

095024

Darlene

X-Sieve: CMU Sieve 2.2
From: "Paula M. Bertino" <pmb@lanl.gov>
To: <ute@lanl.gov>
Subject: FW: RE: Melanee's e-mail for AOC 16-024(v)
Date: Wed, 7 Mar 2007 10:09:16 -0700
X-Mailer: Microsoft Office Outlook, Build 11.0.5510
Thread-Index: Acdg2tcG74r2MMrRRLCzw99xqsZMUgAAGDQQ
X-PMX-Version: 4.7.1.128075

Hi Ute,

Would you and/or Pam be able to obtain the ER-ID number for this reference?

Paula

From: Melanee Shurter [mailto:mshurter@lanl.gov]
Sent: Wednesday, March 07, 2007 10:06 AM
To: Paula M. Bertino
Subject: Fwd: RE: AOC 16-024(v)

Here is the email you need for your RCR

Melanee

X-Sieve: CMU Sieve 2.2
Subject: RE: AOC 16-024(v)
Date: Tue, 22 Aug 2006 12:34:27 -0600
X-MS-Has-Attach:
X-MS-TNEF-Correlator:
Thread-Topic: AOC 16-024(v)
Thread-Index: AcbGE403c6xz5bMERAcs+oY8AkUGFwABehyQ
From: "Goering, Darlene, NMENV" <darlene.goering@state.nm.us>
To: "Melanee Shurter" <mshurter@lanl.gov>
X-OriginalArrivalTime: 22 Aug 2006 18:36:54.0693 (UTC) FILETIME=[F107A550:01C6C619]
X-Proofpoint-Spam: 0
X-PMX-Version: 4.7.1.128075

Melanee,

As mentioned during our phone conversation, I concur with the proposed path forward.

Darlene

-----Original Message-----

From: Melanee Shurter [mailto:mshurter@lanl.gov]
Sent: Tuesday, August 22, 2006 11:50 AM
To: Goering, Darlene, NMENV
Subject: FW: AOC 16-024(v)



Hi Darlene,

Below are two messages that describe the situation in more detail that we talked about this morning on the phone (ACA Work Plan Execution for AOC 16-024(v)). Based on our conversation, I appreciate your confirmation of our path forward as outlined by Jeff Sanders below.

Please contact me or Jeff Sanders if you have any concerns or questions.

Thank you,
Melanee Shurter,
Project Leader, EP-ERSS
LANL

>X-Sieve: CMU Sieve 2.2
>From: "Jeff Sanders" <sander@lanl.gov>
>To: "Melanee Shurter" <mshurter@lanl.gov>
>Subject: FW: AOC 16-024(v)
>Date: Tue, 22 Aug 2006 11:01:38 -0600
>X-Mailer: Microsoft Office Outlook, Build 11.0.6353
>Thread-Index: AchFdVvh/TtAHhzWSMekaL5o7ILdmwAjrA7A
>X-PMX-Version: 4.7.1.128075
>
> Darlene - as a follow up to our conversation regarding the sampling
>strategy at AOC 16-024(v), this is what we discussed and what was
>agreed to:
>
>The work plan titled "Accelerated Corrective Action Work Plan for Area
>of
>Concern 16-024(v) and Solid Waste Management Units 16-026(r) and
>16-031(f)
>at Technical Area 16" proposed soil sampling at four locations (one at
>each
>of the former building corners), and at 2 depths (6-12" and the
>soil/tuff
>contact). Based on site data collected at SWMU 16-015(b), located a few
>hundred yards to the SE, the depth to bedrock was assumed to be at
>approximately the same depth (around 6 feet). Last week, an excavation
>at
>16-024(v) was conducted to a depth of 7.5 feet. The excavation measures
>9 ft
>by 9 ft. Field screening has not indicated the presence of HE (using a
>spot
>test and an immunoassay test) or for volatile organics using a PID.
>Analytical samples have been collected from the 6"-12" interval.
>
>
>Based on recent information obtained on the geology of the area we have
>discovered that our excavation at 16-024(v) is actually located within

a
>graben associated with the Pajarito Fault zone. The estimated depth to
>tuff
>in the area is approximately 30 to 50 ft bgs. I have talked with Doug
>Volkman and Jamie Gardner (both LANL employees) who were involved with
>the
>2001 seismic survey of the fault zone and they confirmed that our site
>is
>located within this graben. I have attached a pdf of the report that
>discusses the geology of the area. Page 26 and 27 describes the faulted
>area
>where 16-024(v) is located (the site is located about 200 ft west of
>the
>"former steam plant" that is referenced throughout the report).
>
>Our revised sample strategy simply involves allowing our second sample
>set
>to be collected from 8-9 ft bgs instead of at the soil/tuff contact,
>which
>could be very deep. The rationale for this decision was based on the
>fact
>that field screening has not shown any indication of contamination thus
>far
>and the realization that tuff is much deeper than we had anticipated.
>
>If analytical sample results indicate the presence of contaminants,
>LANL is
>prepared to conduct further site characterization at the site.
>
>This deviation from the work plan will be documented in the forthcoming
>Remedy Completion Report associated with this AOC.
>
>If you have any questions, please call me or Melanee. Thanks, Jeff
>
>
>-----Original Message-----
>From: Melanee Shurter [<mailto:mshurter@lanl.gov>]
>Sent: Monday, August 21, 2006 3:59 PM
>To: sander@lanl.gov
>Subject: Fwd: AOC 16-024(v)
>
>Jeff,
>
>FYI and further data collection from EES to prepare for NMED
>discussion.
>
>Melanee
>
>>X-Sieve: CMU Sieve 2.2
>>Subject: AOC 16-024(v)
>>Date: Mon, 21 Aug 2006 13:44:51 -0500

>>X-MS-Has-Attach:
>>X-MS-TNEF-Correlator:
>>Thread-Topic: AOC 16-024(v)
>>thread-index: AcbFUGfa/e5F8r/xTZO/MvLpxlfmyw==
>>From: "Vickie Maranville" <vickie.maranville@mkmengineers.com>
>>To: "Melanee" <mshurter@lanl.gov>
>>CC: "Chris Edgmon" <chris.edgmon@mkmengineers.com>,
>> "Corey Woods" <corey.woods@mkmengineers.com>,
>> "William Warren" <william.warren@mkmengineers.com>
>>X-Proofpoint-Spam: 0
>>X-PMX-Version: 4.7.1.128075
>>

>>Melanee:

>>
>>MKM has excavated AOC 16-024(v) to an approximate depth of 7.5'
>>below ground surface (bgs). We have collected four (4) soil samples
>>from 6-12" bgs, and one (1) duplicate for off-site
>>analytical. Analytical results are pending. The PID readings in
>>the field have been 0.0 ppmv. We also collected four (4) HE field
>>screening samples from 6-12" bgs. We have no detect for HE in the
>>samples collected, and there is no visual indication that HE is
>>present. Based on regional information, we believe the soil tuff
>>interface to be in excess of 25' bgs. We would like to propose to
>>terminate the excavation at 8' bgs, collect a sample from each
>>corner and the center of the excavation for off-site analytical and
>>conduct HE field testing and PID screening from each of the
>>locations. We propose to terminate excavation activities at 8' bgs
>>followed by backfilling the excavation with clean imported
>>fill. Since we have had no detects on the PID or from the HE field
>>screening we believe additional excavation is not warranted at this
>>time. Could you please discuss this approach with NMED and let us
>>know if it is OK to proceed with this approach. We will wait to
>>conduct additional excavation and sampling until you receive
>>approval from NMED. Please feel free to contact me or Chris if you
>>have additional questions. Thanks!

>>
>>Vickie Maranville, CHMM
>>Project Manager
>>MKM Engineers, Inc.
>>505.881.0123 (o)
>>505.881.3005 (f)
>>281.808.5739 (c)
>>vickie.maranville@mkmengineers.com
>>

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Melanee M. Shurter

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