

**STATE OF ALASKA**  
**ALASKA OIL AND GAS CONSERVATION COMMISSION**  
**333 West 7<sup>th</sup> Avenue**  
**Anchorage, Alaska 99501**

Re: **THE APPLICATION OF** ) Area Injection Order No. 005.017  
**HILCORP ALASKA, LLC.** for )  
Administrative Approval to add ) Dolly Varden Platform  
treated sanitary waste to the enhanced ) Steelhead Platform  
oil recovery fluids at McArthur River ) Trading Bay Unit  
field. ) McArthur River Field  
 ) Middle Kenai G, Hemlock, and West  
 ) Foreland Oil Pools

December 6, 2013

By letter dated September 20, 2013 Hilcorp Alaska, LLC (Hilcorp) applied for approval to add treated sanitary waste (treated effluent or TSW) to the Enhanced Oil Recovery (EOR) injection operations governed by provisions of the underlying AIO 005.000. The Alaska Oil and Gas Conservation Commission (AOGCC) hereby **GRANTS** the Hilcorp request for administrative approval.

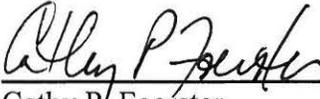
Hilcorp's application provided water sample chemical compatibility analysis and mixing ratio data for TSW being mixed with Dolly Varden platform filtered inlet water and Steelhead platform filtered inlet water.

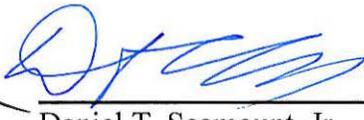
AOGCC has reviewed the analysis of the TSW provided in the application and concurs that the TSW is appropriate to augment the EOR fluid for the Dolly Varden platform and Steelhead platform.

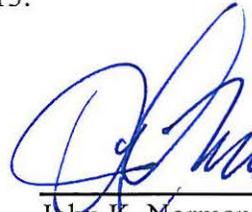
Rule 9 of AIO 5.000 allows the AOGCC to administratively amend any rule stated as long as the operator demonstrates to the AOGCC's satisfaction that sound engineering practices are maintained and the amendment will not result in an increased risk of fluid movement into an underground source of drinking water.

Finding 4 of AIO 5.000 states that the portion of aquifers beneath the Cook Inlet described by a ¼ mile area beyond and lying directly below the Trading Bay Unit are exempted for Class II injection activities by 40 CFR 147.102(b)(2)(B) and 20 AAC 25.440(c).

**DONE** at Anchorage, Alaska and dated December 6, 2013.

  
Cathy P. Foerster  
Chair, Commissioner

  
Daniel T. Seamount, Jr.  
Commissioner

  
John K. Norman  
Commissioner



**RECONSIDERATION AND APPEAL NOTICE**

As provided in AS 31.05.080(a), within **20** days after written notice of the entry of this order or decision, or such further time as the AOGCC grants for good cause shown, a person affected by it may file with the AOGCC an application for reconsideration of the matter determined by it. If the notice was mailed, then the period of time shall be **23** days. An application for reconsideration must set out the respect in which the order or decision is believed to be erroneous.

The AOGCC shall grant or refuse the application for reconsideration in whole or in part within 10 days after it is filed. Failure to act on it within 10-days is a denial of reconsideration. If the AOGCC denies reconsideration, upon denial, this order or decision and the denial of reconsideration are **FINAL** and may be appealed to superior court. The appeal **MUST** be filed within **33** days after the date on which the AOGCC mails, **OR 30** days if the AOGCC otherwise distributes, the order or decision denying reconsideration, **UNLESS** the denial is by inaction, in which case the appeal **MUST** be filed within **40** days after the date on which the application for reconsideration was filed.

If the AOGCC grants an application for reconsideration, this order or decision does not become final. Rather, the order or decision on reconsideration will be the **FINAL** order or decision of the AOGCC, and it may be appealed to superior court. That appeal **MUST** be filed within **33** days after the date on which the AOGCC mails, **OR 30** days if the AOGCC otherwise distributes, the order or decision on reconsideration. As provided in AS 31.05.080(b), "[t]he questions reviewed on appeal are limited to the questions presented to the AOGCC by the application for reconsideration."

In computing a period of time above, the date of the event or default after which the designated period begins to run is not included in the period; the last day of the period is included, unless it falls on a weekend or state holiday, in which event the period runs until 5:00 p.m. on the next day that does not fall on a weekend or state holiday.