

Young, John, NMENV

From: Danny Katzman [katzman@lanl.gov]
Sent: Friday, August 18, 2006 9:53 AM
To: Young, John, NMENV; Armand R. Groffman
Cc: Jean Dewart
Subject: RE: Well Damage Due Recent Rains

LANL TA-24 (TA-2, Pueblo Canyon, Alluvial GW)

John- We haven't been able yet to determine the complete nature of the damage. It appears that the terrace where the well was located was eroded during the flood and our current guess is that the portion of the PVC casing above channel level might have broken off. I hope to actually get into the field today to check it out. We'll get back to you with more detail after we have the info. If/when we find the remaining casing, we'll place an end cap until we have an opportunity to discuss the path forward for the well.

We are also still evaluating the discharge estimates. More later on that topic.

-D

At 09:03 AM 8/18/2006, Young, John, NMENV wrote:

Armand,

Big flow. What is the estimated flow from this event? Has the well been totally excavated or is it buried or is this known? If not known, any effort must be made to investigate and identify its condition. If it is still in place and is this badly damaged, you must P and A appropriately.

Danny, how much of the Pu inventory was flushed away during this/these events? It looks like a significant amount has "left the building."

Let me know and have a good weekend!

john

From: Armand R. Groffman [mailto:groffman@lanl.gov]
Sent: Thursday, August 17, 2006 1:26 PM
To: Young, John, NMENV
Cc: Danny Katzman; Jean Dewart
Subject: Fwd: Well Damage Due Recent Rains

John,

As I mentioned last Tuesday (08/15/06) at the NAS meeting Pueblo Canyon monitor well PAO-3 was destroyed by the flood of 08/08/06. See the attached photos and text below for the dialog. We were preparing to sample PAO-3 the afternoon of August 8th but the well was destroyed before groundwater could be collected. Therefore, data from this well will not be included in the respective monitoring report. One must respect the power of moving water.

Hope all is well,
 ARG



All, the recent rains and subsequent floods in Pueblo canyon have affected a number of sampling locations and the roads we use to access these location. Probably the most significantly impacted was PAO-3, the well was destroyed (gone) see photos of the bollards left behind. I also include a picture from a few years back of the well, note the arroyo in the background. Note the high water mark on the fence at PAO-4.

There were also a number gaging stations damaged I will have Ryan fill you in on those.

MRA

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