From:	Sheldrake, Beth
To:	McDonnell, Kimberlee
Subject:	FW: Five-Year Review - Eastern Michaud Flats Superfund Site
Date:	Friday, October 16, 2015 9:28:50 AM
Attachments:	EMF FYR September 2015 Final_Combined.pdf

Lepic FOIA

Beth Sheldrake | **Unit Manager**
U.S. Environmental Protection Agency | Region 10
Office of Environmental Cleanup
Superfund Site Cleanup Unit #1
p: 206.553.0220 | **c: 206.890-1827** | sheldrake.beth@epa.gov

From: Jennings, Jannine
Sent: Friday, October 16, 2015 8:33 AM
To: Shirley, Joan; Schanilec, Kevin; Boyd, Andrew
Cc: Williams, Jonathan; Sheldrake, Beth
Subject: FW: Five-Year Review - Eastern Michaud Flats Superfund Site

Joan, Andy and Kevin,

Attached is a copy of the EMF Five Year Review and the message sent to the Tribes, State and Simplot (Jonathan is sending FMC a copy separately) transmitting the document. The only difference with what I sent them and you is that yours comes all as a single document while I split off the appendices for theirs.

As an FYI, I received an email from Kelly Wright last week asking when they would get the final and our response to their comments. Jill Grant was cc'd on his message and she provided the following response:

Jannine,

Thanks for providing a copy of the final report. We'll look forward to receiving the response to comments.

Jill

We are working towards finalizing our response to comments and sending it their direction.

Thank you for your assistance as we struggled through the many nuances of this review and site. It's definitely been a logic problem that kept my brain stimulated for awhile.

Jannine

Jannine Jennings
EPA Remedial Project Manger
206-553-2724
jennings.jannine@epa.gov

From: Jennings, Jannine
Sent: Friday, October 16, 2015 8:21 AM
To: Margie English; Monty Johnson; Douglas Tanner; Kelly Wright; Scott.Miller@deq.idaho.gov
Cc: susanh@ida.net; Williams, Jonathan; (Paul.Patchin@deq.idaho.gov)
Subject: Five-Year Review - Eastern Michaud Flats Superfund Site

On September 28, 2015 Cami Grandinetti signed EPA's First Five Year Review for the Eastern Michaud Flats Superfund Site. Thank you for your input and assistance during the review. A copy of the final report is attached. The appendices will follow in a separate email, thus hoping to avoid any file size limitations that may exist.

Since the remedial design and construction at the EMF site have not yet been completed and since there are several active environmental regulatory actions occurring at the J.R. Simplot Don Plant and former FMC facility, this was a complicated FYR. Following review of activities at the Site, EPA found that while the remedies selected in the Simplot and FMC IRODAs are being implemented as selected and human health is currently being protected, the ecological exposure pathways to the Portneuf River have not yet been controlled and thus overall **the remedies for the Simplot and FMC operable units are not protective at this time**. EPA believes, however, that upon completion of the remedies selected in the 1998 Record of Decision and the 2010 and 2012 ROD Amendments, Remedial Action Objectives will be achieved and the remedies will be protective of human health and the environment. As such, the selected remedies should continue to be implemented as planned.

The selected remedy for the Off-Plant Operable Unit calls for implementation of institutional controls where cadmium and radium concentrations in soils

exceed specified risk thresholds, fluoride monitoring to determine if additional source controls or other actions are needed to address impacts from fluoride and groundwater monitoring to evaluate effectiveness of the remedial actions implemented at the FMC and Simplot OUs. While the groundwater is being monitored as part of the FMC and Simplot actions and several studies were undertaken to better characterize potential human health and ecological risks, EPA has not fully evaluated the data gathered from 2009 to 2011 and we have not yet determined if or where institutional controls or other actions may be required under the selected remedy. For these reasons, **EPA has deferred making a protectiveness determination in the Five Year Review for the Off Plant Operable Unit**. In order to address this gap, EPA will first summarize the available information in a single document and then, based on the criteria outlined in the 1998 ROD, we will make a determination as to where the selected remedy must be implemented.

If you have any questions regarding this review report, please do not hesitate to contact Jonathan Williams at 206-553-1369 or myself at 206-553-2724.

Jannine

Jannine Jennings
EPA Remedial Project Manger
206-553-2724
jennings.jannine@epa.gov