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DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF SPILL PREVENTION AND RESPONSE
STORAGE TANK PROGRAM

ADEC Project No. 100.26.130
100.26.133
100.26.134
100.26.135
100.26.136
100.26.142
100.38.092
100.38.093
100.38.094
100.38.096

February 14, 2001

Thanh Minh Trinh, P.E.
NOAA/WASC
7600 Sand Point Way, NE
BIN C15700
Seattle, WA 98115-0070

RE: Notice of No Further Action
NOAA Gilmore Creek CDA Station, 1300 Eiselle Road, Fairbanks, Alaska
Facility ID No. 1779, LUST Event ID Nos. 1107, 1108, 1109, 1110, 1111
Heating Oil Tank Sites 3, 4, and 6

Dear Mr. Trinh:

The Alaska Department of Environmental Conservation (ADEC) has recently completed review of the file pertaining to this facility, including the groundwater monitoring reports prepared by your consultant, Nortech Environmental and Engineering Consultants. Our understanding is that groundwater monitoring at this facility has been underway for three years as described in your consultant's workplan dated July 30, 1997. The ADEC Project Manager at that time concurred with the elements of your workplan in a letter dated August 19, 1997. Since that time, analytical results from all wells have remained substantially below maximum contaminant levels.

Based on our recent review of the information and long-term groundwater monitoring analytical results, the ADEC finds that the underground storage tank and heating oil tank sites associated with the referenced facility, do not pose a significant threat to human health or the environment. The Department has therefore determined that no further remedial action or sampling is required at this location with respect to the closure of these tank sites.

The NOAA Gilmore Creek CDA facility was associated with 8 individual sites. A summary of the tanks at each site follows:

Site	Number of Tanks	Size of Tanks	Product
1	4	10,000-gallon	Diesel
2	2	5,000-gallon	Gasoline
3	1	2,000-gallon	Heating Oil
4	2	5,000-gallon	No. 1 Diesel
5	1	5,000-gallon	Diesel
6	1	5,000-gallon,	Heating Oil
7	2	3,000-gallon, 5,000-gallon	Gasoline, Diesel
8	1	1,000-gallon	Waste Hydraulic Oil

In 1994, a tank decommissioning project consisted of the excavation and removal of 14 tanks from 8 sites located at the facility. In 1996, release investigation was followed with the development of a corrective action plan, which included recommendations for sampling and disposal of petroleum-contaminated soil, and the implementation and management of long-term annual groundwater monitoring. In 1997, previously stockpiled contaminated soil was analyzed and removed from the site, and the groundwater monitoring program was initiated.

The 1996 release investigation identified diesel-range petroleum contaminated soil at depth which was above cleanup levels at several sites. Additional excavation of some of this soil was determined unnecessary due to the limited estimated extent, or was not possible as removal might jeopardize the adjacent building structural integrity. The groundwater monitoring plan was proposed by your consultant as part of an institutional control, and agreed to by the acting ADEC Project Manager at that time, to determine if groundwater was, or would become, impacted as a result of the residually contaminated soil. The program included three years of annual monitoring of seven monitoring wells for diesel-range organics and/or residual range organics, in addition to sampling of the onsite drinking water supply well system. The results of the three-year monitoring program indicate that groundwater was not impacted above ADEC maximum contaminant levels for any of the tested parameters, at any well locations.

As a result of this effort, the ADEC is issuing a notice of *No Further Action* required for this facility. While limited soil contamination exceeding established cleanup levels for the migration to groundwater pathway for diesel range organics (250 mg/kg) was previously identified at the site at depth (1,100 mg/kg at site no. 1, sample NF-1V1-12, well location V01-02), additional excavation and source removal is not required since long-term monitoring of the groundwater in that area has indicated that the contamination has not, or is not, affecting the groundwater aquifer. As such, the residual contamination does not pose a significant risk to human health or the environment due to a lack of an exposure pathway. An institutional control is not deemed necessary since the diesel concentrations identified remaining in soil are substantially lower than the cleanup levels for the remaining ingestion or inhalation pathways.

The ADEC reserves the right to request additional site assessment and remediation of contaminated areas should new information become available that suggests that contamination at this site may pose significant risks to human health or the environment. We appreciate your efforts to address your environmental issues. Please contact me with any questions or concerns directly at (907) 451-2166 or via e-mail at John_Carnahan@envircon.state.ak.us.

Sincerely,

John B. Carnahan
Environmental Specialist

Cc: Steve Bainbridge, ADEC – Fairbanks