

From: Holmes Mark D Civ 377 MSG/CEVR [Mark.Holmes@kirtland.af.mil]
Sent: Tuesday, August 21, 2007 4:27 PM
To: Swanson, Baird, NMENV
Subject: RE: St-106E

Thanks

//Signed//
Mark Holmes
Project Manager
Environmental Management
Restoration Section
505 846-9005

-----Original Message-----
From: Swanson, Baird, NMENV [mailto:baird.swanson@state.nm.us]
Sent: Tuesday, August 21, 2007 4:09 PM
To: Holmes Mark D Civ 377 MSG/CEVR
Subject: RE: St-106E

I should be able to finally complete that by COB Thursday. Thanks for your forbearance.

Baird Swanson
NMED Ground Water Quality Bureau
NMED District 1 Office
5500 San Antonio NE
Albuquerque, NM 87109
[fax (505) 222-9510]
tel (505) 222-9520

-----Original Message-----
From: Holmes Mark D Civ 377 MSG/CEVR [mailto:Mark.Holmes@kirtland.af.mil]
Sent: Tuesday, August 21, 2007 4:01 PM
To: Swanson, Baird, NMENV
Subject: RE: St-106E

Thanks, the extended well casing was something I was considering, but was also thinking in terms of a catastrophic release that could actually deform the surface completion/casing permitting the potential for creating the conduit.

By the by, have you had an opportunity to review the public notification information. I am out of town next week for work and would like to proceed with the notification as soon as possible to keep the process going.

//Signed//
Mark Holmes
Project Manager
Environmental Management
Restoration Section
505 846-9005

-----Original Message-----
From: Swanson, Baird, NMENV [mailto:baird.swanson@state.nm.us]
Sent: Tuesday, August 21, 2007 3:06 PM
To: Holmes Mark D Civ 377 MSG/CEVR
Subject: RE: St-106E

Mark

I have had wells installed inside bermed areas at bulk terminals. The approach used was to finish with a stick-up completion well above the elevation of the bermed area floor height to prevent fluid run-in to the well casing. Also, any well casing can be completed with a water-tight seal, even one which has a redundant second air-inflated packer inside for a double-backup. I hope this helps with your approach.

Baird Swanson

Baird.Swanson@state.nm.us <mailto:Baird.Swanson@state.nm.us> NMED Ground
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From: Holmes Mark D Civ 377 MSG/CEVR [mailto:Mark.Holmes@kirtland.af.mil]
Sent: Tuesday, August 21, 2007 2:20 PM
To: Swanson, Baird, NMENV
Subject: St-106E

Baird

In the Stage 2 AP Mod (PSH discovery), we outlined the activities proposed for FY07 based on the funding we received. Since the original funding was received, we have received additional funding for the ST-106E project to conduct further investigation of the contamination we discovered at the 2 large ASTs in the Bulk Fuels Facility.

While planning for this project, we came up with a dilemma; our plans were to conduct further investigation near the ASTs, where the subsurface contamination was discovered, which entails installation of deep borings that will be completed as either a groundwater monitor well or a soil vapor well. The well would be located within the bermed containment area for the ASTs, which would result in a potential conduit to the Regional Aquifer if the ASTs ever had a surface release. Should we locate the well within this area? We discussed the idea of installing a pilot hole within the berm and then completing a well outside of the berm, but the funding request and resulting funding we received did not include this as a provision, so realistically, we can afford to install one groundwater or vapor well, which would be installed within the soil boring to determine the extent of the contamination near the tank within the bermed containment. Have you regulated any sites that provide some insight/precedence?

Thanks

//Signed//

Mark Holmes

Project Manager

Environmental Management

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