From: Williams, Jonathan
To: Scott.Miller@deq.idaho.gov; Zavala, Bernie
Cc: Vilpas, Sirkku
Subject: RE: DEQ Comments on the FMC OU August 2014 Hydrogeologic Study Report
Date: Friday, August 29, 2014 3:30:19 PM

Not a problem. I'm glad to receive your comments. Did you hear back from the confused recipient?

Jonathan Williams, LHG
Remedial Project Manager
U.S. Environmental Protection Agency
1200 Sixth Avenue, Suite 900, ECL-111
Seattle, WA 98101

Telephone: (206) 553-1369
E-mail: williams.jonathan@epa.gov

From: Scott.Miller@deq.idaho.gov [mailto:Scott.Miller@deq.idaho.gov]
Sent: Friday, August 29, 2014 1:09 PM
To: Williams, Jonathan; Zavala, Bernie
Subject: RE: DEQ Comments on the FMC OU August 2014 Hydrogeologic Study Report

Sorry for the confusion, I will try to keep from confusing email address next time.

Scott A. Miller, P.G. | Environmental Hydrogeologist
Idaho Department of Environmental Quality
Main: 208.373.0502 Direct: 208.373.0328

From: Williams, Jonathan [mailto:Williams.Jonathan@epa.gov]
Sent: Friday, August 29, 2014 10:36 AM
To: Zavala, Bernie
Cc: Scott Miller
Subject: RE: DEQ Comments on the FMC OU August 2014 Hydrogeologic Study Report

Thanks. I had not received the comments as they were sent to an address that I don't recognize. It's not my home e-mail.

Jonathan Williams, LHG
Remedial Project Manager
U.S. Environmental Protection Agency
1200 Sixth Avenue, Suite 900, ECL-111
Seattle, WA 98101

Telephone: (206) 553-1369
E-mail: williams.jonathan@epa.gov

From: Zavala, Bernie
Sent: Friday, August 29, 2014 9:16 AM
To: Williams, Jonathan
Subject: FW: DEQ Comments on the FMC OU August 2014 Hydrogeologic Study Report

Jonathan,

Not sure if you got Scott's comments on HSR from FMC. Scott may have sent his comments to your home email address. (?)

Bernie

****
Bernie Zavala, Hydrogeologist, LG LHG
US EPA, Region 10
Office of Environmental Assessment
1200 6th Avenue, OEA-095
Seattle, WA 98101
Phone: 206-553-1562
Zavala.Bernie@EPA.Gov
****

From: Scott.Miller@deq.idaho.gov [mailto:Scott.Miller@deq.idaho.gov]
Sent: Tuesday, August 12, 2014 11:16 AM
To: jwilliams@jbrenv.com; Zavala, Bernie
Cc: Douglas.Tanner@deq.idaho.gov
Subject: DEQ Comments on the FMC OU August 2014 Hydrogeologic Study Report

Jonathan,

My comments on the FMC OU – Soil Remedial Design Hydrogeologic Study Report dated August 2014 are provided below. Please contact me if you have any question or prefer a different format.

Table 5.2 page 5-7;

The estimated hydraulic conductivity value for EW-03 (0.27 cm/s) does not match the value presented on Figure 5-7 (0.189 cm/s), please correct accordingly.

Section 6.2 Model Calibration Assessment, page 6-4;

Please provide a transient calibration assessment using the 24 hour and or the 72 hour aquifer tests.

Figure 6-1;

Please provide a figure displaying how the new hydraulic conductivity (K) values were actually distributed in the model, i.e. model grid with new and historic K values. Based on what is presented in Figure 6-1 it would be expected to see ground water flow around the extraction area and the extraction wells due to the lower Ks in there vicinity compared to the

surrounding area.

Thanks,
Scott

Scott A. Miller, P.G. | Environmental Hydrogeologist
Idaho Department of Environmental Quality
Main: 208.373.0502 Direct: 208.373.0328