

HLWYM HEmails

From: Miriam Juckett
Sent: Monday, December 20, 2004 12:06 PM
To: Zell Peterman/YM/RWDOE
Subject: RE: USGS dust sample request

That's really quite interesting. Thanks for the update. When I looked at the two dust samples that came from the Death Valley area, they were approximately 16% soluble by weight. I'm surprised that the surface samples from YM aren't more similar. I haven't gotten to do anything to them yet, as I'm still finishing up with the DV samples.

Thanks again.

Miriam Juckett, Scientist
Southwest Research Institute
Center for Nuclear Waste Regulatory Analyses 6220 Culebra Road, San Antonio, TX 78238
Email: mjuckett@swri.org
Office: (210)522-3266

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

From: Zell Peterman/YM/RWDOE [mailto:Zell_Peterman@ymp.gov]
Sent: Friday, December 17, 2004 4:32 PM
To: mjuckett@cnwra.swri.edu
Cc: Carol Hanlon/YD/RWDOE; Cliff Howard/YM/RWDOE
Subject: RE: USGS dust sample request

Hi Miriam: We just completed analyses of some of our surface dust samples and was very surprised to see that the soluble salt contents are unusually low. The two surface samples that we sent you have soluble salt contents (wt percent) of 0.024 and 0.026 percent, respectively. The estimated salt contents that I mentioned to you were based on reported values for dust from pan collectors that also collect precipitation. We can only conclude that when the dust accumulates on rock surfaces or soil, the soluble salts are leached out. BSC will be installing units that will collect only dryfall so we will then be able to measure the actual soluble salt contents excluding rainwater salts. If you need more subsurface samples, just let us know.

----- Forwarded by Zell Peterman/YM/RWDOE on 12/17/2004
03:23 PM -----

Miriam Juckett <mjuckett@cnwra.swri.edu> on 12/02/2004 01:21:16 PM

Please respond to mjuckett@cnwra.swri.edu

To: "'Connie Sorell/YM/RWDOE'" <Connie_Sorell@notes.ymp.gov>
cc: "'Carol Hanlon/YD/RWDOE'" <Carol_Hanlon@notes.ymp.gov>, "'Zell Peterman/YM/RWDOE'" <Zell_Peterman@ymp.gov>
Subject: RE: USGS dust sample request

User Filed as: Not Categorized in ERMS

I received the samples today.
Thank you very much.

Miriam Juckett, Scientist
Southwest Research Institute
Center for Nuclear Waste Regulatory Analyses 6220 Culebra Road, San Antonio, TX 78238
Email: mjuckett@swri.org

Office: (210)522-3266

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

From: Connie Sorell/YM/RWDOE [mailto:Connie_Sorell@notes.ymp.gov]

Sent: Wednesday, December 01, 2004 3:26 PM

To: miriam.juckett@swri.org

Cc: Carol Hanlon/YD/RWDOE; Zell Peterman/YM/RWDOE

Subject: USGS dust sample request

Dear Ms. Juckett,

Per Zell Peterman's request, 4 bulk dust samples were shipped to you via FedEx.

Samples sent on 12/01/2004:

SPC00574982	10.5 grams, unsized, ESF 8+61 to 8+62.7
SPC00574983	10.5 grams, unsized, ESF 12+63.2 to 12.65A
SPC01030803	11.0 grams, unsized, surface sample
SPC01030805	10.3 grams, unsized, surface sample

No bulk dust samples are available from the Cross Drift.

Please acknowledge receipt of these samples upon delivery.

Regards,

Connie Sorell

PST, Environmental Science Team

EST/USGS

Hearing Identifier: HLW_YuccaMountain_Hold_EX
Email Number: 966

Mail Envelope Properties (mjuckett@cnwra.swri.edu20041220120500)

Subject: RE: USGS dust sample request
Sent Date: 12/20/2004 12:05:55 PM
Received Date: 12/20/2004 12:05:00 PM
From: Miriam Juckett

Created By: mjuckett@cnwra.swri.edu

Recipients:
"Zell Peterman/YM/RWDOE" <Zell_Peterman@ymp.gov>
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	3168	12/20/2004 12:05:00 PM

Options

Priority:	Standard
Return Notification:	No
Reply Requested:	No
Sensitivity:	Normal
Expiration Date:	
Recipients Received:	