

**ADMINISTRATIVE APPROVAL NO. AIO 18A.01**

Re: **The application from Phillips Alaska, Inc.** to mix treated wastewater effluent with Class II EOR injection fluids as needed when the primary disposal well is unavailable in the Colville River Field, Alpine Oil Pool, North Slope, Alaska.

Thomas Manson  
Michael Nelson  
Alpine Development Project  
P.O. Box 196860  
Anchorage, AK 99519-6860

Gentlemen:

By letter dated May 12, 2002, Phillips Alaska, Inc. ("PAI") requested authorization to blend treated wastewater effluent with seawater for injection into Class II enhanced oil recovery (EOR) wells in the Alpine Oil Pool when the primary disposal well (WD-02) is unavailable. The Commission may authorize the injection of fluids for enhanced recovery of oil and gas if the fluid is appropriate for enhanced recovery.

The Commission has reviewed the analyses of the treated waste effluent provided in your application. Based on the effluent analysis and that of the seawater being used in the EOR process, the Commission concludes that the characteristics of the treated effluent are consistent with other aqueous fluids used for EOR injection. The estimated mix of 1% effluent with seawater injectant will not impact properties of the seawater as it relates to EOR efficiency.

Therefore, in accordance with the provisions of Area Injection Order 18A, the Commission approves the mixing of camp waste effluent with Class II fluids used for EOR. As a condition of this approval PAI must continue to collect and analyze representative samples of the mixed fluid stream to demonstrate its continued suitability for EOR injection. Analysis results shall be retained according to the provisions of 20 AAC 25.310. Volumes shall be incorporated into the monthly (Form 10-406) and annual (Form 10-413) injection reports.

**DONE** at Anchorage, Alaska and dated August 1, 2002.

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Cammy Oechsli Taylor  
Chair

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Daniel T. Seamount, Jr.  
Commissioner

**BY ORDER OF THE COMMISSION**