

LANL (Las Alamos Canyon Groundwater)
TA-0

Young, John, NMENV

From: Stephen Yanicak [syanicak@lanl.gov]
Sent: Friday, March 17, 2006 10:42 AM
To: groffman@lanl.gov; jeffw@lanl.gov
Cc: Ford-Schmid, Ralph, NMENV; Volkerding, John, NMENV; gturner@doeal.gov; mchacon@sanipueblo.org; rgonzales@sanipueblo.org; Martinez, Claudene; srydeen@sanipueblo.org; nweber@sanipueblo.org; Dale, Michael; katzman@lanl.gov; kgranzow@lanl.gov; mjohansen@doeal.gov; dewart@lanl.gov; Neil Weber; Michael Chacon; Ryan Gonzales; Young, John, NMENV; Cobrain, Dave, NMENV
Subject: Totavi Wells Reconnaissance
Attachments: Totavi Wells1.jpg

Armand and Jeff -

Yesterday Michael Dale and Kim Granzow met with Max Maes and Pueblo de San Ildefonso representatives to locate the Highway Department Totavi wells. They were able to locate the following undamaged wells: MW-3, MW-4, MW-8 and MW-9. Sometime during the last few months these wells were plugged with cement...presumably by the Highway Department. The Pueblo de San Ildefonso was not aware of the this activity. The overturned pad for MW-7 was also located.

The attached map shows the DGPS locations for the above wells and the estimated locations for destroyed wells MW-1, MW-2, MW-5 and MW-6.

SY

At 01:02 PM 3/15/2006, Michael Dale wrote:

Armand and Jeff -

As noted below, Jean Dewart would like for us to help with locating the Totovi Highway Dept wells. Some history, back in 1996 we were interested in sampling two or three of the wells because we felt that two separate saturated zones were present - this was based on the evaluation of the hydrochemical data collected at the Totovi North well in comparison to the other wells located closer to the active stream channel. For example, the Totovi North well contained much less chloride, nitrate, etc. than other wells located near the apex of the canyon. We were not able to sample the wells, however, San Ildefonso Pueblo did allow us to inventory the wells and collect water level data. The two Highway Dept publications concerning the old USTs at Totovi show that there were nine wells drilled, MW-1 through MW-9. Our field work on 7/29/96 indicate that MW-2, MW-5, MW-6, and MW-7 did exist but were severely damaged - probably by Highway Dept. road graders. MW-3, MW-4, MW-8, and MW-9 were still in good condition. We were not able to locate MW-1. Note here that the wells were not marked so we were using our best judgement concerning their identification. Also, we think that MW-4 is what LANL calls Totovi North (presence of surface casing with mushroom cap/cover with LANL lock). I think Totovi North well was last sampled in 1993. Kim and I have put together a map showing our best guess as to the location of the wells and **would be able to go out with your field crew tomorrow or Friday. Please let us know if this will work for you.**

Michael

3/17/2006



Date: Wed, 08 Mar 2006 17:58:10 -0700
To: "Jean M. Dewart" <dewart@lanl.gov>
From: Michael Dale <mdale@lanl.gov>
Subject: Re: assistance request
Cc: syanicak@lanl.gov,ralph.ford-
schmid@state.nm.us,kgranzow@lanl.gov,gturner@doeal.gov

Jean -

No problem showing the crew the locations of the referenced wells. Have the LANL field personnel contact me at 672-0449 or 660-1679 so as to line up a date and time. Take care.

Michael

At 08:48 AM 3/7/2006, you wrote:

Hi Steve, Michael -

We would like to ask for Michael Dale's assistance. We need help in locating some of the gw wells located in Los Alamos Canyon at Totavi. We understand that Michael knows where these are - and we don't!

We'd like to send someone with Michael, to determine if there is water in these wells (do a water level measurement). So, we guesstimate that this effort will not take more than 1/2 day.

Would this be possible to do this month?

Let me know what you think. Thanks for your help -
Jean

Jean Dewart
Environmental Remediation and Surveillance
Environmental Stewardship Division
505-665-0239
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3/17/2006

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(505) 672-0466 -FAX: White Rock DOE OB Office

(505) 428-2515 -Santa Fe DOE OB Administrative Office
(505) 428-2567 -FAX: Santa Fe DOE OB Office

<http://www.nmenv.state.nm.us/> NMED web site http://www.nmenv.state.nm.us/DOE_Oversight/ NMED DOE OB web site

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