From: Warfel, Michael (ECY)
To: Katy R. Atakturk
Cc: John Eliason; Dana Carlisle; Monica C. Evans; Kevin Preston
Subject: RE: VCP Request for Opinion: KCHA Former Park Lake Home Maint. Center
Date: Tuesday, May 31, 2022 10:34:42 AM

Hello All:

Thank you for submitting the groundwater monitoring report and Voluntary Cleanup Program (VCP) opinion request for this Site. Ecology is providing this email in response to your request dated April 5, 2022 and the associated *Annual Groundwater Monitoring Report 2021, KCHA Former Park Lake Homes*, dated April 1, 2022. The purpose of this email is to facilitate continued collection of quarterly groundwater monitoring data at the Site, and to provide a more timely response in advance of the VCP opinion letter.

Ecology provides the following comments:

- Evaluating compliance with Method A groundwater cleanup levels for TPH-D and TPH-O requires adding the two fractions and comparing their laboratory results to the cleanup level, in accordance to the following Ecology guidance documents:

  - *Implementation Memorandum #4, Determining Compliance with Method A Cleanup Levels for Diesel and Heavy Oil, Publication No. 04-09- 086, June 2004* (https://apps.ecology.wa.gov/publications/SummaryPages/0409086.html)

  - *Guidance for Remediation of Petroleum Contaminated Sites, Publication No. 10-09-057, revised June 2016* (https://apps.ecology.wa.gov/publications/SummaryPages/1009057.html)

- Therefore, Ecology does not concur with eliminating TPH-D from groundwater sampling of monitoring well MW-2. Also, please modify future Site reports by adding a column for TPH-D+O in data tables, and adding TPH-D+O to the time-series data plot for monitoring well MW-2.

- Collection of representative groundwater samples from well MW-2 requires removal of the ORC socks prior to sampling, and demonstration that the groundwater levels and groundwater field parameters (especially dissolved oxygen) have stabilized prior to sample collection.

- Demonstration of compliance with groundwater cleanup levels requires collection of consecutive quarterly groundwater samples; i.e., every 3 months. The groundwater sampling intervals at this Site have not provided consecutive quarterly data.

Ecology appreciates the ongoing efforts of KCHA in pursuing cleanup of this Site under the VCP.

Sincerely,

Michael R. (Mike) Warfel, LG, LHG, RG
Site Manager, Voluntary Cleanup Program
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Ecology web site: https://ecology.wa.gov/

From: Katy R. Atakturk <katakturk@geoengineers.com>
Sent: Tuesday, April 5, 2022 11:15 AM
To: Warfel, Michael (ECY) <MWAR461@ECY.WA.GOV>
Cc: John Eliason <JohnE@kcha.org>; Dana Carlisle <dcarlisle@geoengineers.com>; Monica C. Evans <mevans@geoengineers.com>; Kevin Preston <KevinP@kcha.org>
Subject: VCP Request for Opinion: KCHA Former Park Lake Home Maint. Center

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Hi Mike,

On behalf of the King County Housing Authority we are submitting the Annual Groundwater Monitoring Report and a VCP Request for Opinion for the Former Park Lake Homes Maintenance Center Site (VCP Project No. NW3033). Attached to this email are the following relevant documents:

Cover Letter
VCP Request for Opinion
Annual Groundwater Monitoring Report (2021) by GeoEngineers

Please let us know if you have any questions.

Best regards,
Katy Ataktürk, LG
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