



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Environmental
Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program

PO Box 111800
410 Willoughby Ave #303
Juneau, AK 99811-1800
Main: 907-465-5390
Fax: 907-465-5218
www.dec.alaska.gov

May 6, 2016

File No: 900.38.001

Sent via regular and electronic mail

Beth Astley
CEPOA-PM-C-FUDS
P.O. Box 6898
JBER, AK 99506-6898

Re: ADEC Site Closure and No Department of Defense Action Indicated Report
Project # F10AK1016-10
Haines-Fairbanks Pipeline Milepost 585.5, Gate Valve #69 Salcha, Alaska

Dear Ms. Astley,

The Alaska Department of Environmental Conservation (ADEC) received a copy of the Gate Valve #69 project closeout document on April 19, 2016. This letter is an addendum to the document and provides additional information from the Final Environmental Investigation Report dated October 2014 regarding the closure of the site under 18 AAC 75.380. The site is located at Richardson Highway Milepost 323.2, approximately 25 miles southeast of North Pole on property owned and managed by the Department of Natural Resources Division of Parks and Outdoor Recreation, within the Salcha River State Recreation Area (Figure 1).

The Final Environmental Investigation Report documented the site history in addition to the results of soil borings analyses. Although there were no documented releases at the site, a previous investigation in 2007 had identified petroleum contamination in subsurface soil near the valve vault. There was no evidence of surface soil contamination. The valve vault, valve, and bleeder valve were removed in 2007. The bottom of the gate valve was about 5 feet below ground surface, but the excavation continued until groundwater was encountered at about 8 feet below ground surface. A soil sample collected from the bottom of the excavation at 8 feet below ground surface (the groundwater interface) indicated that gasoline range (GRO) and diesel range organics (DRO) contamination was present at 480 and 1,700 mg/kg respectively.

In April 2014, ten soil borings were completed using a Geoprobe drill rig and twenty-one soil samples were collected from the locations of the former gate and bleeder valves and from varying distances from them beginning from about 7 feet below ground surface and continuing to about twenty feet below ground surface. Of these soil borings, only one had diesel range organics contamination exceeding the ADEC Method Two cleanup level for migration to groundwater for the under 40-inch zone of 250

May 6, 2016

mg/kg. This boring had a concentration of 540 mg/kg collected from 9 feet below ground surface (Figure 2). Six groundwater monitoring wells were installed and samples collected from them did not detect contaminants of concern in concentrations greater than Table C groundwater cleanup levels. These analytical results indicate that remaining petroleum contamination is located at depth, is of de minimis volume and will naturally attenuate over time.

Therefore, the ADEC concurs with the United States Army Corps of Engineers in their determination that no further action is required at the Gate Valve 69 site and the site status will be changed to Cleanup Complete in the ADEC Contaminated Sites Database per 18 AAC 75.380 and subject to the following standard conditions.

Standard Conditions

1. Any proposal to transport soil or groundwater off-site requires ADEC approval in accordance with 18 AAC 75.325. A "site" [as defined by 18 AAC 75.990 (115)] means an area that is contaminated, including areas contaminated by the migration of hazardous substances from a source area, regardless of property ownership (see figure below).
2. Movement or use of contaminated material in a manner that results in a violation of 18 AAC 70 water quality standards is prohibited.

This determination may be reevaluated in the event that additional information becomes available or a threat to human health or the environment is determined present. This addendum will be attached to the original No Department of Defense Action Indicated Report and will be available for the public to view on the ADEC Contaminated Sites database under file number 900.38.001, Hazard ID #4485, site name: Haines-Fairbanks Pipeline MP 585.5 - GV69.

If you have any questions regarding this letter or concerns please feel free to contact me by telephone at 907-465-5207 or email at Danielle.Duncan@alaska.gov.

Sincerely,



Kim DeRuyter
DSMOA Section Manager

cc: Anne Marie Palmieri, Environmental Program Specialist IV, ADEC, via electronic mail
Kim DeRuyter, Environmental Program Manager I, ADEC, via electronic mail
Patty Burns, Natural Resource Specialist III, ADNR, via electronic mail

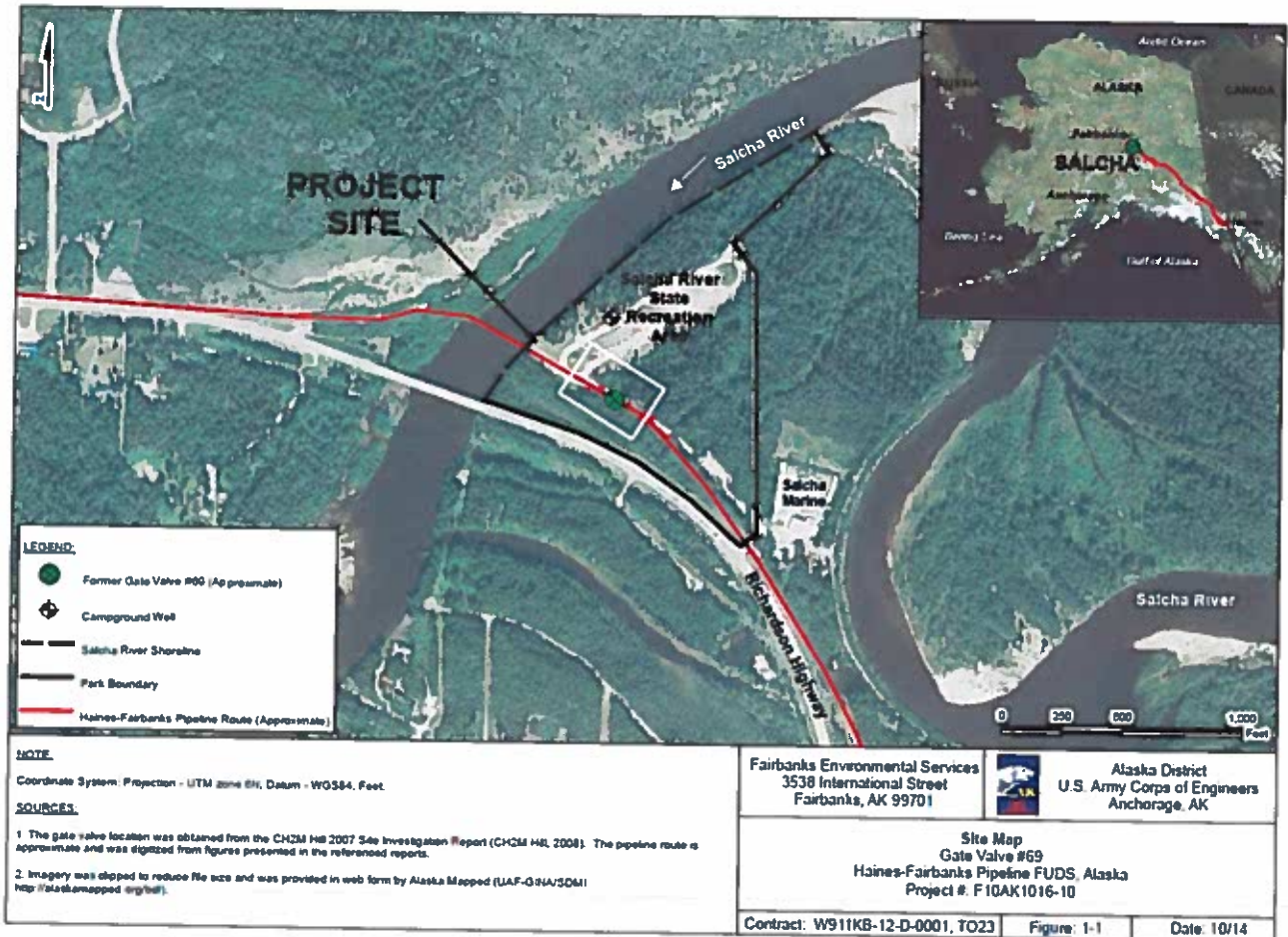


Figure 1: Location of the Gate Valve 69 Contaminated Site.

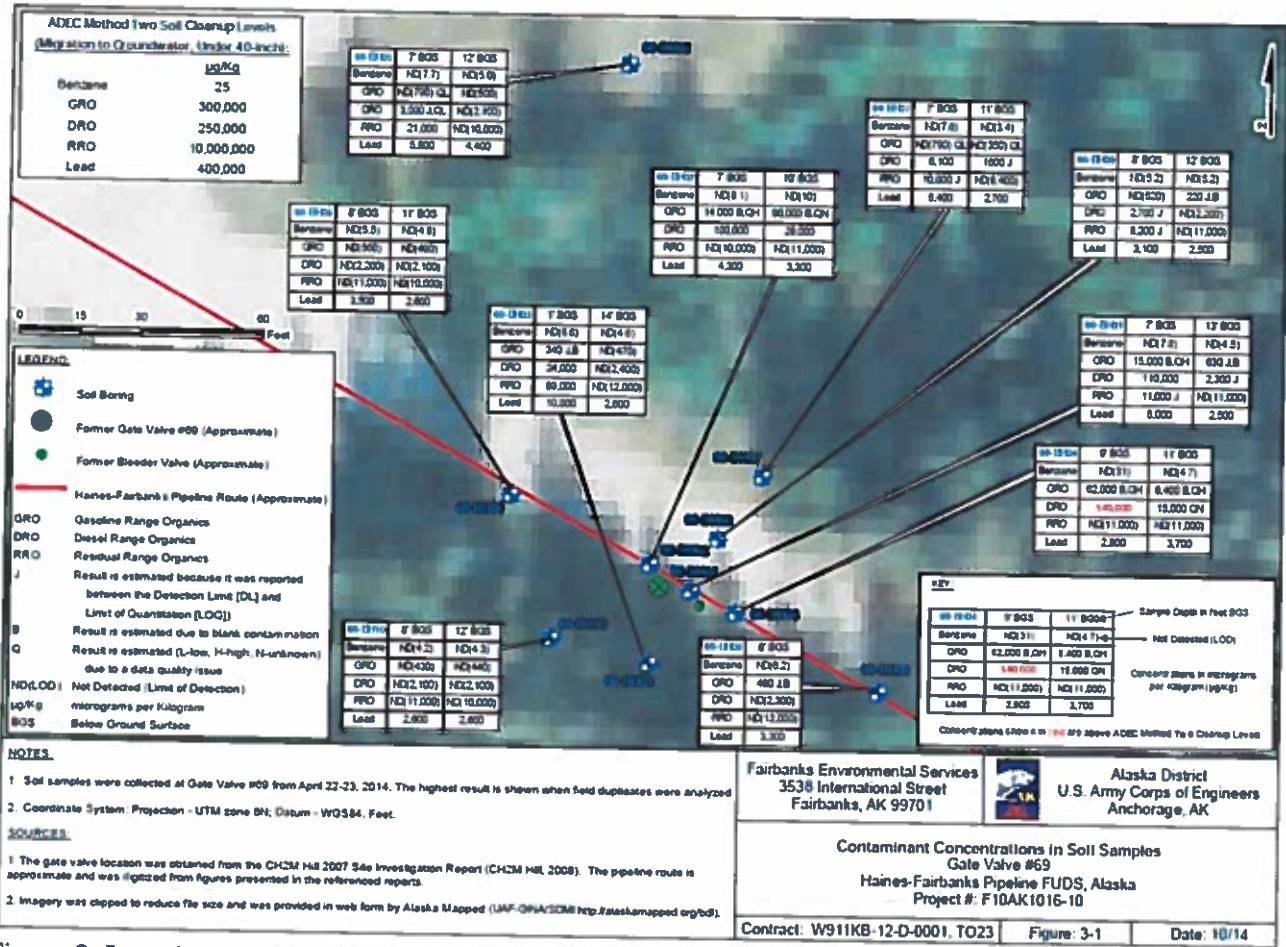


Figure 2: Locations and concentrations of petroleum fractions in soil borings collected in 2014.