From:	THOMAS Wesley * DEQ
To:	DAUGHERTY Katie * DEQ
Subject:	RE: Arkema Portland - January 2023 MPR (QCAT 24820)
Date:	Monday, March 20, 2023 3:41:00 PM
Attachments:	2023-03-20_Jan2023 Monthly Progress Report_WAT-Comments.docx image001.png image002.png

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Same comments as last month. It would be nice if the vertical gradients in Table 1-2 were corrected (at least moving forward). The other one I can let go. Has more to do with the FS anyway.

Wesley Thomas, P.E.
Project Manager/Environmental Engineer
O: 503-229-6932
M: 971-263-8822
Wesley.Thomas@deq.oregon.gov

From: DAUGHERTY Katie * DEQ <Katie.DAUGHERTY@deq.oregon.gov>
Sent: Monday, March 20, 2023 8:12 AM
To: Benjamin Johnson <bjohnson@gsiws.com>; THOMAS Wesley * DEQ <Wesley.THOMAS@deq.oregon.gov>; LACEY David J * DEQ <David.J.LACEY@deq.oregon.gov>
Subject: FW: Arkema Portland - January 2023 MPR (QCAT 24820)

Hi Ben, Dave, Wes,

The month MPR is attached for Ben and located HERE for Wes and Dave. Let me know if you have a burning comment that needs to be addressed in future MPR but otherwise informational.

Thanks
Katie

From: Andrew Gardner <Andrew.Gardner@erm.com>
Sent: Wednesday, March 15, 2023 2:09 PM
To: DAUGHERTY Katie * DEQ <Katie.DAUGHERTY@deq.oregon.gov>
Cc: Todd SLATER <todd.slater@totalenergies.com>; Josh Hancock <Josh.Hancock@erm.com>; Sarah Seekins <Sarah.Seekins@erm.com>; Brendan Robinson <Brendan.Robinson@erm.com>; Morgan Farmer <Morgan.Farmer@erm.com>
Subject: RE: Arkema Portland - January 2023 MPR

Katie,

The January 2023 MPR is attached. This report addresses your comments dated 28 February.

Please let us know if you have any questions or comments.

Thanks,
Andrew Gardner, EIT (OR)
Consultant II, Engineering
he/him/his

ERM
1050 SW 6th Ave. Suite 1650 | Portland, Oregon | 97204
M (503) 858-8811
E andrew.gardner@erm.com | **W** www.erm.com

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From: DAUGHERTY Katie * DEQ <Katie.DAUGHERTY@deq.oregon.gov>
Sent: Tuesday, February 28, 2023 08:02
To: Andrew Gardner <Andrew.Gardner@erm.com>
Cc: Todd SLATER <todd.slater@totalenergies.com>; Josh Hancock <Josh.Hancock@erm.com>; Sarah Seekins <Sarah.Seekins@erm.com>; Brendan Robinson <Brendan.Robinson@erm.com>; Morgan Farmer <Morgan.Farmer@erm.com>
Subject: RE: Arkema Portland - December 2022 MPR

EXTERNAL MESSAGE

Hi Andrew,

A couple of comments on the MPR

1. **Section 2, Groundwater Source Control Implementation.** The first sentence of the fifth paragraph states "The distribution of COPCs at the site is predominantly within the Shallow Zone, with decreasing impacts observed in the Intermediate and Deep Zones." It appears that this statement was also made in previous monthly performance monitoring reports. This statement is overly broad and does not reflect the distribution of chlorinated VOCs, chloride, and perchlorate that have been the focus of groundwater sampling since 2019. DEQ recommends removing this statement from future monthly performance monitoring reports.
2. **Table 1-2, December Vertical Gradients.** There appears to be an error in the vertical gradient calculations presented in the table. DEQ assumes that the vertical gradients presented in Figures 5 and 6 are correct. Please correct the vertical gradients presented in Table 1-2 in future monthly performance monitoring reports.

Thanks,
Katie

Katie Daugherty, R.G | she/her
Project Manager
Oregon DEQ | NWR Cleanup and Leaking UST Section
700 NE Multnomah Street, Suite 600
Portland, OR 97232
503-860-3943
Katie.Daugherty@deq.oregon.gov

From: Andrew Gardner <Andrew.Gardner@erm.com>
Sent: Wednesday, February 15, 2023 2:37 PM
To: DAUGHERTY Katie * DEQ <Katie.DAUGHERTY@deq.oregon.gov>
Cc: Todd SLATER <todd.slater@totalenergies.com>; Josh Hancock <Josh.Hancock@erm.com>; Sarah Seekins <Sarah.Seekins@erm.com>; Brendan Robinson <Brendan.Robinson@erm.com>; Morgan Farmer <Morgan.Farmer@erm.com>
Subject: Arkema Portland - December 2022 MPR

Katie,

The December 2022 MPR is attached. Please let us know if you have any questions or comments.

Thanks,

Andrew Gardner, EIT (OR)
Consultant II, Engineering
he/him/his

ERM
1050 SW 6th Ave. Suite 1650 | Portland, Oregon | 97204
M (503) 858-8811
E andrew.gardner@erm.com | **W** www.erm.com

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