

**Analytical Results from the First Measurable
Storm Event Following Installation of Control
Measures at S-SMA-2.01**

November 19, 2013

NPDES PERMIT NO. NM0030759

LA-UR-13-28737

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

PF: S003A

S-SMA-2.01

Site: 03-052(b)

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-2.01. The descriptions and photographs of each enhanced control installed at S-SMA-2.01 were provided to the U.S. Environmental Protection Agency on December 13, 2012 (EP2012-0296/LA-UR-12-25726). 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-2.01**

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-13-32114	Copper	Filtered	Detect	3.66	0.851	0.35	1	NQ	10/24/13
WT_IPC-13-32511	Total polychlorinated biphenyl (PCB)	Unfiltered	Detect	0.164	256.250	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
Copper, Dissolved	µg/L	7440-40-8	0.5	n/a	4.3

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

* n/a = Value is not applicable.