

STATE OF ALASKA

TONY KNOWLES, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

555 Cordova Street
Anchorage, AK 99501-2617
Phone: (907) 269-7527
Fax: (907) 269-7649
<http://www.state.ak.us/dec/>

DIVISION OF SPILL PREVENTION AND RESPONSE CONTAMINATED SITES PROGRAM

August 5, 2002

Alan D. Falkenstein
Manager, Operations Branch
Federal Aviation Admin. Alaska Region
222 W. 7th Avenue Box 14
Anchorage, AK 99513-7587

FILE COPY

Subject: Approval of No Further Remedial Action Planned (NFRAP) status and Record of Decision (ROD) for the Federal Aviation Administration (FAA) Iliamna former Station Flight Service Station (FSS), ADEC Database Record key: 1997250119101

Dear Mr. Falkenstein:

The Department's Contaminated Sites Program has reviewed the subject file, including the February 2002 "FAA Iliamna Station 2001 Groundwater Sampling Effort, Flight Service Station Excavation, and Soil Stockpile Reconstruction (Final)" with FAA cover letter dated March 4, 2002.

The Federal Aviation Administration (FAA) requested NFRAP status specific to the now-former Flight Service Station site, since the Alaska Department of Transportation and Public Facilities (ADOT) planned to pave the area as part of airport improvements. Additional information was provided by FAA and by the ADOT in May and June 2002. Since FAA is transferring the property to ADOT, the Department requested and received ADOT's concurrence that it would accept property with contamination remaining above the site cleanup levels. ADOT provided a memo dated May 24, 2002 that accepts the NFRAP determination and the transferred property but does not accept liability for any future cleanup or costs associated with the remaining contamination.

This review does not address facilities other than the Flight Service Station, and specifically does not include the NDB or the Living Quarters Area facilities. Comments provided in this letter pertain only to the FSS site and to soils excavated from the FSS site that were transported offsite to long-term stockpiles.

Record of Decision: The Department grants the subject site No Further Remedial Action Planned (NFRAP) status with the condition that FAA understands and by accepting this determination acknowledges that they remain liable for contamination associated with its past operations and facilities at the FSS. The FAA is responsible for proper treatment and disposal of the contaminated soils that have already been excavated and removed from the former FSS site.

The attached Figure 1 (two pages) identifies the FSS property with respect to the Iliamna Airport facilities, and Figure 2 shows the location of the former FSS building location and the former tank 24-A-2 site. The two samples that exceeded the site cleanup level are shown on the cross sections of the tank site, also on Figure 2.

The legal description for the FSS property to be transferred to ADOT is as follows: Beginning at the centerline of runway 17/35 at station 22+00 proceed S80°45'00"E. 325 feet to the true point of beginning; thence S09°15'00"W 40 feet to a point; thence S80°45'00"E 75 feet to a point; thence S09°15'00"W 100 feet to a point; thence N80°45'00"W 75 feet to a point; thence S09°15'00"W 210 feet to a point; thence S80°45'00"E 200 feet to a point; thence N09°15'00"E 350 feet to a point; thence N80°45'00"W 65 feet to a point; thence S09°15'00"W 40 feet to a point; thence N80°45'00"W 60 feet to a point; thence N09°15'00"E 40 feet to a point; thence N80°45'00"W 75 feet to the point of beginning.

NFRAP status reflects the fact that while DRO levels in site soils exceed the migration to groundwater levels found in Table B2 of 18 AAC 75.341, the contamination does not threaten human health, the environment, or public safety or welfare. The site will require no further remedial action but will be designated as NFRAP on the Department's Contaminated Sites database. The record on the database is an institution control, and will reflect the requirement that the future property owner and operator, ADOT, is responsible for verifying that ADEC is notified if soils excavated from the contaminated area are to be transported offsite, and ensuring that potentially contaminated soils are handled in accordance with Department regulations. The site can be closed in the future if it is documented through confirmation sampling that contaminant levels have decreased to below the site cleanup level.

Background:

The former FSS facility is situated on 1.4 acres immediately east of the main runway at the Iliamna Airport. Previously existing structures at the facility include FSS Building 400, two electrical transformers, a communication tower, and a water supply well. All have been removed or decommissioned. A buried sewer line servicing Building 400 terminated at a 1,000-gallon septic tank and leachfield approximately 200 feet southeast of the former building. The two heating oil fuel tanks at the facility, a 500-gallon UST and a 515-gallon AST were removed in 1996.

The contaminants of concern at the former FSS site are diesel range organics (DRO). The site cleanup level is 250 mg/kg DRO under the 18 AAC 75.341 Method Two groundwater migration pathway. During 1998 site investigation, the highest level of DRO detected was 5,400 mg/kg at the aboveground 515-gallon heating oil tank designated 24-A-2 adjacent to the FSS. Approximately 210 cubic yards of contaminated soil were excavated from the FSS site during fieldwork in September 2001. Soils were transported off-site for storage in long-term storage cells. Three of the five soil confirmation samples near the location of former tank 24-A-2 met the site cleanup level. Two sidewall confirmation samples associated with the former location of tank 24-A-2 exceeded the site cleanup level, with DRO concentrations of 358 and 564 mg/kg DRO at respective depths of four and six feet below the ground surface. Groundwater is present at a depth of about 12 feet. FAA estimates that less than one cubic yard of DRO-contaminated soil remains at the former location of tank 24-A-2. Groundwater contamination in three wells in

the near vicinity of the former FSS were monitored through 2001, with levels decreasing from 1.7 mg/kg DRO in 1998, a concentration just above the 18 AAC 75.345 Table C groundwater cleanup level, to non-detect during the last sampling event in 2001. Groundwater monitoring wells have been decommissioned to accommodate ongoing construction.

If information is presented in the future that identifies contamination at this project area at levels that may pose a risk to public health or the environment, additional assessment and corrective action may be required. If you have questions or comments regarding this letter, please call me at (907) 269-7658, or Eileen Olson at (907) 269-7527.

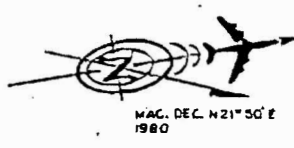
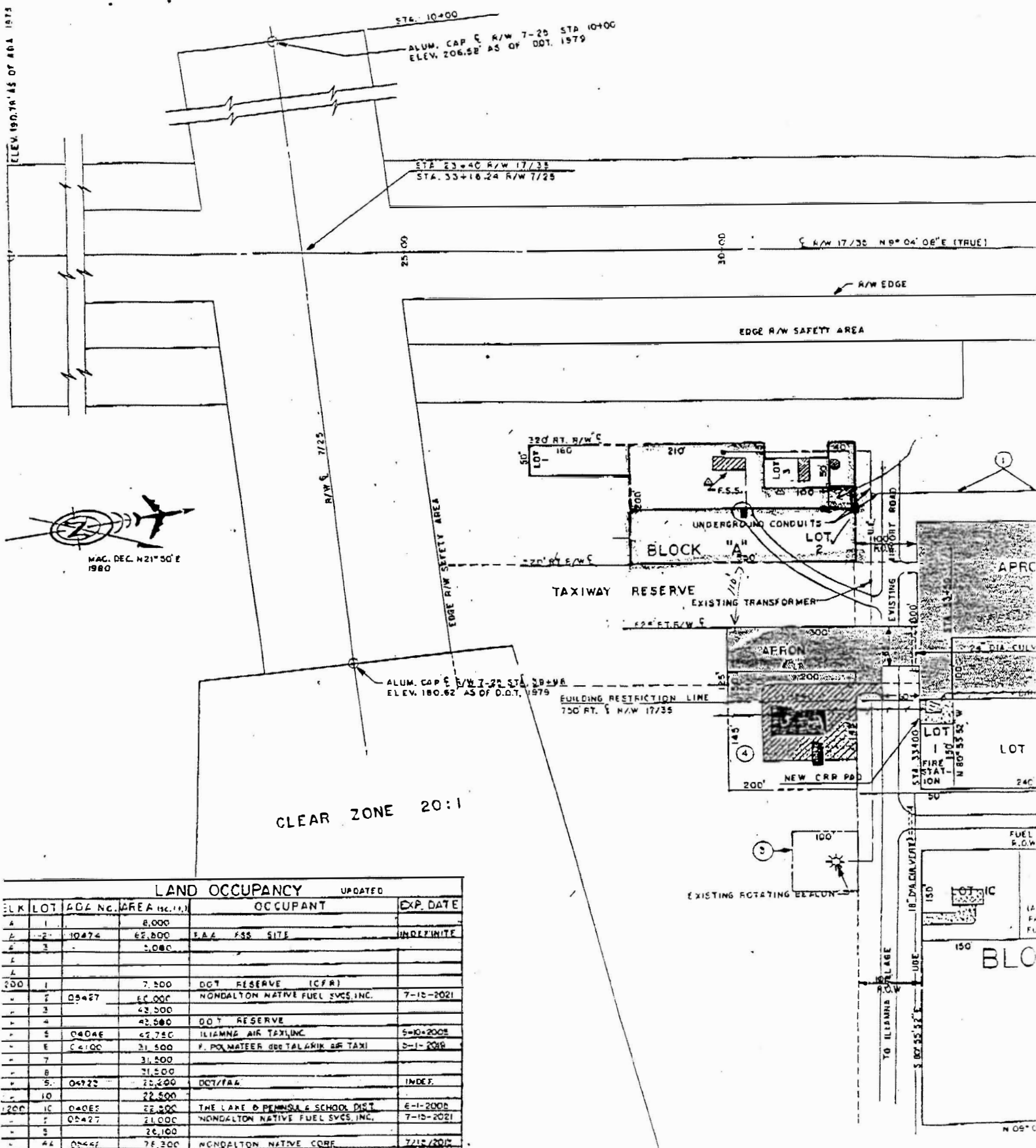
Sincerely,



Jim Frechione
Field Operations Section Manager

Attachment: Figure 1 (two pages) and Figure 2

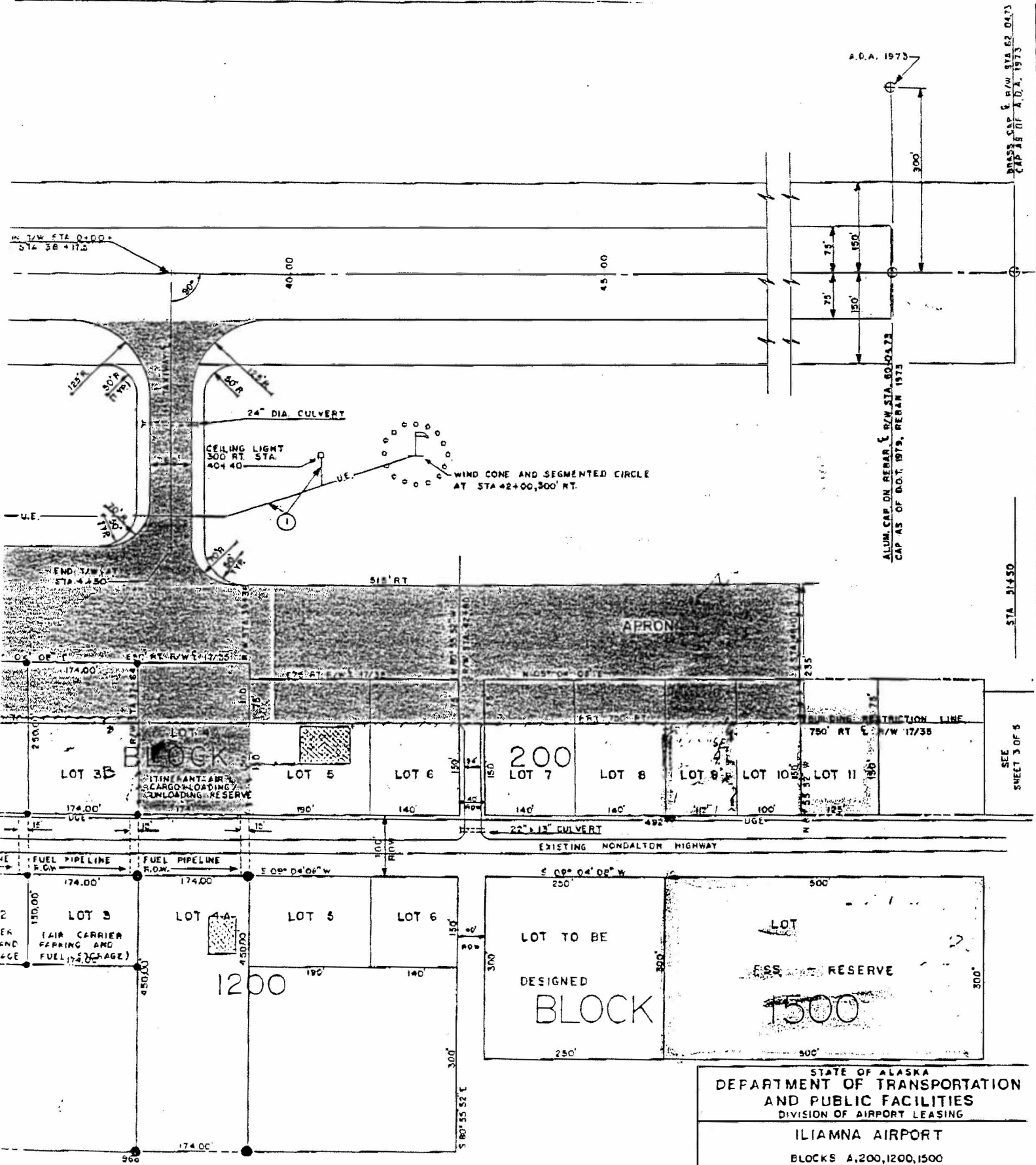
cc: Jim Thorsness, ADOT
Marilyn Dillard, FAA Logistics
Tom Sherhart, FAA Environmental



CLEAR ZONE 20:1

| LAND OCCUPANCY | | | | | UPDATED |
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| BLK | LOT | ADA No. | AREA (SQ. FT.) | OCCUPANT | EXP. DATE |
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LEGEND
 ● 3-1/2" ALUM. CAP ON 5/8" REBAR
 ● 5/8" REBAR



NOTE
 1. THIS SHEET SUPERSEDES ILIAMNA SHEET 2 OF 2, DATED 8/2/74
 2. SOME UTILITY LOCATIONS ARE APPROX.

PAGE 2 OF 2

| NO. | DATE | CHANGE |
|-----|------|--------|
| | | |
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| | | |

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 DIVISION OF AIRPORT LEASING

ILIAMNA AIRPORT
 BLOCKS A, 200, 1200, 1500
 LAND OCCUPANCY

APPROVED: *[Signature]*
 DIVISION OF AIRPORT LEASING

APPROVED: *[Signature]*
 DIVISION OF AIRPORT LEASING

BY: *[Signature]* DATE: 7/23/80

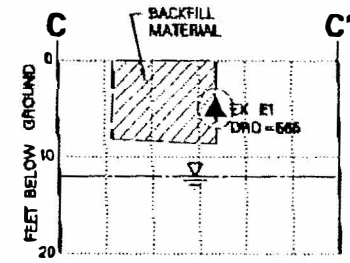
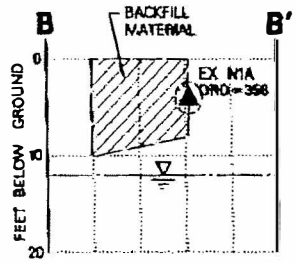
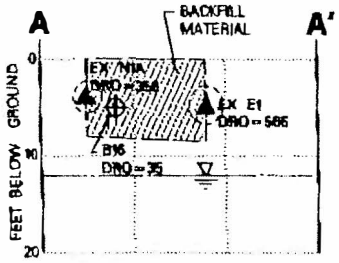
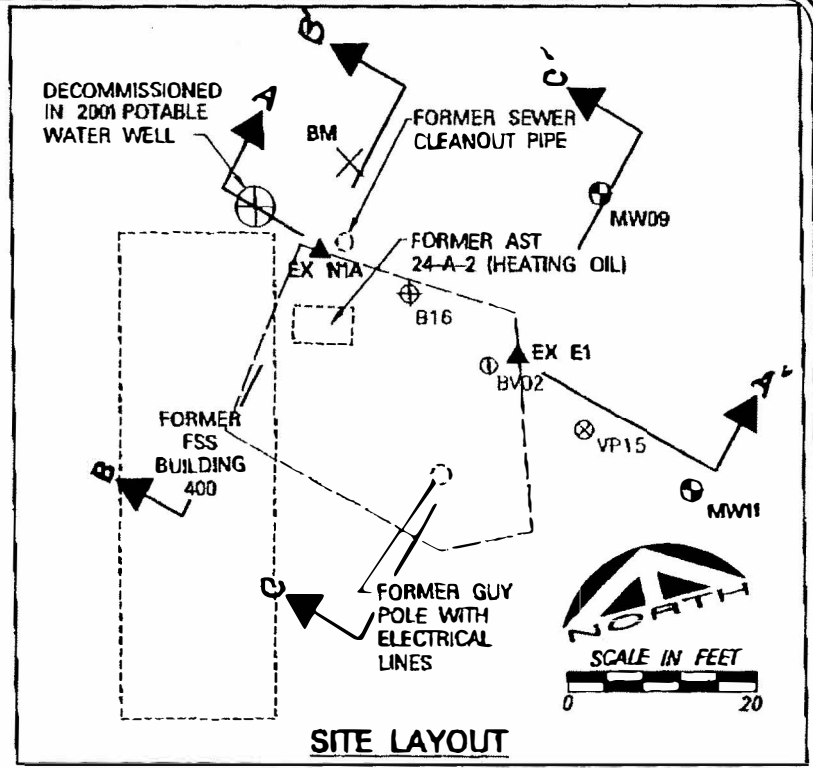
SCALE: 1" = 100'

SHEET 2 OF 5

LEGEND

- AST ABOVEGROUND STORAGE TANK
- ⊙ BIOVENT WELL DECOMMISSIONED IN 2001
- ▲ CONFIRMATION SAMPLE LOCATION
- DRO DIESEL RANGE ORGANICS
- EX W# ENSYS IDENTIFICATION NUMBER
- EXCAVATION
- FSS FLIGHT SERVICE STATION
- ▽ GROUNDWATER ENCOUNTERED
- ⊙ MONITORING WELL SAMPLED AND DECOMMISSIONED IN 2001
- BM X SITE BENCHMARK
- ⊕ SOIL BORING DECOMMISSIONED IN 1998
- ⊗ VAPOR NEST DECOMMISSIONED IN 2001

NOTE: RESULTS ARE SHOWN IN MILLIGRAMS PER KILOGRAM.



CROSS SECTIONS

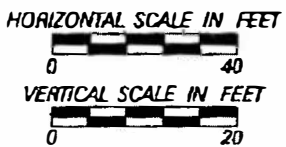


FIGURE 2
 FEDERAL AVIATION ADMINISTRATION
 ILIAMNA STATION, ALASKA

CROSS SECTIONS