

**Analytical Results from the First Measurable
Storm Event Following Installation of Control
Measures at 2M-SMA-1.7**

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NPDES PERMIT NO. NM0030759

LA-UR-14-26795

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

PF: E009

2M-SMA-1.7

Site: 03-055(a)

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) 2M-SMA-1.7. The descriptions and photographs of each enhanced control installed at 2M-SMA-1.7 were provided to the U.S. Environmental Protection Agency on August 27, 2012 (EP2012-0199/LA-UR-12-23185). 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 June 21, 2014, Following Installation of Enhanced Controls, SMA 2M-SMA-1.7**

Sample ID	Analyte	Field Prep	Detect Status	Result (µg/L)	TAL Exceedance Ratio	Method Detection Limit	Quantitation Limit	Qualifier*	Data Receipt Date
WT_IPC-14-55933	Copper	Filtered	Detect	4.6	1.070	0.35	1	NQ	18-Aug-14

Note: TAL exceedance ratio is a preliminary average from the first of at least two confirmation samples.

* Qualifier: NQ = Result is not qualified.

**Table 2
Applicable TALs**

Analyte	Units	CAS No.	MQL	ATAL	MTAL
Copper, Dissolved	µg/L	7440-40-8	0.5	n/a*	4.3

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

* n/a – Value is not applicable.