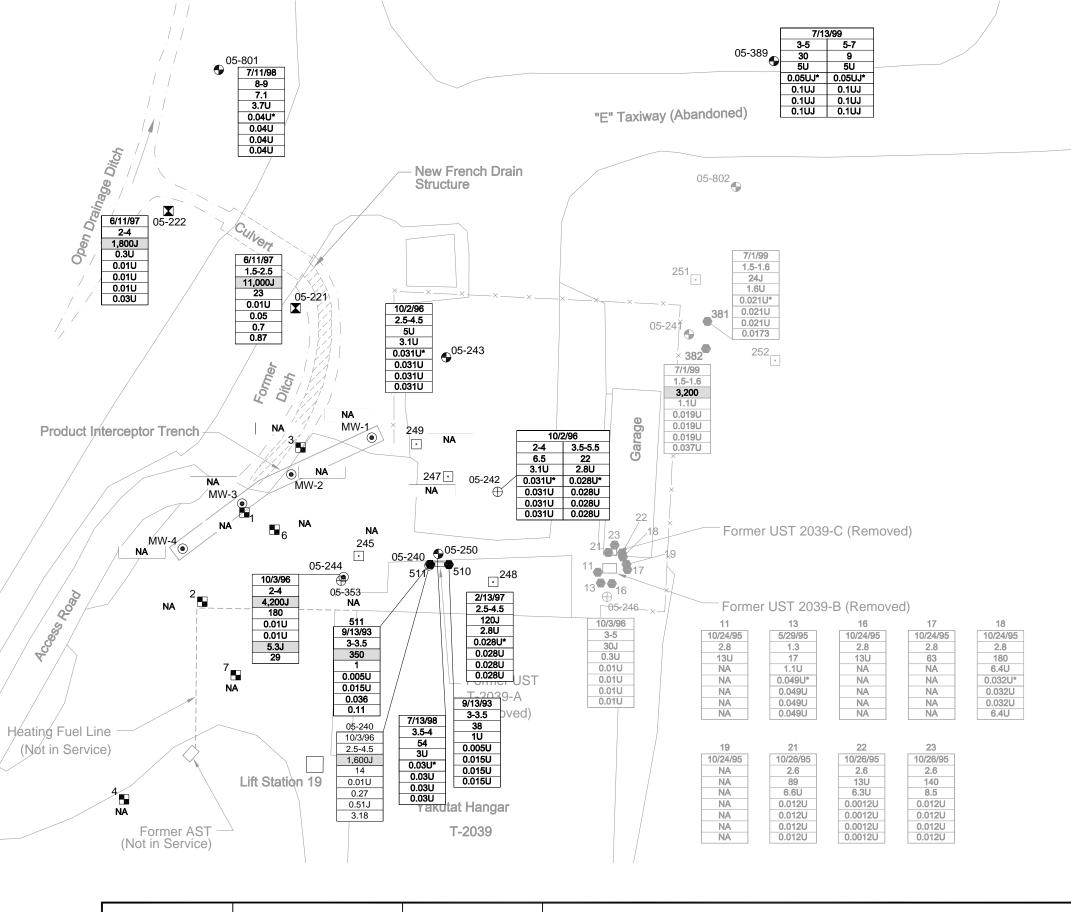
Alaska DEC Method 2 Soil Criteria Over 40-Inch Rainfall Zone					
	Ingestion	Inhalation	Migration to Groundwater		
DRO	8,250 mg/kg	12,500 mg/kg	230 mg/kg		
GRO	1,400 mg/kg	1,400 mg/kg	260 mg/kg		
Benzene	230 mg/kg	6.4 mg/kg	0.02 mg/kg		
Toluene	17,000 mg/kg	180 mg/kg	4.8 mg/kg		
Ethylbenzene	8,300 mg/kg	89 mg/kg	5 mg/kg		
Total xylenes	166,000 mg/kg	81 mg/kg	69 mg/kg		

NOTE: These criteria are specified for petroleum release sites at Adak in the Record of Decision for Operable Unit A and are used to determine the potential area of concern for petroleum hydrocarbons in soil. Actual site-specific soil cleanup levels are established following Alaska DEC Method 4 criteria.

The sampling locations presented in gray tone are associated with investigations at the adjacent site, Yakutat Hanger, UST T-2039-B and -C.



U.S. NAVY

Delivery Order 0037 Adak Island, AK DECISION DOCUMENT



Figure B-14 DRO, GRO, and BTEX Concentrations in Soil Yakutat Hanger, UST T-2039-A

Road

—X— Fence

Tank (Location and Orientation)

Monitoring Well

Recovery Well

⊕ Abandonded/Lost Well

NOTE:

The sampling locations presented in gray tone are associated with investigations at the adjacent site, Yakutat Hanger, UST T-2039-B and -C.

NOTE: Concentrations in ug/L.

5-221	6/16/97	Sample Date
	700	DRO
	56	GRO
	0.2U	Benzene
	0.2U	Toluene
	0.2UJ	Ethylbenzene
	0.2U	Total Xylenes

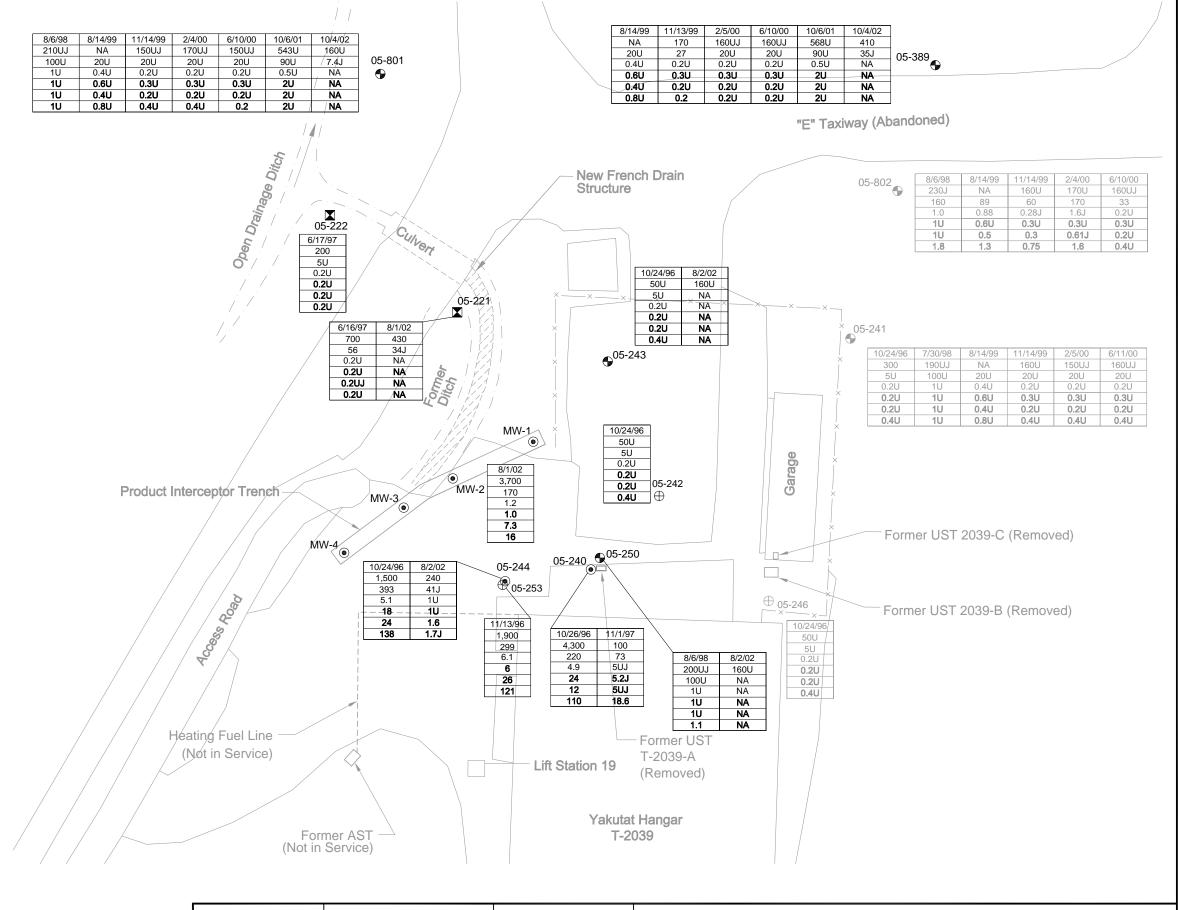
J Chemical Not Detected at Concentration Shown

J Estimated Concentration

NA Not Analyzed

Alaska DEC Groundwater Criteria				
DRO	15,000 ug/L			
GRO	13,000 ug/L			
Benzene	50 ug/L			
Toluene	10,000 ug/L			
Ethylbenzene	7,000 ug/L			
Total xylenes	100,000 ug/L			

NOTE: These criteria are for groundwater not used as a drinking water source, which are 10 times the criteria for groundwater used as a drinking water source (18 AAC 75). No concentrations in groundwater exceeded these criteria.



U.S. NAVY

Delivery Order 0037 Adak Island, AK DECISION DOCUMENT

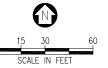


Figure B-15 DRO, GRO, and BTEX Concentrations in Groundwater Yakutat Hanger, UST T-2039-A

LEGEND

- Elevation Contour (ft Above MLLW)
- Monitoring Well
- Abandoned Well
- Recovery Well
- Soil Boring
- Hand Auger
- Soil Sample
- Geoprobe BoringHeating Fuel Pipelines

Chemical Concentrations in Soil (mg/kg)

12-252	
10/10/96	Sample Date
15-17	Sample Depth Interval (ft bgs)
12	DRO
12	GRO
0.06	Benzene
0.08	Toluene
0.38	Ethylbenzene
1.4	Total Xylenes

U Chemical Not Detected at Concentration Shown

J Estimated Concentration bgs Below Ground Surface

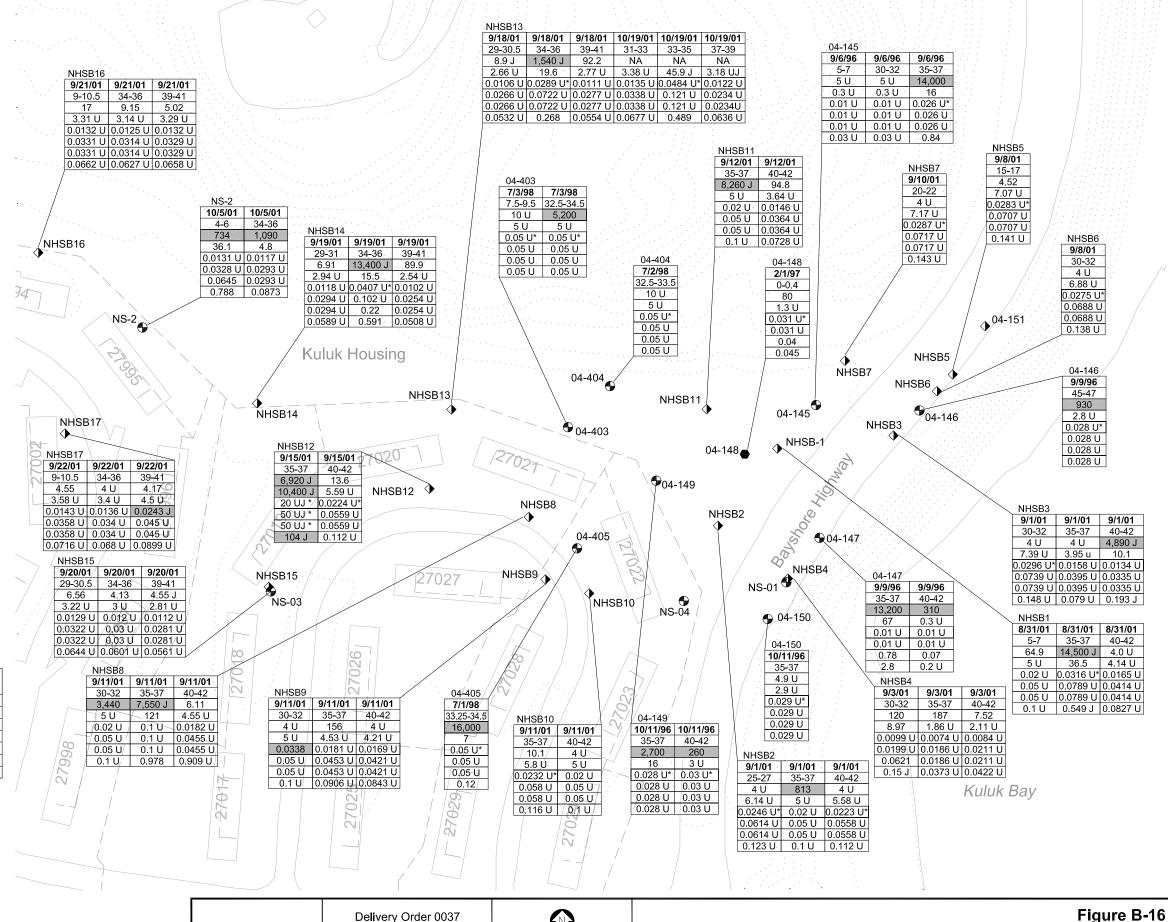
NA Not Analyzed

Exceeds Most Stringent Criteria

Detection Limit Exceeds
Most Stringent
Screening Criteria

Alaska DEC Method 2 Soil Criteria Over 40-Inch Rainfall Zone					
	Ingestion	Inhalation	Migration to Groundwater		
DRO	8,250 mg/kg	12,500 mg/kg	230 mg/kg		
GRO	1,400 mg/kg	1,400 mg/kg	260 mg/kg		
Benzene	230 mg/kg	6.4 mg/kg	0.02 mg/kg		
Toluene	17,000 mg/kg	180 mg/kg	4.8 mg/kg		
Ethylbenzene	8,300 mg/kg	89 mg/kg	5 mg/kg		
Total xylenes	166,000 mg/kg	81 mg/kg	69 mg/kg		

Note: These criteria are specified for petroleum release sites at Adak in the Record of Decision for Operable Unit A and are used to determine the potential area of concern for petroleum related chemicals in soil. Actual site-specific soil cleanup levels are established following Alaska DEC Method 4 criteria.



U.S. NAVY

Delivery Order 0037 Adak Island, AK DECISION DOCUMENT

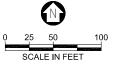
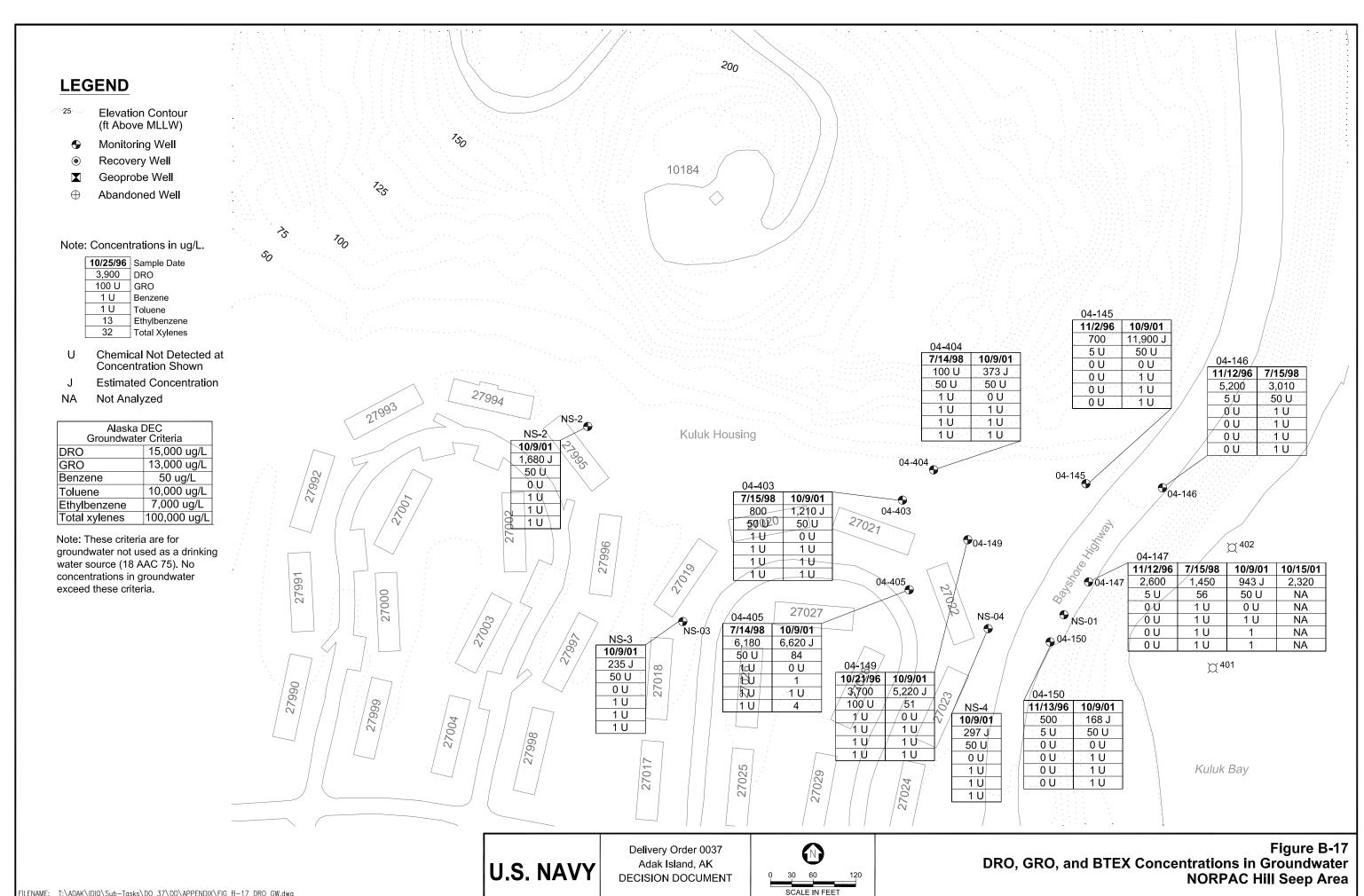


Figure B-16 DRO, GRO, and BTEX Concentrations in Soil NORPAC Hill Seep Area



FILENAME: T:\ADAK\\DIQ\Sub-Tasks\DO 37\DD\APPENDIX\FIG B-17 DRO GW.dwg EDIT DATE: 04/27/05 AT: 09:45

