



INTERIM SOURCE REMOVAL ACTION (ISRA) - OUTFALL 009

WASTE CHARACTERIZATION SAMPLE RESULTS – LOX-1B-1
 THE BOEING COMPANY
 SANTA SUSANA FIELD LABORATORY

ANALYTE	UNITS	TTLC	WET Leachate Testing Trigger ^a	TCLP Leachate Testing Trigger ^b	LXWC0005	LXWC0006	LXWC0007	LXWC0008	LXWC0009	LXWC0010	LXWC0011
					LXWC0005S001	LXWC0006S001	LXWC0007S001	LXWC0008S001	LXWC0009S001	LXWC0010S001	LXWC0011S001
					10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010
					0.2 - 0.8	0.8 - 1.3	1.2 - 1.7	0.1 - 0.3	1.4 - 1.9	0.1 - 0.3	0 - 0.4
					RESULT ^c	RESULT ^c	RESULT ^c	RESULT ^c	RESULT ^c	RESULT ^c	RESULT ^c
METALS											
Antimony	mg/kg	500	150	--							

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LXWC0005	LXWC0006	LXWC0007	LXWC0008	LXWC0009	LXWC0010	LXWC0011
LXWC0005S001	LXWC0006S001	LXWC0007S001	LXWC0008S001	LXWC0009S001	LXWC0010S001	LXWC0011S001
10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010
0.2 - 0.8	0.8 - 1.3	1.2 - 1.7	0.1 - 0.3	1.4 - 1.9	0.1 - 0.3	0 - 0.4

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ANALYTE	UNITS	TTLIC	WET Leachate Testing Trigger ^a	TCLP Leachate Testing Trigger ^b	LXWC0005	LXWC0006	LXWC0007	LXWC0008	LXWC0009	LXWC0010	LXWC0011
					LXWC0005S001	LXWC0006S001	LXWC0007S001	LXWC0008S001	LXWC0009S001	LXWC0010S001	LXWC0011S001
					10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010
					0.2 - 0.8	0.8 - 1.3	1.2 - 1.7	0.1 - 0.3	1.4 - 1.9	0.1 - 0.3	0 - 0.4
					RESULT ^c						

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Notes:

"--" - not analyzed / not applicable

<5 - Analyte not detected at or above the stated method detection limit (metals) or analyte not detected at or above the stated reporting limit (organics)

{<1} - Analyte not detected at or above the stated method detection limit (organics)

^a - WET Leachate Testing Trigger = STLC limit * 10

^b - TCLP Leachate Testing Trigger = TCLP limit * 20

^c Waste characterization sample results not validated

B - Analyte was detected in the associated method blank

J - Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

µg/kg - micrograms per kilogram

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

R - Radiological analysis includes gamma spectroscopy (Na-22, K-40, Mn-54, Co-60, Cs-134, Cs-137, Eu-152, Eu-154, Th-228, Th-232, U-235, U-238 and Am-241), strontium-90, and tritium. Boeing will be preparing a document that provides the radiological results and statistical analysis of these waste characterization samples.

SU - standard units