



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Environmental Conservation

Division of Spill Prevention and Response
Contaminated Sites Program

610 University Ave.
Fairbanks, Alaska 99709-3643
Main: 907.451.2131
Fax: 907.451.5105

File No: 2339.38.001

November 9, 2016

Dave Hanneman
FAA Alaska Region
222 W. 7th Avenue, Box 14
Anchorage, AK 99513-7587

Re: DEC Cleanup Complete determinations for two areas of concern at the Federal Aviation Administration (FAA) VOR facility, Fire Island, Alaska

Dear Mr. Hanneman:

The Alaska Department of Environmental Conservation (DEC) received a letter from the FAA on September 19, 2016, requesting that "Cleanup Complete" determinations be provided for two areas of concern (AOCs) at the FAA VOR facility on Fire Island. This letter was prompted by the FAA determination that the closure letters provided by DEC regarding the other sites on Fire Island did not address these AOCs. The AOCs in question are identified as releases from an oil reclamation unit (designated ANC VOR #2), and a burn barrel area (ANC VOR #3), both of which are located near VOR building #416.

Petroleum contamination related to ANC VOR #2 was excavated concurrently with the excavation of contamination at the other VOR UST sites. As indicated in the September 19 FAA letter and the 1993 Corrective Action Report, all contamination above DEC cleanup levels (CULs) was removed from the area and remediated. DEC has no further concerns for this AOC and concurs with the recommendation of a "Cleanup Complete" determination.

At the ANC VOR #3 burn barrel area, samples were collected from the bottom of the burn barrels in 1991 and reported in the 1992 Environmental Compliance Investigation Report. Sample results indicated that petroleum contamination was present in the barrels above DEC CULs (96,000 mg/kg TPH), and that arsenic (3.9 mg/kg) was present above the DEC direct contact cleanup level. Chromium (23.2 mg/kg), and lead (60.9 mg/kg) were also detected at concentrations below DEC CULs, and PCBs and chlorinated solvents were not detected. Following the 1991 sampling event, two cubic yards of soil were excavated from the burn barrel area concurrently with the excavation of contamination at the other VOR UST sites. Two confirmation samples were collected from the area below the excavation. Confirmation sampling indicated that all contamination had been removed, with one detection of TPH (64 mg/kg) below CULs left in place. DEC concurs with the recommendation of a "Cleanup Complete" determination for this AOC.

This letter and the referenced September 19 FAA letter will be attached to the “FAA – Fire Island VORTAC” contaminated sites database file (File No. 2339.38.001) and the site actions and problem statement will be updated to include the cleanup complete determinations for these two AOCs. If you have any questions, please do not hesitate to contact me at (907) 451-2131, or by email at monte.garroutte@alaska.gov.

Sincerely,

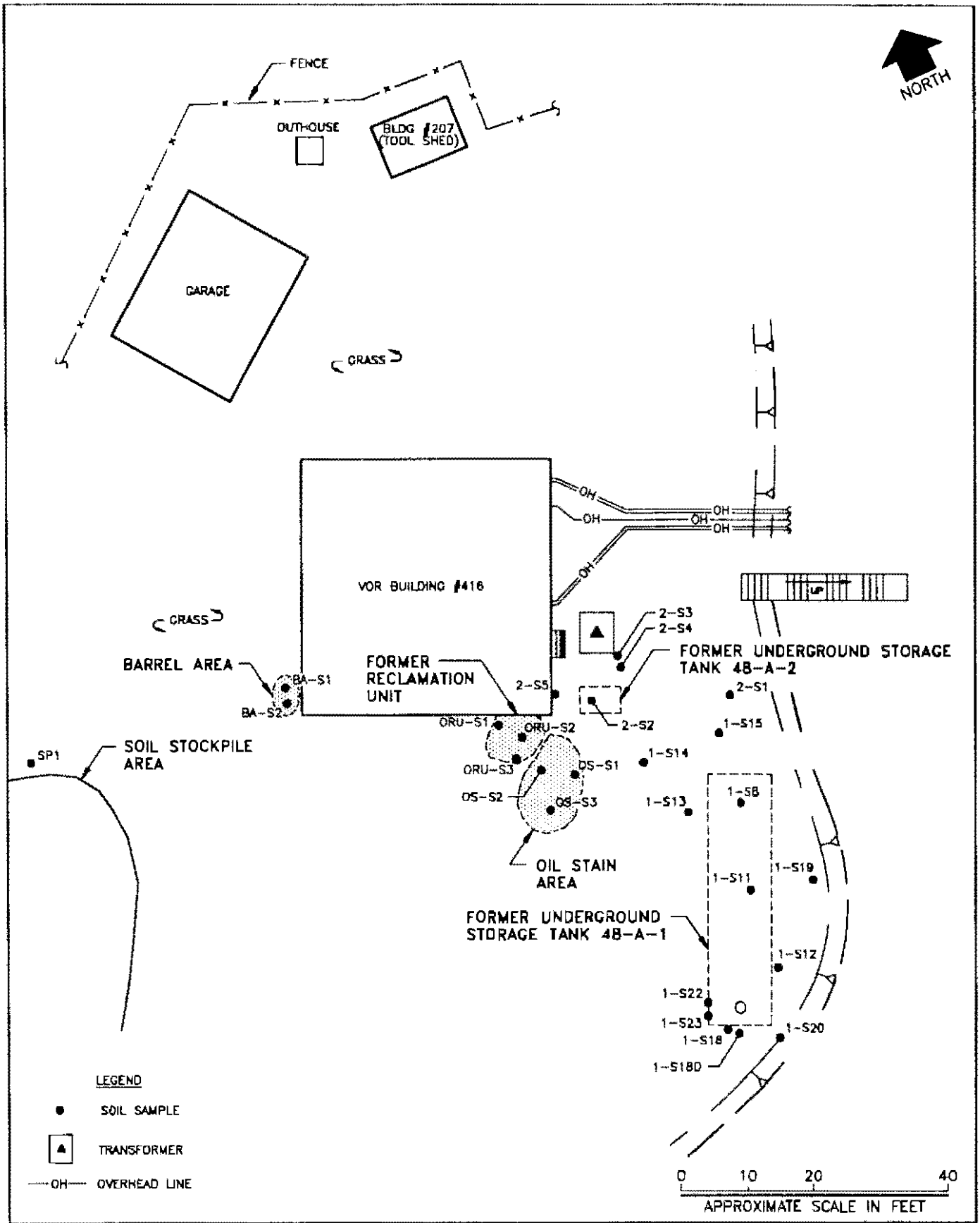
Recommended By

Approved By

Monte Garroutte
Environmental Program Specialist

Eric Breitenberger
Program Manager

Enclosures: Site figure for ANC VOR #2 and #3



HLA
Harding Lawson Associates
 Engineering and
 Environmental Services

Site Plan, VOR Station
Corrective Action Report
 Fira Island FST Improvements
 Anchorage, Alaska

PLATE
2

DRAWN JP	PROJECT NUMBER 24223	APPROVED Pmc	DATE 10/93	FILE NAME 0462p
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