

TAT2

**Young, John, NMENV**

---

**From:** Christina B. Behr-Andres [behr-andres@lanl.gov]  
**Sent:** Sunday, September 24, 2006 9:51 PM  
**To:** Bearzi, James, NMENV; Young, John, NMENV; Cobrain, Dave, NMENV  
**Cc:** dewart@lanl.gov; akphelps@lanl.gov; camangeng@lanl.gov; elvis@lanl.gov  
**Subject:** Notification of PCBs from 2005 data

**Attachments:** 2005 GW PCB Hits.xls



2005 GW PCB  
Hits.xls (15 KB)

James, David, John:

This message is to notify you that LANL staff have received measurements of PCBs above detection limits in groundwater samples from several locations in 2005 (data attached). The data were all validated:

Aroclor-1254 was found in a 4/27/05 sample from R-8 at 711 ft. in the regional aquifer in Los Alamos Canyon. The concentration was 0.06 ug/L, PQL is 0.1 ug/L, MDL about 0.05 ug/L. This is the only detection of five samples from this location; the compound was not found in any of the previous samples collected at this well the previous year.

Aroclor-1260 was detected in a 5/10/05 sample from LAO-B, a background alluvial well in Los Alamos Canyon, upstream from Laboratory contaminant sources. The concentration was 0.06 ug/L, PQL is 0.1 ug/L, MDL about 0.05 ug/L. This is the only detection of seven samples from this location; and is one of only two Aroclor detections in Los Alamos Canyon alluvial groundwater over more than six years.

Aroclor-1262 was detected in a 9/26/05 sample from Spring 1 at 0.17 ug/L, PQL is 0.1 ug/L, MDL about 0.05 ug/L. There is one prior sample at this location which was a nondetection.

We will contact you again when we have more information about this matter. In accordance with the protocols we have established, we respectfully request that this information not be forwarded to other parties. Thank you.



3794

Fld Matrix	Hdr 1	Zone	Location	N. Well	Class	Port	Depth	Start Date	Fld Prep	C	Fld Qc	Typ
WG		Upper Los	Regional	R-8	MULTI		711.1	4/27/2005	UF			
WG		Upper Los	Alluvial	LAO-B	SINGLE		11.84	5/10/2005	UF			
WG		White Rocl	Regional	S Spring 1	SPRING		0	9/26/2005	UF			

Std Uom	Dilution Fa	Lab Code	Lab Qual	C	Concat Fla	Concat Re	Prelim Fla	Anyl Meth	Load Date
ug/L	1	GELC	J	J	P3a, PWQ	N		SW-846:80	5/31/2005
ug/L	1	GELC	J	J	P14a	N		SW-846:80	8/16/2005
ug/L	1	GELC				N		SW-846:80	11/1/2005