

TAD3

**Kulis, Jerzy, NMENV**

From: Mark Everett [meverett@lanl.gov]
Sent: Wednesday, September 24, 2008 12:35 PM
To: Cobrain, Dave, NMENV
Cc: Young, John, NMENV; katzman@lanl.gov; Kulis, Jerzy, NMENV
Subject: Request to omit bentonite grout from R-43 annular fill material
Follow Up Flag: Follow up
Flag Status: Completed
Attachments: R-43construction2.pdf; RE: R-35 backfilling procedure

Dave,

Attached is a copy of the proposed well design for R-43. In light of the recent discovery of bentonite grout in the R-25c well screen and reflecting back on a similar occurrence at R-35a, LANL is requesting that all bentonite grout presented on the attached well design be replaced with hydrated bentonite chips. Bentonite chips will be added in 10 foot lifts and hydrated before adding the next lift. Additionally, as in the attached backfilling procedure for R-35 LANL requests permission to add the bentonite chips through the drill casing rather than through a tremie pipe once we are 50 feet above the top of the regional aquifer (DTW = 894'). All material from 844 feet down to the bottom of the borehole will be tremied in place.

Please respond with your concurrence to just use chips or direction to continue with the use of bentonite grout. Additionally, please let us know if using the drill casing to emplace the chips above the aquifer is acceptable to you.

Sincerely,

Mark Everett, PG
Drilling Project Lead
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3/26/2009

