



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10**

1200 Sixth Avenue, Suite 155  
Seattle, WA 98101-3123

LAND, CHEMICALS &  
REDEVELOPMENT  
DIVISION

May 24, 2021

Ms. Stephanie Plate, PE  
Tesoro Alaska Company, LLC  
P.O. Box 3369  
Kenai, Alaska 99611-3369

Re: Approval of "Updated Conceptual Site Model and Remedial Alternatives Evaluation for the 1987 Hot Oil Pipeline Release, Revision 2"  
Tesoro Alaska Company, LLC  
EPA ID: AKD 04867 9682

Dear Ms. Plate:

EPA has reviewed Tesoro's report entitled "Updated Conceptual Site Model and Remedial Alternatives Evaluation for the 1987 Hot Oil Pipeline Release, Revision 2" (Report), dated April 22, 2021 and Tesoro's responses to EPA's comments on the previous version of the Report. This Report was submitted as a requirement of Tesoro's Resource Conservation and Recovery Act Permit. In this Report Tesoro proposes "Alternative 3: Bio-sparge Source Treatment with Seep Monitoring and Mitigation," in addition to the natural source-zone depletion described in alternative 1, as the remedy for the source of the Kenai Beach Release. EPA hereby approves the Report and the responses to EPA's comments.

EPA approves Tesoro's proposal to conduct further investigation to collect additional data to support design and implementation of a bio-sparge remediation system. Tesoro must submit to EPA for review and approval, within 90 days of receipt of this letter, a Work Plan for the design, installation, startup, operation, monitoring, and evaluation of the effectiveness of the bio-sparge remediation system, including a plan for monitoring the effectiveness of the source-zone depletion. Tesoro must continue the ongoing regular monitoring and mitigation of the beach seeps as proposed.

If you have any questions regarding this letter please contact me at (206) 553-6702 or [palumbo.jan@epa.gov](mailto:palumbo.jan@epa.gov).

Sincerely,

Jan Palumbo, Permit Writer  
RCRA Permits, Corrective Action and PCBs Unit

cc: John Harry, ADEC  
Peter Campbell, ADEC