

LANL '07, TA + IC

Roberts, Kathryn, NMENV

From: Roberts, Kathryn, NMENV
Sent: Tuesday, December 11, 2007 2:45 PM
To: 'Becky-Coel Roback'
Cc: Cobrain, Dave, NMENV
Subject: RE: Bayo risk assessment

Becky,

Per our conversation today (December 11, 2007), NMED concurs with the human health risk assessment approach for Bayo Canyon Aggregate Area proposed in your email dated December 7, 2007. The human health risk assessment will be broken out into 4 areas:

- 1) Consolidated Unit 10-001(a)-99
- 2) Consolidated Unit 10-002(a)-99
- 3) SWMU 10-004(a), and
- 4) AOCs 10-009 and C-10-001

Regarding the eco-risk, I will leave that decision up to you and your risk-assessor. NMED allowed eco-risk to be run on the Subarea level at Middle Mortandad/Ten Site. If Bayo Canyon is of similar size or smaller than a Subarea from Middle Mortandad/Ten Site, I don't see any problem with running eco-risk for the entire aggregate area.

Please let me know if you have any questions.

Thanks,
Katie

From: Becky-Coel Roback [mailto:becky_cr@lanl.gov]
Sent: Friday, December 07, 2007 11:42 AM
To: Roberts, Kathryn, NMENV
Subject: Bayo risk assessment
Importance: High

Katie--are you in today? For some reason, your phone number is malfunctioning. I wanted to discuss a proposed human health risk approach with you for Bayo Canyon. We are proposing that we run human health risk screening on:

- 1) Consolidated Unit 10-001(a)-99--firing sites (similar processes, contaminants, and geographic area);
- 2) Consolidated Unit 10-002(a)-99--"Central Area", laboratory, liquid waste disposal areas (same rationale as above)
- 3) SWMU 10-004(a)--Septic tank (not part of a consolidated unit, geographically separate from other sites)
- 4) AOCs 10-009 and C-10-001--debris disposal and contaminated soil (C-10-001 is wholly contained within the boundary of 10-009 and appears to be the result of the same historical activities as 10-009).

Figure 2.1-4 from the work plan is attached for clarification. I'd like to discuss this approach with you at your convenience. I haven't thought too much about eco risk yet...we could do either the same as human health, or the canyon as a whole. It would be good to have your thoughts on that as well.

Thanks!
Becky

Becky Coel-Roback
EP-CAP
Los Alamos National Laboratory
PO Box 1663, Mail Stop:M992
Los Alamos, NM 87544
phone:(505) 665-5011

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