

**ARROYO SIMI (Frontier Park Receiving Water)**

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

**January 1 through December 31, 2009**

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava	2/27/2009		5/7/2009	
			RESULT	VALIDATION QUALIFIER	RESULT	VALIDATION QUALIFIER
pH (Field)						

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ANALYTE	UNITS	Permit Limit Daily Max/Monthly Ava	2/27/2009	
			RESULT	VALIDATION QUALIFIER
Ammonia as Nitrogen (N)	mg/Kg	-/-	4.0	J (DNQ)
pH (Field)	pH Units	-/-	7.6	*
Conductivity (Field)	umhos/cm	-/-	2120	*
Dissolved Oxygen (Field)	mg/L	-/-	10.9	*
Temperature	deg F	-/-	57	*
Total Organic Carbon	mg/kg	-/-	ND < 1000	*
Water Velocity	ft/sec	-/-	0.13	*
Percent Moisture	%	-/-	19	*
4,4'-DDD	ug/kg	14/-	ND < 1.5	C-1*
4,4'-DDE	ug/kg	170/-	ND < 1.5	*
4,4'-DDT	ug/kg	25/-	ND < 1.5	C-2*
Aroclor-1016	ug/kg	25700/-	ND < 6.7	*
Aroclor-1221	ug/kg	25700/-	ND < 6.7	*
Aroclor-1232	ug/kg	25700/-	ND < 6.7	*
Aroclor-1242	ug/kg	25700/-	ND < 6.7	*
Aroclor-1248	ug/kg	25700/-	ND < 6.7	*
Aroclor-1254	ug/kg	25700/-	ND < 6.7	*
Aroclor-1260	ug/kg	25700/-	ND < 6.7	*
Chlordane	ug/kg	3.3/-	ND < 10	*
Dieldrin	ug/kg	1.1/-	ND < 1.5	*
Toxaphene	ug/kg	230/-	ND < 50	*
Sediment toxicity	%	-/-	97	*
Bivalve Embryo toxicity	%	-/-	100	*
<b>PARTICLE SIZE DISTRIBUTION</b>	<b>%</b>	<b>le4085 0 T8061</b>		













