



THE STATE
of **ALASKA**
GOVERNOR MICHAEL J. DUNLEAVY

Department of Environmental Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Site Program

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File: 2320.38.029, 2320.38.031,
2320.38.033, 2320.38.032

March 16, 2020

Kelley Nixon
Hilcorp Alaska, LLC
3800 Centerpoint Drive
Suite 100
Anchorage AK 99503

Re: Kenai Gas Field
2019 Groundwater Monitoring Program Report
ADEC Report Approval and Comments

Dear Ms. Nixon:

The Kenai Area Office of the Alaska Department of Environmental Conservation, Contaminated Site Program (ADEC) has reviewed the 2019 Groundwater Monitoring Program Report for the Kenai Gas Field, dated November 2019.

ADEC approves the 2019 report and offers the following comments at this time:

- 1) The elimination of KGF14-6 monitoring wells MW-1, MW-3, MW-14, MW-15 and MW-21 removed the ability to monitor or estimate the concentration of free product hydrocarbon on the KGF 14-6 pad. Historical data for these monitoring wells should be maintained in the data tables, along with well locations on the maps to aid in the understanding of future impacts and to the understanding of pad dynamics.
- 2) KGF 41-7. It appears that there is a downward potential in the potentiometric surface in monitoring wells that penetrate the peat layer of the pad. When monitoring well MW-24 is replaced, this well should be replaced with two wells, one shallow (less than 11' BGL) within the peat and one well screened deeper within in the mineral soils. Care should be taken to tremi grout MW-24 from the base out when the well is abandoned. MW-20 should also be evaluated to determine if this well has a downward potential that may contribute to contamination of the lower aquifer.

If you have specific questions regarding this site, you can reach me at 907-262-3412 or via email at peter.campbell@alaska.gov.

Ms. Kelley Nixon
Kenai Gas Field

March 16, 2020

Sincerely,

A handwritten signature in black ink, appearing to read "Peter Campbell". The signature is fluid and cursive, with a large initial "P" and "C".

Peter Campbell
Project Manager
ADEC Contaminated Sites Program

Electronic copy: Kimi Lloyd, Brice Environmental Services