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Title: LANL Water Protection Status Report â€™ FY12 3rd Qtr. (Apr thru Jun 2012)

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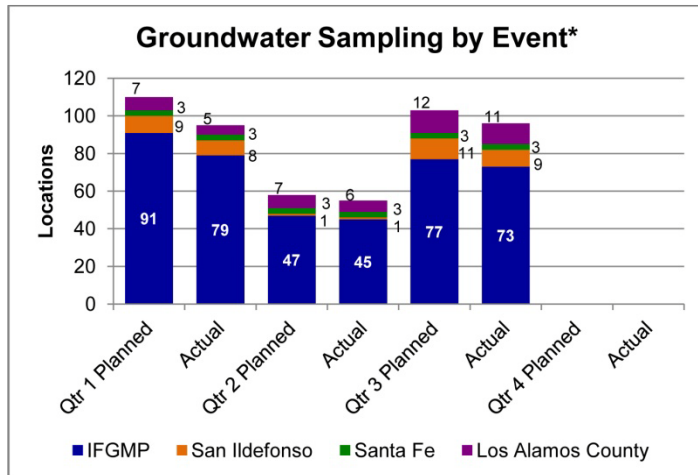
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# LANL Water Protection Status Report — FY12 3rd Qtr. (Apr thru Jun 2012)

	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr
Groundwater Protection — Continued monitoring of the Buckman Direct Diversion and Los Alamos County Water Supply Wells	☑	☑	☑	
Groundwater Protection — Continued implementation of the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP)	☑	☑	☑	
Surface Water Protection — Continued protection of surface water through implementation of the Individual Stormwater Permit (IP)	☑	☑	☑	
Buckman Early Notification System operability at 100% per MOU Requirements	☑	☑	☑	

## Groundwater Protection



\* An Event is a single-screen well location, each individual well screen for multi-screen wells, spring or base-flow location.

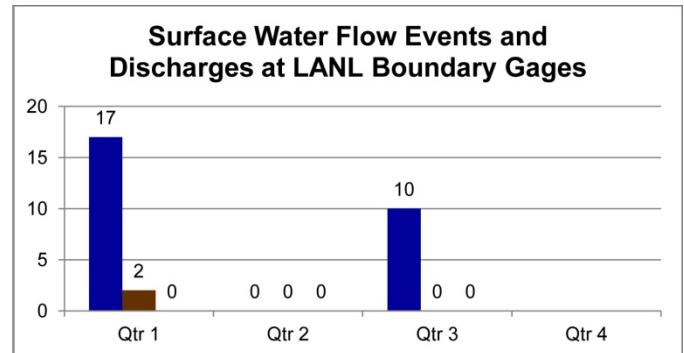
**1st Quarter analytical summary: 16,279 analytes tested with 0 new exceedances confirmed to be from LANL sources.**

**2nd Quarter analytical summary: 10,007 analytes tested with 0 new exceedances confirmed to be from LANL sources.** (3<sup>rd</sup> quarter pending)

3<sup>rd</sup> Qtr Sampling Event Deviation Explanation:

- 1) 3 well/springs dry
- 2) 1 LA County well was not operating
- 3) 2 locations postpone in 3<sup>rd</sup> Qtr, to be sampled following redevelopment in 4<sup>th</sup> Qtr
- 4) Bulldog Spring reassigned from General Surveillance Monitoring group (a 3<sup>rd</sup> Qtr sampling event) to TA-16 260 Monitoring Group (a 4<sup>th</sup> Qtr sampling event)

## Surface Water Protection



■ Days w/Measured Flow at any LANL Gage Station (>5 cfs)  
 ■ Days w/Flow at LANL Boundary Stations E050.1, E060.1, E125, E250, E265, E267, E275, and E338 (>5 cfs)  
 ■ Days w/Measured Flow at Buckman Early Notification Station E109.9 (>5 cfs) from LANL watersheds.

Notes:

- 1) In 3<sup>rd</sup> Qtr, 7 of the 10 days are flow at E122, which is perennial flow from the cooling towers in upper Sandia Canyon.