

**Analytical Results from the First Measurable
Storm Event Following Installation of Control
Measures at S-SMA-4.1**

November 19, 2013

NPDES PERMIT NO. NM0030759

LA-UR-13-28738

**LOS ALAMOS NATIONAL LABORATORY
ANALYTICAL RESULTS FROM THE FIRST MEASURABLE STORM EVENT**

PF: S011

S-SMA-4.1

Site: 53-014

Table 1 presents the analytical results received from the confirmation monitoring samples collected from the first measurable storm event following the installation of enhanced controls at site monitoring area (SMA) S-SMA-4.1. The descriptions and photographs of each enhanced control installed at S-SMA-4.1 were provided to the U.S. Environmental Protection Agency on October 25, 2012 (EP2012-0262/LA-UR-12-24868). Table 2 presents each applicable target action level (TAL) for the analytes monitored.

**Table 1
Metals and Organic Analytical Results from the First Measurable Storm Event
Collected on September 13, 2013, Following Installation of Enhanced Controls, SMA S-SMA-4.1**

Sample ID	Analyte	Field Prep	Detect Status	Result (µg/L)	TAL Exceedance Ratio ^a	Method Detection Limit (µg/L)	Quantitation Limit (µg/L)	Qualifier ^b	Data Receipt Date
WT_IPC-13-32509	Total polychlorinated biphenyl (PCB)	Unfiltered	Detect	0.00155	2.422	n/a ^c	n/a	NQ	10/22/13

^a Preliminary average TAL (ATAL) exceedance ratio from first of two possible samples.

^b Qualifier: NQ = Result is not qualified.

^c n/a = Value is not applicable.

**Table 2
Applicable TALs**

Analyte	Units	CAS No.	MQL	ATAL	MTAL
Total PCB	µg/L	1336-36-3	n/a*	0.00064	n/a

Notes: CAS = Chemical Abstracts Service; MQL = minimum quantification level; MTAL = maximum TAL.

*n/a = Value is not applicable.