NOTICE OF REVIEW
APDES Proposed Final Individual Permit

Alaska Department of Environmental Conservation (DEC)
Wastewater Discharge Authorization Program
555 Cordova Street
Anchorage, Alaska 99501

NOTICE OF APPLICANT REVIEW OF AN ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM (APDES) PROPOSED FINAL INDIVIDUAL PERMIT TO DISCHARGE TO WATERS OF THE UNITED STATES

Following the close of a 30-day public notice and review period, DEC has prepared a proposed final APDES individual permit AK0055921 - Oil Search (Alaska), LLC, Seawater Treatment Plant (Permit). Prior to making the final decision to issue the permit, DEC invites you to view the proposed final permit and associated documents. You can access the proposed final permit and associated documents at the DEC website (http://dec.alaska.gov/water/wastewater/) under the Notice of Review section.

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Alaska Department of Environmental Conservation
Division of Water - Wastewater Discharge Authorization Program
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Proposed Final Permit Review:

Start Date:  February 22, 2022
End Date:  March 1, 2022 11:59 pm Alaska Standard Time

Permit No.: AK0055921

Applicant:  Oil Search (Alaska), LLC
Seawater Treatment Plant
Oliktok Point, Simpson Lagood
P.O. Box 240927
Anchorage, Alaska 99524
Proposed Permit Coverage:

The proposed permit is a first-time issuance individual permit for wastewater discharges from the Oil Search, LLC Seawater Treatment Plant into Simpson Lagoon, Beaufort Sea. The facility will be located on the mainland shoreline at Oliktok Point at the western end of Simpson Lagoon and the eastern side of Harrison Bay in the Beaufort Sea and will function as a treatment and distribution point for waterflood used to maintain formation pressures and enhance oil recovery. The facility will be co-located next to another existing seawater treatment plant at Oliktok Point. During seawater treatment processes, industrial discharges will be permitted to occur from:

- Outfall 001 – Strainer/Filter Backwash

The discharge of strainer/filter backwash include(s) the authorization of a chronic mixing zone for temperature, total residual chlorine, pH, whole effluent toxicity, and salinity as well as an acute mixing zone for total residual chlorine. The acute and chronic mixing zones for Outfall 001 are rectangular in shape with the area centered on the single port diffuser (latitude 70.512369°, longitude -149.855606°) and extend from the seafloor to the unfrozen sea surface as described below.

- The acute has a length of 20 meters (m) (10 meters in each prevailing current direction) aligned perpendicular to the diffuser and a width of 30 m. The associated dilution factor is 11.5.
- The chronic mixing zone has a length of 410 m (205 m in each prevailing current direction) aligned perpendicular to the diffuser and a width 120 m. and an associated dilution factor of 21.5.

Determination:

DEC proposes to issue the above listed permit.

Public Comments:

Comments from the general public were accepted during the Public Notice period from December 28, 2021 through January 28, 2022 and will not be accepted during this review period.

Deadline for Written Applicant Review Comments:

The deadline for proposed final permit review comments by the applicant is March 1, 2022, 11:59 pm Alaska Standard Time.

Administrative Record:

The APDES Proposed Final Permit, Fact Sheet and associated documents are available for public review at the DEC offices located in Anchorage, Fairbanks, Juneau, Wasilla, and Soldotna. Please contact the office of your choice to arrange for hard copies of the documents to be available for your review.
If you would like further information or to see any additional supporting technical documents, contact the permit writer at the address shown on page 1.

The documents are also accessible from the DEC website (http://dec.alaska.gov/water/wastewater/) under the Notice of Review section.

To receive email notifications about the APDES Program, including when permits are available to review, follow the link below to join the APDES email list. http://list.state.ak.us/mailman/listinfo/DEC-APDES/

Disability Reasonable Accommodation Notice

The State of Alaska, DEC complies with Title II of the Americans with Disabilities Act of 1990. If you are a person with a disability who may need a special accommodation in order to participate in this public process, please contact Garrett Odom at (907) 269-0291 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within five-days, 10-days of publication of this notice to ensure that any necessary accommodations can be provided.