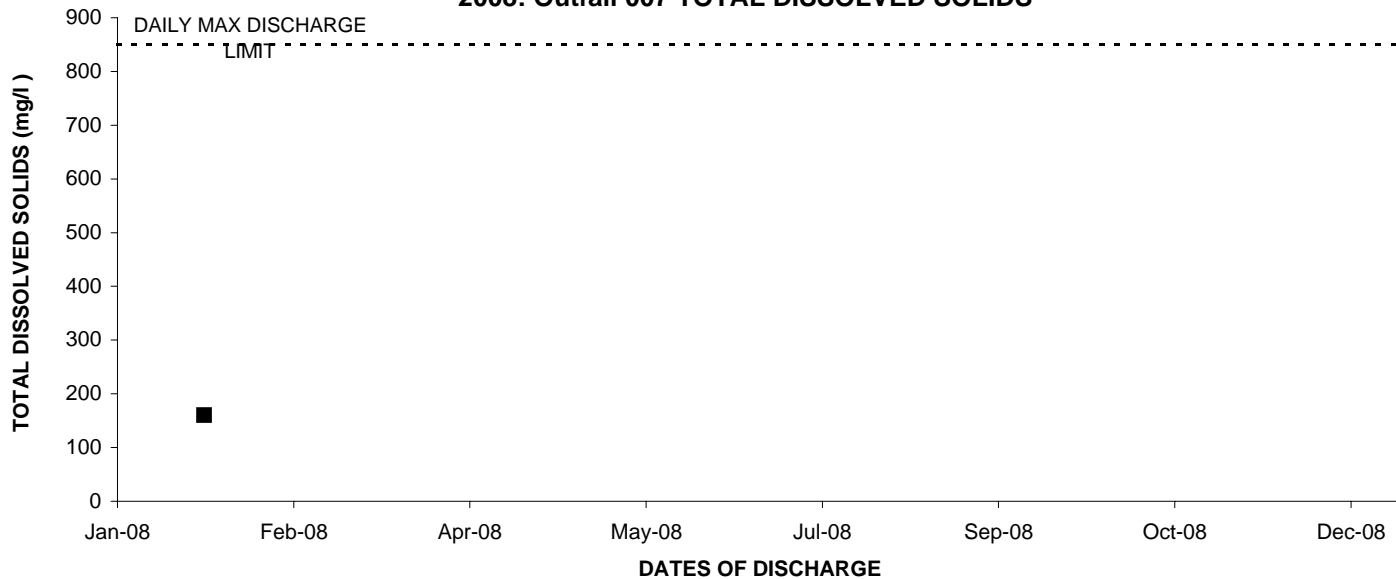
2008: Outfall 007 SULFATE



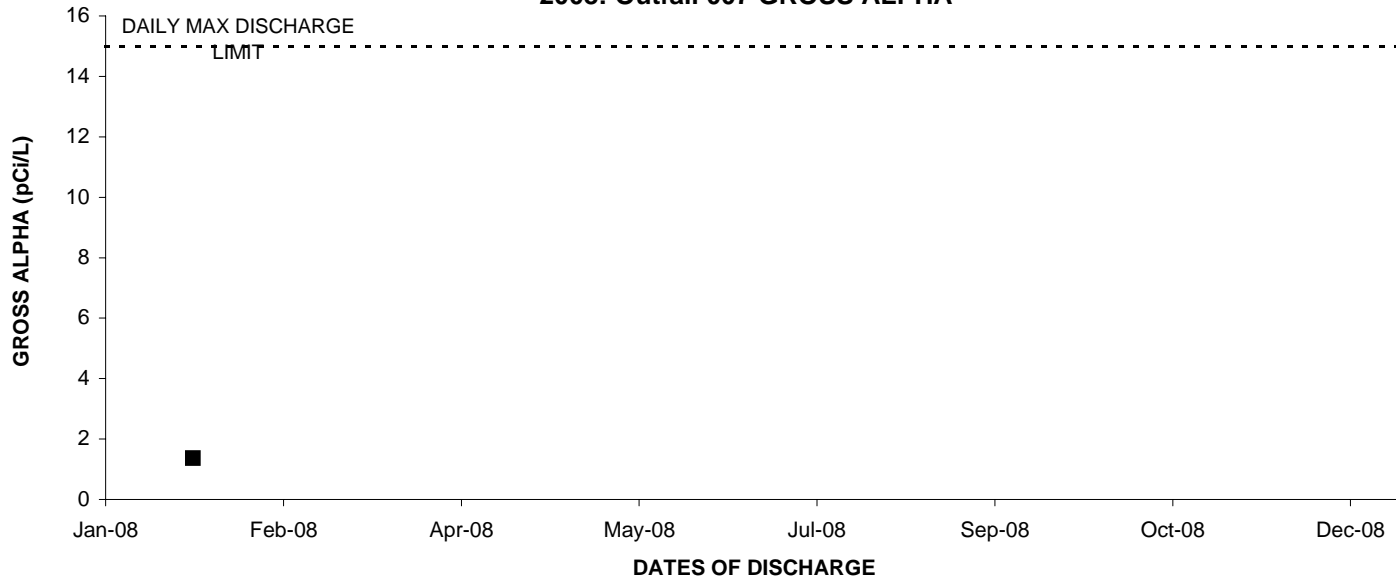
2008: Outfall 007 TEMPERATURE



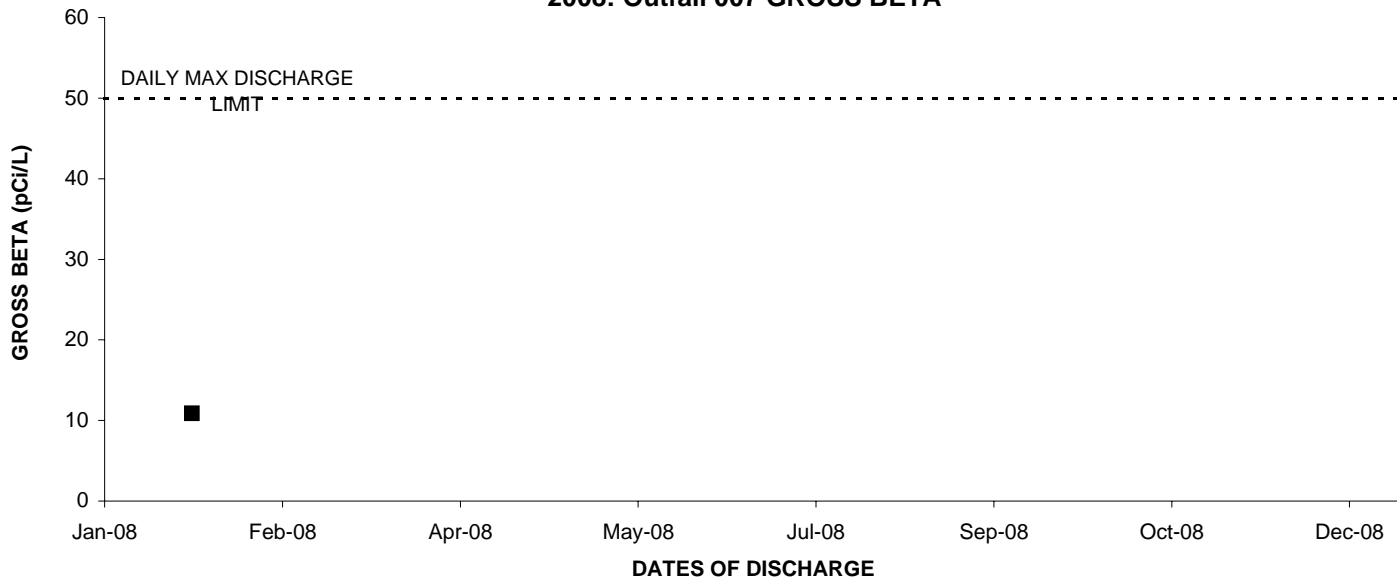
2008: Outfall 007 TOTAL DISSOLVED SOLIDS



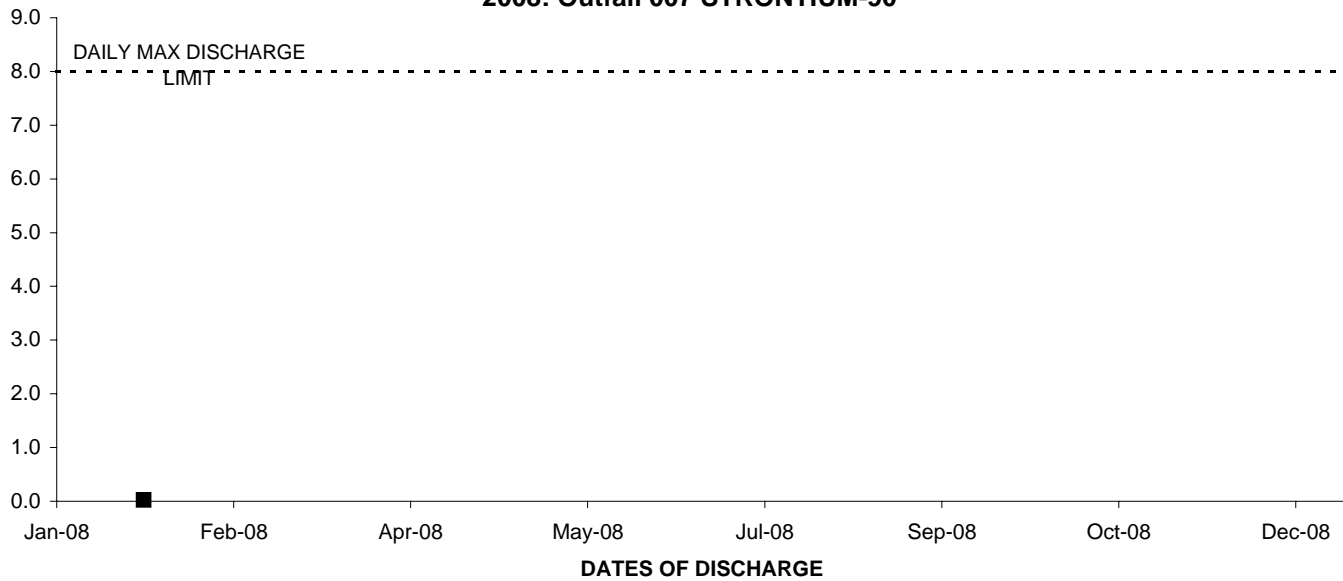
2008: Outfall 007 GROSS ALPHA



2008: Outfall 007 GROSS BETA



2008: Outfall 007 STRONTIUM-90



2008: Outfall 007 TRITIUM

