

Results

Analytical results for the planned excavation area at AP/STP-1C-1-West are presented in Test America report ITG2802 issued on 8/9/10. Regulated Metals were below 10-Times their respective California Soluble Threshold Limit Concentration (STLC) threshold in two of the

INTERIM SOURCE REMOVAL ACTION (ISRA) - OUTFALL 009

**WASTE CHARACTERIZATION SAMPLE RESULTS – AP/STP-1C-1 (West)
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY**

							Object Name:	APWC0001	APWC0002	APWC0003	APWC0004	APWC0005
							Sample Name:	APWC0001S001	APWC0002S001	APWC0003S001	APWC0004S001	APWC0005S001
							Collection Date:	7/30/2010	7/30/2010	7/30/2010	7/30/2010	7/30/2010
							Sample Depth (feet):	0.5 - 1.0	0.0 - 0.5	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0
ANALYTE	UNITS	TTLIC	WET Leachate Testing Trigger ^a	TCLP Leachate Testing Trigger ^b	STLC	TCLP	RESULT ^c	RESULT ^c	RESULT ^c	RESULT ^c	RESULT ^c	
METALS												
Antimony	mg/kg	500	150	--	--	--	<0.88	<0.87	0.88 J	<0.88	<0.87	
Arsenic	mg/kg	500	50	100	--	--	4.5	4.6	5.2	4.2	4.7	
Barium	mg/kg	10,000	1,000	2,000	--	--	93	86	89	96	87	
Beryllium	mg/kg	75	7.5	--	--	--	0.56	0.59	0.63	0.52	0.6	
Cadmium	mg/kg	100	10	20	--	--	1.4	0.21 J	1.9	3.8	<0.20	
Chromium	mg/kg	500	50	100	--	--	50	26	55	93	20	
Chromium, WET	mg/L	--	--	--	5	--	1.5	--	1.5	3.2	--	
Cobalt	mg/kg	8,000	800	--	--	--	4.5	4.7	5.1	4.5	4.9	
Copper	mg/kg	2,500	250	--	--	--	14	9.5	39	22	9.6	
Lead	mg/kg	1,000	50	100	--	--	13	7.7	16	16	6.4	
Mercury	mg/kg	20	2	4	--	--	0.25	0.019 J	1.4	0.62	<0.012	
Molybdenum	mg/kg	3,500	3,500	--	--	--	1.1 J	0.88 J	1.3 J	1.2 J	0.67 J	
Nickel	mg/kg	2,000	200	--	--	--	15	12	16	15	12	
Selenium	mg/kg	100	10	20	--	--	1.1 J	<0.99	1.4 J	<1	1.1 J	
Silver	mg/kg	500	50	100	--	--	69	33	110	66	1.8	
Silver, WET	mg/L	--	--	--	5	--	0.55	--	0.42	2.3	--	
Silver, TCLP	mg/L	--	--	--	--	5	--	--	<0.060	--	--	
Thallium	mg/kg	700	70	--	--	--	<0.8	<0.79	<0.79	<0.8	<0.79	
Vanadium	mg/kg	2,400	240	--	--	--	31	34	33	28	32	
Zinc	mg/kg	5,000	2,500	--	--	--	72 B	57 B	110 B	110 B	46 B	
PCBs												
Aroclor 1016	ug/kg	50,000	50,000	--	--	--	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	
Aroclor 1221	ug/kg	50,000	50,000	--	--	--	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	
Aroclor 1232	ug/kg	50,000	50,000	--	--	--	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	
Aroclor 1242	ug/kg	50,000	50,000	--	--	--	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	
Aroclor 1248	ug/kg	50,000	50,000	--	--	--	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	
Aroclor 1254	ug/kg	50,000	50,000	--	--	--	110	40 J	82	150	<50 {<12}	
Aroclor 1260	ug/kg	50,000	50,000	--	--	--	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	<50 {<12}	
TPH												
Gasoline Range Organics (C6-C12)	mg/kg	--	--	--	--	--	<0.37 {<0.14}	0.12 J	<0.42 {<0.16}	<0.31 {<0.12}	<0.34 {<0.13}	
EFH (C10 - C24)	mg/kg	--	--	--	--	--	5	4.5 J	10	17	<5 {<3.5}	
EFH (C10 - C40)	mg/kg	--	--	--	--	--	29	21	47	68	6.2	
EFH (C25 - C40)	mg/kg	--	--	--	--	--	24	16	37	51	5.4	
VOCs												
1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	--	--	<2.2 {<0.63}	<2.2 {<0.62}	<2.2 {<0.63}	<2 {<0.57}	<2 {<0.56}	

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APWC0001	APWC0002	APWC0003	APWC0004	APWC0005
APWC0001S001	APWC0002S001	APWC0003S001	APWC0004S001	APWC0005S001
7/30/2010	7/30/2010	7/30/2010	7/30/2010	7/30/2010
0.5 - 1.0	0.0 - 0.5	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0

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Notes: