



**FINAL**  
9 MARCH 2015

# **2014 Institutional Controls Site Inspection Report**

## **Operable Units A and B-1**

CONTRACT NO. N44255-14-D-9011  
LTM/OM / TASK ORDER 05

**Former Naval Complex**  
Adak, Alaska

**Department of the Navy**  
**Naval Facilities Engineering Command Northwest**  
1101 Tautog Circle, Suite 203  
Silverdale, WA 98315-1101



CONTRACT NO. N44255-14-D-9011  
LTM/OM / TASK ORDER 05

FINAL  
2014 INSTITUTIONAL CONTROLS SITE INSPECTION REPORT  
OPERABLE UNITS A AND B-1

FORMER NAVAL COMPLEX  
ADAK, ALASKA

MARCH 9, 2015

SEALASKA ENVIRONMENTAL SERVICES, LLC  
POULSBO, WASHINGTON

Prepared by:



---

Elizabeth P. Kercher  
Staff Scientist

Reviewed by:



---

Donald K. Balmer  
Task Order Manager

## CONTENTS

1.	INTRODUCTION	1-1
1.1	SITE HISTORY AND BACKGROUND	1-1
1.2	PURPOSE AND SCOPE	1-4
2.	INSTITUTIONAL CONTROL SITE INSPECTIONS, DOWNTOWN AREA	2-1
2.1	DOWNTOWN AREA GROUNDWATER	2-1
2.2	DOWNTOWN AREA CERCLA SITES (EXCEPT LANDFILLS)	2-1
2.2.1	SWMU 10, Old Baler Building	2-2
2.2.2	SWMU 14, Old Pesticide Disposal Area	2-3
2.2.3	SWMU 16, Former Firefighting Training Area	2-4
2.2.4	SA 76, Old Line Shed Building	2-6
2.2.5	Downtown Area Water Bodies	2-7
2.3	DOWNTOWN AREA RCRA CLOSURE SITES	2-9
2.3.1	SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area	2-9
2.4	DOWNTOWN AREA PETROLEUM SITES	2-10
2.4.1	Monitored Natural Attenuation Petroleum Sites	2-11
2.4.2	Free Product Recovery Petroleum Sites	2-16
3.	INSTITUTIONAL CONTROL SITE INSPECTIONS AT OU A REMOTE AREA SITES	3-1
3.1	REMOTE AREA CERCLA SITES (EXCEPT LANDFILLS)	3-1
3.1.1	SWMU 21A, White Alice Upper Quarry	3-2
3.1.2	SWMU 23, Heart Lake Drum Disposal Area	3-3
3.1.3	SWMUs 52, 53, and 59, Former LORAN Station	3-4
3.2	REMOTE AREA PETROLEUM SITES	3-5
3.2.1	Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4	3-6
3.2.2	Boy Scout Camp, West Haven Lake, UST BS-1	3-7
3.2.3	Finger Bay Quonset Hut, UST FBQH-1	3-8
3.2.4	MAUW Compound, UST 24000A	3-9
3.2.5	Mount Moffett Power Plant 5, USTs 10547 through 10577	3-10
3.2.6	SWMU 58/SA 73, Heating Plant 6	3-11
3.2.7	SA 78, Old Transportation Building, USTs 10583, 10584, and ASTs	3-12
3.2.8	SA 82, P-80/P-81 Buildings, USTs 10579, 10587, and AST 10333	3-13
3.2.9	SA 88, P-70 Energy Generator, UST 10578	3-14
3.3	ADAK ISLAND ORDNANCE OU B SITES	3-16
3.3.1	Heart Lake OU B-1 Sites C3-01A through C3-01F	3-16
3.3.2	Finger Bay OU B-1 Sites FB-01 and FB-02	3-22
3.3.3	Sweeper Cove OU B-1 Site HH-01	3-25
3.3.4	Husky Pass OU B-1 Sites ML-01A, ML-01B, and ML-01C	3-25
4.	GENERAL INSPECTIONS	4-1
4.1	IC EXCAVATION NOTIFICATIONS	4-1

## **CONTENTS (continued)**

4.2	ABSOLUTE EXCAVATION PROHIBITION	4-1
5.	INSTITUTIONAL CONTROL EDUCATION EVALUATIONS	5-1
5.1	EDUCATION PROGRAM	5-1
5.2	ORDNANCE AWARENESS	5-1
5.3	SURVEYS	5-3
6.	SUMMARY AND RECOMMENDATIONS	6-1
7.	REFERENCES	7-1

## **APPENDICES**

APPENDIX A	INSTITUTIONAL CONTROL INSPECTION LOGBOOK (PROVIDED ON CD)
APPENDIX B	INSPECTION CHECKLISTS AND SURVEY FORMS
APPENDIX C	PHOTOGRAPHS (PROVIDED ON CD)
APPENDIX D	MAP DISTRIBUTION LOG
APPENDIX E	AIRPORT UXO DVD RUN LOG
APPENDIX F	INSTITUTIONAL CONTROL SITE BOUNDARY MAPS (PROVIDED ON CD)
APPENDIX G	RESPONSE TO REGULATOR COMMENTS

## CONTENTS (continued)

### FIGURES

<b>Figure 1-1.</b>	Adak Location Map	1-3
<b>Figure 1-2.</b>	Location of Institutional Control Sites on Adak Island	1-13
<b>Figure 3-1.</b>	OUB-1 Site Locations C3-01A through C3-01F	3-21
<b>Figure 3-2.</b>	OUB-1 Site Locations FB-01 and FB-02	3-24

### TABLES

<b>Table 1-1.</b>	Adak OU A and OU B-1 Long-Term Monitoring Program Schedule	1-2
<b>Table 1-2.</b>	Summary of Institutional Controls Required for Adak Sites	1-7
<b>Table 1-3.</b>	Summary of Inspection Forms Completed at Institutional Controls Sites	1-11
<b>Table 4-1.</b>	Excavation Notification Requests Submitted September 2013 through September 2014	4-1
<b>Table 5-1.</b>	Educational Awareness Results	5-6
<b>Table 6-1.</b>	Summary of Conditions and Recommendations at Adak Institutional Control Sites	6-6

## CONTENTS (continued)

### PHOTOGRAPHS

<b>Photograph 2-1.</b>	SWMU 10, Old Baler Building	2-3
<b>Photograph 2-2.</b>	SWMU 14, Old Pesticide Disposal Area	2-4
<b>Photograph 2-3.</b>	SWMU 16, Former Firefighting Training Area	2-5
<b>Photograph 2-4.</b>	SA 76, Old Line Shed Building	2-6
<b>Photograph 2-5.</b>	Sweeper Cove	2-7
<b>Photograph 2-6.</b>	Kuluk Bay	2-8
<b>Photograph 2-7.</b>	SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area	2-10
<b>Photograph 2-8.</b>	Amulet Housing, Well AMW-706	2-12
<b>Photograph 2-9.</b>	Amulet Housing, Well AMW-709	2-13
<b>Photograph 2-10.</b>	ROICC Contractor's Area	2-14
<b>Photograph 2-11.</b>	Runway 5-23, Avgas Valve Pit	2-15
<b>Photograph 2-12.</b>	GCI Compound, UST GCI-1	2-17
<b>Photograph 2-13.</b>	NORPAC Hill Seep Area	2-18
<b>Photograph 2-14.</b>	Yakutat Hanger	2-19
<b>Photograph 3-1.</b>	SWMU 21A, White Alice Upper Quarry	3-2
<b>Photograph 3-2.</b>	SWMU 23, Heart Lake Drum Disposal	3-3
<b>Photograph 3-3.</b>	SWMUs 52, 53, and 59, Former LORAN Station	3-4
<b>Photograph 3-4.</b>	Antenna Field	3-7
<b>Photograph 3-5.</b>	Boy Scout Camp	3-8
<b>Photograph 3-6.</b>	Finger Bay Quonset Hut	3-9
<b>Photograph 3-7.</b>	MAUW Compound	3-10
<b>Photograph 3-8.</b>	Mount Moffett Power Plant 5	3-11
<b>Photograph 3-9.</b>	SWMU 58 and SA 73, Heating Plant 6	3-12
<b>Photograph 3-10.</b>	SA 78, Old Transportation Building	3-13
<b>Photograph 3-11.</b>	SA 82, P-80/P-81 Buildings Site	3-14
<b>Photograph 3-12.</b>	SA 88, Building P-70 Energy Generator, UST 10578 Site	3-15
<b>Photograph 3-13.</b>	OU B-1 Site C3-01A	3-17
<b>Photograph 3-14.</b>	OU B-1 Site C3-01A	3-18
<b>Photograph 3-15.</b>	OU B-1 Site C3-01B	3-18
<b>Photograph 3-16.</b>	OU B-1 Site C3-01C	3-19
<b>Photograph 3-17.</b>	OU B-1 Sites C3-01D and C3-01F	3-19
<b>Photograph 3-18.</b>	OU B-1 Site C3-01E	3-20
<b>Photograph 3-19.</b>	OU B-1 Site FB-01	3-22
<b>Photograph 3-20.</b>	OU B-1 Site FB-02	3-23
<b>Photograph 3-21.</b>	OU B-1 Site HH-01	3-25
<b>Photograph 3-22.</b>	OU B-1 Sites ML-01A, ML-01B, and ML-01C	3-26

## ACRONYMS AND ABBREVIATIONS

AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
ARC	Adak Reuse Corporation
AST	aboveground storage tank
ATV	all-terrain vehicle
BRAC	Base Realignment and Closure Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLEAN	Comprehensive Long-Term Environmental Action Navy
CMP	Comprehensive Monitoring Plan
COPC	chemical of potential concern
DRMO	Defense Reutilization Marketing Office
DRO	diesel-range organics
EPA	U.S. Environmental Protection Agency
GCI	General Communications, Inc.
IC	institutional control
ICR	incremental cancer risk
JP-5	jet petroleum #5
LORAN	long-range navigation
LTM	long-term monitoring
LUC	land use controls
MAUW	Modified Advanced Underwater Weapons
MEC	munitions and explosives of concern
MLLW	mean lower low water
MNA	Monitored Natural Attenuation
NAVFAC	Naval Facilities Engineering Command
Navy	U.S. Navy
NFRAP	No Further Remedial Action Planned
NMCB	Naval Mobile Construction Battalion
NORPAC	North Pacific
NSGA	Naval Security Group Activity
OU	Operable Unit
PCB	polychlorinated biphenyl
PCE	perchloroethylene

## **ACRONYMS AND ABBREVIATIONS (continued)**

RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
ROICC	Resident Officer in Charge of Construction
SA	source area
SAERA	State Adak Environmental Restoration Agreement
SDSA	Small Drum Storage Area
Sealaska	Sealaska Environmental Services, LLC
SWMU	solid waste management unit
TAC	The Aleut Corporation
USFWS	U.S. Fish and Wildlife Service
UST	underground storage tank
UXO	unexploded ordnance

## **1. INTRODUCTION**

The U.S. Navy (Navy) is the lead agency and responsible party for monitoring and ensuring the effectiveness of the institutional controls (ICs) selected in the Operable Unit (OU) A Record of Decision (ROD) and the OU B-1 ROD at the Former Naval Complex, Adak, Alaska. The Navy is required to conduct monitoring for as long as site conditions pose an unacceptable risk for unlimited use and unrestricted exposure. The ICs will remain in place until those conditions are met. If any of the ICs are ineffective or if significant failures pose harmful risks to the community and the environment, the Navy is responsible for additional remedial actions. Repairs to ICs identified by periodic inspections will be conducted by the Navy approximately every three to four years and are scheduled to next occur in 2015. If severe or unusual failures of ICs are observed, then the Navy will conduct additional emergency repairs at that time.

Because it has been shown that ICs have generally remained effective since 2005, reductions to the monitoring program began this year. Twenty sites have had periodic minor observable findings during annual IC inspections. Therefore, monitoring of ICs at these sites reduced to a biennial schedule starting in 2013. For the remaining 32 sites, very few or no findings have been observed since 2005. Therefore, monitoring at these sites was reduced to once every four or six years (whichever occurs closest and prior to the next 5-year review), with IC inspections occurring in 2014 to coincide with the 5-year review process (see Table 1-1).

### **1.1 SITE HISTORY AND BACKGROUND**

The Former Naval Complex is located on Adak Island near the center of the Aleutian chain approximately 1,200 miles west-southwest of Anchorage, Alaska (Figure 1-1). Its geographic position is 176° 45' W longitude and 51° 45' N latitude. With an area of 280 square miles, it is the largest of the Andreanof group of the Aleutian Islands.

Adak Island has been a federal wildlife refuge since 1913, initially as the Aleutian Islands Reservation, then in 1940 as the Aleutian Islands National Wildlife Refuge. Large portions of the island were used for military activities beginning in August 1942. Public Land Order 1949, dated August 19, 1959, withdrew approximately 76,800 acres from the wildlife refuge at the northern portion of Adak Island for use by the Navy for military purposes. In 1980, the wildlife refuge portions of Adak Island were included in the Alaska Maritime National Wildlife Refuge established by Congress in the Alaska National Interest Lands Conservation Act. A number of environmental restoration programs were initiated as early as 1986 to address contamination issues resulting from the U.S. Department of Defense use of the island.

**Table 1-1. Adak OU A and OU B-1 Long-Term Monitoring Program Schedule**

Year	Groundwater Monitoring			Landfill Monitoring		Institutional Controls Inspections			Marine Monitoring	5-Year Review
	Annual Sites <sup>1</sup>	Biennial Sites	NAPs <sup>2</sup>	Biennial Sites <sup>3</sup>	5 Year Sites <sup>4</sup>	Annual <sup>5</sup>	Biennial Sites	5-Year IC and OU B-1 Sites		
2014	X	X	X	X	X	X		X		
2015	X					X	X		X	
2016	X	X		X		X				X
2017	X					X	X		X	
2018	X	X	X	X	X	X				
2019	X					X	X	X	X	
2020	X	X		X		X				
2021	X			X		X	X		X	X
2022	X	X		X		X				
2023	X					X	X		X	
2024	X	X	X	X	X	X		X		
2025	X					X	X		X	
2026	X	X		X		X				X

Notes:

<sup>1</sup> Area 303 and Former Power plant, Building T-1451 sites

<sup>2</sup> Natural attenuation parameters sampling conducted at all sites

<sup>3</sup> Palisades and Roberts Landfills

<sup>4</sup> Metals and White Alice Landfills and volatile organic compound (VOC) sampling at Roberts Landfill

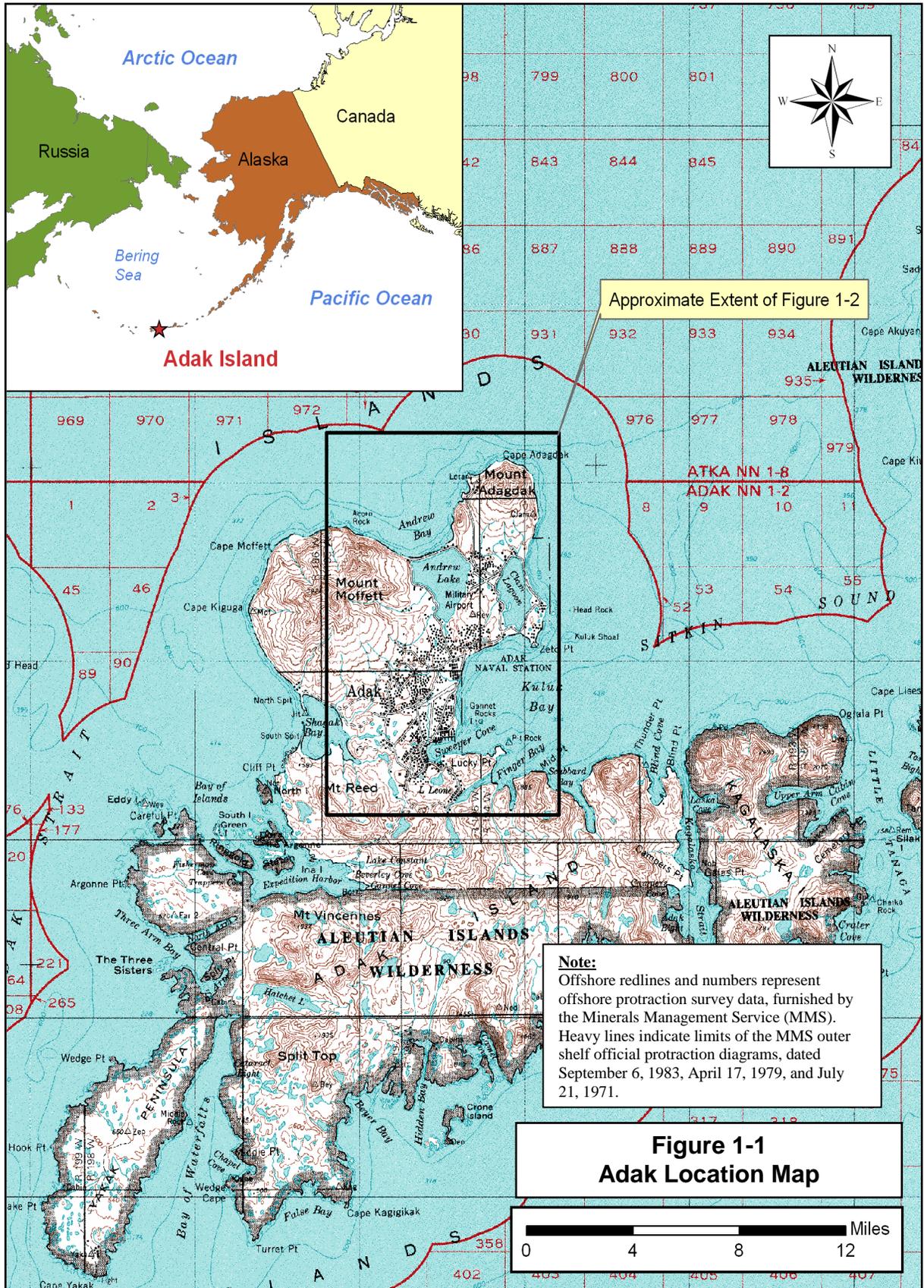
<sup>5</sup> Education program, excavation restrictions monitoring, Downtown Area groundwater use restriction monitoring

Gray – 5-year monitoring conducted on alternating 4- and 6-year intervals to coincide with biennial monitoring

Yellow – 5-year review

NAPs – natural attenuation parameters

OU – operable unit



In October 1995, the closure of the former base became law under the Base Realignment and Closure (BRAC) Act. Since that time, environmental cleanup has been undertaken to facilitate land exchange of the Former Naval Complex to the U.S. Department of the Interior and The Aleut Corporation (TAC).

In September 2000, the Navy, U.S. Department of the Interior, TAC, and the Adak Reuse Corporation (ARC) signed a land exchange agreement “Agreement Concerning the Conveyance of Property at the Adak Naval Complex.” The agreement conveyed 47,271 acres of the Former Naval Complex to TAC in exchange for TAC’s relinquishment of a similar acreage of Alaska Native Claims Settlement Act property. The transfer was finalized on March 17, 2004. ARC, a not-for-profit corporation representing a range of interests in the region, became the local redevelopment authority under the BRAC process. Property on the northern portion of the island (known as Parcel 4) was not transferred under this agreement.

Within the agreement, the Navy agreed to carry out all environmental remedial investigations and remedial actions required by the OU A and OU B RODs; the Federal Facility Agreement and State Adak Environmental Restoration Agreement (SAERA); and those required under applicable laws, including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

## **1.2 PURPOSE AND SCOPE**

The purpose of this task order was to perform inspections at the Former Naval Complex Adak, Alaska, IC sites in accordance with the OU A ROD (Navy, U.S. Environmental Protection Agency [EPA], and Alaska Department of Environmental Conservation [ADEC] 2000), the OU A ROD Amendment (Navy 2003), the OU B-1 ROD (Navy 2001), and the Comprehensive Monitoring Plan (CMP) Revision 6 (Navy 2014a). The inspections are intended to verify that ICs and engineering controls remain effective in protecting human health and the environment. Long-term environmental monitoring requirements (groundwater monitoring, product recovery, etc.) at these sites are also addressed in the CMP (Navy 2014a).

ICs are measures intended to prevent or reduce exposure to hazardous substances. The purpose of ICs is to verify compliance with the land use assumptions used in establishing cleanup levels for each of the sites. For Adak Island, the ICs have a layering effect to help achieve their effectiveness. The selected ICs include land use restrictions, groundwater restrictions, fish advisories, excavation notifications, and reporting on land use control (LUC) maintenance. Land use restrictions in the form of an equitable servitude are required to be continued after property transfer.

CERCLA 121(c) requires 5-year site reviews where hazardous substances, pollutants, or contaminants remain at a site at levels prohibiting unlimited use and unrestricted exposure. These reviews, along with the annual IC inspections, are conducted to assess site conditions and the effectiveness of the ICs. The 5-year site reviews include evaluating the results of annual site monitoring; assessing the need for additional action or reduced monitoring requirements; and determining whether ICs are in place and effective or whether they can be removed. Also, because potential contamination from munitions and explosives of concern (MEC) may still exist on Adak Island, the effectiveness of the Institutional Controls Educational Awareness Program is evaluated as part of the 5-year review process. This evaluation ensures that final remedial actions for MEC and unexploded ordnance (UXO) continue to protect island residents and visitors. In addition, the Department of Defense is committed to responding to any discovery of ordnance on Adak and any additional cleanup that is required.

ICs encompass a variety of engineered remedies to contain or reduce contamination as well as physical barriers intended to limit access to property. ICs at Adak Island include fences, signs, soil covers, and treatment systems. Locations of sites requiring ICs are shown on Figure 1-2. Required ICs at Adak sites are summarized in Table 1-2. Institutional Control Site Boundary Maps are presented in Appendix F.

The Navy prepared the CMP, Revision 6 that identified the approach that Sealaska Environmental Services, LLC (Sealaska) used to inspect the IC sites. CMP, Revision 6 specifies site inspection procedures that provide a means to verify that the IC remedies selected in the ROD remain protective of human health and the environment over time. The inspections are used to establish and record physical modifications to each of the IC sites, and they will provide a basis for recommendations for the frequency of future inspections. The Navy will initiate appropriate corrective actions based on deficiencies noted during the inspections. Sealaska personnel conducted on-the-ground inspections of the IC sites and surrounding areas from August 31 to September 6, 2014, and also on October 15, 2014. Photographs taken during the IC inspections were date and time stamped.

The following activities were conducted during the inspections:

- Inspection of Downtown Area sites listed in Table 1-2;
- Inspection of Remote Area sites listed in Table 1-2;
- Inspection of the Downtown Area for evidence of domestic well use or installation;
- Review of IC excavation notifications on file with the Navy and the City of Adak that were processed between September 2013 and September 2014;
- Inspection of the operation of the UXO Awareness video at the airport; and

- Interview of on-island personnel regarding the Institutional Control Educational Awareness Program.

The visual inspections of all sites in the Downtown Area and Remote Areas were conducted using the same procedure. Each site was inspected by vehicle, on foot, or both depending on access and the size of the site. The inspections were visual in nature. Photographs and notes taken were documented in a field logbook and on inspection checklists. Both institutional and engineering controls were inspected at each site, where applicable (see Table 1-2). For ICs, the current land use was noted, including any evidence of residential construction or other uses, soil excavations, or groundwater use. For engineering controls, the condition of soil covers was noted at landfill sites, including evidence of erosion or other integrity issues. Where applicable, the condition of existing fences and signs was also noted. Site recommendations are summarized in Table 6-1.

The Downtown Area was inspected for possible groundwater well installation or drilling activities not associated with remediation. This inspection was conducted by driving through the area during the IC inspection and during the extensive groundwater monitoring activities that were ongoing during the 2014 field event.

The processing of IC excavation notifications was evaluated for the period September 2013 to September 2014 to determine whether the notification program is occurring as outlined in the CMP, Revision 6 (Navy 2014a). Notifications are evaluated by the Navy to determine whether the proposed project is consistent with the land use assumptions in the applicable RODs.

Informal interviews were conducted regarding the UXO educational program and potential improvements. Interviews were conducted with residents and visitors to Adak. UXO awareness pamphlets were inspected at the U.S. Fish and Wildlife Service (USFWS) as well as the operation of the UXO Awareness video at the airport. These interviews and inspections were intended to determine whether the UXO educational program is functioning in accordance with CMP, Revision 6 (Navy 2014a) and applicable RODs.

A summary of the required IC inspection forms completed for each site at the Former Naval Complex is listed in Table 1-3. A copy of the IC inspection field logbook is presented in Appendix A. All site inspection forms, checklists, and educational evaluation forms are included in Appendix B. All site photographs are included in Appendix C by site (in date/time sequence order). Appendix D contains a copy of the USFWS log for UXO map distribution to visitors and residents throughout the year. Appendix E presents the Airport UXO DVD Run Log. Site Boundary Maps are presented in Appendix F. Appendix G contains the Navy's response to regulator comments on this report.

**Table 1-2.** Summary of Institutional Controls Required for Adak Sites

Site Name	Institutional Controls					Engineering Controls		Operations and Maintenance			
	Land Use Restrictions <sup>1</sup>	Equitable Servitude <sup>2</sup>	Groundwater Restrictions <sup>3</sup>	Soil Excavation Restrictions <sup>4</sup>	Fishing Advisory <sup>5</sup>	Signage	Fencing	Education <sup>6</sup>	Site/Remedy Condition Inspections and Reporting <sup>7</sup>	Sign Inspection <sup>8</sup>	Soil Cover Inspections <sup>9</sup>
<b>CERCLA/RCRA Closure Downtown Area Sites</b>											
SWMU 10, Old Baler Building	a1	X	X	d1		X		X	X		
SWMU 13, Metals Landfill*	a2	X	X	d2		X		X	X	X	
SWMU 16, Former Firefighting Training Area	a1	X	X	d1		X		X	X		
SWMU 24, Hazardous Waste Storage Facility	a1	X	X	d1		X		X	X		
SWMU 25, Roberts Landfill	a2	X	X	d2		X	X	X	X	X	
SWMU 55, Public Works Transportation Department Waste Storage Area	a1	X	X	d1		X		X	X		
SA 76, Old Line Shed Building	a1	X	X	d1		X		X	X		
SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area	a1	X	X	d1		X		X	X		
Sweeper Cove					X			X	X		
Kuluk Bay					X			X	X		
<b>Petroleum/CERCLA Downtown Area Sites</b>											
SWMU 14, Old Pesticide Disposal Area*	a1	X	X	d1		X		X	X		
SWMU 15, Future Jobs/DRMO*	a1	X	X	d1		X		X	X		
SWMU 17, Power Plant 3 Area*	a1	X	X	d1		X		X	X		
<b>Petroleum Downtown Area Sites</b>											
Amulet Housing, Well AMW-706 Area	a3	X	X	d1		X		X	X		
Amulet Housing, Well AMW-709 Area	a3	X	X	d1		X		X	X		
Area 303	a1	X	X	d1		X		X	X		
Former Power Plant, Building T-1451	a1	X	X	d1		X		X	X		
GCI Compound, UST GCI-1 Housing Area (Arctic Acres)	a1	X	X	d1		X		X	X		
NMCB Building Area, T-1416 Expanded Area	a3	X	X	d1		X		X	X		
NMCB Building Area, T-1416 Expanded Area	a1	X	X	d1		X		X	X		

**Table 1-2.** Summary of Institutional Controls Required for Adak Sites (continued)

Site Name	Institutional Controls					Engineering Controls		Operations and Maintenance			
	Land Use Restrictions <sup>1</sup>	Equitable Servitude <sup>2</sup>	Groundwater Restrictions <sup>3</sup>	Soil Excavation Restrictions <sup>4</sup>	Fishing Advisory <sup>5</sup>	Signage	Fencing	Education <sup>6</sup>	Site/Remedy Condition Inspections and Reporting <sup>7</sup>	Sign Impsection <sup>8</sup>	Soil Cover Inspections <sup>9</sup>
<b>Petroleum Downtown Area Sites (cont.)</b>											
NORPAC Hill Seep Area	a1	X	X	d1		X		X	X		
ROICC Contractor's Area (UST ROICC 7)	a1	X	X	d1		X		X	X		
ROICC Contractor's Area (UST ROICC 8)	a1	X	X	d1		X		X	X		
Runway 5-23 Avgas Valve Pit	a1	X	X	d1		X		X	X		
SA 79, Main Road Pipeline	a1	X	X	d1		X		X	X		
SA 80, Steam Plant 4, USTs 27089 and 27090	a1	X	X	d1		X		X	X		
South of Runway 18-36 Area	a1	X	X	d1		X		X	X		
SWMU 60, Tank Farm A	a1	X	X	d1		X		X	X		
SWMU 61, Tank Farm B	a1	X	X	d1		X		X	X		
SWMU 62, New Housing Fuel Leak	a3	X	X	d1		X		X	X		
Tanker Shed, UST 42494	a1	X	X	d1		X		X	X		
Yakutat Hangar, UST T-2039-A	a1	X	X	d1		X		X	X		
Downtown Area Groundwater			X	d1				X	X		
<b>CERCLA Remote Area Sites</b>											
SWMU 2, Causeway Landfill*	a2	X		d2		X		X	X	X	
SWMU 4, South Davis Road Landfill*	a2	X		d2		X		X	X	X	
SWMU 11, Palisades Landfill*	a2	X		d2		X		X	X	X	
SWMU 18, South Sector Drum Disposal Area (White Alice Landfill) and SWMU 19, Quarry Metal Disposal Area (White Alice Landfill)*	a2	X		d2		X	X	X	X	X	
SWMU 20, White Alice/Trout Creek Disposal Area	a1	X		d1		X		X	X	X	
SWMU 21A, White Alice Upper Quarry	a2	X		d2		X		X	X	X	
SWMU 23, Heart Lake Drum Disposal Area	a2	X		d1		X		X	X	X	
SWMU 29, Finger Bay Landfill*	a2	X		d2		X		X	X	X	
SWMUs 52, 53, and 59, Former LORAN Station	a1	X		d1		X		X	X		

**Table 1-2.** Summary of Institutional Controls Required for Adak Sites (continued)

Site Name	Institutional Controls					Engineering Controls		Operations and Maintenance			
	Land Use Restrictions <sup>1</sup>	Equitable Servitude <sup>2</sup>	Groundwater Restrictions <sup>3</sup>	Soil Excavation Restrictions <sup>4</sup>	Fishing Advisory <sup>5</sup>	Signage	Fencing	Education <sup>6</sup>	Site/Remedy Condition Inspections and Reporting <sup>7</sup>	Sign Impsection <sup>8</sup>	Soil Cover Inspections <sup>9</sup>
<b>CERCLA Remote Area Sites (cont.)</b>											
SWMU 67, White Alice PCB Spill Site	a1	X		d2		X			X	X	X
<b>Petroleum Remote Area Sites</b>											
Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4	a1	X		d1		X			X	X	
Boy Scout Camp, West Haven Lake, UST BS-1	a1	X		d1		X				X	
Finger Bay Quonset Hut, UST FBQH-1	a1	X		d1		X				X	
MAUW Compound, UST 24000-A	a1	X		d1		X				X	
Mount Moffett Power Plant 5 (USTs 10574 through 10577)	a1	X		d1		X				X	
SWMU 58/SA 73, Heating Plant 6	a1	X		d1		X			X	X	
SA 78, Old Transportation Building USTs	a1	X		d1		X			X	X	
SA 82, P-80/P-81 Buildings	a1	X		d1		X			X	X	
SA 88, P-70 Energy Generator, UST 10578	a1	X		d1		X			X	X	
<b>CERCLA Ordnance Sites</b>											
Navy-Retained Land (Parcel 4)						X	X	X	X	X	
OU B-1 Sites <sup>10</sup> : C3-01A, C3-01B, C3-01C, C3-01D, C3-01E, C3-01F, FB-01, FB-02, HH-01, ML-01A, ML-01B, ML-01C									X		X

**Table 1-2. Summary of Institutional Controls Required for Adak Sites (continued)**

---

*Notes:*

- <sup>1</sup> Land Use Restrictions are required to ensure that the land will never be used in a way inconsistent with the land use assumptions set forth in the Adak Island RODs. Land use restrictions:
    - a1: Commercial and Industrial
    - a2: Outdoor Recreational
    - a3: Residential
  - <sup>2</sup> Land use restrictions/prohibitions have been included in the Interim Conveyance.
  - <sup>3</sup> Domestic Use of Groundwater is Restricted.
  - <sup>4</sup> Excavation notification is required at all sites. Excavation is prohibited at the landfills and sites with a soil cover. Excavation Restrictions:
    - d1: Excavation Notification is Required
    - d2: Excavation Absolutely Prohibited
  - <sup>5</sup> Fishing advisory to recommend limiting subsistence consumption of bottom fish and mussels; fact sheets on the advisory are distributed to City of Adak residents.
  - <sup>6</sup> Education program (required for shellfish/fishery advisory and for ordnance hazards).
  - <sup>7</sup> Visual inspection and reporting of institutional controls conducted annually, or as necessary and appropriate. Assess the need to take additional action or to reduce controls, as appropriate. A review of these sites will be reported every five years. The Downtown Area groundwater is inspected by driving existing roads and looking for evidence of domestic wells in use.
  - <sup>8</sup> Place and annually inspect signage for landfill hazards.
  - <sup>9</sup> Annually inspect soil covers to ensure they remain intact.
  - <sup>10</sup> OU B-1 Sites inspected in 2014 and every five years. Next inspection to occur in 2019.
- \*CERCLA landfill closures  
Gray highlight indicates sites inspected in 2014.
-

**Table 1-3.** Summary of Inspection Forms Completed at Institutional Controls Sites

Site Name	Non-Landfill Primary Inspection Checklist	Landfill Primary Inspection Checklist	Educational Survey	Navy-Retained Lands (Parcel 4) Primary Inspection Checklist
<b>Petroleum Sites</b>				
<i>Natural Attenuation Monitoring</i>				
Amulet Housing, Well AMW-706 Area	X			
Amulet Housing, Well AMW-709 Area	X			
Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4***	X			
Area 303	X			
Boy Scout Camp, West Haven Lake, UST BS-1***	X			
Finger Bay Quonset Hut, UST FBQH-1***	X			
Former Power Plant, Building T-1451	X			
Housing Area (Arctic Acres)	X			
MAUW Compound, UST 24000-A***	X			
ROICC Contractor's Area (UST ROICC-7)	X			
ROICC Contractor's Area (UST ROICC-8)	X			
Runway 5-23 Avgas Valve Pit	X			
SA 79, Main Road Pipeline	X			
SWMU 14, Old Pesticide Disposal Area*	X			
SWMU 15, Future Jobs/DRMO*	X			
SWMU 60, Tank Farm A	X			
SWMU 61, Tank Farm B	X			
<i>Petroleum Free Product</i>				
Downtown Area Groundwater*			X	
GCI Compound, UST GCI-1	X			
Mount Moffett Power Plant 5 (USTs 10574 through 10577)***	X			
NMCB Building Area, T-1416 Expanded Area	X			
NORPAC Hill Seep Area***	X			
SWMU 58/SA 73, Heating Plant 6***	X			
SA 78, Old Transportation Building USTs***	X			
SA 80, Steam Plant 4, USTs 27089 and 27090	X			
SA 82, P-80/P-81 Buildings***	X			
SA 88, P-70 Energy Generator, UST 10578***	X			
SWMU 17, Power Plant 3 Area*	X			
SWMU 62, New Housing Fuel Leak	X			
South of Runway 18-36 Area	X			
Tanker Shed, UST 42494	X			
Yakutat Hangar, UST T-2039-A***	X			
<b>CERCLA Sites</b>				
SWMU 10, Old Baler Building	X			
SWMU 14, Old Pesticide Disposal Area*	X			
SWMU 15, Future Jobs/DRMO*	X			

**Table 1-3.** Summary of Inspection Forms Completed at Institutional Controls Sites  
 (continued)

Site Name	Non-Landfill Primary Inspection Checklist	Landfill Primary Inspection Checklist	Educational Survey	Navy-Retained Lands (Parcel 4) Primary Inspection Checklist
<b>CERCLA Sites (continued)</b>				
SWMU 16, Former Firefighting Training Area	X			
SWMU 17, Power Plant 3 Area*	X			
SWMU 20, White Alice/Trout Creek Disposal Area	X			
SWMU 21A, White Alice Upper Quarry	X			
SWMU 23, Heart Lake Drum Disposal Area	X			
SWMUs 52, 53, 59, Former LORAN Station	X			
SWMU 55, Public Works Transportation Department Waste Storage Area	X			
SWMU 67, White Alice PCB Spill Site	X			
SA 76, Old Line Shed Building	X			
<b>Landfill Sites</b>				
SWMU 2, Causeway Landfill**		X		
SWMU 4, South Davis Road Landfill**		X		
SWMU 11, Palisades Landfill**		X		
SWMU 13, Metals Landfill**		X		
SWMU 18, South Sector Drum Disposal Area (White Alice Landfill) and SWMU 19, Quarry Metal Disposal Area (White Alice Landfill)**		X		
SWMU 25, Roberts Landfill		X		
SWMU 29, Finger Bay Landfill**		X		
<b>Fish Advisory Areas</b>				
Sweeper Cove			X	
Kuluk Bay			X	
<b>RCRA Sites</b>				
SWMU 24, Hazardous Waste Storage Facility	X			
SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area	X			
<b>CERCLA Ordnance Sites</b>				
Navy-Retained Land (Parcel 4)			X	X
OU B-1 Sites: C3-01A, C3-01B, C3-01C, C3-01D, C3-01E, C3-01F, FB-01, FB-02, HH-01, ML-01A, ML-01B, ML-01C			X	X
<i>Notes:</i>				
*CERCLA and Petroleum Institutional Controls Apply				
**CERCLA Landfill Closure				
***Conditional Closure				
Gray highlight indicates sites inspected in 2014.				

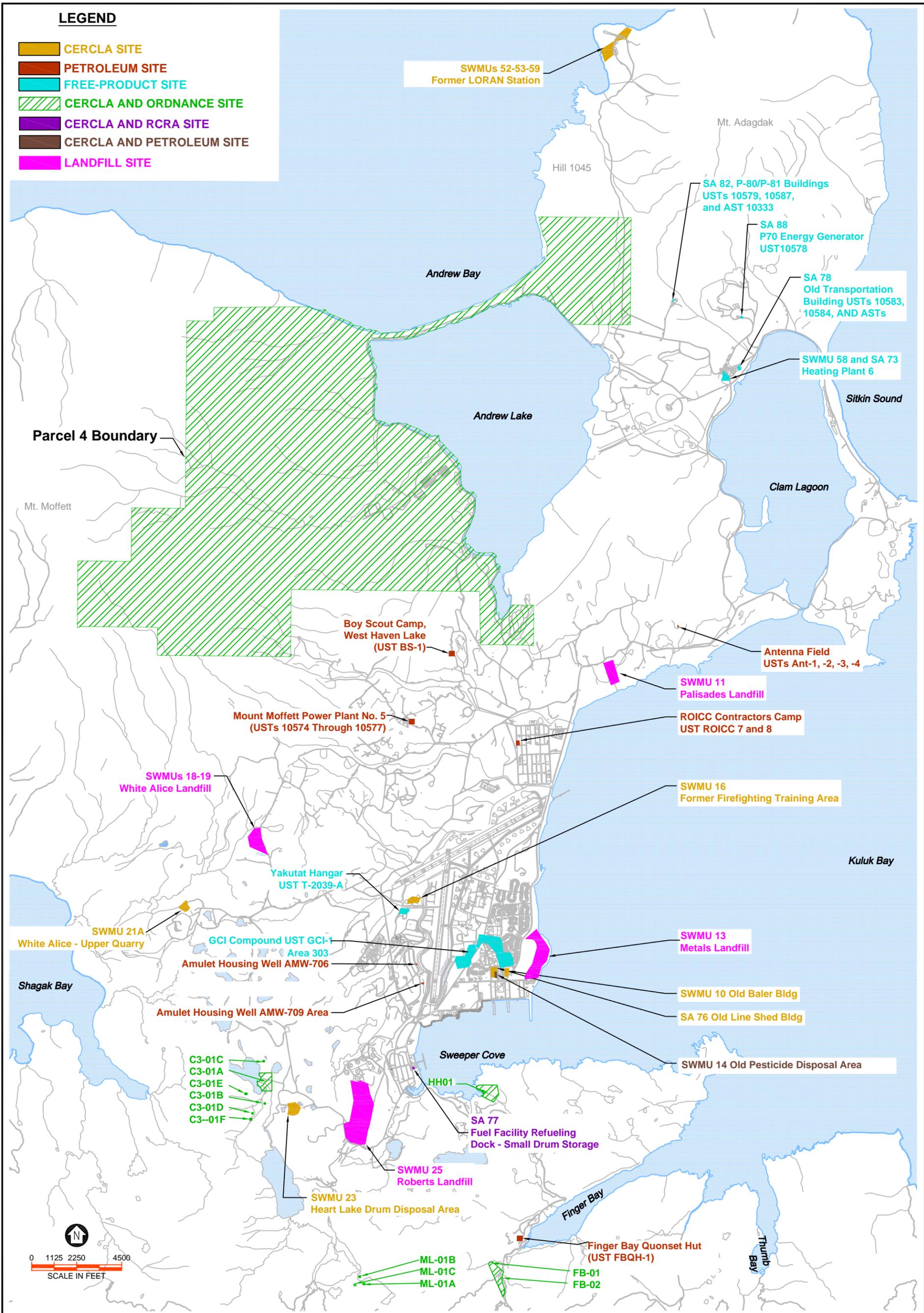


Figure 1-2  
Location of Institutional Control Sites  
on Adak Island

Task Order 05  
Adak Island, Alaska  
2014 Institutional Controls  
Inspection Report

**U.S.NAVY** **SEALASKA**

## **2. INSTITUTIONAL CONTROL SITE INSPECTIONS, DOWNTOWN AREA**

The Downtown Area comprises the populated area of Adak Island and includes the airport, the docks, and all support facilities (Figure 1-2). Within this area, the ICs include land use restrictions, equitable servitude, groundwater restrictions, and soil excavation restrictions. The landfills within the Downtown Area also require soil cover inspections.

### **2.1 DOWNTOWN AREA GROUNDWATER**

The equitable servitude included in the land transfer documentation is the prohibition against domestic groundwater use and the digging of wells for domestic groundwater use in the Downtown Area. This prohibition attaches to the land and therefore applies to the current landowner and all subsequent landowners.

Drinking water is currently, and has always been, supplied from a surface water source, which is currently Lake Bonnie Rose. Domestic groundwater use restrictions prevent potential residential exposure to impacted groundwater, and it precludes impacts to groundwater remediation efforts in the area. The chemicals of potential concern (COPCs) related to the Downtown Area groundwater are primarily petroleum compounds. Transect inspections of the Downtown Area were conducted from August 31 to September 6, 2014, in accordance with CMP, Revision 6 (Navy 2014a). During the inspections, no indications were found for domestic potable wells being used or drilling activities for potable water taking place.

### **2.2 DOWNTOWN AREA CERCLA SITES (EXCEPT LANDFILLS)**

The primary purpose of the ICs for the CERCLA sites in the Downtown Area is to verify compliance with the land use assumptions used in establishing cleanup levels, thereby decreasing the probability of adverse effects to human health due to exposure to residual chemicals. The anticipated future use was an important consideration in determining the level of protectiveness required at the sites. For example, the CERCLA sites in the Downtown Area are found in industrial areas, and the anticipated land use was expected to remain the same based on the information available when the remedies were selected in the OU A ROD. The residual chemicals that remain at some Downtown Area sites are safe for workers and recreational activities, but they may not be safe for full-time residents living on the property. These were determined as incremental cancer risks (ICRs) and are discussed for each site in the context of the chemical or chemicals that pose the potential ICR.

ICRs calculate the potential for an additional cancer diagnosis associated with chemicals that are present at a site under various land use scenarios and exposure durations. The incremental risk is an estimate of what risk might be attributable to a certain chemical, beyond the current U.S. cancer rate of one in four adults contracting some form of cancer, and averaged over a lifetime. At the national rate, 25,000 people in a population of 100,000 would be expected to be diagnosed with some form of cancer during their lifetime. An estimated ICR of  $1 \times 10^{-5}$  for this same population would result in 25,001 persons being diagnosed with cancer over their lifetime (i.e., one additional diagnosis per 100,000). For many of the Downtown Area CERCLA sites, the ICR exceeds the ADEC requirement that cumulative risks do not exceed  $1 \times 10^{-5}$  for residential use.

For the purposes of inspection and reporting, the following ICs that are required for the Downtown Area CERCLA sites are presented in Table 1-2 and are documented below:

- Land Use Restrictions – For the sites listed in this subsection, residential construction is prohibited. Commercial, industrial, and recreational land uses are allowed.
- Equitable Servitude – The provisions of the equitable servitude have been incorporated in the Interim Conveyance transferring the property to TAC.
- Groundwater Use Restrictions – The Downtown Area groundwater is restricted from domestic use.
- Soil Excavation Restrictions – For most of the sites discussed below, excavation notifications are required for excavations below 2 feet. The notifications, discussed below in Section 4.1, are evaluated to determine whether the proposed excavation is consistent with the land use restrictions.

### **2.2.1 SWMU 10, Old Baler Building**

The Old Baler Building, solid waste management unit (SWMU) 10, is located west of Monument Hill and approximately 1,200 feet north of Sweeper Cove. The Old Baler Building was once used to mechanically compact and compress municipal waste. The site comprises an area of approximately 1.71 acres. Polychlorinated biphenyl (PCB) Aroclor 1260 and indeno(1,2,3-cd)pyrene were identified in the OU A ROD as the COPCs for SWMU 10. The allowed land use is commercial and industrial.

During the September 3, 2014 inspection, no changes to the site were observed compared to the 2013 inspection results. The site appeared to be used as a storage location for cement cinder blocks. No residential construction had occurred at the site (Photograph 2-1).

No indications of groundwater use or excavation activities were found. The ICs required at

this location include soil excavation restrictions. Two soil excavation restriction signs were present at the site. One is located along Bay Shore Drive and the other is located northwest of the site.



**Photograph 2-1.** SWMU 10, Old Baler Building – looking west. The fence in the photograph was installed by the land user and is not an IC requirement.

### 2.2.2 SWMU 14, Old Pesticide Disposal Area

SWMU 14, the Old Pesticide Disposal Area, consists of a vacant property located to the southwest of the Public Works Building in the Downtown Area (Photograph 2-2). The site includes the foundation of former Building 1471 and an abandoned drain field reportedly used to disperse pesticide rinse water. Building 1471 was used from 1950 to 1987 for handling a variety of pesticides. The site is bordered to the north and west by SWMU 76, Old Line Shed, to the south by Public Works Road, and to the east by an unnamed dirt road. The site consists of a featureless, flat, unpaved soil area covered with gravel. COPCs identified at this site in the OU A ROD include diesel-range organics (DROs), toluene, and benzo(a)pyrene in soils and perchloroethylene (PCE) in groundwater.



**Photograph 2-2.** SWMU 14, Old Pesticide Disposal Area – looking east

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results. The site did not appear to be in use. No residential construction had occurred at the site. No indications of groundwater use or excavation activities were found at the site. The ICs required at this location include soil excavation restriction. There were no signs present on the site, but several signs were located in the immediate vicinity of the site. Therefore, all ICs appear to be functioning as intended.

### **2.2.3 SWMU 16, Former Firefighting Training Area**

SWMU 16 was used for firefighter training from 1970 to 1989. It was included in the CERCLA investigations because petroleum, waste oil, and solvents were ignited on site during training exercises. This area is generally flat, with elevations ranging from 5 to 12 feet above mean lower low water (MLLW). The site was cleared of training materials in 1992. About four acres in size, the area (Photograph 2-3) is adjacent to former Taxiway E, near the west end of Runway 5-23. COPCs identified at this site in the OU A ROD include PCB Aroclor 1260 in groundwater.



**Photograph 2-3.** SWMU 16, Former Firefighting Training Area – looking north

During the September 3, 2014 inspection, no changes to the site were observed compared to the 2013 inspection results. The site did not appear to be in use. No residential construction had occurred at the site. No indications of groundwater use or excavation activities were found. The sign is located approximately 100 feet from the road and is legible (see Photograph 2-3). The ICs appear to be functioning as intended in the OU A ROD to protect human receptors from exposure to contaminated soil or groundwater.

## 2.2.4 SA 76, Old Line Shed Building

Source area (SA) 76, approximately 1.34 acres, is a rectangular open area with a concrete foundation pad surrounded by gravel and vegetation (Photograph 2-4). Historically, the site was used for office space, line crew living quarters, and storage space for a variety of materials. The structures were removed after they were damaged in a 1982 storm. Arsenic and indeno(1,2,3-cd)pyrene are identified as COPCs in onsite soil in the OU A ROD.



**Photograph 2-4.** SA 76, Old Line Shed Building – looking northwest

The City of Adak is currently using this site as a solid waste transfer station. During the inspection on September 3, 2014, one dumpster was observed on site. No residential construction had occurred at the site. No indications of groundwater use or excavation activities were found. No changes to the site were observed compared to the 2013 inspection results. Usage of the site remains within the IC requirements of commercial/industrial. A soil excavation restriction sign is located at the northeast end of the site. Therefore, all ICs appear to be functioning as intended.

### 2.2.5 Downtown Area Water Bodies

Sweeper Cove and Kuluk Bay were evaluated separately due to different upland sites that may drain into them (Photographs 2-5 and 2-6, respectively). Aroclor 1254 (Kuluk Bay) and Aroclor 1260 (Sweeper Cove) have been detected in rock sole and blue mussels at these locations. In 2003, the 5 years of marine sampling required by the ROD for OU A were completed. Those 5 years of data established the baseline for temporal trend evaluations.



**Photograph 2-5.** Sweeper Cove – looking north from Finger Bay Road

After evaluating the 5 years of monitoring results in 2003, the Navy, in consultation with ADEC and EPA, determined that sampling of rock sole and blue mussels from Sweeper Cove and Kuluk Bay should continue every other year through the next 5-year review period to evaluate for changes in the total PCB concentration. The recommendations from the 2013 technical memoranda were to continue the current fish consumption advisory for rock sole and blue mussels in Sweeper Cove and for rock sole in Kuluk Bay (Navy 2013). The status of the consumption advisory will be reassessed based on the 2015 sampling event results.



**Photograph 2-6.** Kuluk Bay – looking northeast

The IC required for the Downtown Area water bodies, Sweeper Cove and Kuluk Bay (see Table 1-2) is the distribution of fish advisory fact sheets. Marine monitoring fact sheets were distributed to island residents in 2003, 2006, 2008, 2010, 2012, and 2014. These fact sheets described the results of the monitoring of rock sole and blue mussels in Sweeper Cove and Kuluk Bay and recommended meal limits (Navy 2014b).

Educational surveys were conducted on ten residents in accordance with CMP, Revision 6 (Navy 2014a) to evaluate the effectiveness of the fish advisory fact sheet. The survey asked whether the participant was aware that fish advisories existed. Six out of 10 surveyed residents were aware of the fish advisory. In 2014, sixty percent of residents surveyed were aware of the fish advisory. Thus, it appears a new IC fact sheet should be distributed to residents. Survey results are described in more detail in Section 5.3, and the survey questionnaire is presented in Appendix B.

## **2.3 DOWNTOWN AREA RCRA CLOSURE SITES**

SWMU 24, Hazardous Waste Storage Facility and SA 77, Fuels Facility Refueling Dock Small Drum Storage Area are two sites in the Downtown Area that were closed under the Resource Conservation and Recovery Act (RCRA). The ICs at RCRA closure sites include the following:

- Land Use Restrictions – For the sites listed in this subsection, residential construction is prohibited. Commercial and industrial land uses are allowed.
- Groundwater Use Restrictions – The Downtown Area groundwater is restricted from domestic use.
- Equitable Servitude – The provisions of the equitable servitude have been incorporated in the Interim Conveyance transferring the property to TAC.
- Soil Excavation Notifications – Excavation notifications for the sites discussed below are required for excavations below 2 feet. The notifications (discussed in Section 4.1) are evaluated to determine whether the proposed excavation is consistent with the land use restrictions.

### **2.3.1 SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area**

The SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area (SDSA) was not operated as a permitted RCRA interim-status container storage facility, but it was included in the RCRA closure process because of observations made by EPA representatives in 1989. Four drums assumed to contain hazardous waste were found at the time. The Navy agreed to EPA's RCRA designation, and the SDSA was investigated in July 1993 to determine whether past activities related to drum storage had left residual contamination that could pose a future risk to Adak residents or exceeded relevant regulations.

The site was closed under RCRA in 1995 because the data collected during the RCRA closure showed that RCRA-regulated hazardous wastes were not present at the SDSA at concentrations warranting corrective action. The area is currently used as a parking apron for Adak Fuels trucks and fuel drums (Photograph 2-7).

During the inspection on September 2, 2014, no changes to the site were observed compared to the 2013 inspection results. The site is currently being used for a commercial purpose, which is allowed under CMP, Revision 6 (Navy 2014a). No residential construction had occurred at the site. No indications of groundwater use or excavation activities were found. Excavation restriction signs were clearly visible. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 2-7.** SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area – looking east

## 2.4 DOWNTOWN AREA PETROLEUM SITES

Five remedial alternatives were selected for the petroleum sites administered under SAERA on Adak: free product recovery, monitored natural attenuation (MNA), limited soil removal, limited groundwater monitoring, and ICs. Limited soil removal was conducted in 2006 by the Navy at SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area. ADEC approved conditional closure (No Further Remedial Action Planned [NFRAP]) for the site.

ICs are applied to limit land use activities at the individual sites and to confirm the integrity of the free product recovery and monitoring. These controls include restrictions on groundwater use and soil excavations. They are designed to reduce the potential for direct exposure in the short term, until petroleum concentrations are reduced below cleanup levels. The listed Downtown Area petroleum sites are presently undergoing monitoring.

For the purposes of inspection and reporting, the following ICs are required for the Downtown Area petroleum sites documented below:

- Land Use Restrictions – Residential, commercial, and industrial land uses are allowed. Residential housing is allowed where housing already exists, such as Arctic Acres Housing. Future residential housing construction will be evaluated for impacts to ongoing petroleum cleanup activities.
- Equitable Servitude – The provisions of the equitable servitude have been incorporated in the Interim Conveyance transferring the property to TAC.
- Groundwater Use Restrictions – The Downtown Area groundwater is restricted from domestic use.
- Soil Excavation Notifications – Excavation notifications for the sites are required for excavations below 2 feet. The notifications, discussed in Section 4.1, are evaluated to determine whether the proposed excavation is consistent with the land use restrictions.

#### **2.4.1 Monitored Natural Attenuation Petroleum Sites**

MNA was selected as the remedy in the OU A ROD for 12 sites in the Downtown Area. Two of these sites, SWMU 14, Old Pesticide Disposal Area, and SWMU 15, Future Jobs/Defense Reutilization Marketing Office (DRMO), are also CERCLA sites. SWMU 14 was discussed above in Section 2.2.2 and SWMU 15 is inspected every odd year beginning in 2013. The ICs at these sites help prevent exposure to potentially harmful chemicals while the monitoring continues.

##### **2.4.1.1 Amulet Housing, Well AMW-706 Area**

Amulet Housing, Well AMW-706 Area is located along the eastern edge of Amulet Housing, on the east side of Travis Way, and west of Runway 18-36. The site is adjacent to South Sweeper Creek (Photograph 2-8). Well AMW-706, which has since been decommissioned, was installed during the remedial investigation at Tank Farm A and was part of a group of regional wells used to determine groundwater quality and flow characteristics outside of the Tank Farm A source areas. The IC portion of this site consists of approximately 0.07 acres.



**Photograph 2-8.** Amulet Housing, Well AMW-706 – looking east at Sweeper Creek

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results. The site is currently not being used. No indications of groundwater use or excavation activities were found. Excavation restriction signs were clearly visible. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

#### **2.4.1.2 Amulet Housing, Well AMW-709 Area**

Amulet Housing, Well AMW-709 Area is located along the southeastern edge of Amulet Housing, on the east side of Travis Way, and west of Runway 18-36 (Photograph 2-9). The site is adjacent to South Sweeper Creek. The well has since been decommissioned. The IC portion of the site is approximately 0.16 acres.



**Photograph 2-9.** Amulet Housing, Well AMW-709 – looking east

The ICs at Amulet Housing, Well AMW-709 Area are the restriction of land use to industrial or commercial activities; the restriction of groundwater use, which are included in an equitable servitude; and a requirement to complete an excavation notification before intrusive work to a depth greater than 2 feet is conducted (see Table 1-2). During the September 3, 2014 inspection, no changes to the site were observed compared to the 2013 inspection results. The site is currently not being used. No indications of groundwater use or excavation activities were found at this site. Excavation restriction signs were clearly visible. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

#### **2.4.1.3 ROICC Contractor's Area, USTs ROICC-7 and ROICC-8**

The Resident Officer in Charge of Construction (ROICC) Contractor's Area, underground storage tanks (USTs) ROICC-7 and ROICC-8 site is located north of the runways and downtown Adak in an unpopulated area, approximately 0.5 mile west of Kuluk Bay. The ROICC Contractor's Area site is approximately 0.86 acres. The ROICC building foundation

is located on the western edge of the site. The site had several USTs on site which have since been removed. The history and use of the USTs are not documented, but the tanks were believed to have been used to collect and store diesel-range and heavier petroleum products. Limited groundwater monitoring was selected as the remedy for the ROICC-7 portion of the site. MNA and ICs were selected as the remedy for the ROICC-8 portion of the site. Because monitoring results between 1999 and 2003 revealed benzene concentrations in groundwater above endpoint criteria, the remedy was changed to MNA (ADEC 2005).

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results. The site is currently not being used (Photograph 2-10). No residential construction had occurred at the site. No indications that groundwater was being used and no indications of excavation activities were found. An excavation restriction sign was present on site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 2-10.** ROICC Contractor's Area – looking southwest

#### 2.4.1.4 Runway 5-23, Avgas Valve Pit

Runway 5-23, Avgas Valve Pit is associated with an abandoned 6-inch-diameter aviation avgas transfer pipeline that supplied fuel to the Runway 5-23 truck fill stand. The site is located approximately 800 feet south of the southern end of Runway 5-23 and 50 feet west of a former truck fill stand. The pipeline has been closed and the site is not currently used (Photograph 2-11). This site is approximately 0.42 acres.



**Photograph 2-11.** Runway 5-23, Avgas Valve Pit – looking north at former route of avgas transfer pipeline

During the October 15, 2014 inspection, no changes to the site were observed compared to the 2013 inspection results. The site is currently not being used. No residential construction had occurred at the site. No indications of groundwater use or excavation activities were found. An excavation restriction sign is present at the site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

## **2.4.2 Free Product Recovery Petroleum Sites**

Free product recovery, MNA, and ICs were selected as remedies at the following downtown sites: General Communications, Inc. (GCI) Compound; Naval Mobile Construction Battalion (NMCB) Building T-1416; SA 80, Steam Plant 4; South of Runway 18-36; SWMU 17, Power Plant 3 Area; SWMU 62, New Housing Fuel Leak Area; and Tanker Shed.

Limited groundwater monitoring and ICs were selected at the following downtown sites: North Pacific (NORPAC) Hill Seep Area and Yakutat Hangar. The decision document for SWMU 17, Power Plant 3 Area was finalized in December 2006, and the selected remedy was MNA and ICs. In 2007, Yakutat Hangar received conditional closure from ADEC and was placed on NFRAP status, with IC inspections continuing to be performed. In 2011, NORPAC Hill Seep Area received a status of “Cleanup Complete with ICs” from ADEC. GCI Compound and Yakutat hanger were inspected this year as part of the 5 year inspections.

### **2.4.2.1 GCI Compound, UST GCI-1**

The GCI Compound, UST GCI-1 site is located near the housing area and adjacent to the Main Road. The ground surface at this site consists of a level gravel lot with patches of grass within the fenced enclosure and an extensive level area covered with native grasses outside the fenced area (Photograph 2-12). The closest surface water body, East Canal, is located approximately 1,000 feet southwest of the site. A UST was removed from the site in 1995. Free product recovery has ceased at the site, and the final remedy for the GCI Compound is MNA.



**Photograph 2-12.** GCI Compound, UST GCI-1 – looking southwest

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results. No residential construction had occurred at the site, and excavation restriction signs are clearly visible. No indications of groundwater use or excavation activities were found at this site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

#### **2.4.2.2 NORPAC Hill Seep Area**

NORPAC Hill was a former bulk fuel storage area located at the top of the hill to supply housing and infrastructure built at its base in 1964 (Photograph 2-13). Army barracks and mess halls supplied with heating fuel from NORPAC Hill fuel storage also previously occupied the area. Petroleum products from leaks and spills flowed down the hill and entered the groundwater along its base and flowed eastward toward Kuluk Bay, which is adjacent to the site. The final remedy for the NORPAC Hill seep was limited groundwater monitoring, but the site received conditional closure from ADEC in 2011 when endpoint criteria were achieved.



**Photograph 2-13.** NORPAC Hill Seep Area - looking west

During the inspection on October 15, 2014, no changes to the site were observed compared to the 2013 inspection results. No residential construction has occurred at the site, and no indications of groundwater use or excavation activities were found. Excavation restriction signs were clearly visible. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to soil or groundwater.

#### **2.4.2.3 Yakutat Hangar, UST T-2039-A**

The Yakutat Hangar site is located approximately 1,800 feet west of Runway 18-36 and approximately 1,500 feet south of the west end of Runway 5-23. Building T-2039 was built in the 1940s as an airplane hangar (Photograph 2-14). An automobile repair garage was constructed on the site some time later. Sometime in the 1970s, the hangar was converted from its original use to house additional automobile repair and automobile hobby shop facilities. UST T-2039-A was installed in 1979 about 17 feet north of Yakutat Hangar, which stored oil generated by auto repairs at Building T-2039. When UST T-2039 was removed in September 1993, it showed no signs of corrosion.



**Photograph 2-14.** Yakutat Hanger – looking east at excavation restriction sign

In 1996, the Navy discovered free product in a drainage ditch to the northwest of Yakutat Hangar. Temporary well points were installed in 1997 to evaluate the extent of free product and identify the source. The source of the free product plume was attributed to leaks from an underground heating pipeline that connects the aboveground storage tank (AST) located west of the hangar to the heating system in the hangar. A free product recovery system consisting of an interceptor trench located immediately upgradient of the former ditch was installed in 1997. Product recovery was completed in 2001. Limited groundwater monitoring has been selected as the final cleanup remedy. In 2007, Yakutat Hangar received conditional closure from ADEC and is placed on NFRAP status with IC inspections continuing to be performed.

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results and the site appeared to not be in use. No residential construction had occurred at the site. No indications of groundwater use or excavation activities were found. Excavation restriction signs were clearly visible (Photograph 2-14). Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

### **3. INSTITUTIONAL CONTROL SITE INSPECTIONS AT OU A REMOTE AREA SITES**

#### **3.1 REMOTE AREA CERCLA SITES (EXCEPT LANDFILLS)**

The primary purpose of the ICs for the CERCLA sites in the Remote Area is to verify compliance with land use assumptions used in establishing cleanup levels, thereby decreasing the probability of adverse effects to human health due to exposure to residual chemicals. The anticipated future use was an important consideration in determining the level of protectiveness required at the sites. For example, the CERCLA sites in the Remote Areas are located in former industrial areas, and the anticipated land use is expected to remain industrial based on the information available when the remedies were selected in the OU A ROD. The residual chemicals that remain at some Remote Area sites are safe for workers and recreational activities, but they may not be safe for full-time residents living on the property. These were determined as ICRs and are discussed for each site in the context of the chemical or chemicals that pose the potential ICR. For many of these sites, the ICR exceeds the ADEC requirement that cumulative risks do not exceed  $1 \times 10^{-5}$  for residential use. That standard is more stringent than the EPA risk range of  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$  that also can take into account different land use and exposure scenarios.

For the purposes of inspection and reporting, the ICs that are required for the Remote Area CERCLA sites are presented in Table 1-2 and are documented below:

- Land Use Restrictions – For the sites listed in this subsection, residential construction is prohibited. Both recreational use and commercial and industrial land uses are allowed.
- Equitable Servitude – The provisions of the Equitable Servitude have been incorporated in the Interim Conveyance transferring the property to TAC.
- Soil Excavation Prohibition – For SWMU 21A, White Alice Upper Quarry and SWMU 67, White Alice PCB Spill Site, excavation is prohibited to protect the cap and prevent exposure to contaminants. Excavation for the purpose of installing a domestic use groundwater well is also prohibited.
- Soil Excavation Notifications – For SWMU 20, White Alice/Trout Creek Disposal Area; SWMU 23, Heart Lake Drum Disposal Area; and SWMUs 52, 53, 59, Former Long-Range Navigation (LORAN) Station excavation notifications are required for excavations below 2 feet. The notifications, discussed in Section 4.1, are evaluated to determine whether or not the proposed excavation is consistent with the land use restrictions.

### 3.1.1 SWMU 21A, White Alice Upper Quarry

This 3-acre site is an abandoned quarry along the access road to the former White Alice radar array facility, located about 2 miles west of downtown Adak. The site was evaluated under CERCLA because drums of PCB-containing oil were disposed of in the area and PCBs were identified in the soil. Although there are no formal records to confirm this, anecdotal information indicates that during demolition of the White Alice facility (1980 to 1982), drums containing transformer oil were disposed of at (or in the vicinity of) SWMU 21A. A removal action was conducted in 1992 to remove 780 cubic yards of PCB-impacted soils. A soil cover with a 20-millimeter liner was placed over areas of residual PCBs to minimize direct exposure to and possible migration of residual PCB. Removed soils were disposed of beneath the SWMU 67, White Alice PCB Spill site cap. Aroclor 1260 was identified in the OU A ROD as the COPC.

During the inspection on September 2, 2014, no changes to the site were observed compared to the 2013 inspection results. No residential construction had occurred at the site. No excavations were identified during the inspection and excavation restriction signs were clearly visible (Photograph 3-1). The site appeared not to be in use. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 3-1.** SWMU 21A, White Alice Upper Quarry – looking west

### 3.1.2 SWMU 23, Heart Lake Drum Disposal Area

This site is located in an undeveloped field about 2 miles southwest of downtown Adak. It occupies a hillside between two small, unnamed lakes less than 0.5 miles from Heart Lake (Photograph 3-2). The site, 7.19 acres, was apparently used to dispose of about twenty drums and one storage tank in the 1940s. The original contents of the drums are unknown. When they were removed in 1994, all the drums and the storage tank were empty, and no evidence of releases was observed. Arsenic was identified in the OU A ROD as the COPC for this site.



**Photograph 3-2.** SWMU 23, Heart Lake Drum Disposal– looking west

During the inspection on September 2, 2014, no changes to the site were observed compared to the 2013 inspection results. No residential construction had occurred at the site. The site appeared not to be in use. No excavations were identified during the inspection and excavation restriction signs were clearly visible. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

### 3.1.3 SWMUs 52, 53, and 59, Former LORAN Station

The Former LORAN Station is located on a northwest-facing promontory along the Bering Sea coastline on the northwest flank of Mount Adagdak. The station, which consists of three buildings in varying stages of disrepair, occupies a bench about 150 feet above MLLW (Photograph 3-3). In addition to the buildings, this site includes two debris disposal areas, one along the western slope below the building bench and the other on the northern slope accessed by a higher road. No developments are within a 1.0-mile radius of the site. The station is approximately 6.5 miles from downtown Adak, and roads to the site have not been maintained for several years. The site was constructed between 1948 and 1950 to support Naval and Coast Guard navigation, and the station was closed in 1979. It was proposed for investigation under CERCLA because debris, including radio equipment, was left in the buildings after closure and additional debris was disposed of on the western and northern slopes. Debris and unused hazardous materials were removed from the site in 1990 and 1991 during the initial site investigations. In addition, two 10,000-gallon jet petroleum #5 (JP-5) tanks and one 10,000-gallon gasoline tank were removed from the site. Two COPCs were identified in the OU A ROD for this site: benzo(a)pyrene and arsenic.



**Photograph 3-3.** SWMUs 52, 53, and 59, Former LORAN Station – looking north

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results. No indications of excavation activities were found and excavation restriction signs are clearly visible. Some recreational use of the site was evident which included graffiti and empty beverage cans, but the use was within the requirements of the ROD. The site is not accessible by on-road vehicles due to a landslide on the access road approximately a mile from the site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

### **3.2 REMOTE AREA PETROLEUM SITES**

Five remedial alternatives were selected for the petroleum sites administered under SAERA on Adak: free product recovery, MNA, limited soil removal, limited groundwater monitoring, and ICs.

ICs are applied to limit land use activities at the individual sites and to confirm the integrity of the remedy. These controls include restrictions on groundwater use and soil excavations. They are designed to reduce the potential for direct exposure in the short term, until petroleum concentrations are reduced below cleanup levels. All sites have received conditional closure because MNA criteria have been met. The sites include:

- Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4;
- Boy Scout Camp, West Haven Lake, UST BS-1;
- Finger Bay Quonset Hut, UST FBQH-1;
- Modified Advanced Underwater Weapons (MAUW) Compound, UST 24000-A;
- Mount Moffett Power Plant 5 (USTs 10574 through 10577);
- SA 88, P-70 Energy Generator, UST 10578;
- SA 82, P-80/P-81 Buildings;
- SWMU 58/SA 73, Heating Plant 6; and
- SA 78, Old Transportation Building USTs.

For the purposes of inspection and reporting, the following ICs are required for the Remote Area Petroleum Sites documented below:

- Land Use Restrictions – Residential construction is prohibited. Commercial and industrial land uses are allowed.
- Equitable Servitude – The provisions of the Equitable Servitude have been incorporated in the Interim Conveyance transferring the property to TAC.
- Groundwater Use Restrictions –Groundwater use is prohibited.
- Soil Excavation Notifications – Excavation notifications for the sites are required for excavations below 2 feet. The notifications, discussed later, are evaluated to determine whether or not the proposed excavation is consistent with the land use restrictions.

### **3.2.1 Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4**

The Antenna Field site is located midway between downtown Adak and Clam Lagoon in an unpopulated area. The Antenna Field site is located on a hilltop northeast of Palisades Lake. Three buildings and antennas were built in 1948 on the site. USTs ANT-1, ANT-2, ANT-3, and ANT-4 supplied JP-5 as heating fuel to the buildings, but were removed in 1993. Several small holes were observed in USTs ANT-3 and ANT-4 upon removal. In 1996, the site was screened using the ADEC Soil Matrix Cleanup Levels and the ADEC supplemental criteria. The site was retained for further investigation because the maximum DRO concentration was slightly above the supplemental criterion for subsurface soil. The source of the petroleum release is not recorded, but appears to have originated from the USTs. The general topography of the Antenna Field is irregular and characterized by hills and drainage swales (Photograph 3-4). The site is not accessible by on-road vehicles. Additional groundwater characterization wells were installed on the site in 2010 and excavation permits were submitted to the Navy as required. ADEC granted conditional closure for this site in 2010 since no continuous groundwater was found to exist onsite.



**Photograph 3-4.** Antenna Field – site overview looking south

During the inspection on September 3, 2014, evidence of ground disturbance observed due to the well decommissioning activities conducted by the Navy in 2013 was no longer visible. No other changes to the site were observed compared to the 2013 inspection results. No indications of a change in land use in this area were found and no residential construction had occurred at the site. No indications of groundwater use or excavation activities were found, and excavation restriction signs were clearly visible. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

### **3.2.2 Boy Scout Camp, West Haven Lake, UST BS-1**

The Boy Scout Camp site is located on the western shore of West Haven Lake. A cabin and UST were located on the site and used by the Boy Scouts for recreational purposes. In 1993, the UST, associated piping, and surrounding contaminated soil were removed. Upon completion of the limited soil removal, limited groundwater monitoring was initiated since petroleum-impacted soil (that was inaccessible) remained at the site. Limited groundwater monitoring was conducted between 1999 and 2000. The site received a status of NFRAP from ADEC in 2005. Currently, one camp building remains at the site (Photograph 3-5). The site is generally inaccessible to on-road vehicles because the access roads on both sides of the camp are inundated.



**Photograph 3-5.** Boy Scout Camp – looking northwest at the sign and site in the background

During the inspection on September 2, 2014, no changes to the site were observed compared to the 2013 inspection results. No indications of a change in land use in this area were found and no residential construction had occurred at the site. No indications of groundwater use or excavation activities were found. Excavation restriction signs are present at this site at the northern and southern entrances. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.

### **3.2.3 Finger Bay Quonset Hut, UST FBQH-1**

The Finger Bay Quonset Hut site is located on the west end of Finger Bay approximately 1 mile south of the City of Adak. Limited soil removal was conducted during 1999, which removed 22 cubic yards of petroleum-contaminated soil. Sampling indicated that petroleum-impacted soils remained at the site. Upon completion of the limited soil removal, limited groundwater monitoring was initiated in 2001. Groundwater achieved endpoint criteria and ADEC has approved conditional closure of the site. The site currently has no structures located on it, but a concrete building pad remains.

During the inspection on September 2, 2014, no changes to the site were observed compared to the 2013 inspection results. No indications of a change in land use in this area were found and no residential construction had occurred at the site. No indications of groundwater use or excavation activities were found, and the excavation restriction sign was clearly visible. The sign was observed to have bullet holes in it, but it was still legible.



**Photograph 3-6.** Finger Bay Quonset Hut – looking south at the concrete pad

### **3.2.4 MAUW Compound, UST 24000A**

The MAUW Compound is located approximately 1 mile north of the City of Adak and north of SWMU 61, Tank Farm B. The diesel UST, associated piping, and contaminated soil were removed in 1994. Because some contaminated soil was left in place, limited groundwater monitoring was selected as the remedy and was conducted between 1999 and 2001. Aliphatic DRO concentrations in groundwater were greater than ADEC groundwater cleanup level in 1999-2000. No target analytes were detected above groundwater cleanup levels in 2001 and ADEC approved NFRAP Status in 2006. Currently, three buildings and a tower are located on the property.

During the inspection on October 15, 2014, no indications of a change in land use in this area were found and no residential construction had occurred at the site. However, the site bunkers are currently being used for commercial storage. No indications of groundwater use or excavation activities were found, and excavation restriction signs were clearly visible (Photograph 3-7). Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 3-7.** MAUW Compound – looking south at sign and structures

### **3.2.5 Mount Moffett Power Plant 5, USTs 10547 through 10577**

Mount Moffett Power Plant 5 is located approximately 1.5 miles northwest of the City of Adak on the slopes of Mount Moffett. USTs, associated piping, and contaminated soil were removed in 1994 and 1996. Confirmation soil sample concentrations exceeded 18 Alaska Administrative Code (AAC) 75 cleanup levels; and therefore a limited soil removal was conducted during 1999 that removed 60 cubic yards of petroleum-contaminated soil. Confirmation sampling again identified concentrations of DROs above the ADEC Soil Matrix Cleanup Levels; however, the decision was made to leave the soil in place with ICs. Currently, two buildings remain on the site.

During the inspection on September 2, 2014, no indications of a change in land use in this area were found. No indications of groundwater use or excavation activities were found, and excavation restriction signs were clearly visible (Photograph 3-8). No excavation had occurred at the site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 3-8.** Mount Moffett Power Plant 5 – looking north

### **3.2.6 SWMU 58/SA 73, Heating Plant 6**

The SWMU 58/SA 73, Heating Plant 6 site is situated in the southwest corner of the former Naval Security Group Activity (NSGA) complex, approximately 5 miles north of downtown Adak on the southern slope of Mount Adagdak. The Heating Plant 6 site is comprised of Buildings 10385 and 10585, six former USTs, one former AST, and one former oil/water separator. Only the buildings remain at the site. The plant was bordered on the northeast by the NSGA complex, which closed in 1995. The final remedy for the site is MNA (Navy 2005b).

During the inspection on September 3, 2014, no indications of a change in land use in this area were found. No indications of groundwater use or excavation activities were found, and excavation restriction signs were clearly visible (Photograph 3-9). No excavation had occurred at the site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 3-9.** SWMU 58 and SA 73, Heating Plant 6 – looking south at the sign and monitoring wells

### **3.2.7 SA 78, Old Transportation Building, USTs 10583, 10584, and ASTs**

SA 78, Old Transportation Building site is located approximately 5 miles north of downtown Adak in the NSGA complex, on the southern slope of Mount Adagdak, near the northwestern shore of Clam Lagoon. The Old Transportation Building was used as the NSGA fire station and transportation garage from 1950 until mid-1991. Two USTs and two ASTs were used at the site to store motor vehicle gasoline for vehicle fueling from the early 1960s. The USTs were installed in 1965. A 1,400-gallon UST was removed in 1979 and the other UST, a 5,000-gallon tank, was removed in 1993. The final remedy for the site is MNA (Navy 2005b). The area east of the Old Transportation Building was filled, graded flat and used as a vehicle fueling area. Although the site has been graded level, the surrounding topography of the Old Transportation Building site slopes southeast toward Clam Lagoon.

During the inspection on September 3, 2014, no indications of a change in land use in this area were found and no residential construction had occurred at the site. No indications that groundwater was being used and no indications of excavation activities were found at the site. Excavation restriction signs were clearly visible onsite (Photograph 3-10). Based on these findings, ICs appear to be functioning properly to protect humans and the environment.



**Photograph 3-10.** SA 78, Old Transportation Building – looking east

### **3.2.8 SA 82, P-80/P-81 Buildings, USTs 10579, 10587, and AST 10333**

The P-80/P-81 Buildings were used by the former NSGA and are located on Shore Road, approximately 4,500 feet north of the main NSGA complex. UST 10587 and AST 10333 were located west of Building P-80 and were used to store JP-5 fuel for the heating boiler. UST 10579 was located northwest of Building P-81 and was used to store fuel to supply the generator in Building P-81. The date the tanks were removed is unknown but an excavation conducted in 1992 confirmed that the USTs were removed. In 2010, the site received a Cleanup Complete with ICs determination from ADEC.

During the inspection on September 3, 2014, no changes to the site were observed compared to the 2013 inspection results. No indications of a change in land use in this area were found and no residential construction had occurred at the site. No indications that groundwater was being used were found at the site. No indications of excavation were found and excavation restriction signs were clearly visible (Photograph 3-11). Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 3-11.** SA 82, P-80/P-81 Buildings Site – looking north

### **3.2.9 SA 88, P-70 Energy Generator, UST 10578**

The SA 88, P-70 Energy Generator site is located on the north side of Giddens Road, north of the main NSGA complex. The P-70 Building was used for auxiliary power generation and miscellaneous storage at NSGA. UST 10578 was installed at Building P-70 in 1965 to store JP-5 for powering the generator. The building is no longer in use.

UST 10578 was removed in May 1993. No records of releases from the UST are available. However, per the site assessment report prepared in 1993, petroleum product was observed on the west sidewall of the excavation at 2 feet below ground surface. The amount

of product observed was not provided. The presence of DRO was reported in all four soil samples collected from the sidewalls and base of the excavation at concentrations greater than the ADEC Soil Matrix Cleanup Levels. The remedy for the SA 88, P-70 Energy Generator site was limited groundwater monitoring (Navy 2005b) and the site received conditional closure from ADEC in 2011 because endpoint criteria were met.

During the September 3, 2014 inspection, no indications of a change in land use were found in this area and no residential construction had occurred at the site. No indications that groundwater was being used were found at the site. No indications of excavation were found and excavation restriction signs were clearly visible (Photograph 3-12), however damage was observed at two of the three signs on site. Therefore, ICs appear to be functioning as intended to protect human receptors from exposure to contaminated soil or groundwater.



**Photograph 3-12.** SA 88, Building P-70 Energy Generator, UST 10578 Site – looking west

### **3.3 ADAK ISLAND ORDNANCE OU B SITES**

CERCLA Ordnance OU B sites include Navy-retained lands (Parcel 4) located on the northeastern slope of Mount Moffett and around Andrew Lake (Figure 1-2). Additionally, a No Further Action determination was made for 12 OU B-1 sites with slopes exceeding 30 degrees with the requirement to conduct inspections every 5 years in support of the 5-year review process. These sites (C3-01A, C3-01B, C3-01C, C3-01D, C3-01E, C3-01F, FB-01, FB-02, HH-01, ML-01A, ML-01B, and ML-01C) are identified on Figure 1-2. These sites have been determined to be inaccessible on Adak Island and, therefore, the No Further Action with inspection determination is appropriate. The Navy has imposed access and use restrictions at the OU B, Parcel 4 area (inspected annually) and the OU B-1 sites, which were inspected in 2014 as part of the 5-year review process. The next IC inspection of OU B-1 sites will be conducted in 2019.

#### **3.3.1 Heart Lake OU B-1 Sites C3-01A through C3-01F**

On September 2, 2014, these sites were visually inspected for signs of erosion, soil exposure, and land use. The sites include a greater than 30 degree sloped area (Photograph 3-13) and a portion of the western shore of Heart Lake (Figure 3-1). No evidence of landslides, sloughing, or obvious erosion was observed at the sites. At site C3-01A, the stream flowing into Heart Lake flows through the site (Photograph 3-14). Additionally, an access road and hiking trails which are illustrated on Figure 3-1 pass through the site and evidence of recreational use (e.g., all-terrain vehicle (ATV) tracks, fishing line, and foot prints on the lake shore) was observed in this area. An area of tall rebar stakes was observed approximately 50 feet south of where the access road intersects the lake shoreline (Figure 3-1). The stakes were removed from the site the day of the inspection. Additionally, ATV tracks were observed adjacent to sites C3-01B, C3-01D, and C3-01F, but not on them. No other evidence of erosion, debris, structures, or usage was observed at sites C3-01A through C3-01F (Photographs 3-13 to 3-18).



**Photograph 3-13.** OU B-1 Site C3-01A – from Heart Lake looking south

These sites fall under the island-wide ordnance awareness. Since these areas are accessed for recreational use, ordnance awareness information should continue to be available to residents and visitors to Adak. The surveys indicated that ninety-five percent of the residents and visitors surveyed were aware of the maps detailing ordnance awareness and restricted areas on Adak. All of the school age children surveyed have seen some of the ordnance awareness materials.



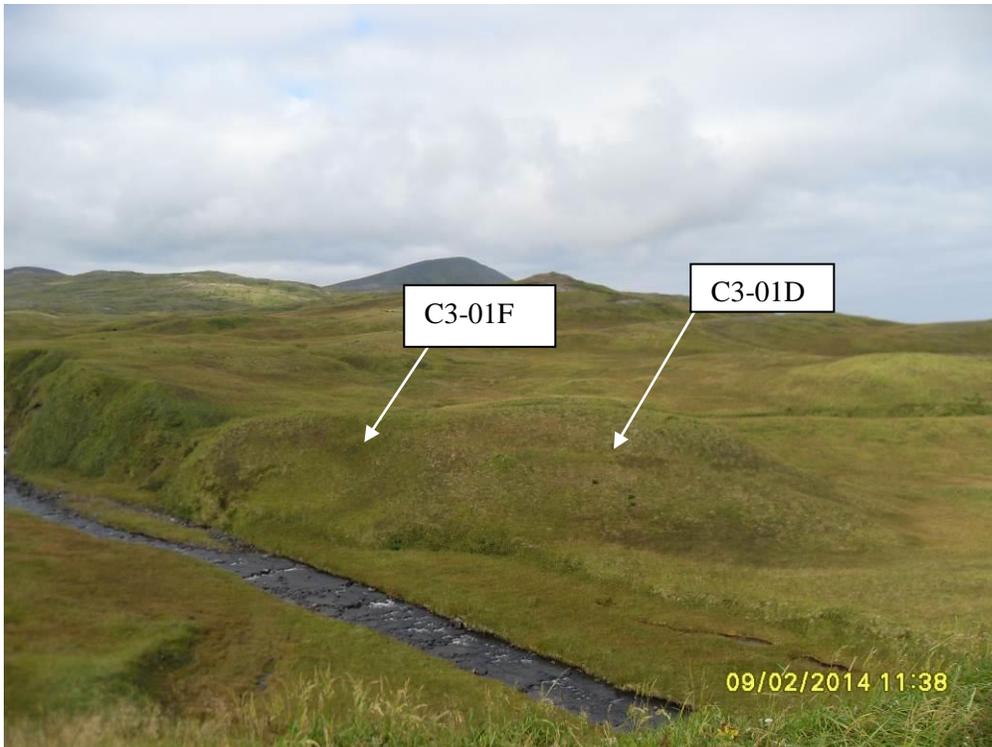
**Photograph 3-14.** OU B-1 Site C3-01A – looking southwest.



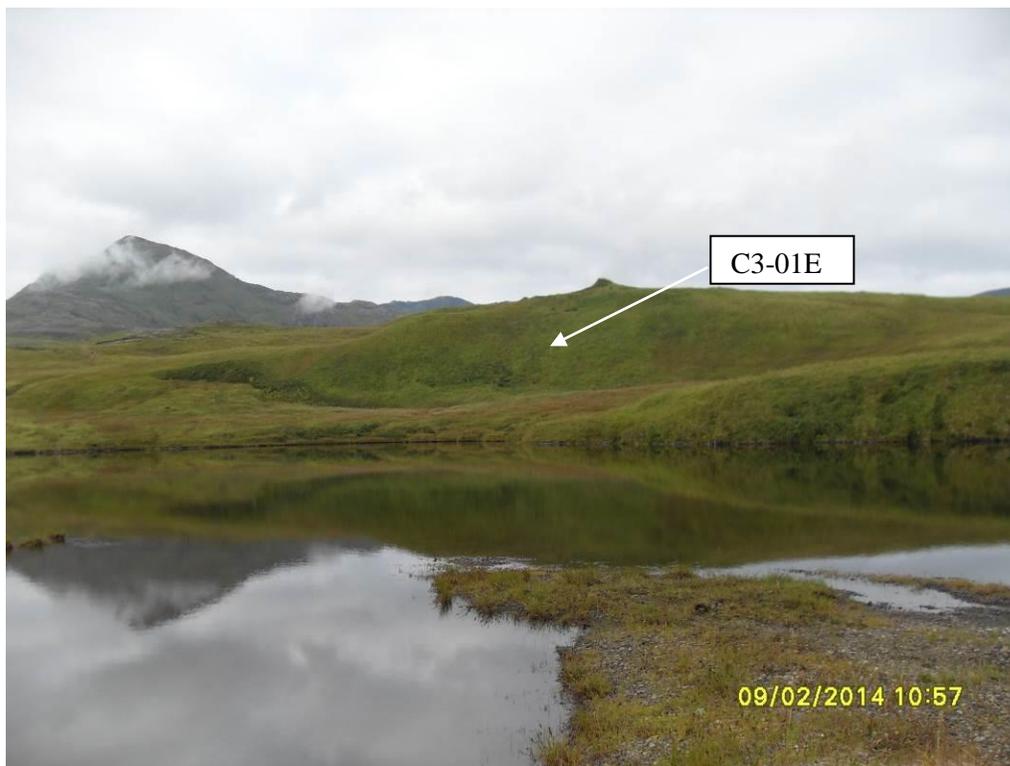
**Photograph 3-15.** OU B-1 Site C3-01B – looking northwest from road, site is between two streams



**Photograph 3-16.** OU B-1 Site C3-01C – looking north across lake

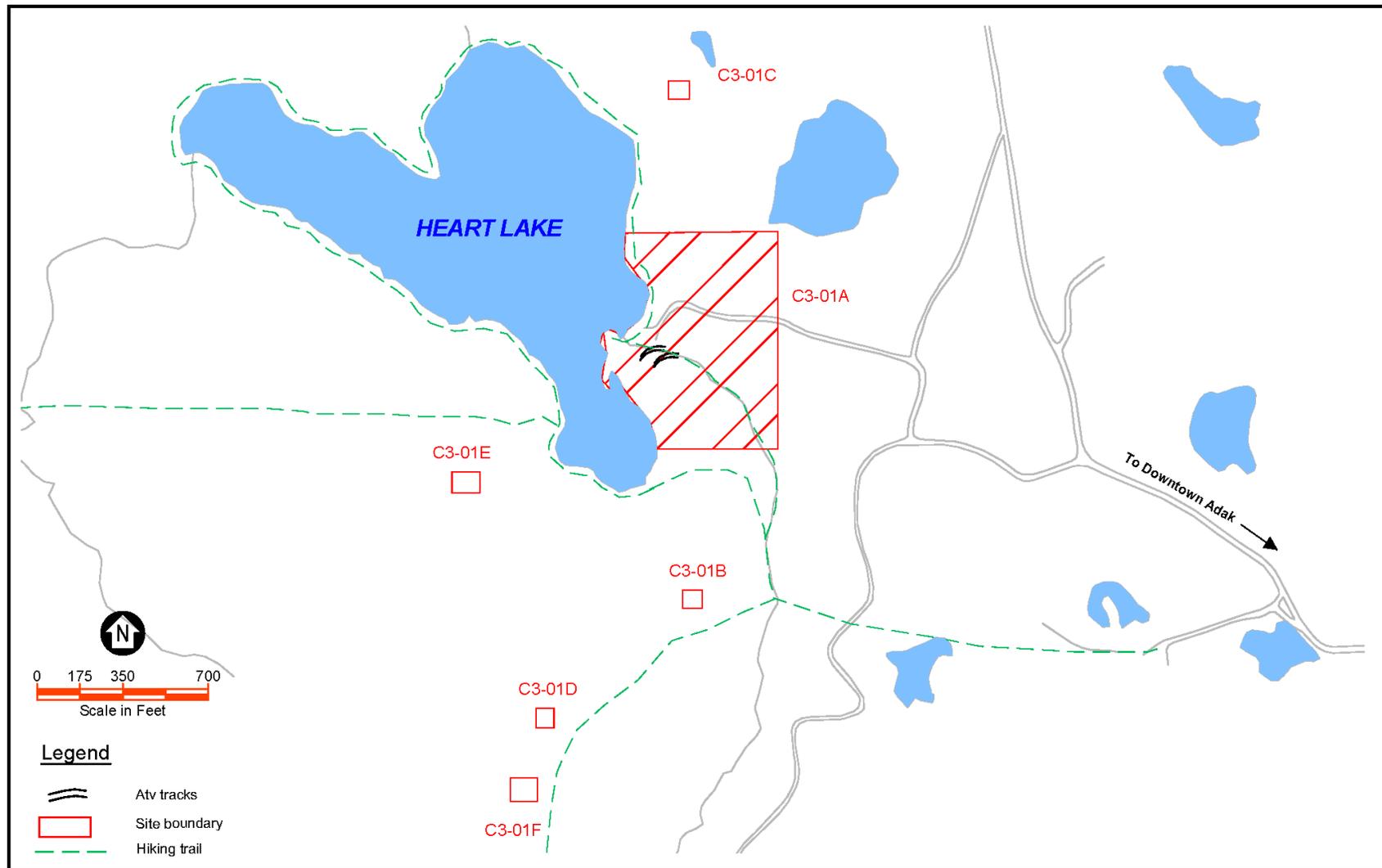


**Photograph 3-17.** OU B-1 Sites C3-01D and C3-01F – looking west from road



**Photograph 3-18.** OU B-1 Site C3-01E – looking west from access road

3-21



**U.S. NAVY**

**SEALASKA**

**Figure 3-1**  
**OUB-1 Site Locations**  
**C3-01A through C3-01F**

Task Order 05  
Adak Island, AK  
2014 Institutional Controls Report

### 3.3.2 Finger Bay OU B-1 Sites FB-01 and FB-02

On September 2, 2014, these sites were visually inspected for signs of erosion, soil exposure, and land use. No evidence of landslides, sloughing, or obvious erosion was observed at the sites (Photographs 3-19 and 3-20). The stream flowing into Finger Bay flows through site FB-02 (Figure 3-2). Additionally, an access road and hiking trails with ATV tracks, which are illustrated on Figure 3-2, appear to pass through site FB-02 and evidence of recreational use (e.g., hiking) was observed in this area (Photograph 3-20). No other evidence of erosion, debris, structures, or usage was observed at the sites.

These sites fall under the island-wide ordnance awareness. Since these areas are accessed for recreational use, ordnance awareness information should continue to be available to residents and visitors to Adak. The surveys indicated that ninety-five percent of the residents and visitors surveyed were aware of the maps detailing ordnance awareness and restricted areas on Adak. All of the school age children surveyed have seen some of the ordnance awareness materials.

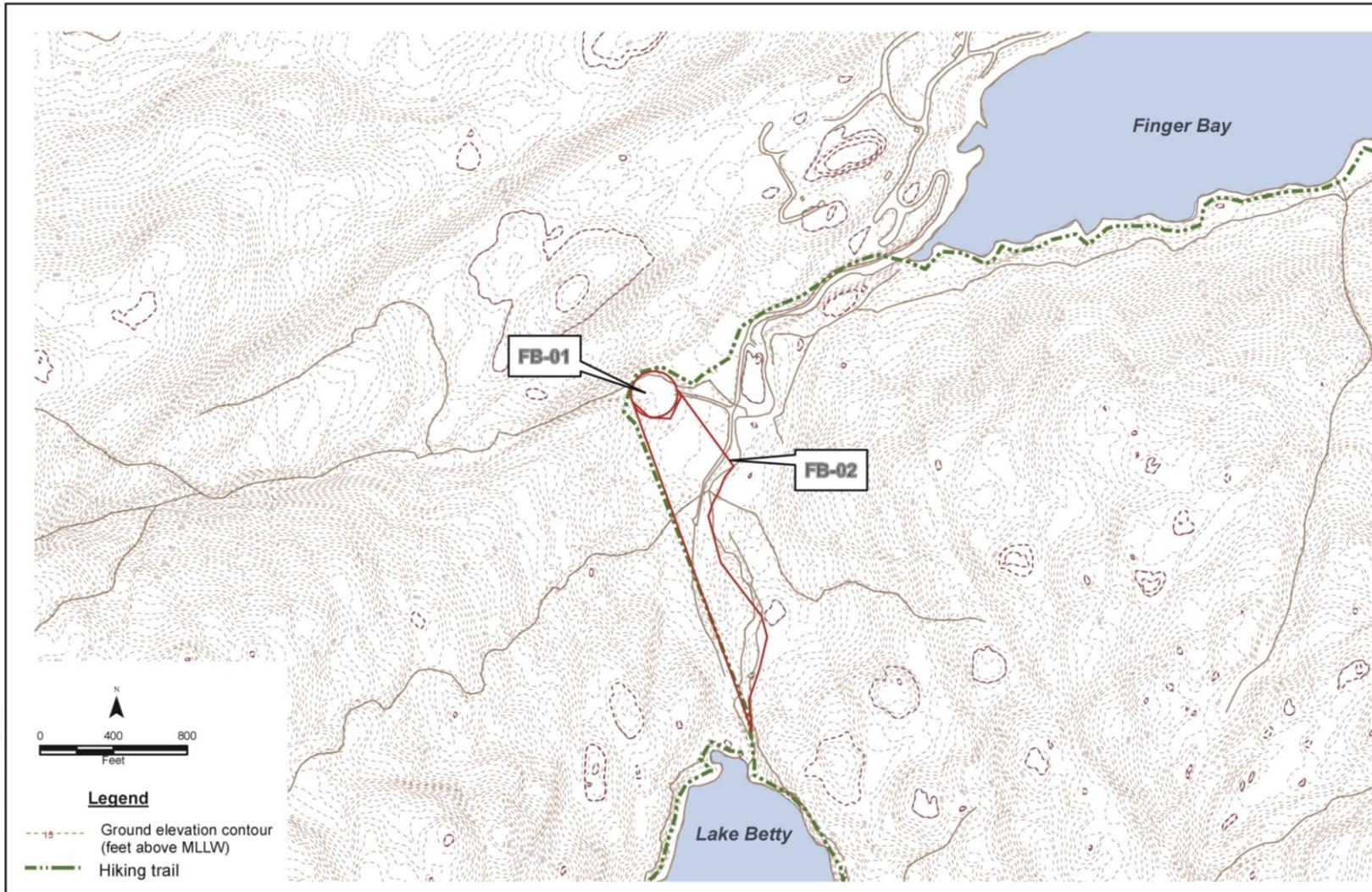


**Photograph 3-19.** OU B-1 Site FB-01 – looking west



**Photograph 3-20.** OU B-1 Site FB-02 – looking south from ATV road/trail

3-24



Date: 11/4/2014  
Path: H:\Adak\CAD\Adak GIS Files\TO\_05\TO\_05\_FIG\_3\_1\_IC.mxd

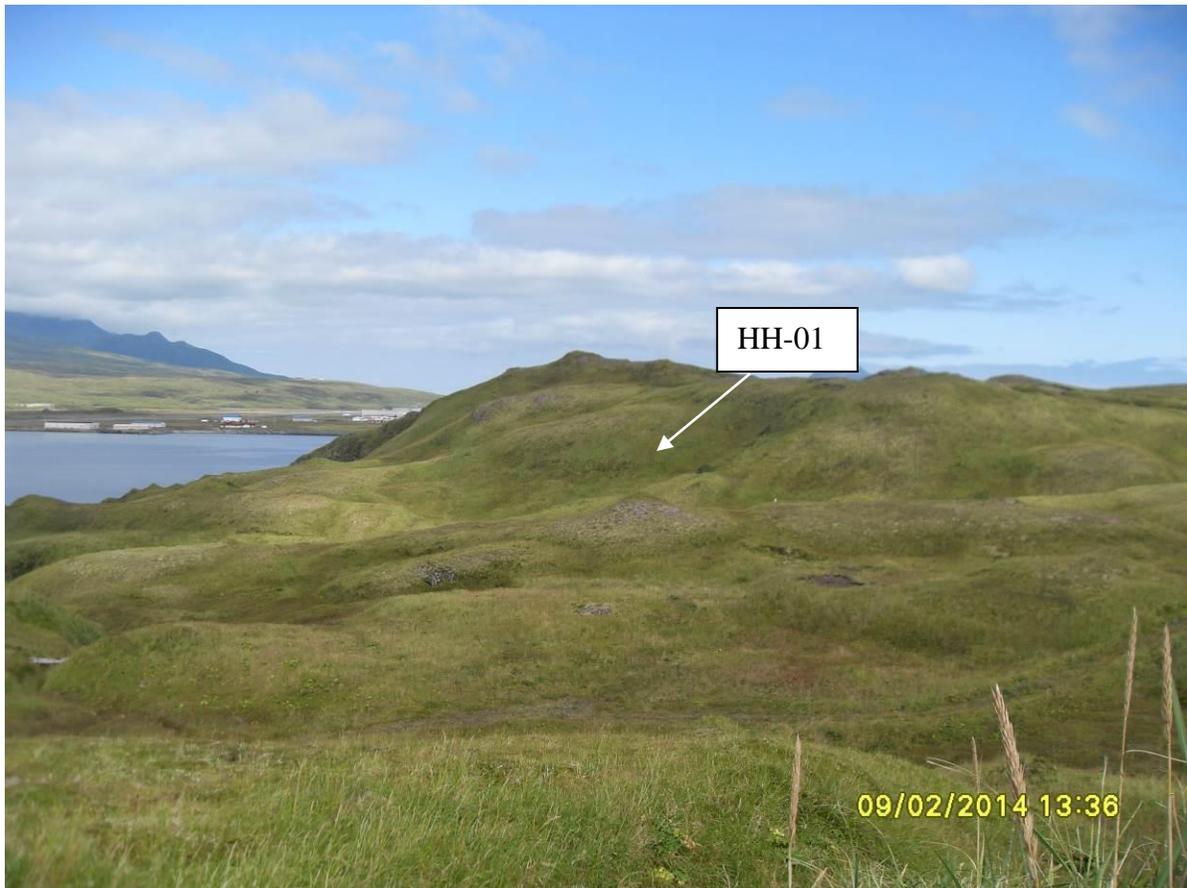
**U.S. NAVY SEALASKA**

**Figure 3-2  
OUB-1 Site Locations  
FB-01 and FB-02**

Task Order 05  
Adak Island, AK  
2014 Institutional Controls Report

### 3.3.3 Sweeper Cove OU B-1 Site HH-01

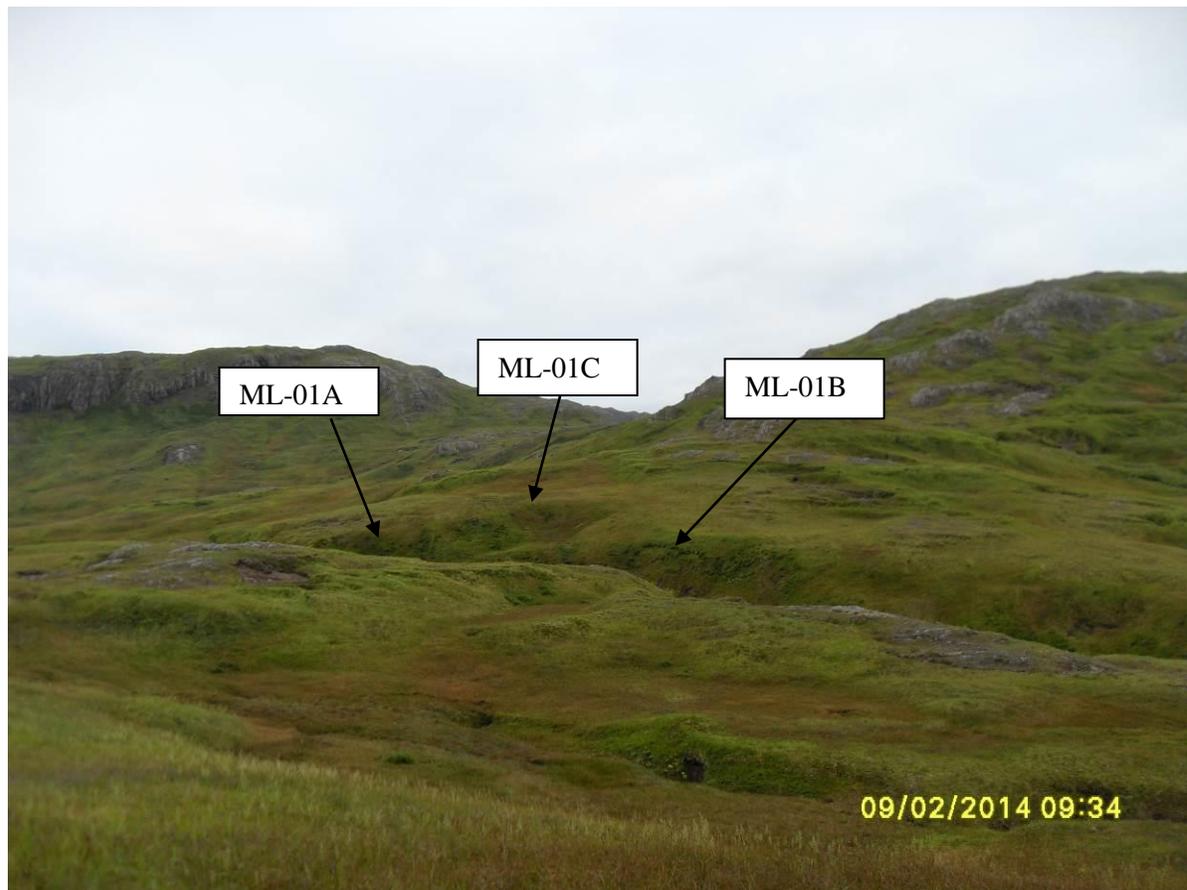
On September 2, 2014, this site was visually inspected for signs of erosion, soil exposure, and land use. The site is only accessible by hiking down from the Finger Bay road or by boat (Figure 1-2). No evidence of landslides, sloughing, obvious erosion, structures, debris, or use of any kind was observed at the site (Photograph 3-21). ICs appear to be functioning properly.



**Photograph 3-21.** OU B-1 Site HH-01 – looking north

### 3.3.4 Husky Pass OU B-1 Sites ML-01A, ML-01B, and ML-01C

On September 2, 2014, these sites were visually inspected for signs of erosion, soil exposure, and land use. The sites can be accessed only by hiking several miles up Husky Pass Trail (Figure 1-2). No evidence of landslides, sloughing, obvious erosion, structures, debris, or use of any kind was observed at the sites (Photograph 3-22). ICs appear to be function properly.



**Photograph 3-22.** OU B-1 Sites ML-01A, ML-01B, and ML-01C – looking south

## 4. GENERAL INSPECTIONS

The purpose of IC excavation notification is to notify the Navy of potentially intrusive projects that will be performed on IC sites. This notification will result in the LUCs remaining effective over time. There are two types of soil excavation restrictions for IC sites: Excavation Notifications and Excavation Prohibition.

### 4.1 IC EXCAVATION NOTIFICATIONS

The purpose of the excavation notification is to allow the Navy to provide information about the site and as a tool for the Navy to receive timely information to monitor excavation projects on the IC sites, which will keep the land uses consistent with the selected remedy. The requirement to submit excavation notifications to the Navy are island-wide, whether excavations will be performed on an IC site or not. Excavation notifications must be submitted to the Navy at least 3 days prior to excavation activities. The IC notification is available on the Adak Update website: <http://www.adakupdate.com>. Copies of the excavation notifications will be kept in the Naval Facilities Engineering Command (NAVFAC) Northwest site file.

From September 2013 through September 2014, two Excavation Notification Request forms were submitted to the Navy. A list of excavation requests are presented in Table 4-1.

**Table 4-1.** Excavation Notification Requests Submitted September 2013 through September 2014

Date	Requestor	Description of Excavation
04/2014	Adak Eagle Enterprise	Building a metal warehouse on the former ball field at the corner of Aerology Road and Main Road. Excavation anticipated to about 6 inches below grade.
05/2014	Jack Stewart	Setting anchor points for a Connex box and clearing and digging a roadside ditch to set a culvert off Main Road near the bowling alley. Excavation anticipated about 48 inches below grade.

No sites were impacted by the excavation notifications listed in Table 4-1.

### 4.2 ABSOLUTE EXCAVATION PROHIBITION

At some sites, such as former landfills (or where the remedy in place is a protective cover), excavation by non-Navy personnel is absolutely prohibited; although recreational land uses which add additional cover (e.g., ball fields, golf course) may be permissible. Navy

personnel will be allowed to excavate for the purposes of repairing caps, etc. Additionally, excavation for the purpose of digging domestic water wells is prohibited in the Downtown Area and in the Remote Area sites, where it is necessary to protect the integrity of the ongoing petroleum cleanups. No excavations were observed at any sites where excavation was prohibited.

## **5. INSTITUTIONAL CONTROL EDUCATION EVALUATIONS**

### **5.1 EDUCATION PROGRAM**

Education and information are important elements of ICs. The Navy has an established education program that has been customized with input from the community. The Navy is required to support community educational efforts aimed at informing the community about the island hazards, land use restrictions, and limited access to Navy-retained lands. The education program provides guidance on appropriate safety steps to take if UXO material is discovered, fishing advisories, and updates the community regarding the cleanup of residual chemicals remaining on the island.

The education plan consists of the following key items:

- Notices (equitable servitude notifications/restrictions, excavation notifications, etc.);
- Educational classes (ordnance identification, safety presentations, etc.);
- Printed media (brochures, fact sheets [fishing/shellfish consumption advisories], news articles, etc.);
- Visual media (video tapes/DVD, local television announcements, etc.);
- Exhibits, displays, and posters;
- Restoration Advisory Board (RAB);
- Adak Update website (<http://www.adakupdate.com>);
- Toll Free Telephone number (1-866-239-1219); and
- E-mail address ([adakexcanot@navy.mil](mailto:adakexcanot@navy.mil)).

Through the education program, residents and visitors are presented with information on ICs, groundwater and excavation restrictions, fish/shellfish consumption advisories, and UXO awareness. The UXO education awareness program is a subset of the broader IC educational program.

### **5.2 ORDNANCE AWARENESS**

The ordnance ICs consist of maintaining the existing Adak Island Ordnance Awareness Program. The ordnance awareness training program is a requirement of the OU B-1 ROD. This program applies to the entire northern section of Adak, and therefore is not a site-specific IC. This program consists of a DVD with two versions, one for adults and one for

children. The child version of the DVD is required to be shown to all teachers and students at the school. This was verified during the 2014 IC inspection. It is intended to familiarize on-island residents and visitors with the history of ordnance use, storage, handling, and disposal on Adak Island; basic characteristics of ordnance items on Adak; and the procedures that should be followed if a suspected ordnance item is encountered. Island residents and visitors are strongly encouraged to participate in the established ordnance awareness-training program.

Additionally, maps with UXO information are distributed to the following agencies and businesses on Adak:

- USFWS
- Aleut Real Estate
- Harbor Master
- Adak school
- Medical clinic
- City offices
- Alaska Airlines
- Island representatives

Since January 2, 2014, Aleut Real Estate has distributed 78 maps. The Map Distribution Log provided by Aleut Real Estate is presented in Appendix D. In addition, in 2013 the Navy supplied 1,340 copies of the map to representatives of the agencies and businesses listed above.

Finally, a UXO awareness video is played at the airport during times coinciding with the biweekly arrival and departure of Alaskan Airlines flights. The operation of the airport video was documented biweekly on the Airport UXO DVD Run Log and documents the times and dates the UXO DVD was played at the airport. This video describes potential hazards on Adak from unexploded ordnance, dilapidated buildings, Rommel stakes, and chemical contaminants. The video also describes restricted access areas and steps to take if hazards are encountered. On August 31, 2014, the airport video was observed to be playing as scheduled during the arrival and departure of the commercial flight. The Run Logs were reviewed and the operation of the video occurred as planned on all plane days. The Airport UXO DVD Run Logs are presented in Appendix E.

If ordnance is encountered, the City of Adak, TAC, NAVFAC, and regulatory agency personnel maintain copies of the Munitions Response Desk Guide, which details the proper procedures to follow.

### 5.3 SURVEYS

The Navy has developed surveys to evaluate the effectiveness of the IC education program. The surveys focus primarily on the community's knowledge of ICs and the education tools in place. The intent of the survey is to determine if the education plan is effective, or whether it should be revised to make it more relevant to the community's needs.

During the 2014 IC inspections, 30 interviews were conducted. The interviewees consisted of 10 residents, 8 resident school children and 12 visitors. The breakdown for length of time living or staying on Adak is shown below:

- Resident for over 1 year – 4
- Resident for over 6 months, but less than 1 year – 0
- Resident for 3 to 6 months – 1
- Resident for less than 3 months – 2
- Residents not stating length of residency - 3
- Visitor stays ranged from 4 days to 6 months; all the visitors were on island temporarily for work-related activities, hunting, or fishing.

Results from the 2014 interviews are presented in Table 5-1. The Institutional Control Education Evaluation surveys are included in Appendix B.

Interviews conducted in September 2014 indicated the following:

- Seventy-three percent of the residents, school children, and visitors (22 of 30) were aware of the ordnance awareness video. Two residents and six visitors were not aware of the video.
- Ninety-three percent of the residents, school children, and visitors (28 of 30) were aware of land use restriction. Two residents were not aware of land use restrictions.
- Sixty percent of the adult residents (6 of 10) were aware of the fish consumption advisory.
- Eighty percent of the residents were aware of the ordnance safety awareness video. Two residents living on Adak less than three months were unaware of the video.

- All (100 percent) residents and visitors know to call 911 if they find suspected ordnance material.
- Eighty percent of the adult residents were aware that land use restrictions apply to some areas on Adak. Two residents living on Adak less than three months were not aware of the restrictions.
- Ninety percent of the adult residents (9 of 10) were aware that digging on Adak requires Navy approval.
- Eighty-one percent (17 of 21) of the adult residents and visitors were aware that entry onto Navy-retained property (Parcel 4) is prohibited. One resident did not complete the survey question. Two visitors and two residents were not aware that entry onto Parcel 4 is prohibited; the residents watched the children's video with the students following completion of the survey. The visitors were hunters travelling with a guide.
- Seventy percent (7 of 10) adult residents were aware of the Navy outreach website and toll-free telephone number.
- Ninety-five percent (20 of 22) of the residents and visitors were aware of the maps detailing the land use restrictions and ordnance awareness. One visitor and one resident living on Adak less than three months were not aware of the maps. The visitor was a hunter travelling with a guide.
- Eighty percent (8 of 10) adult residents were aware that there are areas on Adak that cannot be excavated at all.
- Seventy percent (7 of 10) adult residents were aware that groundwater use in the Downtown Area is prohibited.
- All (8 of 8) school-age children were aware of the ordnance awareness materials and all of them knew to not go under, around, or over fences and gates. Three teachers and one teacher's aide were interviewed and it was noted that the UXO Awareness video had been shown to students in September 2014.

Three individuals reported being subsistence fishers. The individuals recorded that they routinely eat salmon, halibut, cod, trout, and crab, but that they did not eat rock sole. One resident claimed to eat blue mussels but did not fish for them in Kuluk Bay or Sweeper Cove.

The following totals are the number of responses to each of the categories in Question #5: “How would you prefer the Navy provide information to you regarding institutional controls?”

- Community meetings – 8
- Electronic mail – 8
- Internet – 10
- Mailings/Fact Sheets – 1
- Informal telephone calls – 0
- Other – 1. The “Other” response indicated visits to the school are great for the kids and new teachers.
- No response - 2

Interviewed individuals gave several suggestions to the question: “Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?”

- One student suggested the Navy should put more posters up around town and make sure maps are sent to each family.
- One resident said the Navy is doing a great job. Keep doing what you are doing.

The surveys indicate that educational awareness for residents and visitors has declined slightly compared to 2013 results. New residents should be provided information when they arrive on Adak. All visitors were aware of the maps, so presumably, that would lead to the understanding that Parcel 4 was restricted due to potential live ordnance. Additional awareness improvement for residents could still take place in the following areas:

- Awareness of the Navy outreach website and the toll-free telephone number
- Awareness of the restriction of groundwater use in the Downtown Area
- Awareness of the fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.

Additional awareness improvement for visitors includes increasing the number who are aware of Parcel 4.

Based on the survey information, the IC education program appears to be effective for children, visitors, and adult residents.

**Table 5-1. Educational Awareness Results**

<b>Residents</b>	<b>Yes</b>	<b>No</b>
I am aware there is fish consumption advisory for rock sole and blue mussels in Sweeper Cove and rock sole in Kuluk Bay.	6	4
I am aware of the land use control/ordnance awareness safety video and have a personal copy or have seen the one at the airport.	8	2
I know what to do if I find suspected ordnance materials (do not touch, note location and call 911).	10	0
I am aware that land use restrictions apply to some areas on Adak.	8	2
I am aware that digging in some areas on Adak requires Navy approval.	9	1
I am aware that entry on to Navy-retained property (Parcel 4) is prohibited.*	7	2
I am aware of the Navy outreach web site AdakUpdate.com and the toll free telephone number.	7	3
I am aware that hiking maps detailing the land use restrictions and ordnance awareness are available.	9	1
I know that there are some areas I can't dig at all on Adak.	8	2
I know that I can't use groundwater in the downtown area.	7	3
<b>School Age Children</b>	<b>Yes</b>	<b>No</b>
I have seen the ordnance awareness video with Boomer the Otter at my school.**	8	0
I've seen or have some of the ordnance awareness materials.	8	0
I know not to go under, around or over fences and gates.	8	0
<b>Visitors</b>	<b>Yes</b>	<b>No</b>
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.	6	6
I am aware that entry on to Navy-retained property (Parcel 4) is prohibited because of the presence of live ordnance.	10	2
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	11	1
<b>Teachers</b>	<b>Yes</b>	<b>No</b>
Is the ordnance awareness DVD being shown and when? (In September)	3	1
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities. (discussions posters, pamphlets, guest speakers)	2	2
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.	0	4
<b>Subsistence Fisher</b>	<b>Yes</b>	<b>No</b>
Do you routinely eat blue mussels? If so, how many times per week?	2	1
Do you routinely eat rock sole? If so, how many times per week?	0	3
Do you routinely eat other fish? If so, what fish (halibut, salmon, cod, crab, trout)?	3	0

\* One resident did not answer the survey question.

\*\* The Kindergarten through fifth grade class all viewed the video on September 2, 2014 prior to their interviews.

## **6. SUMMARY AND RECOMMENDATIONS**

Based on the findings of the September 2014 primary site inspections, the following recommendations are listed below by site. Table 6-1 summarizes the recommendations at the Adak IC sites.

### **Excavation Restrictions**

Two excavation notification requests were filed with the Navy for excavations performed during the reporting period. No unauthorized excavations were reported or observed during the 2014 inspection. Therefore, excavation restriction institutional controls appear to be functioning as intended.

### **Education Program**

Based on the survey information, the education program appears to be effective because most of the resident population and visitors interviewed were aware of most portions of the program. The Navy will continue to improve the program to increase IC awareness, including the following:

- The Navy is looking into showing the Airport UXO video on the local TV channel 6.

### **IC Inspections**

IC inspections were conducted at 24 sites for which monitoring had been reduced to a once every 5-year review cycle. Five year IC inspections of the 30 degree slope OU B-1 sites were also conducted in 2014. The next 5-year IC inspections are scheduled for 2019 (Table 1-1).

Additionally, seven landfills (SWMU 2, Causeway Landfill; SWMU 4, South Davis Road Landfill; SWMU 11, Palisades Landfill; SWMU 13, Metals Landfill; SWMUs 18/19, White Alice Landfill; SWMU 25, Roberts Landfill; and SWMU 29, Finger Bay Landfill); SWMU 20, White Alice/Trout Creek Disposal Area; and SWMU 67, White Alice PCB Spill Site where soil caps have been placed were inspected to determine if erosion had occurred that required emergency repair. Results of these inspections were recorded in the field logbook. No evidence of erosion requiring emergency repair was observed at any of these sites.

Since the Navy conducts repairs for institutional controls approximately every three to four years and because no critical failures of IC have been identified in recent years, inspections for the remaining 24 sites have been reduced to every odd year to be opposite of the biennial portion of the Groundwater and Landfill Long-Term Monitoring program. In this way, unauthorized excavations or continued poor housekeeping can be addressed by the Navy annually.

Individual site recommendations are stated below.

**SWMU 10, Old Baler Building**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SWMU 14, Old Pesticide Disposal Area**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SWMU 16, Former Firefighting Training Area**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SA 76, Old Line Shed Building**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 560 ppm; Navy 2007) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**Amulet Housing, Well AMW – 706 Area**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 4,600 ppm; Navy 2005a) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**Amulet Housing, Well AMW – 709 Area**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 7,600 ppm; Navy 2005a) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**ROICC Contractor's Area, USTs ROICC-7 and ROICC-8**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**Runway 5-23, AVGAS Valve Pit**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**GCI Compound, UST GCI-1**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**NORPAC Hill Seep Area**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**Yakutat Hanger, UST T-2039-A**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 3,200 ppm; Navy 2000) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**SWMU 21A, White Alice Upper Quarry**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SWMU 23, Heart Lake Drum Disposal Area**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SWMUs 52, 53 and 59, Former LORAN Station**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**Boy Scout Camp, West Haven Lake, UST BS-1**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 7,100 ppm; Navy 2005a) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**Finger Bay Quonset Hut, UST FBQH-1**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**MAUW Compound, UST 24000A**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**Mount Moffett Power Plant 5, USTs 10547 through 10577**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 6,800 ppm; Navy 2000) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**SWMU 58/SA 73, Heating Plant 6**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SA 78, Old Transportation Building, USTs 10583, 10584, and ASTs**

No recommendations, as all ICs appear to be functioning as intended. The next inspection is scheduled to occur in 2019 (Table 1-1).

**SA 82, P-80/P-81 Buildings, USTs 10579, 10587, and AST 10333**

All ICs appear to be functioning as intended. ICs have continued to function here since 2005. Site inspections have been reduced to once every 4 or 6 years at this site with the next inspection occurring between 2018 and 2020 (Table 1-1).

**SA 88, P-70 Energy Generator, UST 10578**

All ICs appear to be functioning as intended. Maximum concentrations of contaminants of concern left in place in site soils (DRO at 7,100 ppm; Navy 2005a) are below ADEC's revised Table B2 – Method Two Petroleum Hydrocarbon Soil Cleanup Levels (8,250 ppm for DRO; ADEC 2012). Therefore, it is recommended that IC inspections at this site be discontinued and that ADEC be petitioned to close the site with no conditions.

**Heart Lake OU B-1 Site C3-01A**

Because there is evidence of recreation use in site C3-01A, it is recommended that ordnance awareness information should continue to be available to residents and visitors to Adak. The surveys indicated that ninety-five percent of the residents and visitors surveyed were aware of the maps detailing ordnance awareness and restricted areas on Adak. All of the school age children surveyed have seen some of the ordnance awareness materials.

**Heart Lake OU B-1 Sites C3-01B through C3-01F**

No recommendations, as all ICs appear to be functioning as intended.

**Finger Bay OU B-1 Sites FB-01 and FB-02**

Because there is evidence of recreation use in site FB-01, it is recommended that ordnance awareness information should continue to be available to residents and visitors to Adak. The surveys indicated that ninety-five percent of the residents and visitors surveyed were aware of the maps detailing ordnance awareness and restricted areas on Adak. All of the school age children surveyed have seen some of the ordnance awareness materials.

**Sweeper Cove OU B-1 Site HH-01**

No recommendations, as all ICs appear to be functioning as intended.

**Husky Pass OU B-1 Sites ML-01A, ML-01B, and ML-01C**

No recommendations, as all ICs appear to be functioning as intended.

**Table 6-1.** Summary of Conditions and Recommendations at Adak Institutional Control Sites

	Land Use Consistent with Restrictions?	Evidence of Soil Excavations?	Gates/ Fencing Intact?	Proper Signage?	Evidence of Soil Erosion?	Fish Advisory in Effect?	Education Program Functioning?	Recommendation (year of next inspection in parentheses)
<b>Groundwater (Downtown Area)</b>								
Groundwater	-	-	-	-	-	-	Yes	None (2015)
<b>CERCLA Sites (Downtown Area)</b>								
SWMU 10, Old Baler Building	Yes	No	-	Yes	-	-	-	None (2019)
SWMU 14, Old Pesticide Disposal Area	Yes	No	-	Yes	-	-	-	None (2019)
SWMU 16, Former Firefighting Training Area	Yes	No	-	Yes	-	-	-	None (2019)
SA 76, Old Line Shed Building	Yes	No	-	Yes	-	-	-	None (2019)
<b>Fishing Advisory Areas (Downtown Area)</b>								
Sweeper Cove	-	-	-	-	-	Yes	Yes	None (2015)
Kuluk Bay	-	-	-	-	-	Yes	Yes	None (2015)
<b>RCRA Sites (Downtown Area)</b>								
SA 77, Fuels Facility Refueling Dock, Small Drum Storage Area	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
<b>Petroleum Monitored Natural Attenuation Sites (Downtown Area)</b>								
Amulet Housing, Well AMW-706 Area	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
Amulet Housing, Well AMW-709 Area	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
ROICC Contractor's Area (UST ROICC 8)	Yes	No	-	Yes	-	-	-	None (2019)
Runway 5-23 Avgas Valve Pit	Yes	No	-	Yes	-	-	-	None (2019)

6-6

**Table 6-1.** Summary of Conditions and Recommendations at Adak Institutional Control Sites (continued)

	Land Use Consistent with Restrictions?	Evidence of Soil Excavations?	Gates/ Fencing Intact?	Proper Signage?	Evidence of Soil Erosion?	Fish Advisory in Effect?	Education Program Functioning?	Recommendation (year of next inspection in parentheses)
<b>Petroleum Free-Product Sites (Downtown Area) (continued)</b>								
GCI Compound, UST GCI-1	Yes	No	-	Yes	-	-	-	None (2019)
NORPAC Hill Seep Area	Yes	No	-	Yes	-	-	-	None (2019)
Yakutat Hangar, UST T-2039-A	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
<b>CERCLA Sites (Remote Area)</b>								
SWMU 21A, White Alice Upper Quarry	Yes	No	-	Yes	-	-	-	None (2019)
SWMU 23, Heart Lake Drum Disposal Area	Yes	No	-	Yes	-	-	-	None (2019)
SWMUs 52, 53, 59, Former LORAN Station	Yes	No	-	Yes	-	-	-	None (2019)
<b>Petroleum – Monitored Natural Attenuation Sites (Remote Area)</b>								
Antenna Field, USTs ANT-1, ANT-2, ANT-3, and ANT-4	Yes	No	-	Yes	-	-	-	None (2019)
<b>Petroleum Free-Product Sites (Remote Area)</b>								
Boy Scout Camp, West Haven Lake, UST BS-1	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
Finger Bay Quonset Hut, UST FBQH-1	Yes	No	-	Yes	-	-	-	None (2019)
MAUW Compound, UST 24000-A	Yes	No	-	Yes	-	-	-	None (2019)
Mount Moffett Power Plant 5 (USTs 10574 through 10577)	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
SWMU 58/SA 73, Heating Plant 6	Yes	No	-	Yes	-	-	-	None (2019)

6-7

**Table 6-1.** Summary of Conditions and Recommendations at Adak Institutional Control Sites (continued)

	Land Use Consistent with Restrictions?	Evidence of Soil Excavations?	Gates/ Fencing Intact?	Proper Signage?	Evidence of Soil Erosion?	Fish Advisory in Effect?	Education Program Functioning?	Recommendation (year of next inspection in parentheses)
SA 78, Old Transportation Building USTs	Yes	No	-	Yes	-	-	-	None (2019)
SA 82, P-80/P-81 Buildings	Yes	No	-	Yes	-	-	-	None (2019)
SA 88, P-70 Energy Generator, UST 10578	Yes	No	-	Yes	-	-	-	Maximum soil concentrations below ADEC criteria. Discontinue inspections and close site.
<b>CERCLA Ordnance Sites</b>								
OU B-1 Sites (C3-01A through C3-01F, FB-01, FB-02, HH-01, ML-01A, ML-01B, ML-01C)	Yes	No	NA	NA	No	-	Yes	Evidence of recreational use at C3-01A, FB-01, and FB-02. Continue UXO Educational Program.

6-8

## 7. REFERENCES

- ADEC (Alaska Department of Environmental Conservation). 2005. Requirements for Site Closure, Adak Naval Air Station. Letter to Jim Brown of Naval Facilities Engineering Command Northwest from Jason Weigle, ADEC. Dated November 23, 2005.
- ADEC. 2012. 18 Alaska Administrative Coded (AAC) 75, Oil and Other Hazardous Substances Pollution Control, Revised as of April 8, 2012.
- Navy. 2000. Final Limited Soil Removal Report, Adak Naval Complex, Adak Island, Alaska. Prepared by URS Greiner Inc., for Engineering Field Activity, Northwest, Naval Facilities Engineering Command, Poulsbo, Washington. June 2000.
- Navy. 2001. Final Record of Decision, Operable Unit B-1, Former Adak Naval Complex, Adak Island, Alaska. Prepared by URS Greiner Inc., for Engineering Field Activity, Northwest, under U.S. Navy Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract No. N62474-89-D-9295, Poulsbo, Washington. November 2001.
- Navy. 2003. Amendment No. 1, Record of Decision, Operable Unit A, Adak Naval Air Station, Adak, Alaska. Prepared by URS Group, Inc., for Engineering Field Activity, Northwest. September 2003.
- Navy. 2005a. Final Cleanup Report, 19 Sites, Former Adak Naval Complex, Adak Island, Alaska. Prepared by URS Group, Inc. for Naval Facilities Engineering Command Northwest. May 6, 2005.
- Navy. 2005b. Final Decision Document for Petroleum Sites with No Unacceptable Risk. Prepared by URS Corp for Naval Facilities Engineering Command Northwest. April 29, 2005.
- Navy. 2007. Final Closure Report, Remedial Action Closure at Four Petroleum Sites, Former Naval Air Facility, Adak, Alaska Tango Pad, SA-77, SA-82, and ASR-8. Prepared by Tetra Tech EC, Inc. for Naval Facilities Engineering Command Northwest. March 23, 2007.
- Navy. 2013. Final Technical Memorandum, Evaluation of Adak Island Blue Mussel and Rock Sole Tissue 2011. Prepared by Sealaska Environmental Services for Engineering Field Activity, Northwest, under U.S. Navy Contract No. N44255-09-D-4005. Poulsbo, Washington. December 3, 2013.

- Navy. 2014a. Final Comprehensive Monitoring Plan, Revision 6, Operable Unit A, Former Naval Complex, Adak Island, Alaska. Prepared by URS Group, Inc., for Naval Facilities Engineering Command Northwest. Silverdale, Washington. August 6, 2014.
- Navy. 2014b. Adak Island Update, Health Advisory and PCB Levels in Rock Sole and Blue Mussels. Prepared by URS Corporation for Naval Facilities Engineering Command Northwest. February 2014.
- Navy, EPA, and ADEC (U.S. Navy, U.S. Environmental Agency, and Alaska Department of Environmental Conservation). 2000. Record of Decision, Operable Unit A, Former Adak Naval Complex, Adak Island, Alaska. Draft Final; accepted as final and signed by all parties. Prepared by URS Greiner Inc., for Engineering Field Activity, Northwest, under CLEAN Contract No. N62474-89-D-9295. Poulsbo, Washington. Accepted as Final, April 2000.

## **APPENDICES**

- APPENDIX A    INSTITUTIONAL CONTROL  
INSPECTION LOGBOOK  
(PROVIDED ON CD)**
- APPENDIX B    INSPECTION CHECKLISTS AND  
SURVEY FORMS**
- APPENDIX C    PHOTOGRAPHS (PROVIDED ON CD)**
- APPENDIX D    MAP DISTRIBUTION LOG**
- APPENDIX E    AIRPORT UXO DVD RUN LOG**
- APPENDIX F    INSTITUTIONAL CONTROL SITE  
BOUNDARY MAPS (PROVIDED ON CD)**
- APPENDIX G    RESPONSE TO REGULATOR COMMENTS**

**APPENDIX A**  
**INSTITUTIONAL CONTROL INSPECTION LOGBOOK**  
**(PROVIDED ON CD)**

TO 05 ADOK  
LTM 2014 OUA  
ILs



*Rite in the Rain*  
ALL-WEATHER  
**JOURNAL**  
N° 390N

TO 05 ADOK  
LTM 2014 OUA

ILs

Start: 8-31-14  
End: 10-15-14

A-1

BOOK: INSTITUTIONAL  
CONTROLS INSPECTIONS

PROJECT: ADAK LTM 2014

CONTRACT: N44255-14-D-9011

TASK ORDER # 05

NAVAL INSTALLATION:  
FORMER NAVAL COMPLEX  
ADAK

SITE NAME: OVA

START DATE: 8-31-14

END DATE: 10-15-14

BOOK ASSIGNMENT: IC TEAM  
ANNETTE FRANZEN  
BOB BOYD  
JOHN HIGGINS

COMPANY: SPACASKA ENVIRONMENTAL SERVICES

ADDRESS: 18143 FRONT ST NE  
98370 STE 201 POUSETT, WA

PHONE: 360-930-3300

REVIEWED BY: Annette

*Annette Franzen*

FRANZEN  
TOM

DATE REVIEWED: 11-6-14

11-6-14  
ASF

28 NOBAC, MAW, RUN 475:23 10-15-14

CONTENTS

PAGE	REFERENCE	DATE
2	METALS LF, SWM 11	8-1-14
3	ED. SURVEYS, CLASSROOM	8-1-14
4	04B-1 ML-01A, B & C	9-2-14
5-7	SWM 23 HEART CARE / C301A-F <sup>11</sup>	
8	SWEPPER COVE, HAOL, SWM 29 FINGER B LF, FB QUONSET HWT	9-2-14
9	FB-01 + 02	9-2-14
10	S477, SWM 21A, SWM 67, SWM 20 (WHITE ADIAC)	9-2-14
11	MT. MOFFETT PD, DIV SEC. Camp	9-2-14
12	CORAU, SWM 58/S473/S478/5 <sup>ASF</sup>	9-3-14
13	SWM 58, 78, 88 (NSGA)	9-3-14
14	SWM 2 CAUSEWAY LF, ANT. FIELD	9-3-14
15	SWM 11 PARADES LF, ROICC KNEE BAY, YACHT	9-3-14
16	SWM 12 FIRE FIGHTING PROTECTION	9-3-14
17	QUILLET DMU-709+706, SWM 4	9-3-14
18	S476, SWM 10, GCI	9-3-14
20	MAT DISTRIBUTIONS	9-4-14
21+25	SCHOOL EDUCATION SURVEYS	9-4-14
22	ROBERTS LF ACCESS, NL-14	9-5-14
24	EAST CANAL SHOPPING INSP	9-5-14
25	WVD DVD	9-4-14
26	ST CANALS DOWNTOWN ASF	9-6-14



ALL-WEATHER  
**JOURNAL**  
**FIELD BOOK**

Name TO OS ADARI 2014  
LTJL AND IC INSPECTIONS

Address \_\_\_\_\_  
TOM - Annette FROZEN

Phone BOB BOYD 907-592-2328  
JOHN HIGSTONE

Project \_\_\_\_\_

12-6-14  
ASF

**Rite in the Rain** – A patented, environmentally responsible, all-weather writing paper that sheds water and enables you to write anywhere, in any weather. Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

Specifications for this book:

Page Pattern		Cover Options	
Left Page	Right Page	Polydura Cover	Fabrikoid Cover
Lined	Lined	Item No. 390N	Item No. 390NF

**RiteintheRain.com**

8<sup>AS</sup>  
7-31-14 A. FROZEN FLY  
FROM SEATTLE TO ADAK.  
1630 ARRIVE ADAK.  
MXD VIDEO WAS PLAYING AT THE  
AIRPORT. TOTAL TIME 8 HRS.

9-1-14

8<sup>AS</sup> 700AM H+S + FIELD MEETING IN  
111B WITH TEAM AND AARON VERNICE.  
TEAM WILL SAMPLE METALS LF.  
ANNETTE ~~WILL~~ <sup>8<sup>AS</sup></sup> ~~NOT~~ <sup>8<sup>AS</sup></sup> WITH AND  
SACERI CONDUCTED QC OF FIELD  
TEAM. ANNETTE WALKED  
SHORELINE ARMOR WALL AT  
LANDFILL. NO MAJOR EROSION  
WAS OBSERVED THAT REQUIRED  
EMERGENCY REPAIR. WEATHER  
WAS BEAUTIFUL SUNNY, CALM +  
WARM. EROSION NOTED ON NORTHERN  
SECTION<sup>8<sup>AS</sup></sup> SHORELINE + AT SWALE HAD INCREASED  
SOMEWHAT. AARON STATED THAT REPAIRS  
WILL BE CONDUCTED NEXT YEAR.

1100 SACERI + ANNETTE TO SCHOOL TO  
MEET TEACHERS. MET CHRISTOPHER  
Annette Jim 11-6-14

9<sup>AS</sup>  
8-1-14

MURK + TINA CAURSEN WHO ARE  
THE NEW 5-12 TEACHERS. THEY  
WOULD LIKE FOR SES TO MEET  
WITH THE CLASS ON THURSDAY AT  
230PM. ALSO TALKED WITH  
JULIE PLUMMER AND MOLLY  
LASHIER THE K TO 4 TEACHER. SES  
WILL TALK WITH 1<sup>ST</sup> CHILDREN AT  
2PM ON THURSDAY. JULIE WILL  
SHOW THE "BOONER" MXD VIDEO  
TO BOTH CLASSES BEFORE WE  
COME TO TALK WITH THEM. HAD  
THE 3 TEACHERS, JULIE, AND THE  
SUPERINTENDENT FILL OUT EDUCAT.  
SURVEYS. LABOR DAY PIT LICK IS AT  
5PM TODAY.

1130 TO STORE TO PICK UP GROCERIES.  
GOT 4 RESIDENTS TO FILL OUT  
EDUCATIONAL SURVEYS

1230 CONDUCT PAPERWORK

Annette Jim 11-6-14

9-2-14

0700 SAFETY & PLANNING  
meeting. Prepped for  
FIELD.

0900 DRIVE TO HUSKY PASS  
TRAIL TO HIKE TO

OUTB-1 SITES ML-01A,  
ML-01B, ML-01C.

W/OTHR CLOUDY, FAIR, NO WIND  
ML-01A, ML-01B, ML-01C

A-5 0935 ARRIVE LOCATION.

GPS FROM TRAIL

N  $51^{\circ} 49.682$

W  $176^{\circ} 40.100$

SITE IS SOUTH  $\approx$  200 YARDS.

PHOTO 0934 OF 3 SITES.

NO EVIDENCE OF USE OR EROSION

1004 ARRIVE BACK TO TRUCK.

SW MU <sup>23</sup>/<sub>24</sub> HEART LAKE DISPOSAL  
AREA

Auth Jy 11-6-14

9-2-14

1018 SIGN PRESENT - NO EXCAVATION

1019 PHOTO OF SIGN FACING WEST

1027

~~1020~~ PHOTO OF SITE FACING WEST  
ASF

NO EVIDENCE OF USE OR DISTURBANCE.

C301A THROUGH N F

1036 ARRIVE C301A

EVIDENCE OF ATV TRACKS ACROSS  
THE STREAM AT END OF ROAD.

EVIDENCE OF RECREATION USE (FISHING)

1039 PHOTO SE OF TRACK.

1051 PHOTO SW OF LAKE STORAGE  
WITH PILES FOR FENCE?

1054 S OF STEEP HILLSIDE WHERE  
W/D REPORTED HAD NOT BEEN  
CLOSED - "Remediated Area"

GPS N  $51^{\circ} 51.071$   
W  $176^{\circ} 41.309$  11-6-14

9-2-14

C301-E SITE IS ACROSS STREAM  
AND LAKE FROM GPS  $\approx$  700 YARDS.

1057 PHOTO OF SITE SW.

NO EVIDENCE OF USE OR  
DISTURBANCE

C301-C

NORTH OF END OF ROAD AT  
LAKE

1104 N AT SITE. NO EVIDENCE  
OF USE OR DISTURBANCE

SITE IS HILLSIDE  $\approx$  1000 ft SOUTH  
OF GPS COORDINATES

C3-01B

1127A9F

1126 PHOTO NW OF SITE.

SITE IS THOUGHT TO BE IN MARSHY  
AREA NEAR BRIDGED STREAM.

NO EVIDENCE OF USE OR DISTURBANCE

GPS N 51° 50.859

W 176° 41.096

ATV TRACKS ARE IN THE AREA BUT  
NONE ACROSS THE SITE. ~~Photo~~ 1126-714

9-2-14

SITE IS APPROXIMATELY 400 FEET WEST  
OF GPS.

1135 N OF SITE. SITE COULD EITHER  
STEEP AREA NEXT TO STREAM OR  
MARSHY AREA.

C3-01D & F

1138 PHOTO SW. AT BOTH SITES.

NO EVIDENCE OF USAGE OR DISTURBANCE.

GPS N 51° 50.803

W 176° 41.132

SITE IS  $\approx$  150 YARD SW OF COORDINATES.

1153 HEAVY BACK TO TOWN. DRIVE  
BY SWAMPY ROADS E. WEST  
SIDE. NO EVIDENCE OF EROSION  
REQUIRES <sup>W.C.</sup> EMERGENCY REPAIR.

1201 AARON NOTICES WELL 4' NEXT  
TO ROAD ON S END OF SAND FILL  
DEEP BEHIND WELL  
GPS N 51° 50.724, ~~Photo~~  
W 176° 39.658 116014

9-2-14

1215 LUNCH / CALLS

1319 PHOTO N OF Sweeper Cove

1300 TO HH-01

HH-01 PHOTO

1323 E FROM ROAD TO SITE.

NO EVIDENCE OF USE OR DISTURBANCE

1336 ~~1336~~PHOTO ~~1336~~ N AT NORTH SCLOP SITE

NO EVIDENCE OF USE OR DISTURBANCE

GPS N 51° 50.851

W 176° 38.295

A-7

SITE IS  $\approx$  100 YDS N OF COORDINATES1443 SW 1/4 29 FINGER BAY CFNO OBSERVATION OF EROSION REQUIRES  
EMERGENCY REPAIR.Finger Bay Quonset Hut

1359 PHOTO S AT PAD

1359 ONLY THE PAD REMAINS. NO

USE OR DISTURBANCE NOTED.

SIGN PRESENT BUT NOT LOCATED AT  
THE SITE. RECOMMEND MOVING

Photo Jan 11-6-14

9-2-14

SIGN TO FORMER STAIRCASE LOCATION.

1401 PHOTO S FROM ROAD NEAR SITE  
LOOKING AT SIGN.FB-01, FB-021432 S PHOTO AT FB-02 SOUTH

PAD. TRAIL TO CAVE BETTY

GPS N 51° 49.527

W 176° 38.160

LOTS OF EVIDENCE OF RECREATIONAL  
USE. HIKING (PATH, ATV TRACKS,  
FISHING. FINGER BAY CREEK IS  
HIGHLY POPULAR FOR FISHING  
PHOTO 1436 <sup>RS</sup> OF CREEK WITH  
SALMON <sup>NE</sup> ROAD GPS TRACK AT SITEFB-01

1442 PHOTO WESTERLY SHOWING ATV

1447 TRACES IN AREA.

1448 PHOTO NW OF STEEP GRASSY AREA

GPS N 51° 49.591

W 176° 38.144

1448 FACING WEST PHOTO OF  
POTENTIAL LOCATION OF FB-01  
Photo Jan 11-6-14

9-2-14

SA 77 Small Dam Storage

NO EVIDENCE OF USAGE OR  
DISTURBANCE. NO EXCAVATION.  
EXCAVATION SIGN PRESENT.  
1515 E PHOTO OF SIGN

SWM 21 A White Ace Quarry

2 EXCAVATION SIGNS PRESENT  
PHOTO 1550 WEST OF SIGNS

NO EVIDENCE OF EXCAVATION  
OR USE.

PHOTO  
1552 WEST OF QUARRY

SWM 67, W.A. PCB Spill Site

1601 TO SITE. NO EVIDENCE OF  
EXCAVATION.

SWM 20 Teoni Cr. DV

EROSION OCCURRING ON ~~WEST~~  
WEST END OF SLOPE BUT IS  
ALREADY SLOATED FOR REPAIRS.

Back Jan 11-6-14

9-2-14

MT. MOFFETT POWER PLANT

NO EXCAVATION SIGN PRESENT.  
NO EVIDENCE OF EXCAVATION OR  
RESIDENTIAL USE.

1700 PHOTO NW OF EXCAVATION SIGN

Boy Scout Camp

1718 SW PHOTO OF SIGN & SITE  
EXCAVATION RESTRICTION SIGNS  
LOCATED ON EACH END OF ACCESS  
ROAD. NO EVIDENCE OF USE OR  
EXCAVATIONS.

1730 NW PHOTO OF SIGN & SITE FROM  
SOUTH END OF ACCESS ROAD.

RETURN TO OFFICE. FINISH  
PAPER WORK

1800 END OF DAY

*Atch J W* 9-2-14

9-3-14

0700 H&amp;S \* PLANNING MEETING.

0845 ~~AST~~0900 TO CLINE. GET LAST  
RESIDENTIAL SURVEY.

0900 TO CORAN

1000 ARRIVE END OF ROAD &  
NIKE TO CORANLORANA-9 1003 PHOTO NW OF EXCAVATION  
SIGN & LORAN BUILDING1020 DRIVE CORAN. NO EVIDENCE  
OF EXCAVATION OR RESIDENTIAL  
USE.

1021 PHOTO N OF BUILDING

A-9 SA 88 P-70 / P-81 BUILDINGS

1113 PHOTO OF EXCAVATION SIGN  
1115 A SITE NORTH. NO EVIDENCE  
OF EXCAVATION OR RESIDENTIAL USE.

1121 NNE PHOTO OF BUILDINGS.

Chalk Jan 11-6-14

9-3-14

SWMUS8/SA73NO EVIDENCE OF EXCAVATION OR  
RESIDENTIAL USE.1132 PHOTO S OF EXCAVATION SIGN  
& SITE. ~~AST~~ 3 EXCAVATION SIGNS  
PRESENT.SA 78 Old TRANSPORTATION Bldg.NO EVIDENCE OF EXCAVATIONS  
OR RESIDENTIAL USE.2 EXCAVATION RESTRICTION SIGNS  
PRESENT.

1142 E PHOTO OF SIGN

1143 W PHOTO OF BUILDING.

SA 89 P-70 BUILDINGA-9 1150 W PHOTO OF SIGNS &  
BUILDING.

3 EXCAVATION SIGN AT SITE.

1 SIGN IS BENT &amp; FADED (MIDDLE).

ADD WEST HAS BULLET HOLES. Chalk Jan 11-6-14

9-3-14

1201 EAST PHOTO

1202 NORTH PHOTO BARBED WIRE  
FENCE NEAR CAUSEWAY.GPS N  $51^{\circ} 57.161$ W  $176^{\circ} 34.269$ 

SW CORNER OF FENCE

SWM 2 CAUSEWAY CE1215 NO EVIDENCE OF EROSION  
REQUIRING IMMEDIATE REPAIR.1322 SWM 4 TRUCK R<sub>3</sub>  
LANDFILL - NO EVIDENCE OF  
EROSION REQUIRING REPAIR.1400 RETURN TO CONDO FOR  
LUNCH & CALLS1430 TO ANTENNA FIELD1449 PHOTO NE OF EXCAVATION  
SIGN

1452 HIKE TO ANTENNA FIELD.

1504 ARRIVE SITE. NO EVIDENCE  
OF USE OR EXCAVATION.

1509

1506 SOUTH PHOTO OF SITE. *Antenna*  
11-6-14

9-3-14

1530 SWM 4 PACIFIC SIDES CE- NO EVIDENCE OF EXCAVATION  
EROSION REQUIRING EMERGENCY  
REPAIR1548 ROILCEXCAVATION RESTRICTION SIGN  
IS PRESENT.1550 PHOTO SW OF SIGN  
& SITE. NO EVIDENCE OF USE  
OR EXCAVATION.KULUK BAY

1603 NE PHOTO OF BAY.

YAKUT HANGAREXCAVATION RESTRICTION SIGN  
PRESENT. NO EVIDENCE OF USE  
OR EXCAVATION.

1618 E PHOTO SIGN &amp; BUILDING

1625 E PHOTO PRODUCT RECOVERY  
SYSTEM. ORS - 2 WELL. *Antenna*  
11-6-14

9.3.14

**SWMU 16 FIREFIGHTING  
PROTECTION TRAINING AREA**

1626 E PHOTO OF RECOVERY VAULT  
AT YAKHTAT WITH 8" RECOVERY  
WELL (PVC). AIR ACTUATED -  
2 LINES (AIR + FUEL) WITH  
HIGH/LOW SWITCH.

1627 CLOSEUP OF PRODUCT  
RECOVERY SYSTEM TANK  
HOLDER

1629 PHOTO E OF SECOND  
RECOVERY VAULT WITH 8" RECOVERY  
WELL WITH SAME SETUP AS  
FIRST VAULT

1629 PHOTO CLOSEUP PRODUCT  
RECOVERY SYSTEM CONTROL BOX

1630 PHOTO CLOSEUP OF CONTROL  
BOX "ORS" TAG.

1633 PHOTO OF WATER LINE BOX.  
Check Jan 9.3.14

9.3.14

ABF  
16

→ 1641 N PHOTO OF EXCAVATION  
RESTRICTION SIGN. NO EVIDENCE  
OF USE OR EXCAVATION.

**Annulet ANW-709 WELL**

EXCAVATION SIGN PRESENT, NO  
EVIDENCE OF USE OR EXCAVATION.

1655 PHOTO EAST OF SIGN

**Annulet ANW-706 WELL**

EXCAVATION SIGN PRESENT NO  
EVIDENCE OF USE OR EXCAVATION  
1657 PHOTO EAST OF SIGN.

**SWMU 14 OLD PESTICIDE  
DISPOSAL AREA.**

EXCAVATION RESTRICTION SIGNS  
ARE IN THE DOWNTOWN VICINITY.  
NO RESIDENTIAL USE, NO  
EXCAVATION.

1707 PHOTO EAST OF SITE.

Check Jan 9.3.14

9-3-14

5A76 OLD LINE SNEED

1709 BUILDING N  
1708 PHOTO NE<sup>AST</sup> OF SITE  
ARE 3 EXCAVATION SIGNS ARE  
IN THE DOWNTOWN VICINITY.  
NO EVIDENCE OF RESIDENTIAL  
USE OR EXCAVATION

1712 PHOTO NW OF EXCAVATION  
SIGN ON NE CORNER OF SITE

5W1110 OLD BAKER  
BUILDING.

EXCAVATION RESTRICTION SIGN  
PRESENT.  
1715 W PHOTO OF SIGN,  
NO EVIDENCE OF RESIDENTIAL  
USE OR EXCAVATION

6C1 COMPOUND

NO RESIDENTIAL USE AND  
EXCAVATION.  
1743 SW PHOTO OF EXCAVATION  
RESTRICTION SIGN + DISH. ~~Photo~~ 9-3-14

9-3-14

1600 RETURN TO CONDO. COMPLETE  
PAPERWORK.

1900 END OF DAY

*Photo* 9-3-14

THURSDAY

9-4-14

0700 H&amp;S + PLANNING MEETING.

ALL 3 TRIPS TO SUMMIT AND  
THE SHIP SAMPLES.CHECK EMAILS, PHONE CALLS, PAPER-  
WORK. PREPARE IC MATERIALS  
TO FOR PRESENTATION AT SCHOOL.

1200 TO DEPT REAL ESTATE  
OFFICE TO TALK WITH HELENE  
SPARKS RE HIKING TRAIL MAP  
DISTRIBUTION. SHE SAID THAT NO  
ONE USES THE DISTRIBUTION LOGS  
ANY MORE AND THAT SHE AND  
LISA SPITZER WITH USF&W HAVE  
DISTRIBUTION RACKS AT THE AIRPORT.  
SHE ALSO GIVE MAPS TO END OF CAJON  
GEORGEY SIDE FOR DISTRIBUTION.

SHE GIVES OUT MAPS, MAGNETS,  
MUG, + BOOKMARKS IN HER OFFICE.  
SHE WOULD LIKE TO GET MORE <sup>NEW</sup> MAPS  
& MUGS FROM THE NAUT. SHE  
ALSO SAID THAT THERE IS A CASE  
OF MAPS AT THE HORROR MASTER'S  
OFFICE LEFT BY EILEEN SMICEOFF  
WHICH NO ONE IS USING NOW.

9-4-14

HERE WE WOULD LIKE TO DISTRIBUTE  
THOSE MAPS...

1230 TO USF&W OFFICE (LISA  
SPITZER'S RESIDENCE) & VERIFIED  
THAT MAPS WERE BEING  
DISTRIBUTED THERE.

1300. TO END OF CAJON GEORGEY  
& VERIFIED THAT MAPS WERE  
BEING DISTRIBUTED THERE.

1330. MET WITH STEVE SERRANO  
TO DISCUSS IC PRESENTATION AT  
SCHOOL AT 2PM. HE WILL ACCOMPANY  
ME INSTEAD OF AARON BECAUSE AARON  
IS ON A CONFERENCE CALL.

1350 TO SCHOOL. TALKED WITH  
K-4 CLASS ABOUT WXD + ISLAND  
SAFETY. CHILDREN HAD JUST WATCHED  
"BOONER" VIDEO AND WERE COLORING  
WXD COLORING BOOKS. KIDS NEW  
ALL THE RULES PRESENTED IN SAFETY  
DVD. MET WITH 5-12 CLASS & HAD THEM  
FILL OUT EDUCATION SURVEYS. (TOP 25)

DATE JUN 11 6 74

9-5-14

0700 H+S MEETING & PLANNING.  
 TEAMS TO PALISADES W/ ARROW  
 VERNIK. Team 2 to sample Roberts  
 SW + Blue seep. Team 3 to  
 conduct FPR. WEATHER COMING  
 IN AFTER LUNCH WITH WIND  
 + RAIN.

Vanna (Food) 907-572-9637  
 v-penitani@yahoo.com

A-14

\$250/MONTH FOR DVD  
 PLAYER

GRASS CUTTING \$150 EACH  
 4 TIMES PER YEAR  
 SNOW REMOVAL \$40 EACH  
 6 TIMES PER YEAR

930 TO ADAR FUELS TO GET ACCESS  
 TO ROBERTS LF SW LOCATION  
 NL-14. MET WITH ADI AND  
 HE UNLOCKED GATE. WENT TO  
 FUELS ~~THRU~~ 9-5-14

9-5-14

NL-12 HITTLE SW LOCATION TO  
 OBSERVE TEAM 3 COLLECT  
 SAMPLE.

1000 SIGN IN AT FUELS AND  
 DROVE TO NL-14 LOCATION AT  
 BLUE SEEP. SEEP IS ABOUT  
 50' IN LENGTH & SLOWLY SEEPING  
 INTO THE DITCH BELOW. GROUNDWATER  
 IS EMERGING ABOUT 3 TO 4 FT  
 ABOVE DITCH AND CHARACTERIZED  
 BY BRIGHT TURQUOISE BLUE AND  
 WHITE PPT. SURFACE WATER IN  
 THE DITCH IS CHARACTERIZED BY  
 WHITE AND TAN PPT WHICH EXTENDS  
 APPROXIMATELY ANOTHER 50' WEST  
 OF END OF SEEP AREA. NO WATER  
 WAS FLOWING OUT OF THE DITCH.

1030 RETURN TO CONTD TO COMPLETE  
 SAMPLES, COLLIS + PROBE COLLS

1230. TO EAST CANAL WITH TEAM 3,  
 ARROW VERNIK + STEVE SEEDMAN TO  
 OBSERVE EAST CANAL SAGECLINE  
 Checked fuel 9-5-14

9-5-14

INSPECTION. WEATHER WORSEWENED WITH JOINT WIND & RAIN. WATER LEVEL IN EAST CANAL HAD DROPPED FROM HIGH WATER MARK (ABOVE TOP OF CULVERTS) BECAUSE DOT WORKER HAD RECENTLY TURNED ON CANAL PUMPS. HOWEVER, WATER LEVELS WERE STILL ELEVATED AND ABOVE W-09 SEDIMENT LOCATION. MOST SEDIMENT/SPECIENE WAS INUNDATED TO ABOVE VEGETATED LINE.

A-15

1430

1330 RETIRED TO CONDOS TO DRY OFF AND FINISH PAPERWORK.

1700. ANDY LEWIS & ANNETTE FEARROW MET WITH FORD (UNNA) TO DISCUSS PO ITEMS FOR OPERATING WXD DVD & YARD & SNOW REMOVAL MAINTENANCE. (SEE PREVIOUS PAGE).

1800 RETIRE TO CONDO.

1900 STOP WORK

~~Chatty July 9-5-14~~

8:55

9-4-14

(FROM P. 21) 5-12 CLASSIC HAD WATCHED WXD DVD. ANSWERED QUESTIONS AND HANDED OUT THANK-YOU GIFTS.

1500 STEVE S. & ANNETTE TO DEPART TO HAND OUT SURVEYS TO VISITORS. WXD DVD WAS PLAYING. VERIFIED THAT MAPS WERE BEING DISTRIBUTED TO PUBLIC. GATHERED 2<sup>REF</sup> 12 VISITOR SURVEYS

1600 RETIRED TO CONDO TO FINISH PAPERWORK.

1900 STOP WORK

~~Chatty July 9-4-14~~

9-6-14

0830 H+S & PLANNING MEETING.  
 WEATHER BUNY & WINDY. ALL CREWS  
 WILL WORK IN SWAN 62.

Amette & Bob Bow CANVASS DOWNTOWN  
 1500 DRIVE DOWNTOWN

PHOTO SOUTH

1517 145A EXCAVATION IN  
 FRONT YARD 3 FT DIAMETER  
 AND APPROXIMATELY 2 FEET  
 DEEP TO MANHOLE AT  
 BOTTOM.

EXCAVATED AREA? FOR PLAY  
 GROUND BETWEEN SANDY COVE  
 & 2 STORY YELLOW HOUSING  
 BACKYARD OF 117A

1525 PHOTO 5

1541 PHOTO W OF MONITORING WELL  
 IN EAGLE BAY AT 307 B. 6"   
 SLICE UP.

Chris June 11-6-14

9-6-14

1600 RETURN TO CONDO. NO OTHER  
 EVIDENCE OF EXCAVATIONS IN  
 SWAN 62 SANDY COVE OR EAGLE BAY  
 OR ARCTIC ACRES OR NORPAC HILL  
 RESIDENTIAL AREA. NO EVIDENCE  
 OF GROUNDWATER USE IN DOWNTOWN  
 AREA.

1605 SHERRI & AMETTE TO STORE  
 TO LOOK FOR VISITOR TO CONDUCT  
 SURVEYS.

Chris June 11-6-14

Adak LTM 2014 IC inspections T005 10-15-14

0800 H&S meeting conducted with T006 daily tailgate meeting. Topics included cold stress, PPE, PPE, Slips/Trips/Falls, hydration, were some topics discussed.

1045 Arrived at NORPAC Hill Seep Area

- Excavation Restriction sign present
  - No evidence of Residential use or excavations
- #07 photo taken of sign along with site.

1115 Arrived at MAUW Compound (Inst-24000-A)

- Excavation Restriction sign present
- No evidence of Residential use or excavations

#41 photo taken of sign and site

1148 Arrived at Runway 5-23 Argas Valve Pit

- Excavation Restriction sign present
- No evidence of Residential use or excavations

1154 photo taken of sign and site

1220 Arrive back at housing to download photos, complete forms, call Tom

1330 A. Lewis complete

  
10-15-14

No Further  
Excursions

  
11-6-14

**APPENDIX B**  
**INSPECTION CHECKLISTS AND SURVEY FORMS**

## CONTENTS

SWMU 10, Old Baler Building	B-1
SWMU 14, Old Pesticide Disposal Area	B-3
SWMU 16, Former Firefighting Training Area	B-5
SA 76, Old Line Shed Building	B-7
SA 77, Small Drum Storage Area	B-9
Amulet Housing, Well AMW-706 Area	B-11
Amulet Housing, Well AMW-709 Area	B-13
ROICC Contractors Area (USTs ROICC-7 & ROICC-8)	B-15
Runway 5-23 Avgas Valve Pit	B-17
GCI Compound, UST GCI-1	B-19
NORPAC Hill Seep Area	B-21
Yakutat Hangar, UST T-2039-A	B-23
SWMU 21A, White Alice Upper Quarry	B-25
SWMU 23, Heart Lake Drum Disposal Area	B-27
SWMUs 52, 53, 59 Former Loran Station	B-29
Antenna Field USTs ANT-1 to ANT-4	B-31
Boy Scout Camp, West Haven Lake, UST BS-1	B-33
Finger Bay Quonset Hut (UST FBQH-1)	B-35
MAUW Compound (UST 24000-A)	B-37
Mount Moffett Power Plant No. 5, USTs 10574-10577	B-39
SWMU 58 / SA 73, Heating Plant 6	B-41
SA 78, Old Transportation Building	B-43
SA 82, P-80/P-81 Buildings	B-45
SA 88, P-70 Energy Generator	B-47
OU B-1 Sites: C3-01A, C3-01B, C3-01C, C3-01D, C3-01E, and C3-01F	B-49
OU B-1 Sites: FB-01 and FB-02	B-51
OU B-1 Site: HH-01	B-53
OU B-1 Sites: ML-01A, ML-01B, and ML-01C	B-55
Educational Evaluation Survey Forms	B-57

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: SWMU 10, Old Baler Building Map Reference No.: \_\_\_\_\_

Inspectors: A. Franzen, R. Boyd, S. Wunderlich Date/Time: 09-03-14 / 1712

Company: SEALASKA ENVIRONMENTAL SERVICES

Weather/Temperature: Overcast, light wind / 54° F

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....  | X                        | <input type="checkbox"/> |
| <u>One sign is located on the southeast side of the site along Bayshore Drive, and one is located on the northwest corner across the street from the site (SA 76 sign).</u>                      |                          |                          |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | X                        | <input type="checkbox"/> |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

- Yes No**
9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  **X**
- 

**Installed Remedy Inspection:**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc)...  **X**
- 

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**
- 

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1715	West	Bayshore Hwy	Site and sign

---

Additional notes: Area is used to store cinder blocks.

---

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

**Site Name:** SWMU 14, Old Pesticide Disposal Area **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09/03/14 / 1700

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast, light wind / 54° F

**Sign Inspection:**

1. Are there any signs located at the site? .....  **Yes**  **No**

There are signs in the near vicinity, not at site.

2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) ..... NA

3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off.....   **X**

4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below ..... NA

5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....   **X**

6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below..... NA

**Land Use Inspection:**

7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....   **X**

8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below.....   **X**

9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....   **X**

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes    No**

10.    Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....     **X**

---

11.    Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA       

---

12.    Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA       

---

**Completion of Previous Inspection Recommendations:**

13.    Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....     **X**

---

**Photographs:**

14.    Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1707	East	Access road	Site area

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: SWMU 16, Former Firefighting Training Area Map Reference No.: \_\_\_\_\_

Inspectors: A. Franzen, R. Boyd, S. Wunderlich Date/Time: 09-03-14 / 1641

Company: SEALASKA ENVIRONMENTAL SERVICES

Weather/Temperature: Overcast, 10 mph wind N / 54° F

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....  | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

- Yes    No**
9.    Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....     X
- 

**Installed Remedy Inspection:**

10.    Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc)...     X
- 

11.    Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

12.    Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

**Completion of Previous Inspection Recommendations:**

13.    Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....     X
- 

**Photographs:**

14.    Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1641	North	Access road	Excavation restriction sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: SA 76, Old Line Shed Building Map Reference No.: \_\_\_\_\_

Inspectors: A. Franzen, R. Boyd, S. Wunderlich Date/Time: 09/03/14 / 1705

Company: SEALASKA ENVIRONMENTAL SERVICES

Weather/Temperature: Overcast / 54° F

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....  | X                        | <input type="checkbox"/> |
| <u>Sign at NE end of site</u>  |                          |                          |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | X                        | <input type="checkbox"/> |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**

**Yes No**

9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  **X**
- 

**Installed Remedy Inspection:**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc)...  **X**
- 

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**
- 

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1709	North	Access road	Site area
1712	Northwest	Access road	Sign and site

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

**Page 1 of 2**

**Site Name:** SA 77, Fuel Facility Refueling Dock, Small Drum Storage Area **Map Reference No.:**     

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-02-14 / 1510

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 55° F

**Sign Inspection:**

- |  | <b>Yes</b>                          | <b>No</b>                           |
|--|-------------------------------------|-------------------------------------|
| 1. Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |

**Land Use Inspection:**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1515	East	Fence line	SA 77 Small Drum Storage Area and sign

---

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** Amulet Housing, Well AMW-706 Area      **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich      **Date/Time:** 09-03-14 / 1655

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 55° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below..... NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below..... NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1657	East	Access road	Amulet Housing Area, sign, and South Sweeper Creek

---

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

**Page 1 of 2**

**Site Name:** Amulet Housing, Well AMW-709 Area **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-03-14 / 1650

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 55° F

**Sign Inspection:**

- |  | <b>Yes</b>                          | <b>No</b>                           |
|--|-------------------------------------|-------------------------------------|
| 1. Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1655	East	Access road	Amulet Housing Area and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: ROICC Contractors Area (USTs ROICC-7 & ROICC-8) Map Reference No.: \_\_\_\_\_

Inspectors: A. Franzen, R. Boyd, S. Wunderlich Date/Time: 09-03-14 / 1548

Company: SEALASKA ENVIRONMENTAL SERVICES

Weather/Temperature: Overcast / 55° F

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....<br>One sign on site  | X                        | <input type="checkbox"/> |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.).....                         | X                        | <input type="checkbox"/> |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1550	Southwest	Access road	ROICC Contractors Area and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: Runway 5-23 Avgas Valve Pit Map Reference No.: \_\_\_\_\_

Inspectors: A. Lewis Date/Time: 10-15-14 / 1148

Company: SEALASKA ENVIRONMENTAL SERVICES

Weather/Temperature: Overcast w/ wind 10 mph NE / 40° F

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....  | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1154	North	Access road	Runway 5-23 Avgas Valve Pit area and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** GCI Compound, UST GCI-1 **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-03-14 / 1740

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast, light wind / 54°

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1744	Southwest	Main Road	GCI Compound Area and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: NORPAC Hill Seep Area Map Reference No.: \_\_\_\_\_

Inspectors: A. Lewis Date/Time: 10-15-14 / 1045

Company: SEALASKA ENVIRONMENTAL SERVICES

Weather/Temperature: Cloudy w/ wind 10 mph NE / 40°

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....  | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1107	West	Roadway	NORPAC Hill Seep Area and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** Yakutat Hangar, UST 2039-A **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-03-14 / 1615

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 54° F

**Sign Inspection:**

- |  | <b>Yes</b>                          | <b>No</b>                           |
|--|-------------------------------------|-------------------------------------|
| 1. Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1618	East	Access road	Yakutat Hangar site and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SWMU 21A, White Alice Upper Quarry **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-02-14 / 1550

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Partly cloudy / 54° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1550	West	Access road	SWMU 21 quarry and sign
1552	West	Access road	SWMU 21 quarry

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SWMU 23, Heart Lake Drum Disposal Area      **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich      **Date/Time:** 09-02-14 / 1015

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 53° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** Yes No

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below..... NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below..... NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1019	West	Access road	Heart Lake Drum Disposal Area
1022	West	Access road	Heart Lake Drum Disposal Area and sign

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SWMUs 52, 53, 59 Former LORAN Station      **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich      **Date/Time:** 09-03-14 / 0950

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Partly cloudy, light wind / 50° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1004	Northwest	Access road	LORAN Station site and sign from road
1021	North	Site	LORAN Station building

Additional notes: Road to the site is blocked by fallen rocks. Access is by foot or off-road vehicles only.

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** Antenna Field USTs ANT-1 to ANT-4      **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich      **Date/Time:** 09/03/14 / 1450

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast, 5 mph wind east / 52° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below. ....                            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

- Yes No**
9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  **X**
- 

**Installed Remedy Inspection:**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**
- 

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**
- 

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1450	Northeast	Access road	Sign
1509	South	Site	Site overview

Additional notes: The site is only accessible on foot or by off-road vehicles.

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** Boy Scout Camp, Westhaven Lake, UST BS-1      **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich      **Date/Time:** 09-02-14 / 1715

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Partly cloudy / 54° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1718	Southwest	West access road	Sign on west side of site
1731	Northwest	East access road	Sign and site

Additional notes: The site is only accessible by foot, by off-road vehicles, or during very dry conditions.

**Non-Landfill Primary Inspection Checklist**

Page 1 of 2

Site Name: Finger Bay Quonset Hut (UST FBOH-1) Map Reference No.: \_\_\_\_\_

Inspectors: A. Franzen, R. Boyd, S. Wunderlich Date/Time: 09-02-14 / 1355

Company: SEALASKA ENVIRONMENTA SERVICES

Weather/Temperature: Partly cloudy / 50° F

**Sign Inspection:**

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are there any signs located at the site? .....  | X                        | <input type="checkbox"/> |
| <hr/>  |                          |                          |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | X                        | <input type="checkbox"/> |
| <u>The sign has bullet holes in it, but it is still legible.</u>   |                          |                          |
| <hr/>  |                          |                          |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | X                        |
| <hr/>  |                          |                          |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | X                        |

**Land Use Inspection:**

- |  |                          |   |
|--|--------------------------|---|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | X |
| <hr/>  |                          |   |
| 9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | X |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:**

**Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1359	South	Site	Site overview
1402	South	Finger Bay Road	Site sign

Additional notes: Recommend relocate sign

---

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** MAUW Compound (UST-24000-A) **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Lewis **Date/Time:** 10-15-14 / 1115

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast w/ 10 mph wind NE / 40° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1141	Southwest	Road	Sign and buildings

Additional notes: Site bunkers are being used for commercial storage.

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** Mount Moffet Power Plant No. 5, USTs 10574 to 10577 **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, S. Wunderlich, R. Boyd **Date/Time:** 09-02-14 / 1655

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Cloudy / 54° F

**Sign Inspection:**

- |       |   | <b>Yes</b>                          | <b>No</b>                           |
|-------|---|-------------------------------------|-------------------------------------|
| 1.    | Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/> |   |                                     |                                     |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/> |   |                                     |                                     |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |       |   |                          |                                     |
|-------|---|--------------------------|-------------------------------------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/> |   |                          |                                     |
| 9.    | Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

**Installed Remedy Inspection:** **Yes No**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....  **X**

---

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA

---

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA

---

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**

---

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1701	Northwest	Road	Sign and site

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SWMU 58 / SA 73, Heating Plant 6 **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-03-14 / 1129

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 55° F

**Sign Inspection:**

- |  | <b>Yes</b>                          | <b>No</b>                           |
|--|-------------------------------------|-------------------------------------|
| 1. Are there any signs located at the site? .....<br><u>Three signs are posted.</u>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

**Yes No**

9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  **X**
- 

**Installed Remedy Inspection:**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc)...  **X**
- 

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**
- 

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1132	South	Access road	Sign and site

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SA 78, Old Transportation Building **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-03-14 / 1140

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 55° F

**Sign Inspection:**

- |  | <b>Yes</b>                          | <b>No</b>                           |
|--|-------------------------------------|-------------------------------------|
| 1. Are there any signs located at the site? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <u>There are four signs onsite.</u>  |                                     |                                     |
| 2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <hr/>  |                                     |                                     |
| 3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <hr/>  |                                     |                                     |
| 6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Land Use Inspection:**

- |  |                          |                                     |
|--|--------------------------|-------------------------------------|
| 7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <hr/>  |                          |                                     |
| 8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

- Yes No**
9. Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....  **X**
- 

**Installed Remedy Inspection:**

10. Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc)...  **X**
- 

11. Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

12. Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below.....NA
- 

**Completion of Previous Inspection Recommendations:**

13. Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....  **X**
- 

**Photographs:**

14. Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1142	East	Center of site	Sign
1143	West	Center of site	Site

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SA 82, P-80/P-81 Buildings      **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich      **Date/Time:** 09-03-14 / 1110

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 54° F

**Sign Inspection:**

- |       |   | <b>Yes</b>               | <b>No</b>                |
|-------|---|--------------------------|--------------------------|
| 1.    | Are there any signs located at the site? .....  | <b>X</b>                 | <input type="checkbox"/> |
| <hr/> |   |                          |                          |
| 2.    | Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....                        | <b>X</b>                 | <input type="checkbox"/> |
| <hr/> |   |                          |                          |
| 3.    | Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off..... | <input type="checkbox"/> | <b>X</b>                 |
| <hr/> |   |                          |                          |
| 4.    | Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....    | <input type="checkbox"/> | <b>X</b>                 |
| <hr/> |   |                          |                          |
| 5.    | Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....  | <input type="checkbox"/> | <b>X</b>                 |
| <hr/> |   |                          |                          |
| 6.    | Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....                             | <input type="checkbox"/> | <b>X</b>                 |

**Land Use Inspection:**

- |       |   |                          |          |
|-------|---|--------------------------|----------|
| 7.    | Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....  | <input type="checkbox"/> | <b>X</b> |
| <hr/> |   |                          |          |
| 8.    | Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below..... | <input type="checkbox"/> | <b>X</b> |

**Non-Landfill Primary Inspection Checklist**  
**Page 2 of 2**

- Yes    No**
9.    Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....     **X**
- 

**Installed Remedy Inspection:**

10.    Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....     **X**
- 

11.    Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

12.    Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

**Completion of Previous Inspection Recommendations:**

13.    Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed.....     **X**
- 

**Photographs:**

14.    Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1115	North	Access road	SA 82, P-80/P-81 Buildings and sign
1121	North	Access road	SA 82, P-80/P-81 Buildings and site

Additional notes: \_\_\_\_\_

**Non-Landfill Primary Inspection Checklist**  
**Page 1 of 2**

**Site Name:** SA 88, P-70 Energy Generator \_\_\_\_\_ **Map Reference No.:** \_\_\_\_\_

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-03-14 / 1149 \_\_\_\_\_

**Company:** SEALASKA ENVIRONMENTAL SERVICES \_\_\_\_\_

**Weather/Temperature:** Overcast / 54° F \_\_\_\_\_

**Sign Inspection:**

	<b>Yes</b>	<b>No</b>
1. Are there any signs located at the site? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

There are three signs onsite.

2. Are the signs legible? If no, describe locations where signs should be replaced. (Signs should be readable at a distance of at least 100 feet in clear weather.) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

3. Is there evidence that signs have been removed? If yes, note location where there is supposed to be a sign below. Note whether sign and post removed, sign only removed, post broken off.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

4. Is there damage to substrate that could threaten the sign orientation due to wind, seismic conditions, or soil removal caused by human or animal digging? Document photographs below .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

5. Should additional signs be installed? If yes, provide locations where there should be a sign. Sketch locations on the back of form or attach map. ....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

Two signs have been installed at the site since the 2009 inspection.

6. Is sign damage observed? Sketch damage and location of damage on the back of form. Use a separate form for each damaged location. Document photographs below.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

One is bent and starting to fade. One has bullet hole (west sign)

**Land Use Inspection:**

7. Is there any evidence of change of land use to residential land use? If yes, explain and document photographs below.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

8. Is there any surface evidence of excavation? If yes, explain where excavation has occurred and for what purpose. Was there a notification submitted? Also provide a sketch of location on the back of the form. Document photographs below.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

**Non-Landfill Primary Inspection Checklist**

**Page 2 of 2**

- Yes    No**
9.     Is there any evidence of well drilling for domestic purposes? If yes, explain where well drilling has occurred and provide a sketch of location on the back of the form. Document photographs below.....     **X**
- 

**Installed Remedy Inspection:**

10.    Is there a remedy installed at the site? If yes, provide a description of the type of remedy (i.e. free-product recovery trench, passive free-product skimmers, etc).....     **X**
- 

11.    Is there any evidence of tampering of the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

12.    Is there any evidence of weather-related damage to the remedy installed at the site? If yes, explain and document photographs below..... NA
- 

**Completion of Previous Inspection Recommendations:**

13.    Were there any findings/recommendations in the previous investigation report that required maintenance or repairs and has the work been completed..... **X**
- 

**Photographs:**

14.    Document photographs below. Two photographs should be taken per location damaged. Use back of form for additional photographs.

Time Taken	Direction Facing	Location Taken From	Subject of Photograph
1151	West	Access road	SA 88 site and sign

Additional notes: \_\_\_\_\_

## OU B-1 Land Use and Visual Inspection Checklist

Page 1 of 2

**Purpose:** This inspection checklist is intended to document general land uses occurring at OU B-1 sites. In addition, the checklist is also intended to document any significant changes in site conditions that could result in a greater potential for exposure to hazards from MEC.

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-02-14 / 1035

Note: Navy will provide advance notice of inspection to regulatory agencies to allow their participation if they so desire.

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 54° F

**SITE DESIGNATION (SEE OU B-1 ROD)** C3-01A, C3-01B, C3-01C, C3-01D, C3-01E, & C3-01F

Site Environmental Inspection

### Erosion, Subsurface Soil Exposure Patterns

Is surface water drainage resulting in obvious erosion at the site?

The stream feeding Heart Lake flows through site C3-01A (see Figure 3-6).

Have any events (sloughing, landslides, past flood events) resulted in newly exposed subsurface soils? If yes, describe location, condition, severity, and provide square footage. Sketch location and provide location coordinates on reverse side of this form and provide a digital photograph.

No sign of sloughing, landslides, or erosion.

### Land Use Verification

The intent is to verify that land use assumptions used as a basis for remedy selection at the site (i.e. recreational use in areas with 30 degree or lower slope and little if any access or use of areas with greater than 30 degrees slope) remain valid.

1. Is there manmade debris (including potential MEC items) or evidence of disturbance visible on the slope above the re-vegetated and restored area (i.e. trails, footprints and/or trampled vegetation, litter (beer cans/bottles, cigarette butts, etc.), campfire remnants, tent stakes, etc.)? If yes, note type of debris, location, and square footage. Sketch location and provide location coordinates on the reverse of this form and provide a digital photograph(s) of affected area. Forward to the remedial project manager.

No manmade debris at locations. Rebar stakes were observed along the shoreline of Heart Lake in site C3-01A. Additionally, dirt roads and ATV paths are prevalent along the lake shoreline in C3-01 A (see Figure 3-6). Site C3-01 A also had evidence of recreational fishing. Sites C3-01B, C3-01D, and C3-01F sites have ATV tracks adjacent to them but not on actual site location. The tracks are from hunters accessing the area nearby.

**OU B-1 Land Use and Visual Inspection Checklist**

**Page 2 of 2**

- 
2. Is there any evidence of permanent development adjacent to re-vegetated, restored, remediated area (i.e. grading of site, survey stakes, buildings (temporary or permanent), or building foundations, etc.)? Note such evidence photographically and with a sketch of site that identifies the approximate location of the evidence.

No structures or development of any kind at site location.

---

**Photographs:**

Time	Direction	Description
1039	SE	C3-01A ATV tracks next to Heart Lake remediated area
1051	SW	C3-01A next to Heart Lake view of rebar stakes for fencing
1054	South	C3-01A remediated area
1057	SW	C3-01E
1104	North	C3-01C shoreline and hills
1127	NW	C3-01B
1135	North	C3-01B
1138	SW	C3-01D,F

**OU B-1 Land Use and Visual Inspection Checklist**  
**Page 1 of 2**

**Purpose:** This inspection checklist is intended to document general land uses occurring at OU B-1 sites. In addition, the checklist is also intended to document any significant changes in site conditions that could result in a greater potential for exposure to hazards from MEC.

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-02-14 / 1430

Note: Navy will provide advance notice of inspection to regulatory agencies to allow their participation if they so desire.

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 55° F

**SITE DESIGNATION (SEE OU B-1 ROD)** FB-01 & FB-02

Site Environmental Inspection

**Erosion, Subsurface Soil Exposure Patterns**

Is surface water drainage resulting in obvious erosion at the site?

Finger Bay Creek flows through the site (see Figure 3-7).

Have any events (sloughing, landslides, past flood events) resulted in newly exposed subsurface soils? If yes, describe location, condition, severity, and provide square footage. Sketch location and provide location coordinates on reverse side of this form and provide a digital photograph.

No sloughing, landslides, or exposed soil patterns observed at site location.

**Land Use Verification**

The intent is to verify that land use assumptions used as a basis for remedy selection at the site (i.e. recreational use in areas with 30 degree or lower slope and little if any access or use of areas with greater than 30 degrees slope) remain valid.

1. Is there manmade debris (including potential MEC items) or evidence of disturbance visible on the slope above the re-vegetated and restored area (i.e. trails, footprints and/or trampled vegetation, litter (beer cans/bottles, cigarette butts, etc.), campfire remnants, tent stakes, etc.)? If yes, note type of debris, location, and square footage. Sketch location and provide location coordinates on the reverse of this form and provide a digital photograph(s) of affected area. Forward to the remedial project manager.

No manmade debris noted. There is a hiking/ATV trail (with tracks) on the west side of the stream leading from the top of Finger Bay that follows the stream to the top of the ridge (see Figure 3-7).

**OU B-1 Land Use and Visual Inspection Checklist**

**Page 2 of 2**

- 
2. Is there any evidence of permanent development adjacent to re-vegetated, restored, remediated area (i.e. grading of site, survey stakes, buildings (temporary or permanent), or building foundations, etc.)? Note such evidence photographically and with a sketch of site that identifies the approximate location of the evidence.

No structures or development of any kind at site location.

**Photographs:**

Time	Direction	Description
1433	South	FB-02 Overview
1437	NE	Creek with salmon running through FB-02
1442	West	Overview of FB-01 looking up trail with ATV tracks on left
1444	NW	Overview of FB-01
1449	West	FB-01 (potential location)

**OU B-1 Land Use and Visual Inspection Checklist**

Page 1 of 2

**Purpose:** This inspection checklist is intended to document general land uses occurring at OU B-1 sites. In addition, the checklist is also intended to document any significant changes in site conditions that could result in a greater potential for exposure to hazards from MEC.

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-02-14 / 1300

Note: Navy will provide advance notice of inspection to regulatory agencies to allow their participation if they so desire.

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 54° F

**SITE DESIGNATION (SEE OU B-1 ROD)** HH-01

Site Environmental Inspection

Erosion, Subsurface Soil Exposure Patterns

No erosion occurring at HH-01.

Is surface water drainage resulting in obvious erosion at the site?

No surface water drainage resulting in erosion at site location.

Have any events (sloughing, landslides, past flood events) resulted in newly exposed subsurface soils? If yes, describe location, condition, severity, and provide square footage. Sketch location and provide location coordinates on reverse side of this form and provide a digital photograph.

No sloughing, landslides, or erosion observed at site location.

**Land Use Verification**

The intent is to verify that land use assumptions used as a basis for remedy selection at the site (i.e. recreational use in areas with 30 degree or lower slope and little if any access or use of areas with greater than 30 degrees slope) remain valid.

1. Is there manmade debris (including potential MEC items) or evidence of disturbance visible on the slope above the re-vegetated and restored area (i.e. trails, footprints and/or trampled vegetation, litter (beer cans/bottles, cigarette butts, etc.), campfire remnants, tent stakes, etc.)? If yes, note type of debris, location, and square footage. Sketch location and provide location coordinates on the reverse of this form and provide a digital photograph(s) of affected area. Forward to the remedial project manager.

No obvious litter or disturbance of any kind observed.

**OU B-1 Land Use and Visual Inspection Checklist**

**Page 2 of 2**

2. Is there any evidence of permanent development adjacent to re-vegetated, restored, remediated area (i.e. grading of site, survey stakes, buildings (temporary or permanent), or building foundations, etc.)? Note such evidence photographically and with a sketch of site that identifies the approximate location of the evidence.

No building or structures on or nearby site location.

---

**Photographs:**

Time	Direction	Description
1323	East	HH-01 site overview from upper road overlooking site
1336	North	HH-01 site overview

**OU B-1 Land Use and Visual Inspection Checklist**

**Page 1 of 2**

**Purpose:** This inspection checklist is intended to document general land uses occurring at OU B-1 sites. In addition, the checklist is also intended to document any significant changes in site conditions that could result in a greater potential for exposure to hazards from MEC.

**Inspectors:** A. Franzen, R. Boyd, S. Wunderlich **Date/Time:** 09-02-14 / 0930

Note: Navy will provide advance notice of inspection to regulatory agencies to allow their participation if they so desire.

**Company:** SEALASKA ENVIRONMENTAL SERVICES

**Weather/Temperature:** Overcast / 52° F

**SITE DESIGNATION (SEE OU B-1 ROD)** ML-01A, ML-01B, & ML-01C

**Site Environmental Inspection**

**Erosion, Subsurface Soil Exposure Patterns**

Is surface water drainage resulting in obvious erosion at the site?

No surface water drainage resulting in erosion at the site.

Have any events (sloughing, landslides, past flood events) resulted in newly exposed subsurface soils? If yes, describe location, condition, severity, and provide square footage. Sketch location and provide location coordinates on reverse side of this form and provide a digital photograph.

No sloughing, landslides, or exposed soil patterns observed at site locations

**Land Use Verification**

The intent is to verify that land use assumptions used as a basis for remedy selection at the site (i.e. recreational use in areas with 30 degree or lower slope and little if any access or use of areas with greater than 30 degrees slope) remain valid.

1. Is there manmade debris (including potential MEC items) or evidence of disturbance visible on the slope above the re-vegetated and restored area (i.e. trails, footprints and/or trampled vegetation, litter (beer cans/bottles, cigarette butts, etc.), campfire remnants, tent stakes, etc.)? If yes, note type of debris, location, and square footage. Sketch location and provide location coordinates on the reverse of this form and provide a digital photograph(s) of affected area. Forward to the remedial project manager.

No obvious litter or disturbance of any kind observed.

**OU B-1 Land Use and Visual Inspection Checklist**  
**Page 2 of 2**

- 
2. Is there any evidence of permanent development adjacent to re-vegetated, restored, remediated area (i.e. grading of site, survey stakes, buildings (temporary or permanent), or building foundations, etc.)? Note such evidence photographically and with a sketch of site that identifies the approximate location of the evidence.

No building or structures on or nearby site location.

---

**Photographs:**

Time	Direction	Description
0934	South	ML-01A, ML-01B, & ML-01C sites

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: TORU PETERSEN  
 Address: 1345 SWANTOWN RD OAK HARBOR, WA 98277  
 Telephone: (360) 661-3510  
 E-mail address: \_\_\_\_\_  
 Date: 9/5/2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.

**Adak visitor (go to 4C)**  
 Length of visit 5 MONTHS Reason for visit CONTRACTOR

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordinance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected <u>ordnance</u> materials (do not touch, note location, call 911).	✓		* CHECK 911 SYSTEM
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.			
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).			
I know not to go under, around, or over fences and gates.			
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.	✓		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	✓		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	✓		
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?			
Do you routinely eat rock sole? If so, how often? Where do you fish for them?			
Do you routinely eat other fish? If so what fish? Where do you fish for them?			

5. **How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)**

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: Jonyn Owens-Zuluafa  
 Address: 16-106 Kaiwee Pl, Keanu, HI 96749  
 Telephone: 808-937-9983  
 E-mail address: \_\_\_\_\_  
 Date: 9/4/14

1. Please check the following that apply:

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)

3. Are you a subsistence fisher?

- Yes (Complete Section 4E)
- No

4. General Comments (please check the appropriate box):

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	<input checked="" type="checkbox"/>		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	<input checked="" type="checkbox"/>		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	<input checked="" type="checkbox"/>		
I am aware that land use restrictions apply to some areas on Adak.	<input checked="" type="checkbox"/>		
I am aware that digging in some areas on Adak requires Navy approval.	<input checked="" type="checkbox"/>		
I know that there are some areas I can't dig at all on Adak.	<input checked="" type="checkbox"/>		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	<input checked="" type="checkbox"/>		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	<input checked="" type="checkbox"/>		
I know that I can't use water from a well or install a well for water in the downtown area.		<input checked="" type="checkbox"/>	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		✗
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		✓
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	✗	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	✗	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: STANLEY N. DUBBLE  
 Address: DAKOTA, FL  
 Telephone: \_\_\_\_\_  
 E-mail address: SDUBBLE@YAHOO.COM  
 Date: 9/4/2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		✓
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	✓	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	✓	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Lashie Goo  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_  
 Date: 9-3-14

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit 3 months Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		✓	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.			
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).			
I know not to go under, around, or over fences and gates.			
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?			
Do you routinely eat rock sole? If so, how often? Where do you fish for them?			
Do you routinely eat other fish? If so what fish? Where do you fish for them?			

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

## Institutional Control Education Evaluation

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Brian Wynn  
 Address: 3203 LEE ROAD 145 SALEM AL. 36879  
 Telephone: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_  
 Date: 9-5-14

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit 3 MO. Reason for visit UXO Remediation

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.			
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.			
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).			
I am aware that land use restrictions apply to some areas on Adak.			
I am aware that digging in some areas on Adak requires Navy approval.			
I know that there are some areas I can't dig at all on Adak.			
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.			
I am aware of the Navy outreach Adak web site and the toll-free telephone number.			
I am aware that maps detailing the land use restrictions and ordnance awareness are available.			
I know that I can't use water from a well or install a well for water in the downtown area.			

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.			
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).			
I know not to go under, around, or over fences and gates.			
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.	✓		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	✓		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	✓		
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?		✓	
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		✓	
Do you routinely eat other fish? If so what fish? Where do you fish for them?		✓	

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Smith  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_  
 Date: 9-5-14

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
**Page 2 of 3**

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: HOWARD WAYNE  
 Address: BOX 1925 SITKA  
 Telephone: 907-738-1790  
 E-mail address: WAYNEH@SITKASCHOOLS.org  
 Date: 9/5/14

1. Please check the following that apply:

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.

Adak visitor (go to 4C)  
 Length of visit 4 DAYS Reason for visit HUNT

2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)

3. Are you a subsistence fisher?

- Yes (Complete Section 4E)
- No

4. General Comments (please check the appropriate box):

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		/	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	X	<del>X</del>	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	X		
I am aware that land use restrictions apply to some areas on Adak.	X		
I am aware that digging in some areas on Adak requires Navy approval.	X		
I know that there are some areas I can't dig at all on Adak.		X	
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	X		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		X	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	X		
I know that I can't use water from a well or install a well for water in the downtown area.		X	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.	X	
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	X	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	X	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**

Page 1 of 3

Name: Darren Ludtke  
 Address: 1001 Creekwood Dr N. Champlin, MN 55316  
 Telephone: 612-219-7276  
 E-mail address: dludtke@hotmail.com  
 Date: 9/8/14

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit 7 Days Reason for visit Hunting

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		X	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.		X	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	X		
I am aware that land use restrictions apply to some areas on Adak.	X		
I am aware that digging in some areas on Adak requires Navy approval.	X		
I know that there are some areas I can't dig at all on Adak.	X		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.		X	
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		X	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	X		
I know that I can't use water from a well or install a well for water in the downtown area.		X	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?	x	N/A
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.	x	N/A
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.	x	N/A
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

## Institutional Control Education Evaluation

Page 1 of 3

Name: Bryan Medson  
 Address: 5266a Canada Ridge Rd  
 Telephone: 608 738 9207  
 E-mail address: Bryan.medson@usf.com  
 Date: 9/8/14

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit 7 days Reason for visit Hunting

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		/	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.		/	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	/		
I am aware that land use restrictions apply to some areas on Adak.	/		
I am aware that digging in some areas on Adak requires Navy approval.		/	
I know that there are some areas I can't dig at all on Adak.	/		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.		/	
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		/	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.			
I know that I can't use water from a well or install a well for water in the downtown area.		/	

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?		/	
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		/	
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		/	
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.		/	
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		/	
I know not to go under, around, or over fences and gates.		/	
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		/	
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		/	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		/	
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?		/	
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		/	
Do you routinely eat other fish? If so what fish? Where do you fish for them?		/	

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: BOB MADSEN  
 Address: 9320 COUNTY ROAD 3 NW  
 Telephone: 507-271-7896  
 E-mail address: RDMAISON @ BOB COMM. NET.  
 Date: 9/8/2014 BEVCOMM.

1. Please check the following that apply:

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit 8 DAYS Reason for visit HUNTING & FISHING

2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordinance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)

3. Are you a subsistence fisher?

- Yes (Complete Section 4E)
- No

4. General Comments (please check the appropriate box):

<u>NON-RESIDENT</u>	Yes	No	Comments
<u>A. Residents:</u>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	X		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	X		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	X		
I am aware that land use restrictions apply to some areas on Adak.	X		
I am aware that digging in some areas on Adak requires Navy approval.	X		
I know that there are some areas I can't dig at all on Adak.	X		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	X		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		X	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	X		
I know that I can't use water from a well or install a well for water in the downtown area.		X	

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.			
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).			
I know not to go under, around, or over fences and gates.			
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?			
Do you routinely eat rock sole? If so, how often? Where do you fish for them?			
Do you routinely eat other fish? If so what fish? Where do you fish for them?			

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: Joshua DelBromick  
 Address: TEACHER  
 Telephone: 907-359-3382  
 E-mail address: JDelBromick@yahoo.com  
 Date: 9-1-94

1. Please check the following that apply:

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)

3. Are you a subsistence fisher?

- Yes (Complete Section 4E)
- No

4. General Comments (please check the appropriate box):

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		X	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	X		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	X		
I am aware that land use restrictions apply to some areas on Adak.	X		
I am aware that digging in some areas on Adak requires Navy approval.	X		
I know that there are some areas I can't dig at all on Adak.	X		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	X		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	X		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	X		
I know that I can't use water from a well or install a well for water in the downtown area.	X		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?	<input checked="" type="checkbox"/>	
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.	<input checked="" type="checkbox"/>	
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.	<input checked="" type="checkbox"/>	
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.	<input type="checkbox"/>	
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	<input type="checkbox"/>	
I know not to go under, around, or over fences and gates.	<input type="checkbox"/>	
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.	<input type="checkbox"/>	
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	<input type="checkbox"/>	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	<input type="checkbox"/>	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?	<input type="checkbox"/>	
Do you routinely eat rock sole? If so, how often? Where do you fish for them?	<input type="checkbox"/>	
Do you routinely eat other fish? If so what fish? Where do you fish for them?	<input type="checkbox"/>	

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

## Institutional Control Education Evaluation

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Phyllis Borts  
 Address: PO Box 2008  
 Telephone: 907 592-8383  
 E-mail address: Phyllisb@eatnbes.net  
 Date: 9-3-14

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes) or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

*Keep doing what you are doing !!  
Great job!*

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: George M Lopez  
 Address: 210 B Kuluk  
 Telephone: 592 2285  
 E-mail address: lopgeomc@yahoo.com  
 Date: 9/1/14

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. **How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)**

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: Bill Shipp  
 Address: \_\_\_\_\_  
 Telephone: 359 3382  
 E-mail address: Bill SHIPP @ msn.com  
 Date: 9-1-14

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		✓	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.		✓	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Molly Lashier  
 Address: PO Box 2083 Adak AK  
 Telephone: (907) 572-9215  
 E-mail address: mollylashier@yahoo.com  
 Date: 9/1/14

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?	✓	first week of school
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.	✓	class discussions
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.	✓	
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Julie Plummer  
 Address: P.O. Box 1833  
 Telephone: 907-572-9216  
 E-mail address: alaadax@yahoo.com  
 Date: 9-1-14

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?	✓	once a year/when new students arrive or at least given info
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.	✓	Boomer Coloring Books
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.	✓	
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) visits from Sea Alaska to school!

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?** NO

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: JOE BECKFORD  
 Address: 148-C SWAMPY COVE HOUSING  
 Telephone: (907) 360-8447  
 E-mail address: jbeckford@alutregion.org  
 Date: 01-SEP-2014

1. Please check the following that apply:

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

2. Do friends or family visit you on Adak? (Yes or ~~No~~) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)

3. Are you a subsistence fisher?

- Yes (Complete Section 4E)
- No

4. General Comments (please check the appropriate box):

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		✓	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: ROO WHITEHEAD  
 Address: P.O. Box 2048  
 Telephone: 907-572-9480  
 E-mail address: \_\_\_\_\_  
 Date: 9-1-2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**  
 Yes (Complete Section 4E)  
 No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.			
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. **How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)**

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: Christopher Muir  
 Address: Teacher  
 Telephone: \_\_\_\_\_  
 E-mail address: greenthumb75@msn.com  
 Date: 9/1/14

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		d	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.		d	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	d		
I am aware that land use restrictions apply to some areas on Adak.		e	
I am aware that digging in some areas on Adak requires Navy approval.		e	
I know that there are some areas I can't dig at all on Adak.		d	
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.		e	
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		e	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.		e	
I know that I can't use water from a well or install a well for water in the downtown area.		d	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?	d	Thursday 9/4 2:30-3:00
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.	d	I'd be happy to incorporate something if you've got materials or additional info.
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.	d	
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Tina Laurson  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail address: tina-laurson@hotmail.com  
 Date: 9/1 2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit 3 month Reason for visit Teaching

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		X	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.		X	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	X		
I am aware that land use restrictions apply to some areas on Adak.		X	
I am aware that digging in some areas on Adak requires Navy approval.	X		
I know that there are some areas I can't dig at all on Adak.		X	
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.		X	
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		X	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	X		
I know that I can't use water from a well or install a well for water in the downtown area.		X	

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?		X	
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		X	
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		X	
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.			
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).			
I know not to go under, around, or over fences and gates.			
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?			
Do you routinely eat rock sole? If so, how often? Where do you fish for them?			
Do you routinely eat other fish? If so what fish? Where do you fish for them?			

5. **How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)**

- Community meetings
- Electronic mail
- Internet

## Institutional Control Education Evaluation

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Vuna Penitoni Junior  
 Address: Sandy Cove 167D  
 Telephone: 907-592-2232  
 E-mail address: \_\_\_\_\_  
 Date: September 4, 2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)**
- No**

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.			
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.			
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.		✓	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?	yes	no
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.	✓	
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	✓	
I know not to go under, around, or over fences and gates.	✓	
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		✓
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

No.

## Institutional Control Education Evaluation

Page 1 of 3

Name: Freedom  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_  
 Date: 2014-9-4

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.		✓	
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		✓	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.	✓		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	✓		
I know not to go under, around, or over fences and gates.	✓		
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?			
Do you routinely eat rock sole? If so, how often? Where do you fish for them?			
Do you routinely eat other fish? If so what fish? Where do you fish for them?			

5. **How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)**

- Community meetings
- Electronic mail
- Internet

## Institutional Control Education Evaluation

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Hanna Hudson  
 Address: \_\_\_\_\_  
 Telephone: 907-572-9670  
 E-mail address: \_\_\_\_\_  
 Date: Sept 4

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		X	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	X		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	X		
I am aware that land use restrictions apply to some areas on Adak.	X		
I am aware that digging in some areas on Adak requires Navy approval.	X		
I know that there are some areas I can't dig at all on Adak.	X		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.	✓		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	✓		
I know not to go under, around, or over fences and gates.	✓		
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?			
Do you routinely eat rock sole? If so, how often? Where do you fish for them?			
Do you routinely eat other fish? If so what fish? Where do you fish for them?			

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Dustin C. Torchill  
 Address: 1959 P.O. box Adak Alaska  
 Telephone: 907-571-6009  
 E-mail address: dustin\_torchill@outlook.com  
 Date: 9/4/14

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)**  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)**
- No**

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.	✓	
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	✓	
I know not to go under, around, or over fences and gates.	✓	
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		✓
Do you routinely eat rock sole? If so, how often? Where do you fish for them?	✓	✓
Do you routinely eat other fish? If so what fish? Where do you fish for them?	✓	Finger bay, salmon Airport creek, salmon Sweeper Creek, dollie

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

*no I do not. I have full understanding of the ordinance.*

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Ramzes  
 Address: 167D  
 Telephone: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_  
 Date: 9/9/2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		NO	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	Yes		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	Yes		
I am aware that land use restrictions apply to some areas on Adak.	Yes		
I am aware that digging in some areas on Adak requires Navy approval.		✓	
I know that there are some areas I can't dig at all on Adak.	Yes		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		✓	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.		✓	

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.	Yes		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	Yes		
I know not to go under, around, or over fences and gates.	Yes		
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?	Yes		Finger bay
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		NO	
Do you routinely eat other fish? If so what fish? Where do you fish for them?	Yes		finger bay

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

## Institutional Control Education Evaluation

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. Do you have access to the Internet?

- Yes       No

7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak? NO

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Stacy Wayne  
 Address: Box J J 2006  
 Telephone: 907 738 0497  
 E-mail address: StacyWayne@6.gov  
 Date: Sept 4 2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		<input checked="" type="checkbox"/>	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.		<input checked="" type="checkbox"/>	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	<input checked="" type="checkbox"/>		
I am aware that land use restrictions apply to some areas on Adak.			
I am aware that digging in some areas on Adak requires Navy approval.	<input checked="" type="checkbox"/>		
I know that there are some areas I can't dig at all on Adak.	<input checked="" type="checkbox"/>		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	<input checked="" type="checkbox"/>		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		<input checked="" type="checkbox"/>	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	<input checked="" type="checkbox"/>		
I know that I can't use water from a well or install a well for water in the downtown area.		<input checked="" type="checkbox"/>	

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.	✓	✓
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	✓	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	✓	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**



**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).		
I know not to go under, around, or over fences and gates.		
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		X
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.	X	
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	X	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		
Do you routinely eat other fish? If so what fish? Where do you fish for them?		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
**Page 3 of 3**

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

**6. Do you have access to the Internet?**

- Yes       No

**7. Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name: Alicia Bennett  
 Address: 118B Beverly cove P.O.Box 1871 Adak AK 99546  
 Telephone: 907-872-9210  
 E-mail address: abennett7184@gmail.com  
 Date: 9/4/14

1. Please check the following that apply:

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No) Yes

3. Are you a subsistence fisher?

- Yes (Complete Section 4E)
- No

4. General Comments (please check the appropriate box):

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	✓		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.	✓		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.	✓		
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	✓		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	✓		
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.	✓	
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	✓	
I know not to go under, around, or over fences and gates.	✓	
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.		
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?	✓	once every other month or once a year some years + from Shagiak bay
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		✓
Do you routinely eat other fish? If so what fish? Where do you fish for them?	✓	Salmon, halibut, Cod, Crab- The ocean and finger Bay

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

*They should put some more posters up around town and make sure maps are sent to each family.*

**Institutional Control Education Evaluation**  
**Page 1 of 3**

Name: Geselle  
 Address: 210A Kuluk  
 Telephone: 907-592-3114  
 E-mail address: \_\_\_\_\_  
 Date: 9-4-2014

**1. Please check the following that apply:**

- Adak Resident (go to 2)**
  - I have lived here for over 1 year.
  - I have lived here for over 6 months, less than 1 year.
  - I have lived here 3-6 months.
  - I have lived here less than 3 months.
  - Adak visitor (go to 4C)**
- Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)**
- No**

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.		✓	
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.	✓		
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	✓		
I am aware that land use restrictions apply to some areas on Adak.	✓		
I am aware that digging in some areas on Adak requires Navy approval.	✓		
I know that there are some areas I can't dig at all on Adak.		✓	
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.		✓	
I am aware of the Navy outreach Adak web site and the toll-free telephone number.		✓	
I am aware that maps detailing the land use restrictions and ordnance awareness are available.		✓	
I know that I can't use water from a well or install a well for water in the downtown area.	✓		

## Institutional Control Education Evaluation

Page 2 of 3

<b>B. Teachers</b>			
Is the ordnance awareness DVD being shown and when?			
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.			
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.			
<b>C. School Age Children</b>			
I have seen the ordnance awareness video with Boomer the Otter at my school.	yes ✓		
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	yes ✓		
I know not to go under, around, or over fences and gates.	yes ✓		
<b>D. Visitors</b>			
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.			
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.			
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.			
<b>E. Subsistence Fisher</b>			
Do you routinely eat blue mussels? If so, how often? Where do you get them?	no X		
Do you routinely eat rock sole? If so, how often? Where do you fish for them?	no X		
Do you routinely eat other fish? If so what fish? Where do you fish for them?	no X		

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet

## Institutional Control Education Evaluation

Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?**

**Institutional Control Education Evaluation**  
Page 1 of 3

Name:       Luis        
 Address:       712 Kuluk        
 Telephone: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_  
 Date:       2016-0-4      

**1. Please check the following that apply:**

- Adak Resident (go to 2)
- I have lived here for over 1 year.
- I have lived here for over 6 months, less than 1 year.
- I have lived here 3-6 months.
- I have lived here less than 3 months.
- Adak visitor (go to 4C)  
 Length of visit \_\_\_\_\_ Reason for visit \_\_\_\_\_

**2. Do friends or family visit you on Adak? (Yes or No) If yes, do you educate them on the institutional controls (land use restrictions, fish advisory, ordnance awareness, and groundwater use restriction) applicable on Adak? (Yes or No)**

**3. Are you a subsistence fisher?**

- Yes (Complete Section 4E)
- No

**4. General Comments (please check the appropriate box):**

	Yes	No	Comments
<b>A. Residents</b>			
I am aware there is a fish consumption advisory for rock sole and blue mussel in Sweeper Cove and rock sole in Kuluk Bay.	Yes		
I am aware of the land use control/ordnance awareness safety video, have a personal copy or have seen the one at the airport.		no	
I know what to do if I find suspected ordnance materials (do not touch, note location, call 911).	Yes		
I am aware that land use restrictions apply to some areas on Adak.	Yes		
I am aware that digging in some areas on Adak requires Navy approval.		no	
I know that there are some areas I can't dig at all on Adak.	Yes		
I am aware that entry onto the Navy-retained UXO Exclusion Area (Parcel 4) is prohibited.		no	
I am aware of the Navy outreach Adak web site and the toll-free telephone number.	Yes		
I am aware that maps detailing the land use restrictions and ordnance awareness are available.	Yes		
I know that I can't use water from a well or install a well for water in the downtown area.	Yes		

**Institutional Control Education Evaluation**  
Page 2 of 3

<b>B. Teachers</b>		
Is the ordnance awareness DVD being shown and when?		
Are other education activities occurring to make the kids aware of the hazards associated with ordnance? If so, please describe these activities.		
Do you have any recommendations for improving the ordnance awareness program? If so, please describe any suggestions.		
<b>C. School Age Children</b>		
I have seen the ordnance awareness video with Boomer the Otter at my school.	Yes	
I've seen or have some of the ordnance awareness materials (coloring books, tri-color markers, water bottles, book markers, safety cards, etc.).	Yes	
I know not to go under, around, or over fences and gates.	Yes	
<b>D. Visitors</b>		
I am aware and have seen the LUC/Ordnance Awareness safety video shown at the airport.		no
I am aware that entry onto the Navy-retained UXO exclusion Area property (Parcel 4) is prohibited because of the presence of live ordnance.		no
I am aware that maps detailing ordnance awareness and restricted areas on Adak are available.	Yes	
<b>E. Subsistence Fisher</b>		
Do you routinely eat blue mussels? If so, how often? Where do you get them?		no
Do you routinely eat rock sole? If so, how often? Where do you fish for them?		no
Do you routinely eat other fish? If so what fish? Where do you fish for them?		no

5. How would you prefer the Navy provide information to you regarding institutional controls? (check all that apply)

- Community meetings
- Electronic mail
- Internet *no*

**Institutional Control Education Evaluation**  
Page 3 of 3

- Mailings/Fact Sheets
- Informal telephone calls
- Other (please specify) \_\_\_\_\_

6. **Do you have access to the Internet?**

- Yes       No

7. **Do you have any specific suggestions to provide to the Navy regarding how institutional control information is made available on Adak?** *no*

**APPENDIX C**  
**PHOTOGRAPHS**  
**(PROVIDED ON CD)**

**APPENDIX D**  
**MAP DISTRIBUTION LOG**

Date	Name	Sponsor	No. in party	No. of maps	Purpose
1/2/14	TIM BOUCHARD	Com. Birder	4	4	BIRDING HUNTING
	WILLIAM SAHLMA		2	2	
	KEVIN MAIER		4	4	
	FRANK STANTFIELD		2	2	
2/2/14	MATT STEWART	Family	1	1	
	LUKE STONE		2	2	
	KRISTOPHER SMITH		2	1	
	TOM PARCETER		4	2	
3/9/14	STEFAN MILKOWSKI		5	5	
3/10/14	SUE WILTEE		2	1	
5/4/14	LANCE CHADWICK		2	2	
5/23/14	JUSTIN DOWN		5	4	
	STEPHAN ARBE		1	1	
5/30/14	KURT CLASSEN		4	4	
6/16/14	THOMAS SCAM		6	6	
	JOSÉ JIMENEZ		1	1	HIKING
	ALEXANDRA ZIESER		4	4	
6/24/14	DAVID PASTWIKOWSKI		5	5	
6/25/14	JAMES TAYLOR		1	1	HUNTING
	STEVE NELZEN		2	1	HUNTING
	NICOLAS SPANTOR		1	1	HUNTING
6/26/14	TOULER CHUBB		1	1	
6/29/14	ALAN + CARMAN P		2	1	CAMPING
7/13/14	NENAD JAVE		2	1	HUNTING
7/23/14	MARIL JAMES		1	1	HUNTING
8/3/14	SHAWN NARREN		1	1	HUNTING
8/7/14	JACOB COLLINS		1	1	HUNTING
8/10/14	SAMUEL PAMU		5	5	HUNTING
8/11/14	COLE TANNER		1	1	HUNTING
	JUSTIN G.		2	2	HUNTING
8/17/14	WILLIAM KIMBLE		2	1	HUNTING
	ADAM EDGERTON		4	4	

Please fax completed sheet to:

The Aleut Corporation: (907) 563-4328  
Aleut Enterprise LLC: (907) 562-8208

US Navy: (360) 396-0857  
USFWS: (907) 235-7783



**APPENDIX E**  
**AIRPORT UXO DVD RUN LOG**



















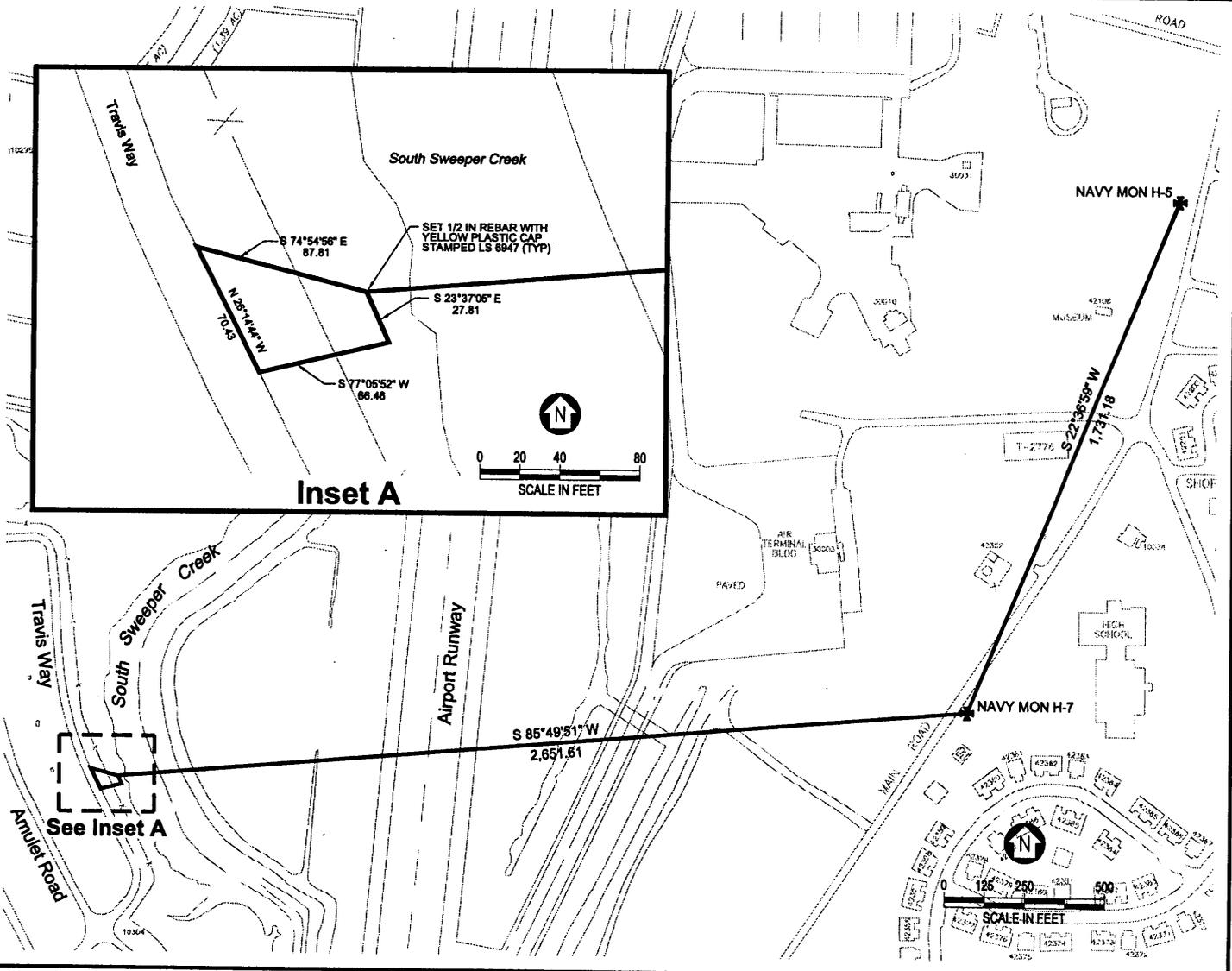
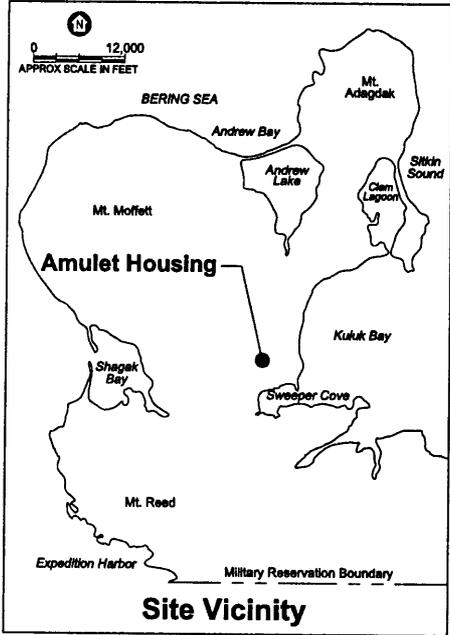








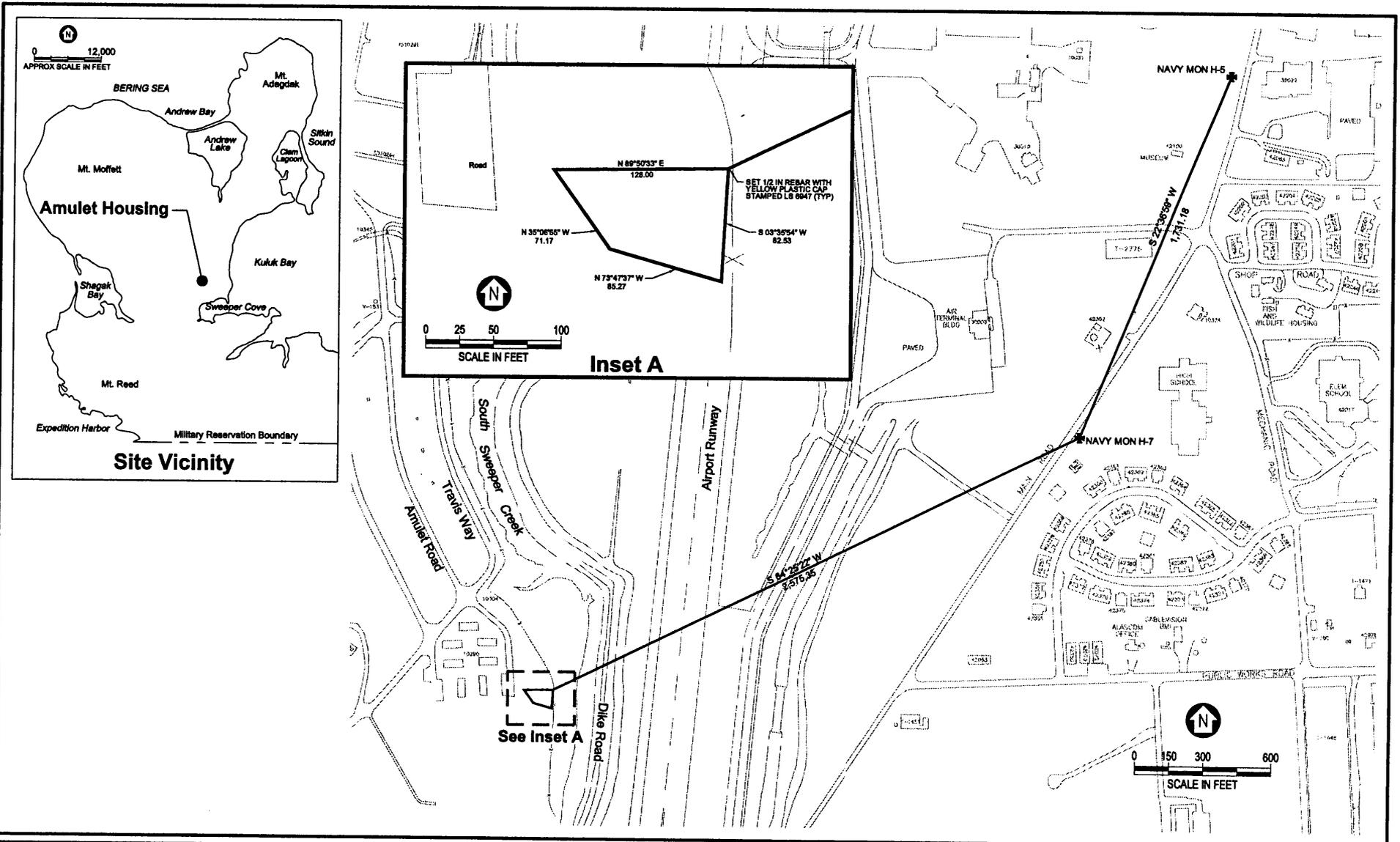
**APPENDIX F**  
**INSTITUTIONAL CONTROL SITE BOUNDARY MAPS**  
**(PROVIDED ON CD)**



Scale as Shown

**Amulet Housing  
Well AMW-706 Area**

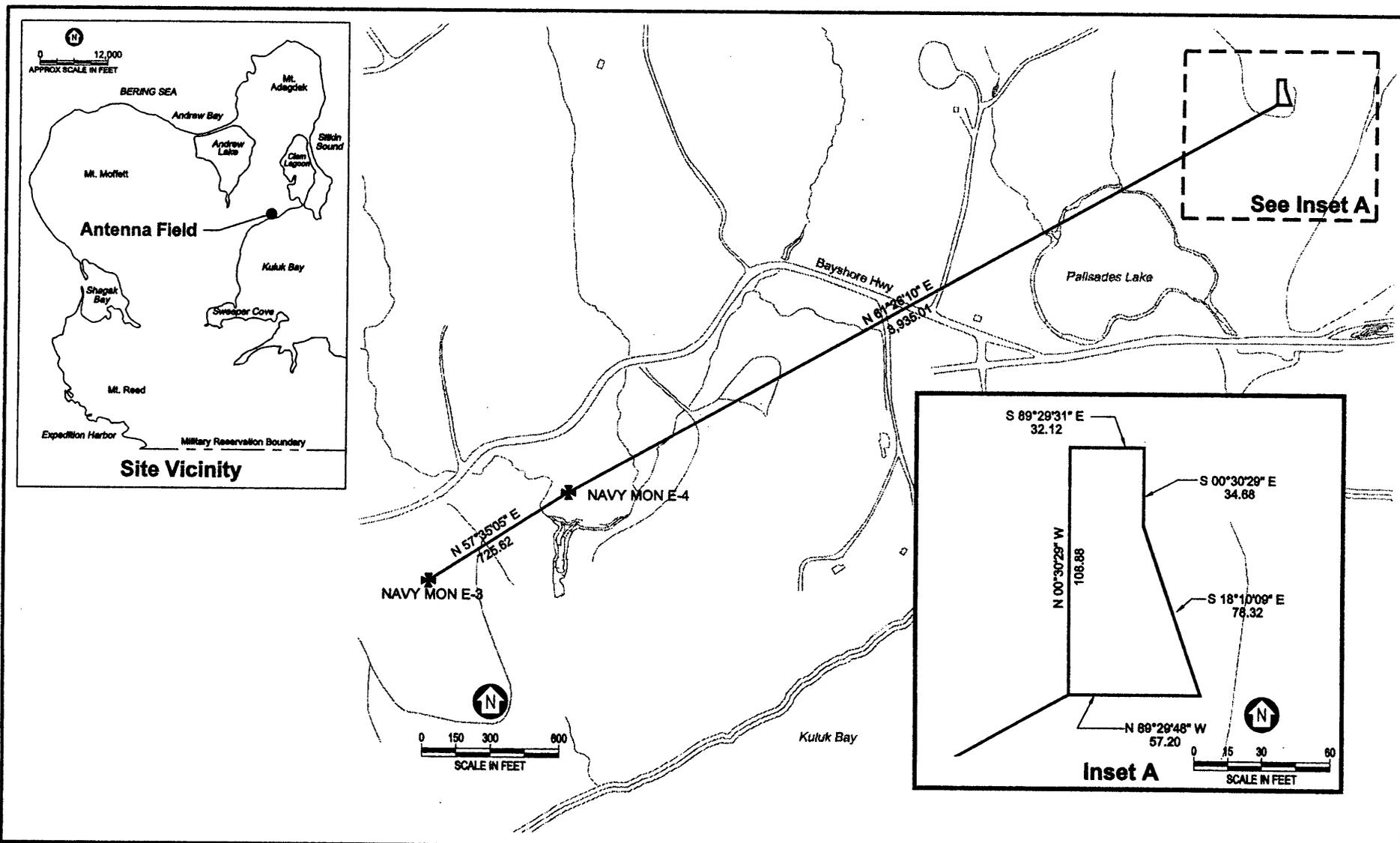
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-32



Scale as Shown

**Amulet Housing  
Well AMW-709 Area**

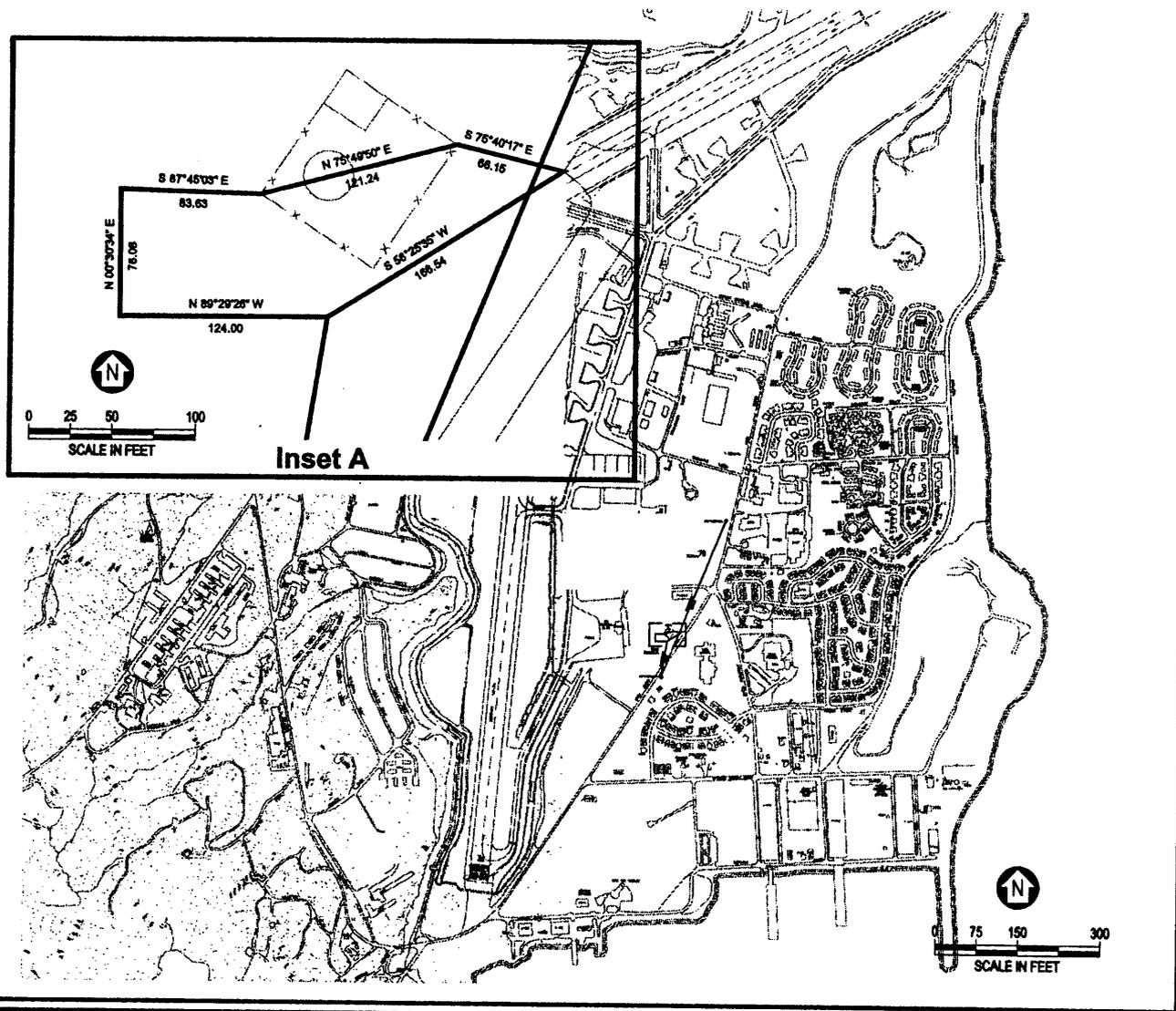
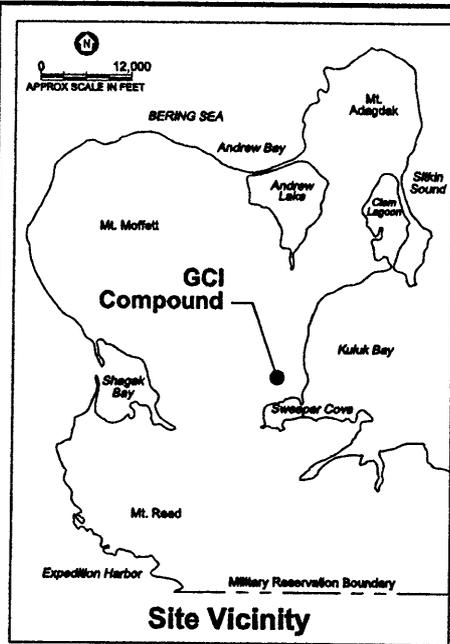
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-33



Scale as Shown

**Antenna Field  
(USTs ANT-1, ANT-2, ANT-3, and ANT-4)**

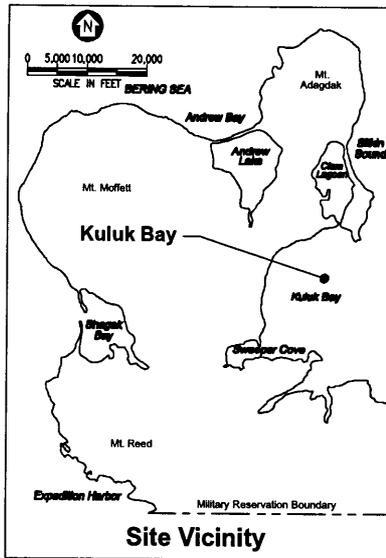
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-18



Scale as Shown

**GCI Compound,  
UST GCI-1**

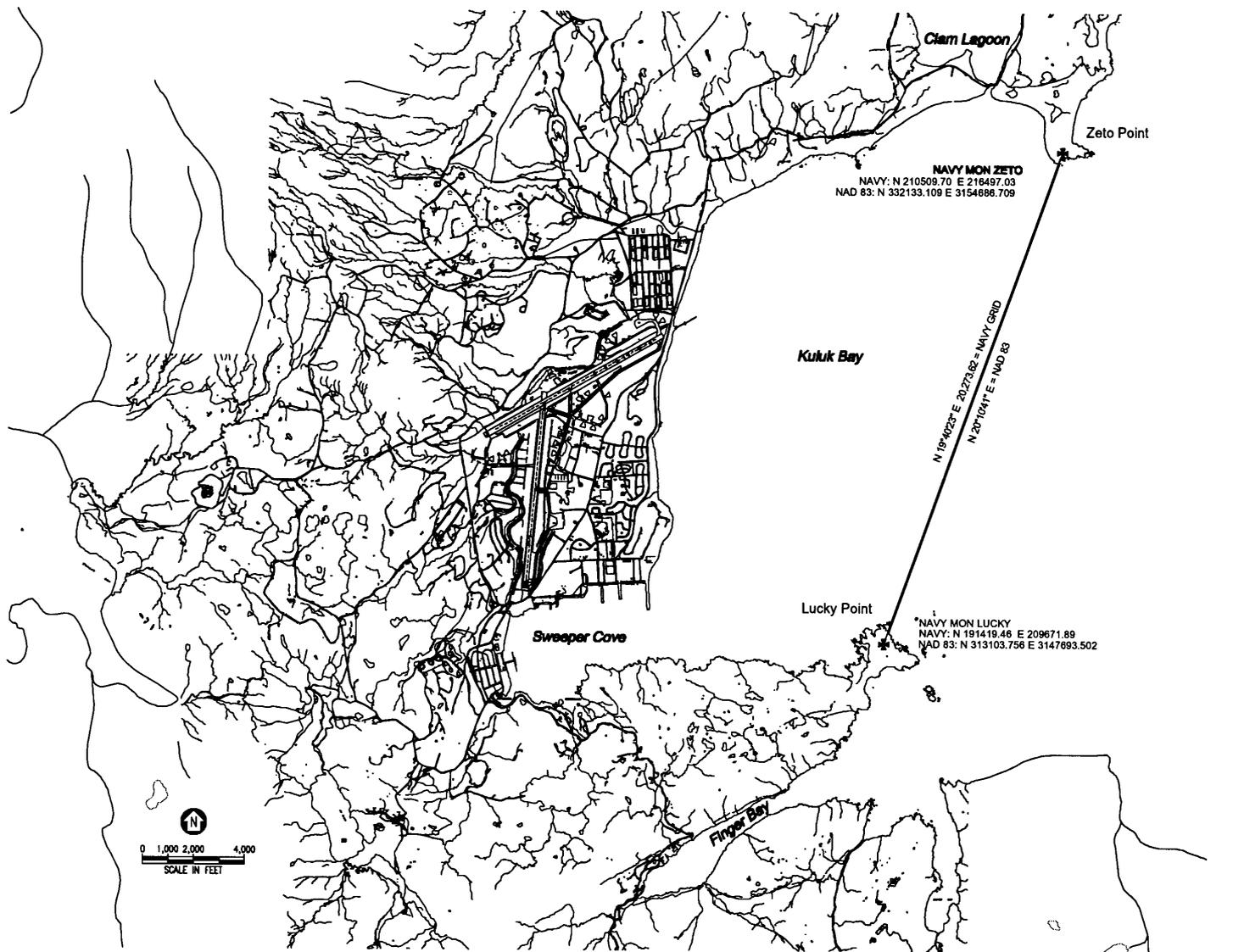
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-22



**Site Vicinity**

**KULUK BAY DESCRIPTION**

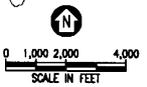
Coordinates and bearings for this site were generated from URS CAD coverages modified in 2000. This site was not field surveyed.



**NAVY MON ZETO**  
 NAVY: N 210509.70 E 216497.03  
 NAD 83: N 332133.109 E 3154686.709

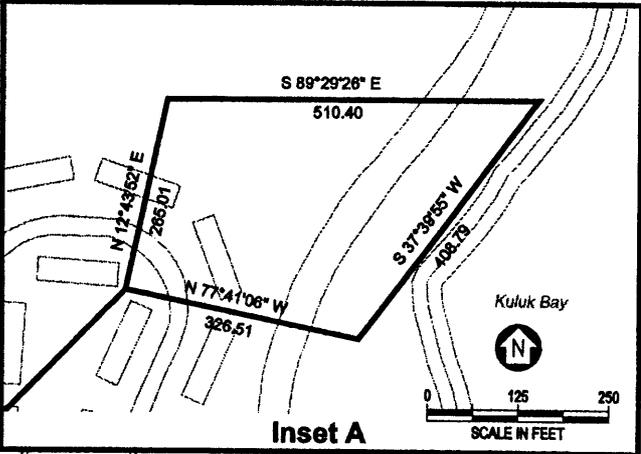
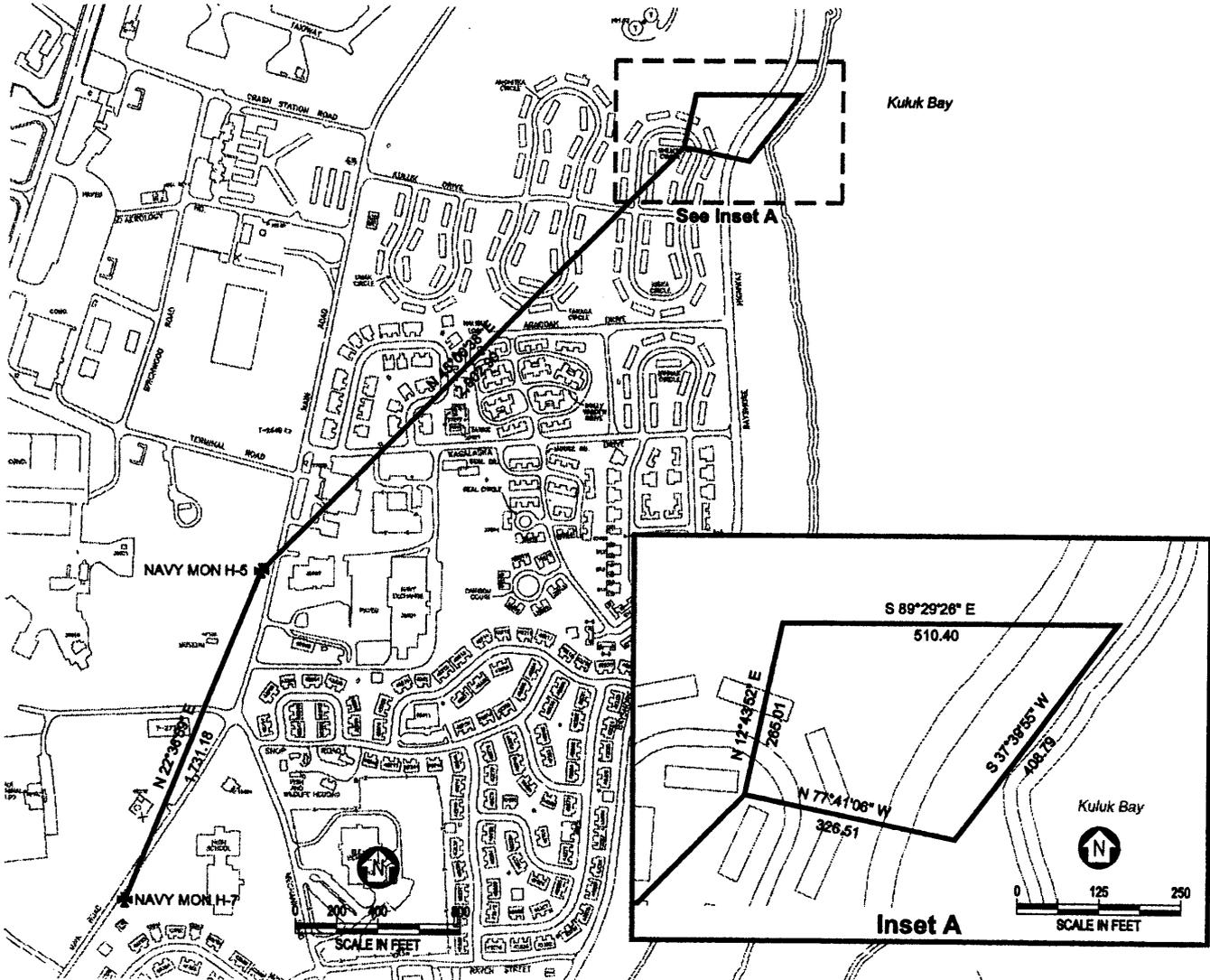
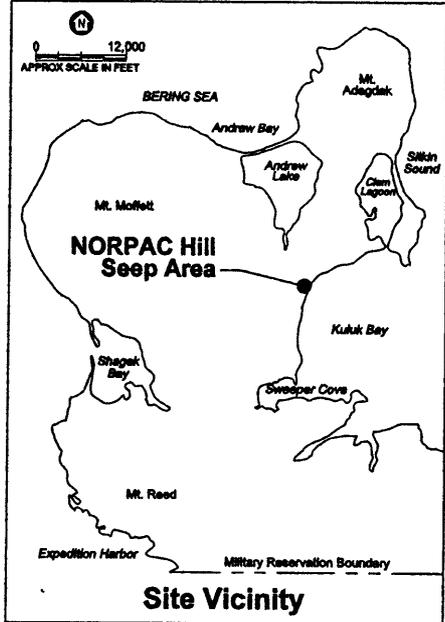
N 19°40'23" E 20273.82 = NAVY GRID  
 N 20°1'04" E = NAD 83

**NAVY MON LUCKY**  
 NAVY: N 191419.46 E 209671.89  
 NAD 83: N 313103.756 E 3147693.502



<p><b>CLEAN</b>          COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY</p>	<p>Adak Island, AK          IC SITE SURVEY</p>	<p>Scale as Shown</p>	<p><b>Kuluk Bay</b></p>
--	--	-----------------------	-------------------------

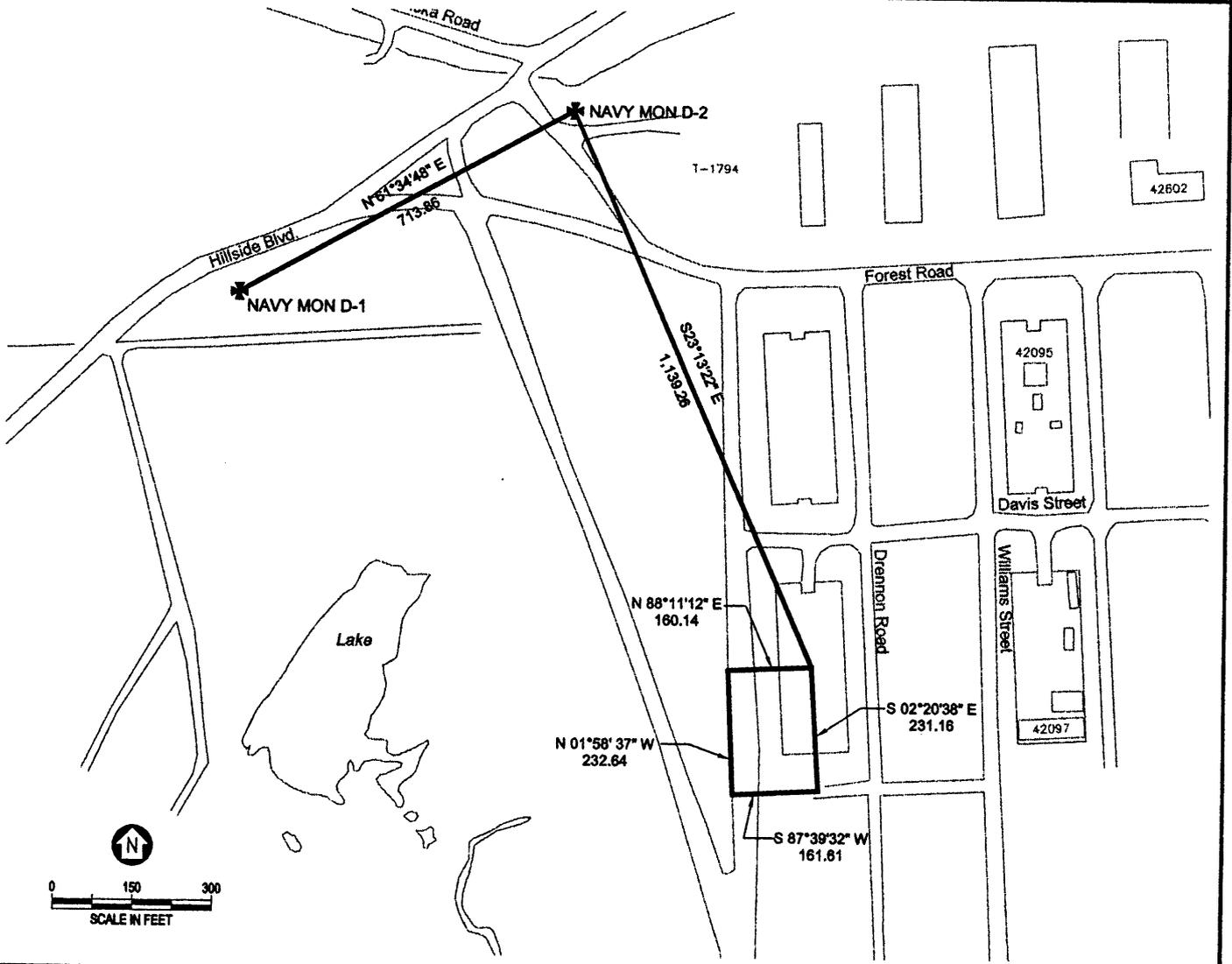
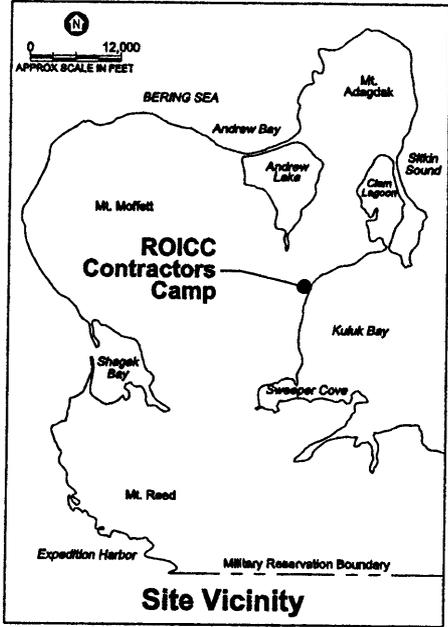
FILENAME: T:\ADAK\CH0004\Sub-Terr\Site Surveys\Kuluk Bay.dwg  
 EDIT DATE: 12/11/00 AT: 08:58



Scale as Shown

**NORPAC Hill  
Seep Area**

Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-24

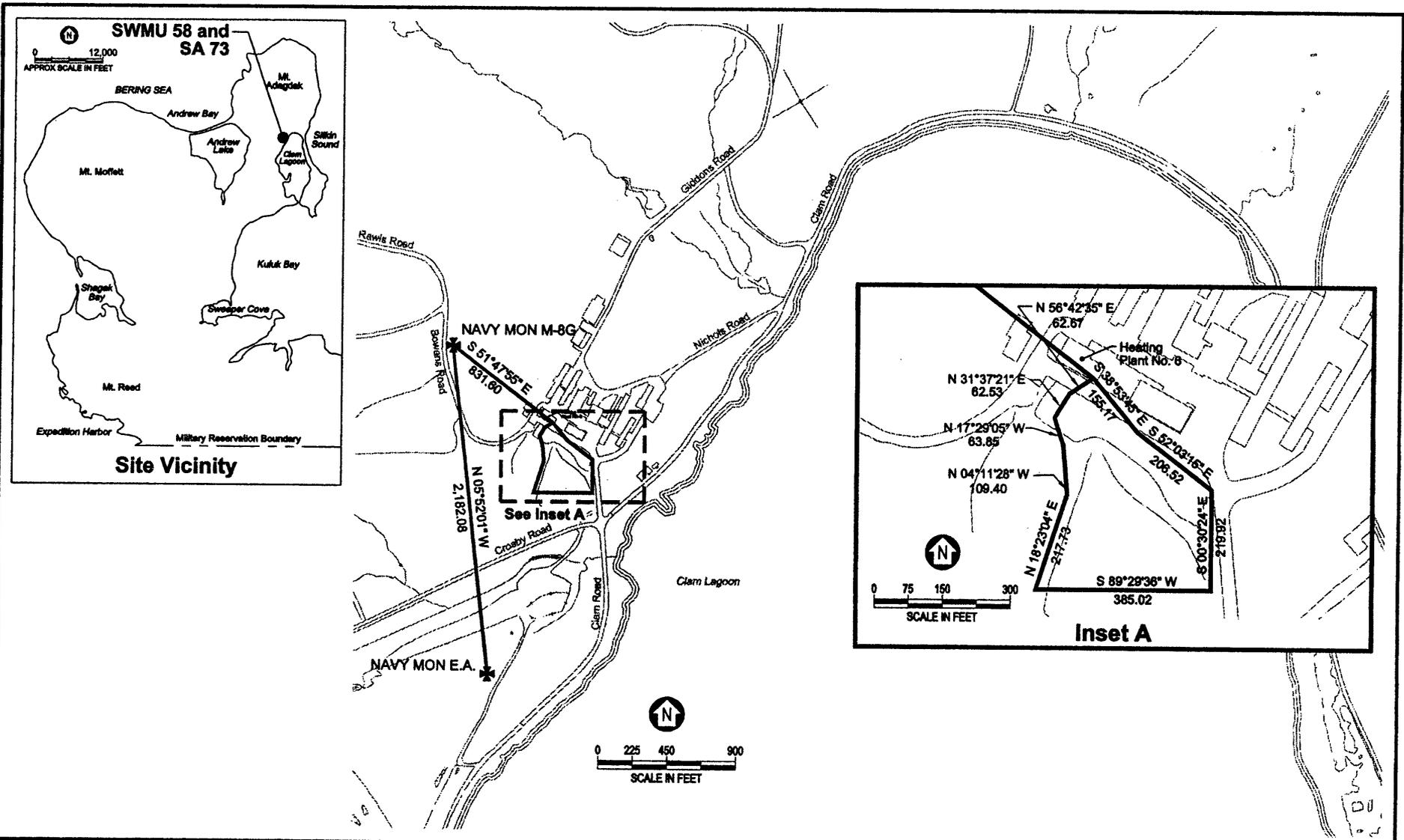


Scale as Shown

**ROICC Contractors Area,  
(UST ROICC-8)**

Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-20

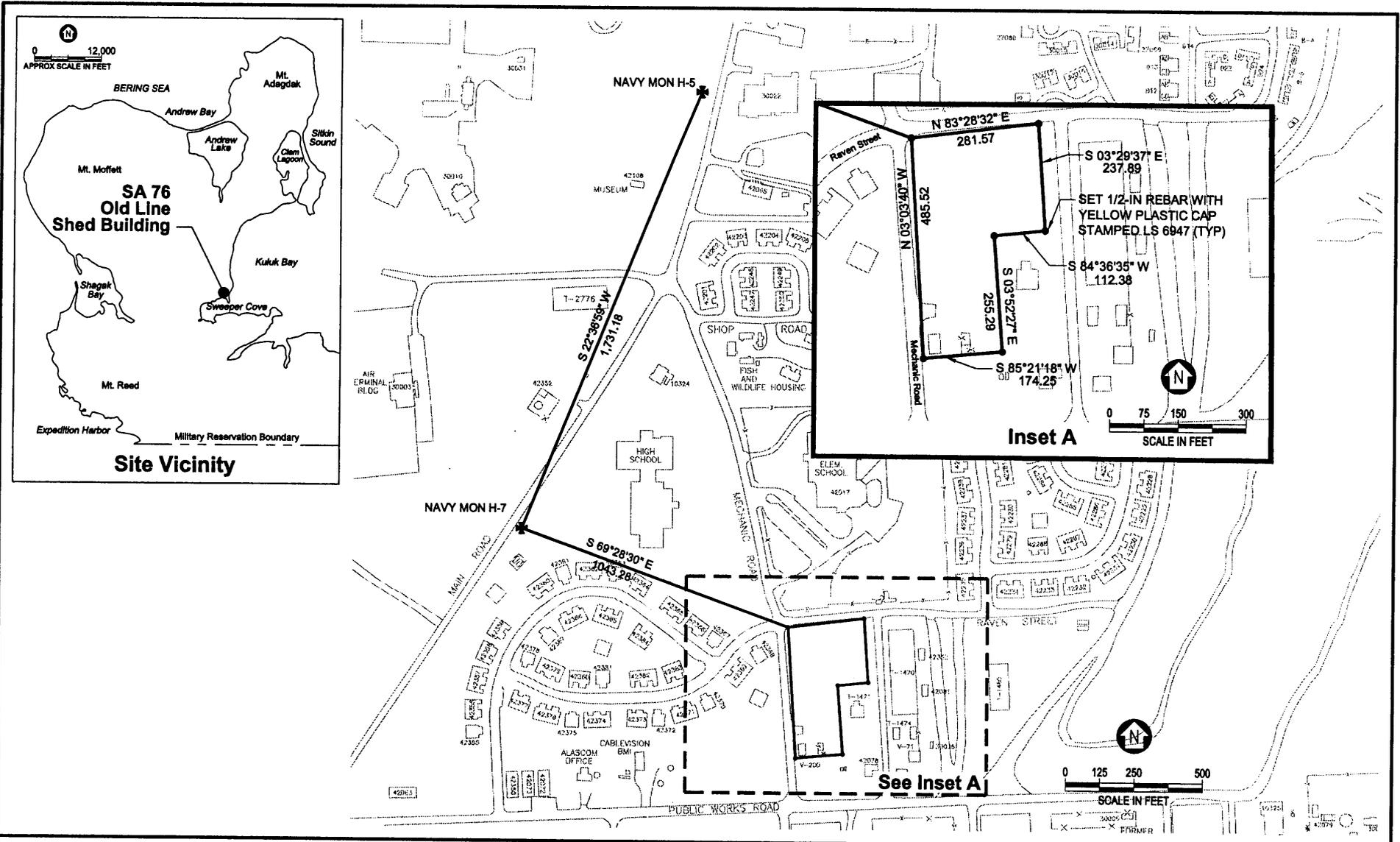




Scale as Shown

**SA 73/SWMU 58  
Heating Plant No. 6**

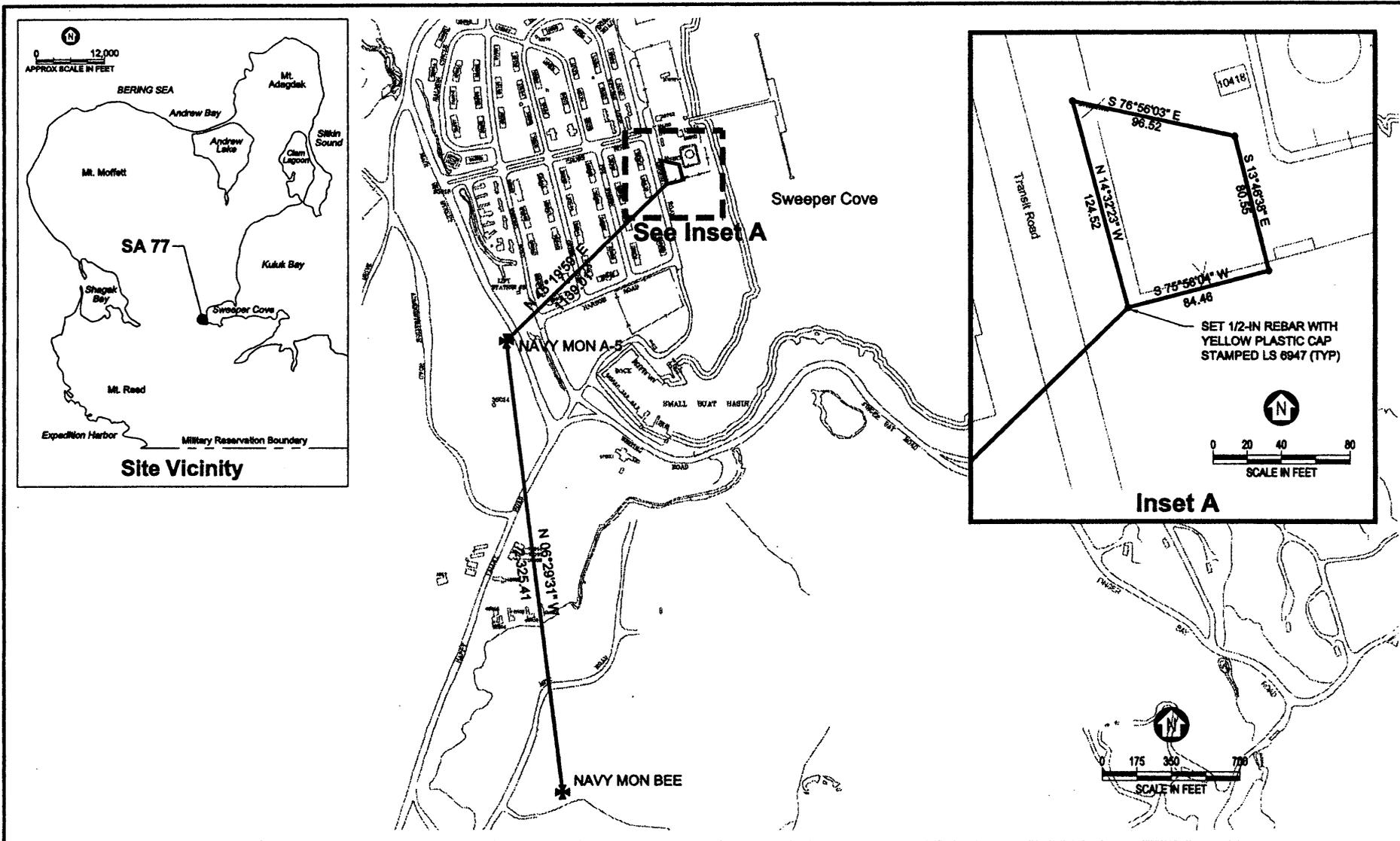
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-12



Scale as Shown

**SA 76,  
Old Line Shed Building**

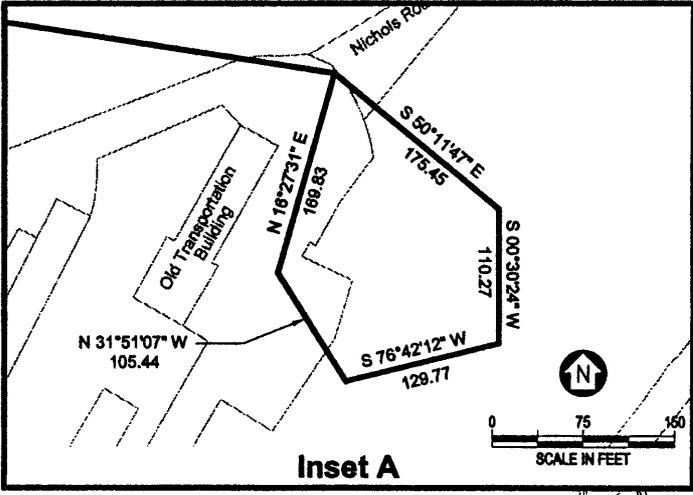
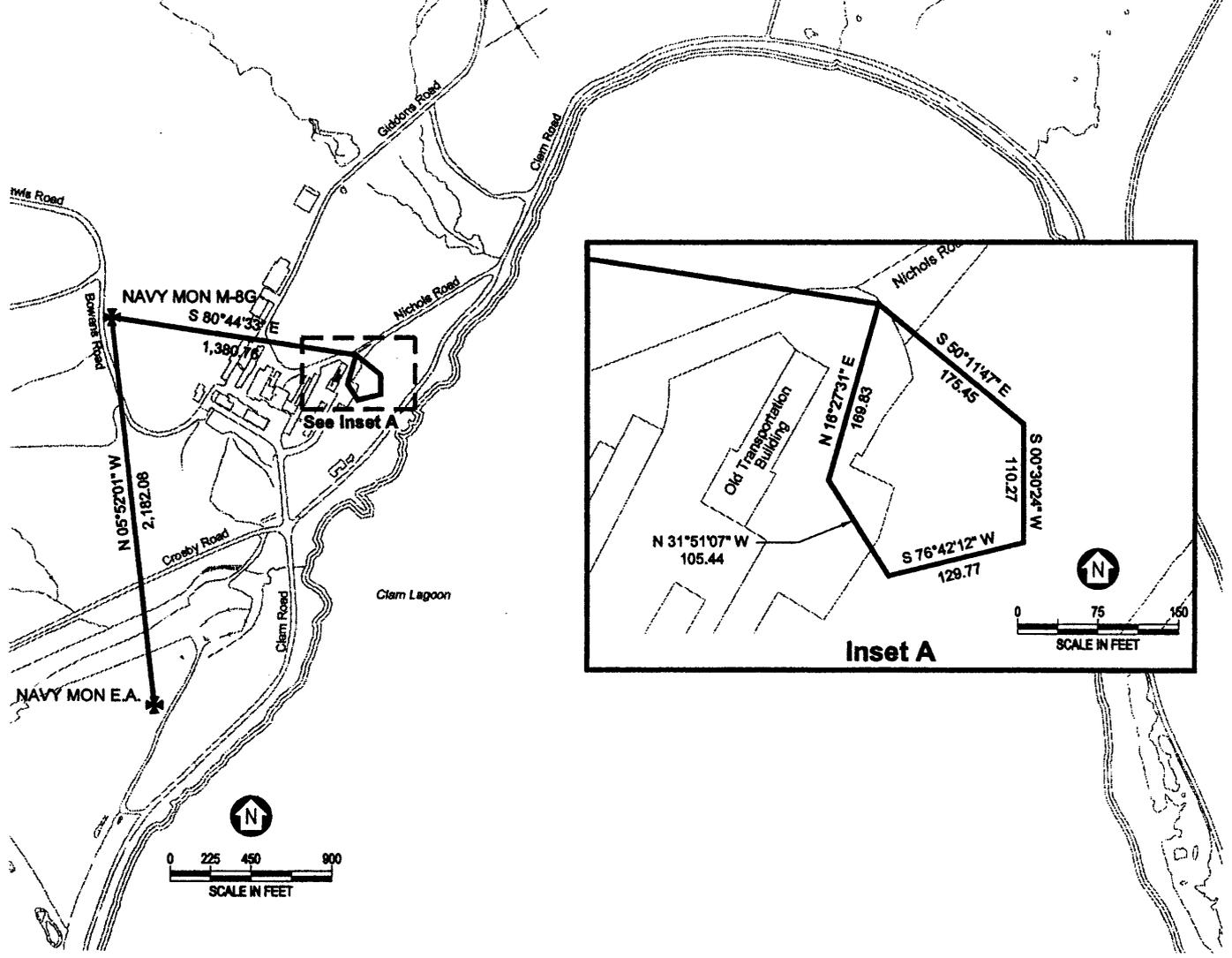
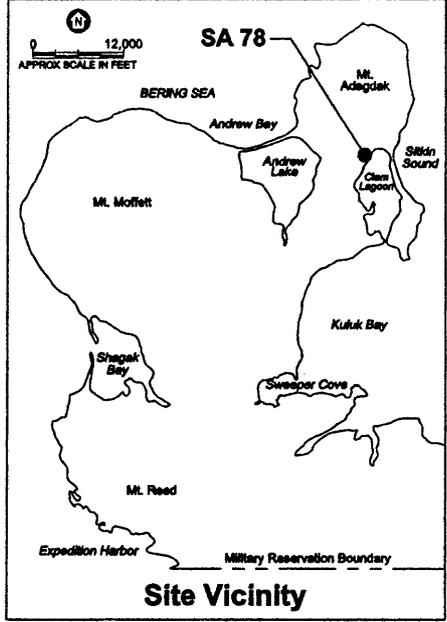
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-31



Scale as Shown

**SA 77,  
Fuels Facility Refueling Dock  
Small Drum Storage Area**

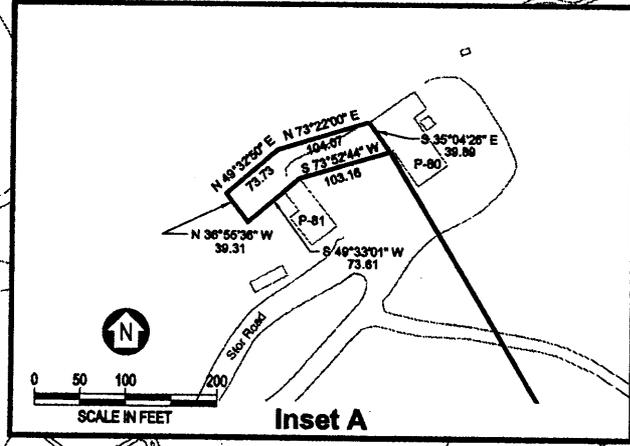
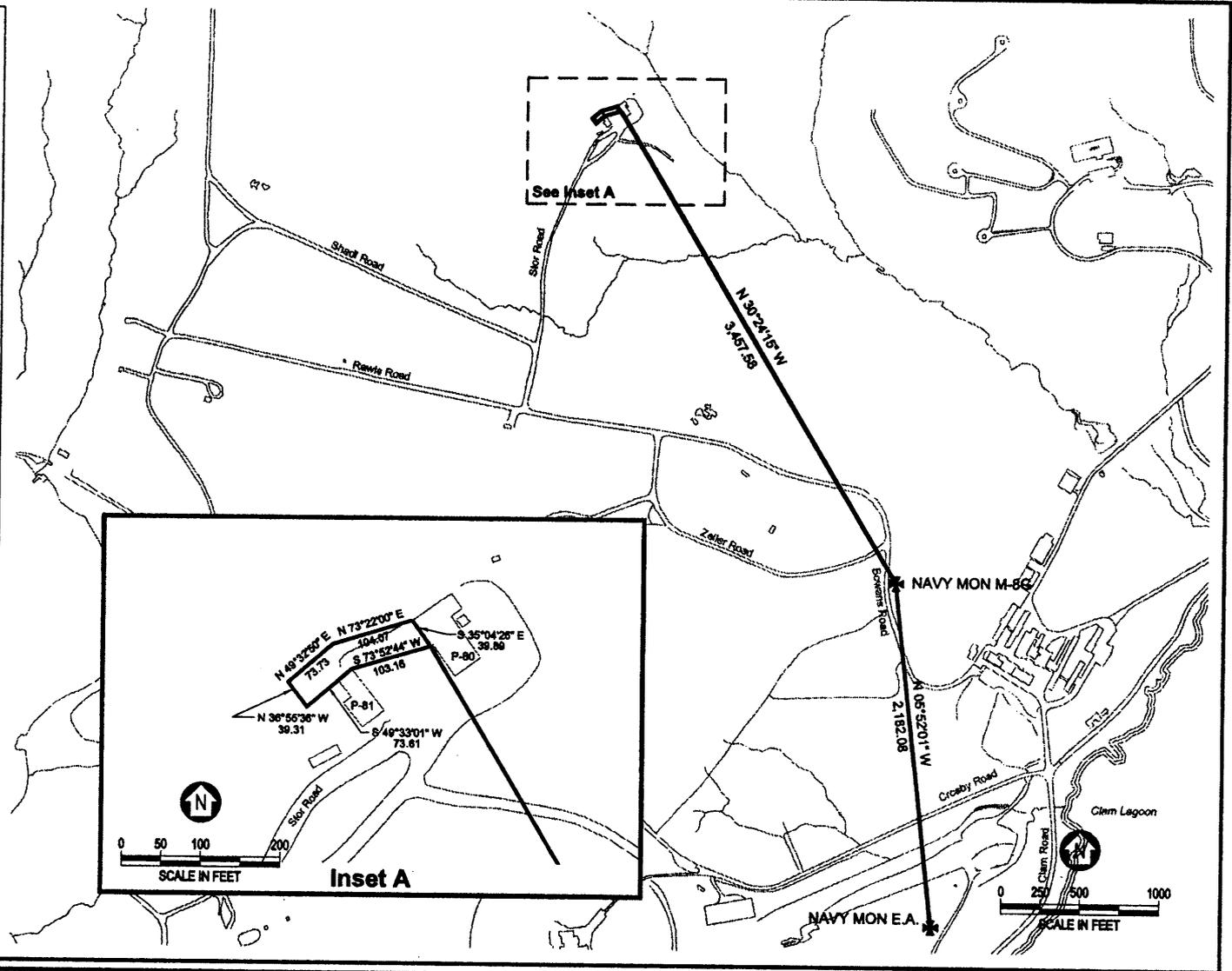
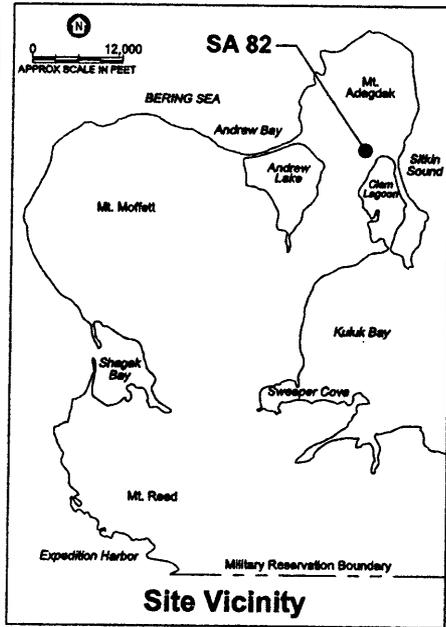
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-13



Scale as Shown

**SA 78,  
Old Transportation Building  
USTs 10583, 10584, and ASTs**

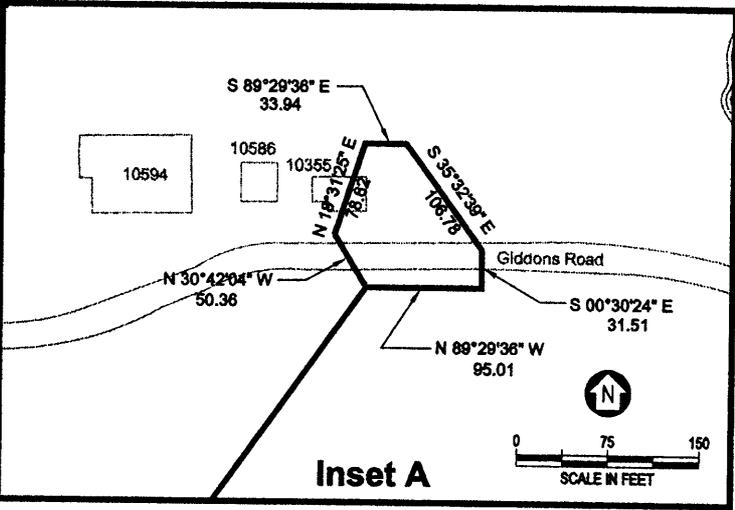
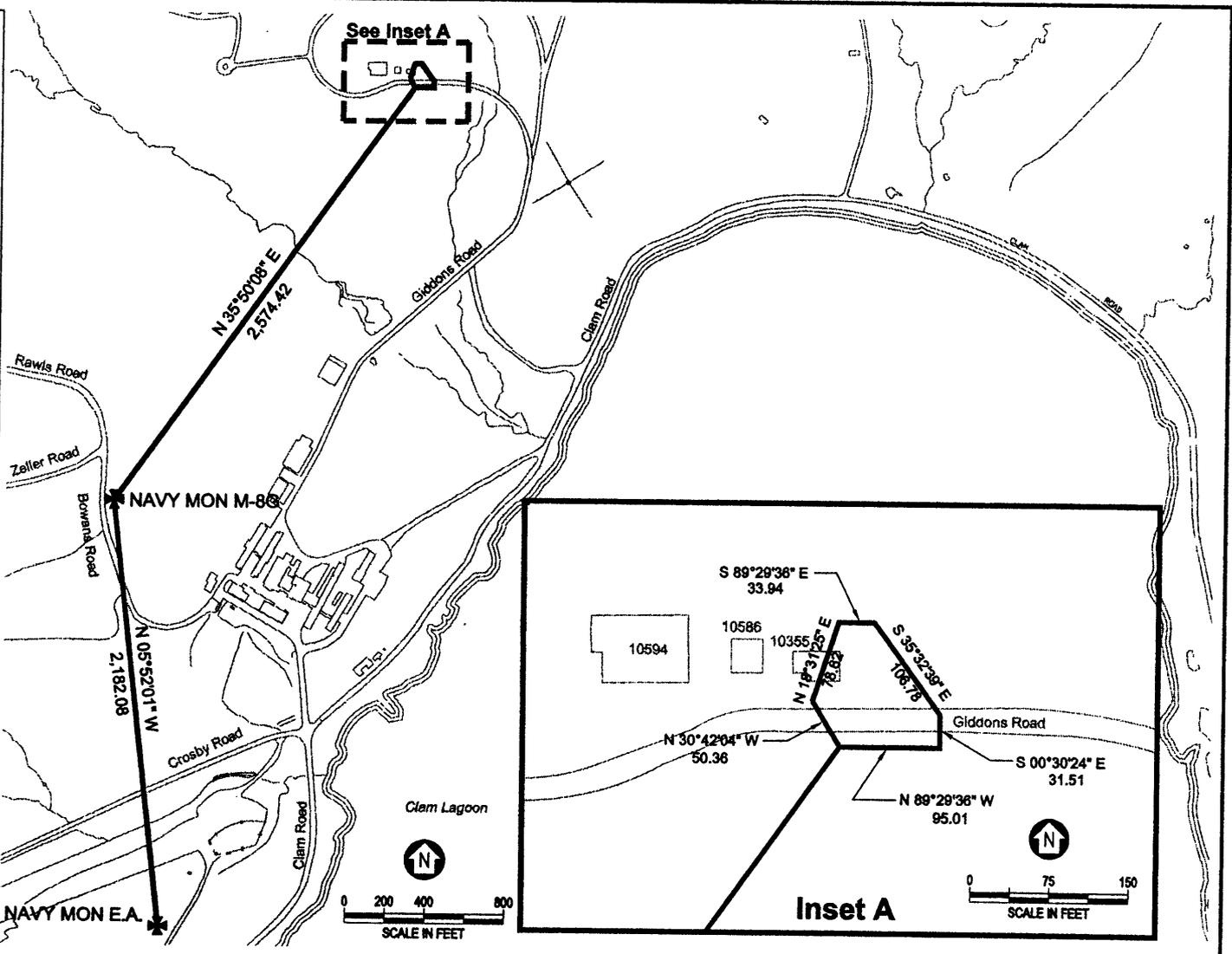
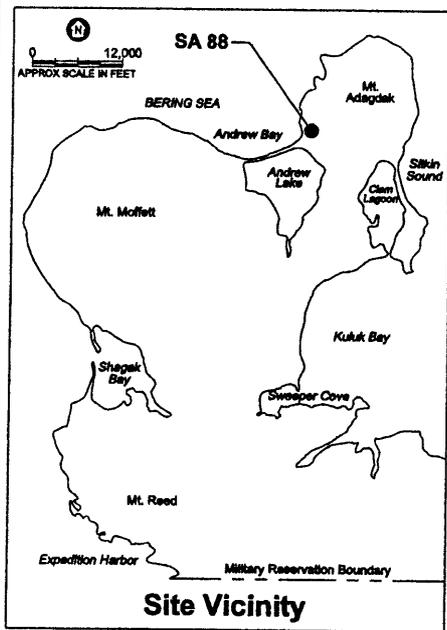
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-14



Scale as Shown

**SA 82, P-80/P-81 Buildings  
USTs 10579, 10587, and ASTs**

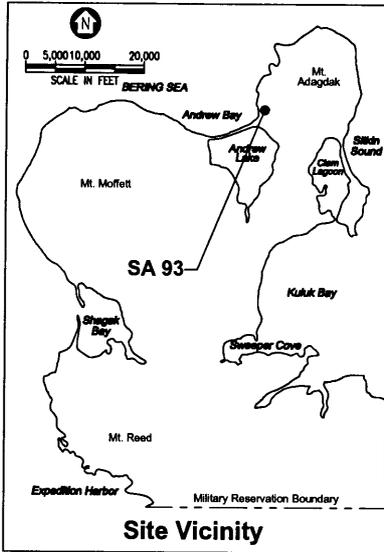
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-16



Scale as Shown

**SA 88, P-70 Energy Generator  
UST 10578**

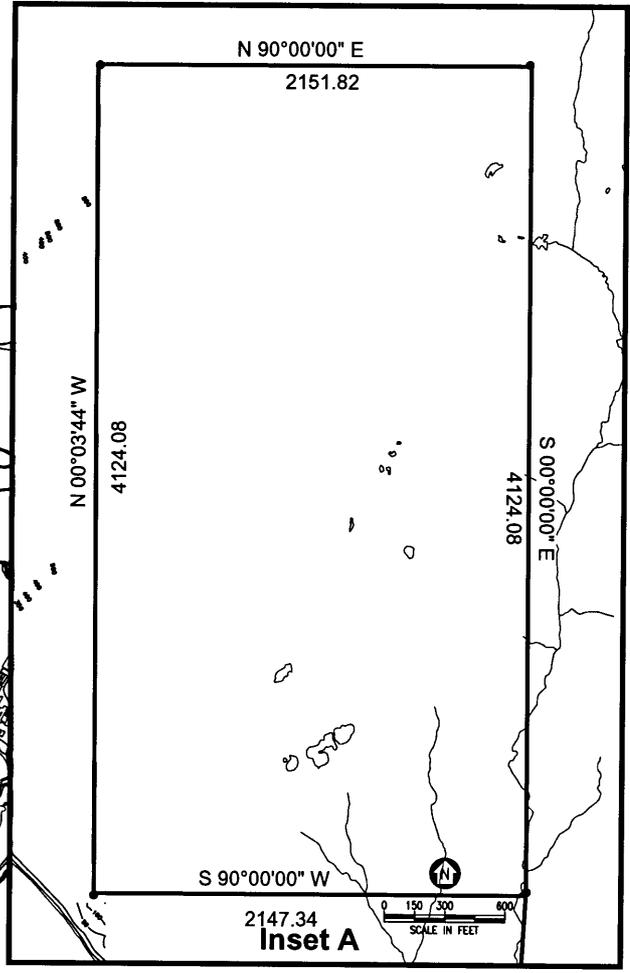
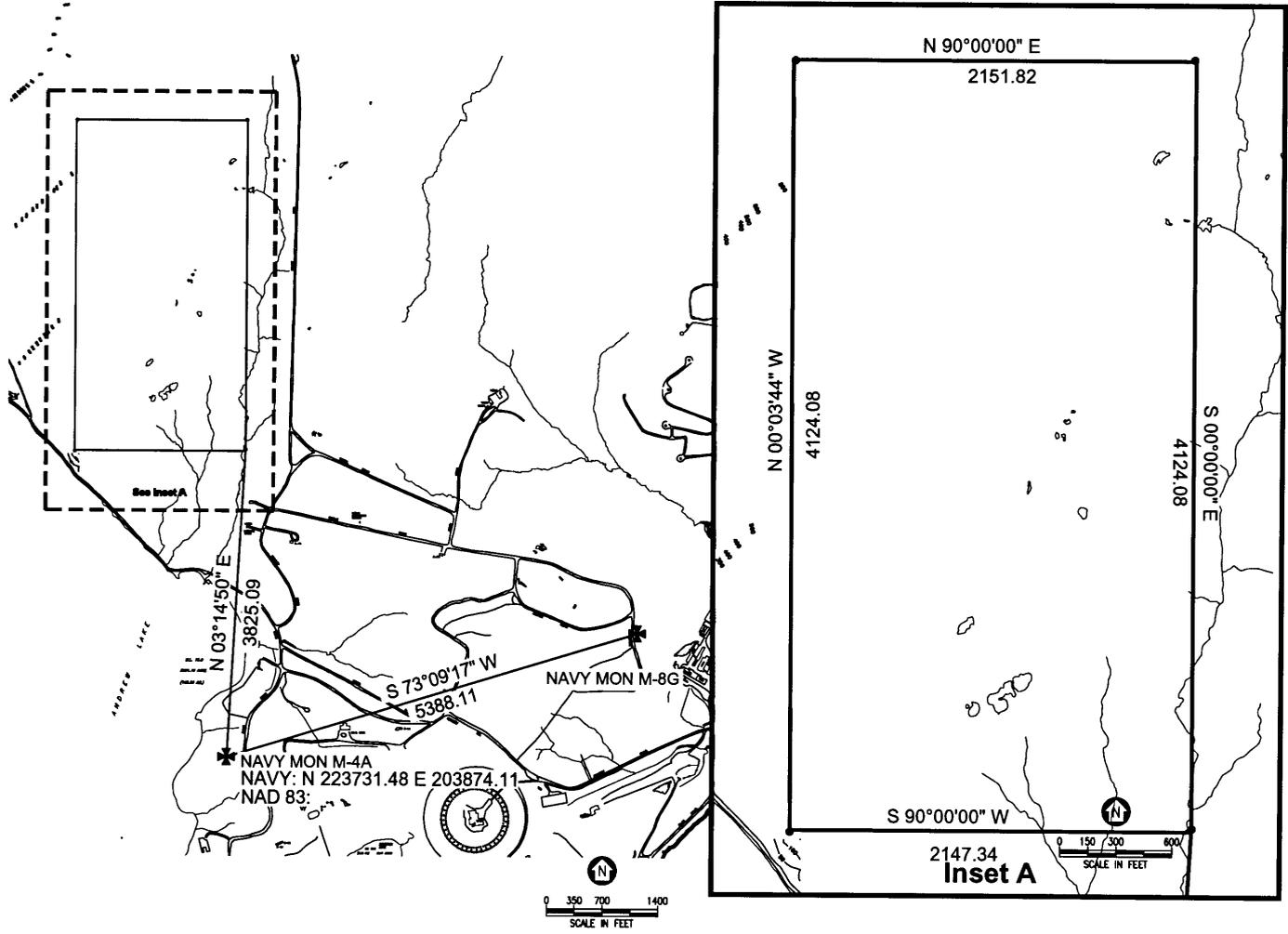
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-17



**Site Vicinity**

**SA 93 DESCRIPTION**

Coordinates and bearings for this site were generated from URS CAD coverages modified in 2000. This site was not field surveyed.

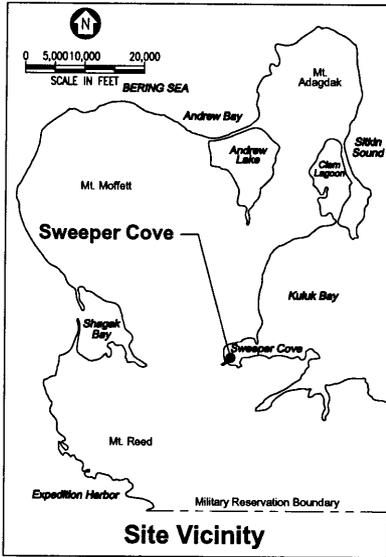


**Inset A**

REVISION: 1. VADWA C-2004(A) S-1-10-01 Site Survey SA 93.dwg  
 EDIT DATE: 01/19/01  
 BY: BSC

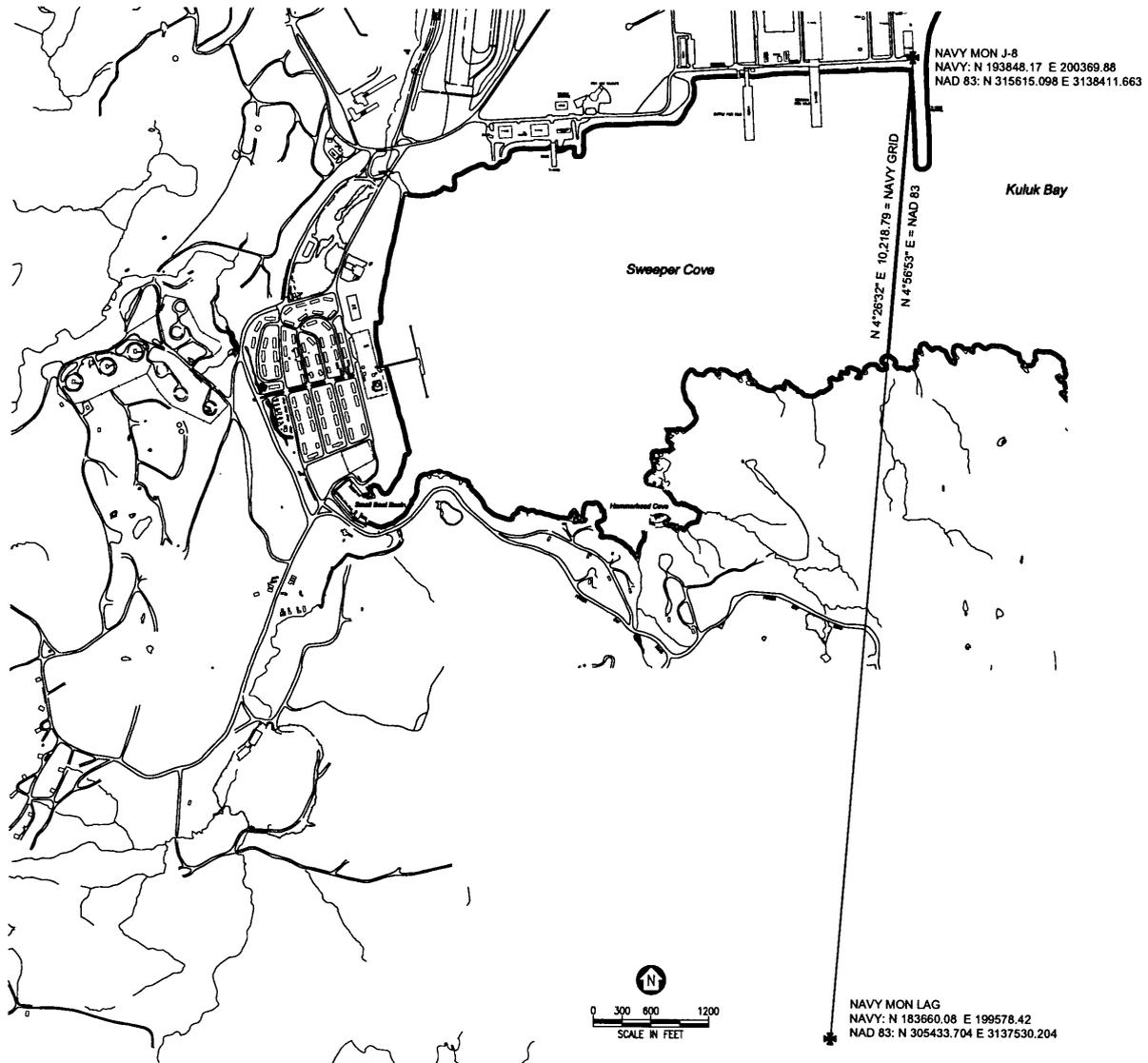
**DRAFT**

<p><b>CLEAN</b>          COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY</p>	<p>Adak Island, AK          IC SITE SURVEY</p>	<p>Scale as Shown</p>	<p><b>SA 93</b>          WW II Mortar Impact Area</p>
--	--	-----------------------	---



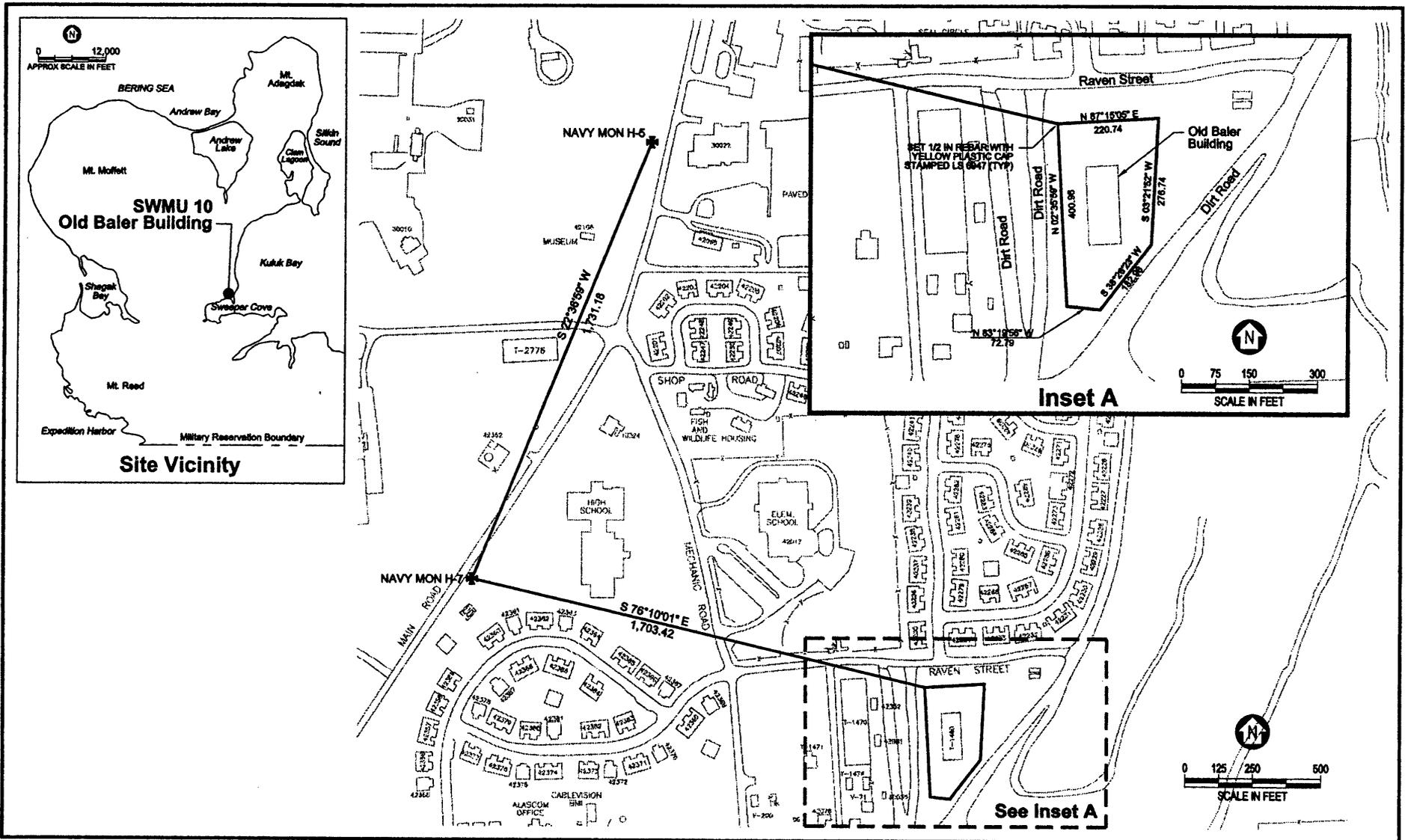
**SWEEPER COVE DESCRIPTION**

Coordinates and bearings for this site were generated from URS CAD coverages modified in 2000. This site was not field surveyed.



<p><b>CLEAN</b> COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY</p>	<p>Adak Island, AK IC SITE SURVEY</p>	<p>Scale as Shown</p>	<p><b>Sweeper Cove</b></p>
---	---	-----------------------	----------------------------

FILENAME: F:\ADAK\C28204\Sub-Total\Site Surveys\Sweeper Cove.dwg  
EDIT DATE: 12/11/00  
AT: 09:04

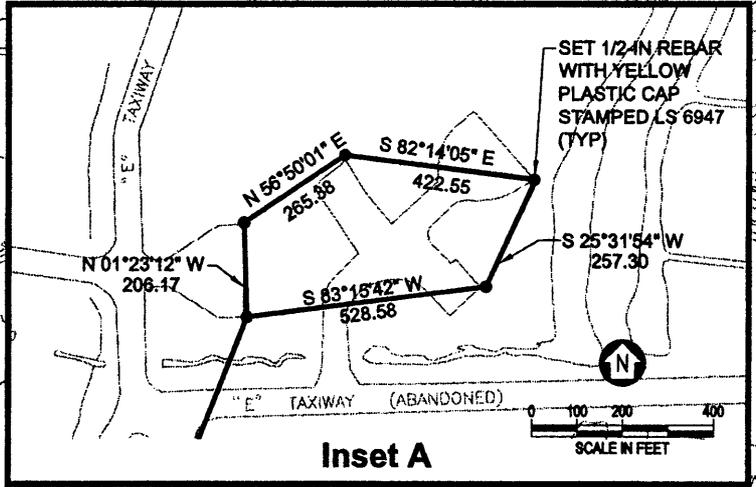
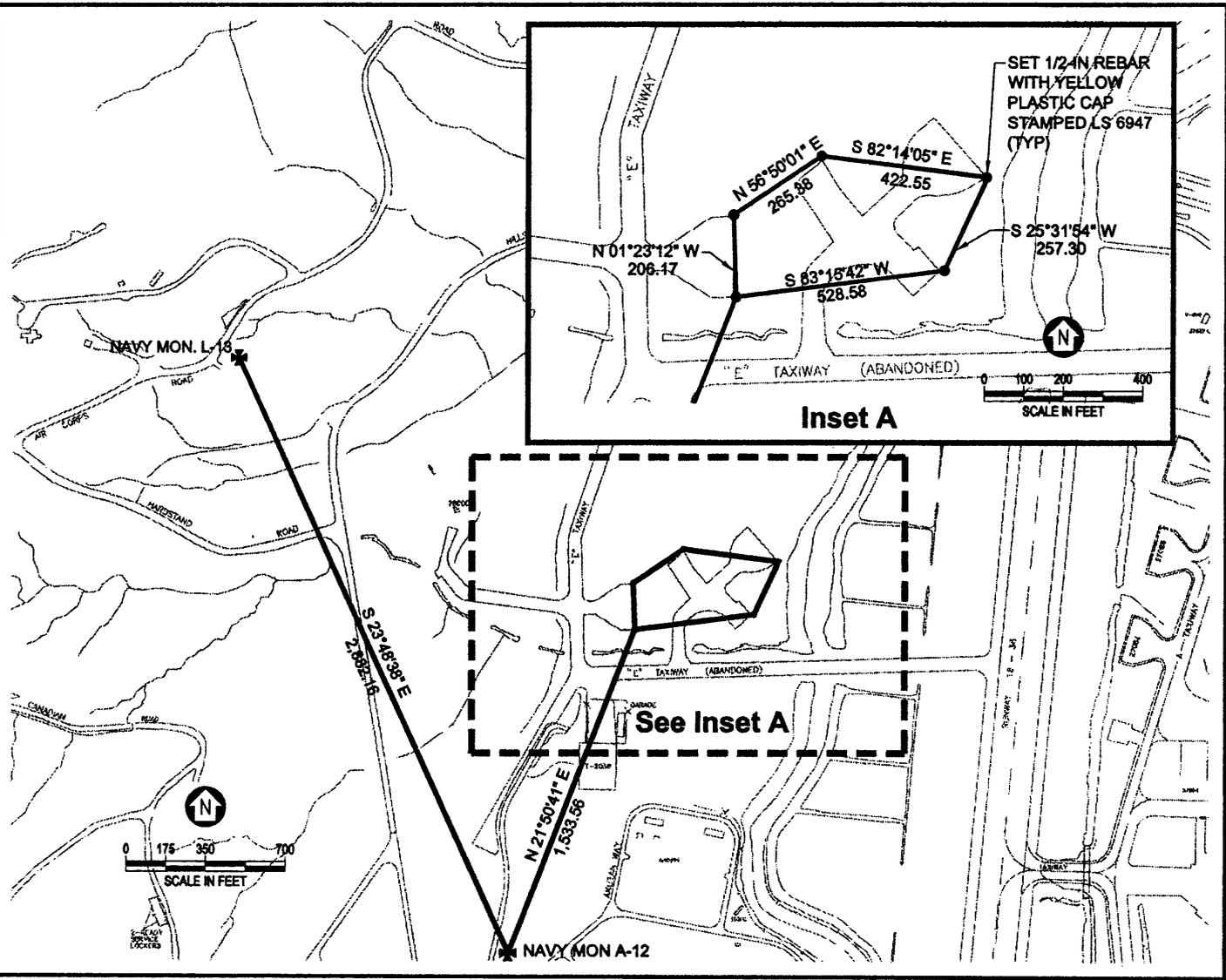
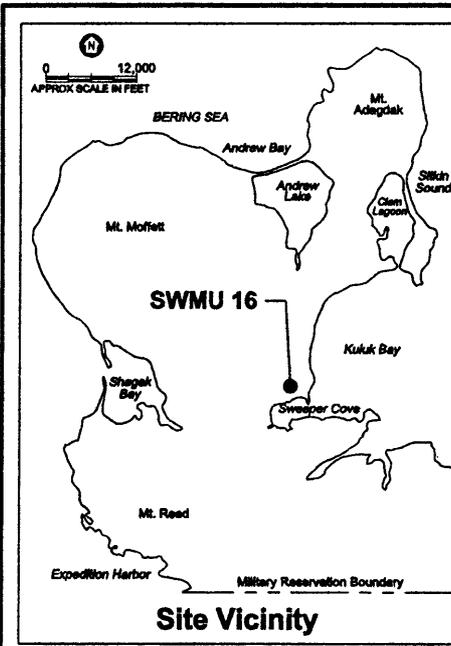


Scale as Shown

**SWMU 10,  
Old Baler Building**

Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-2

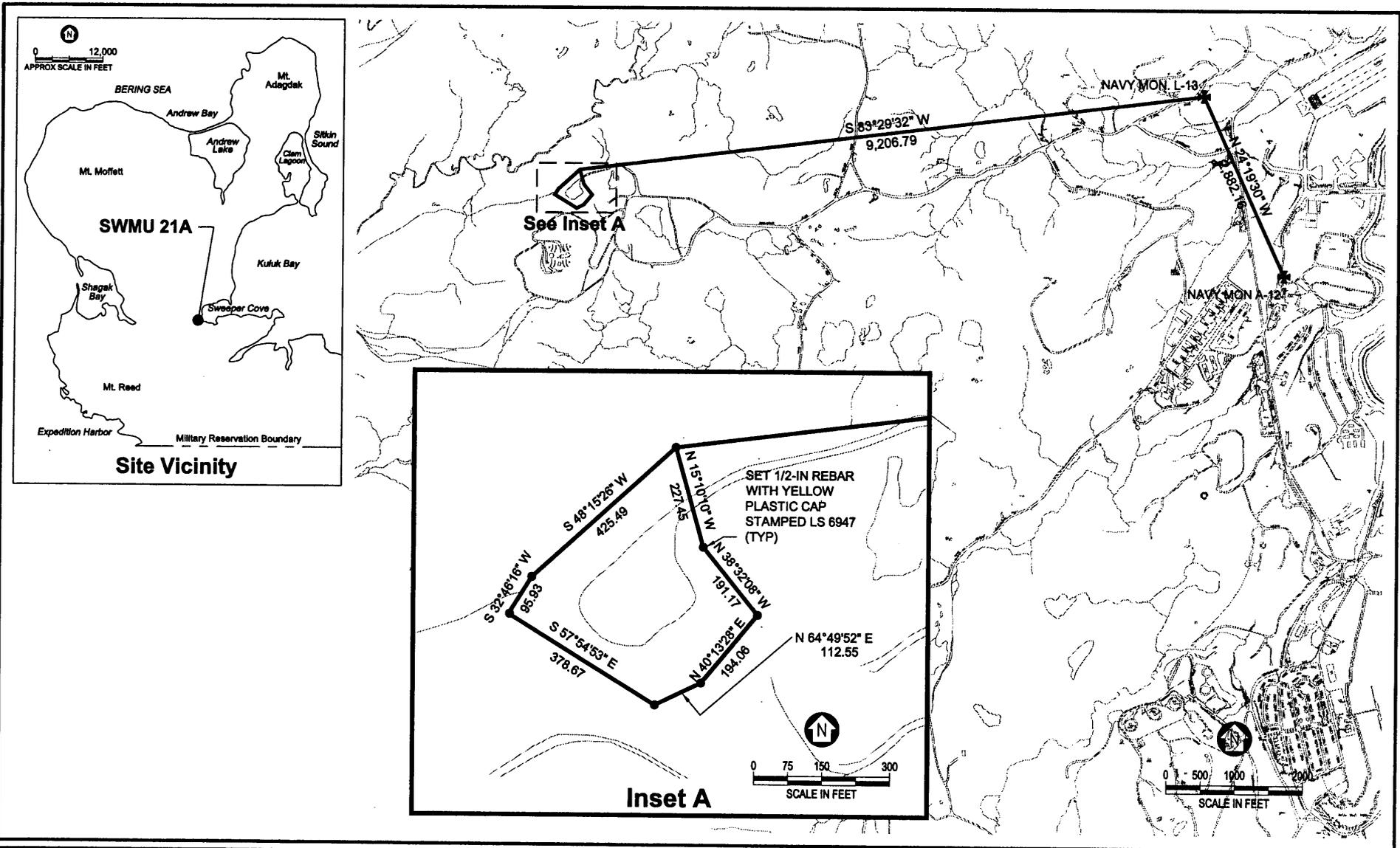




Scale as Shown

**SWMU 16,  
Former Firefighting Training Area**

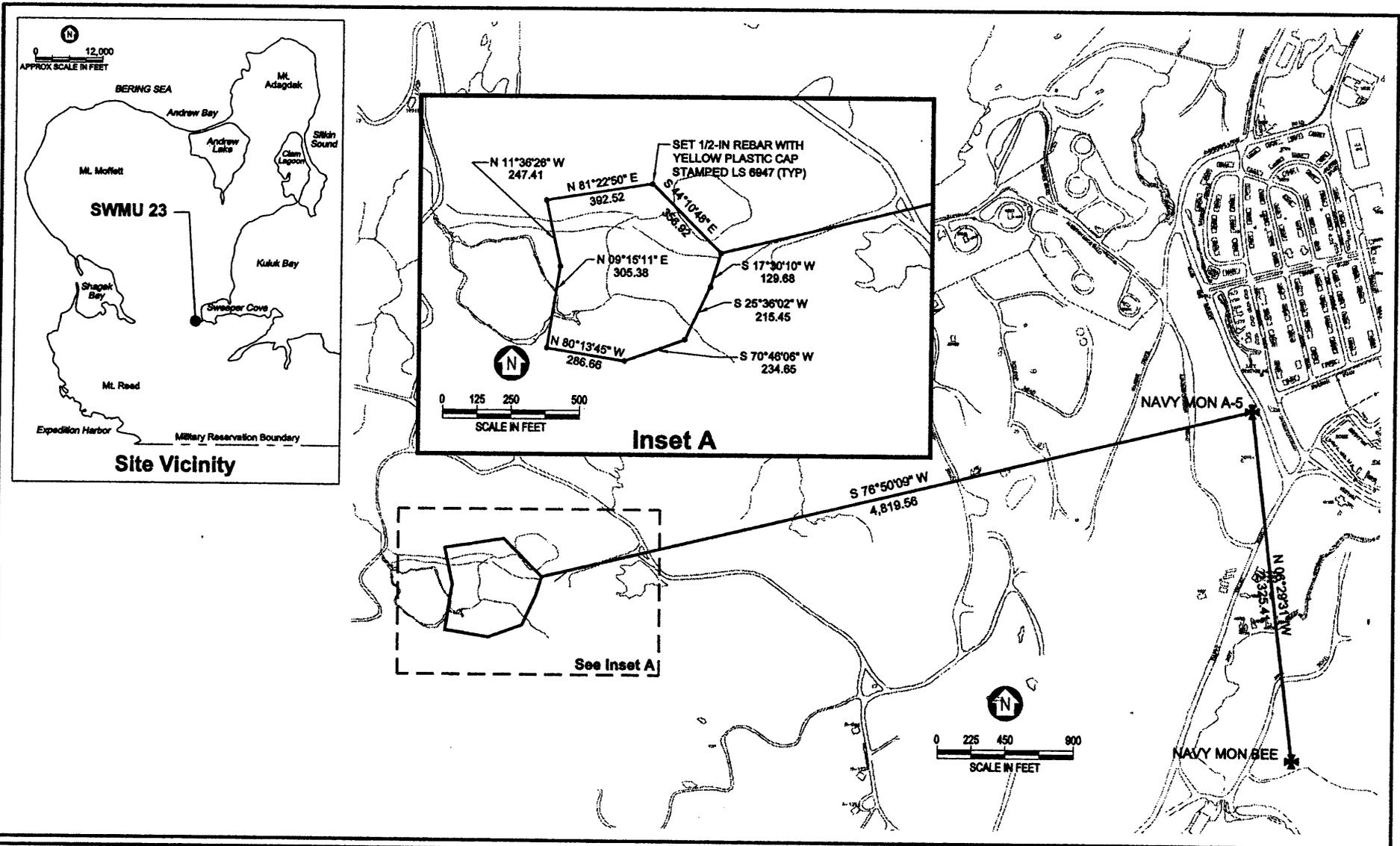
Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-5



Scale as Shown

**SWMU 21A,  
White Alice Upper Quarry**

Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-40

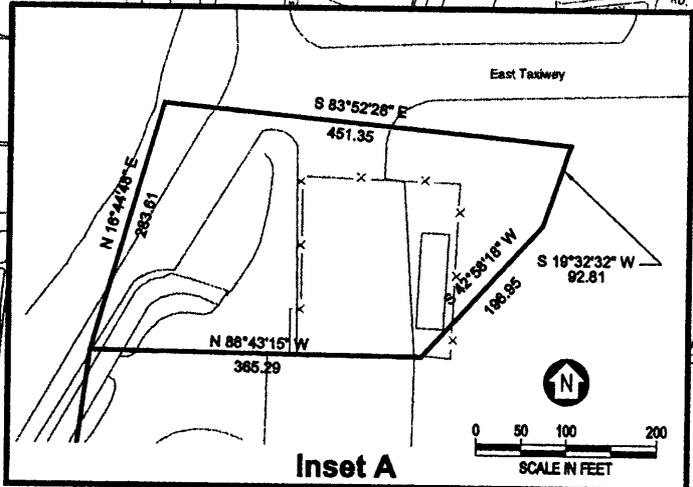
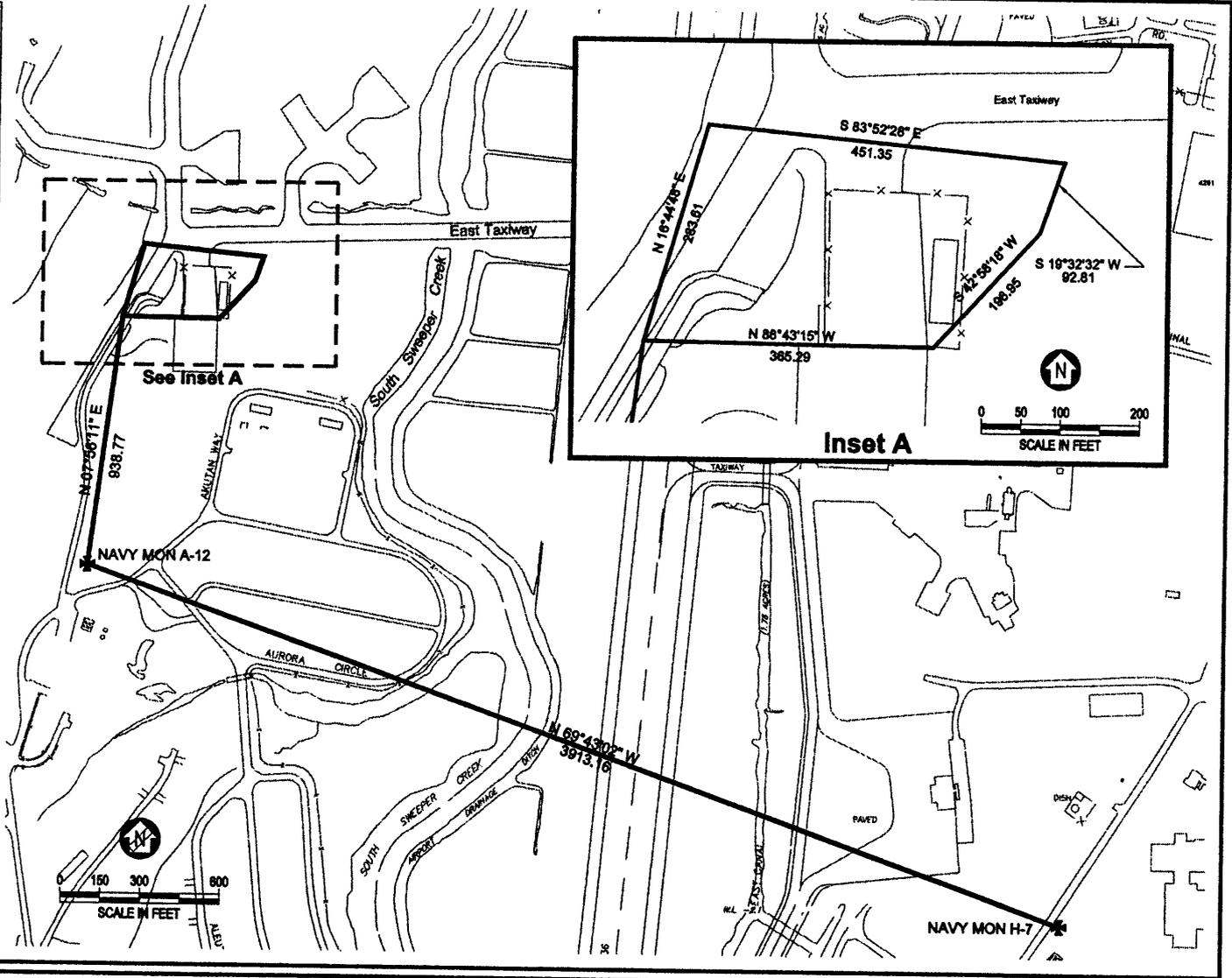
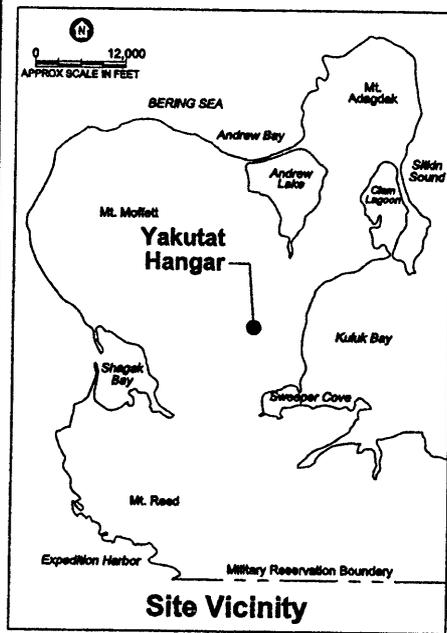


Scale as Shown

**SWMU 23,  
Heart Lake Drum Disposal Area**

Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-29

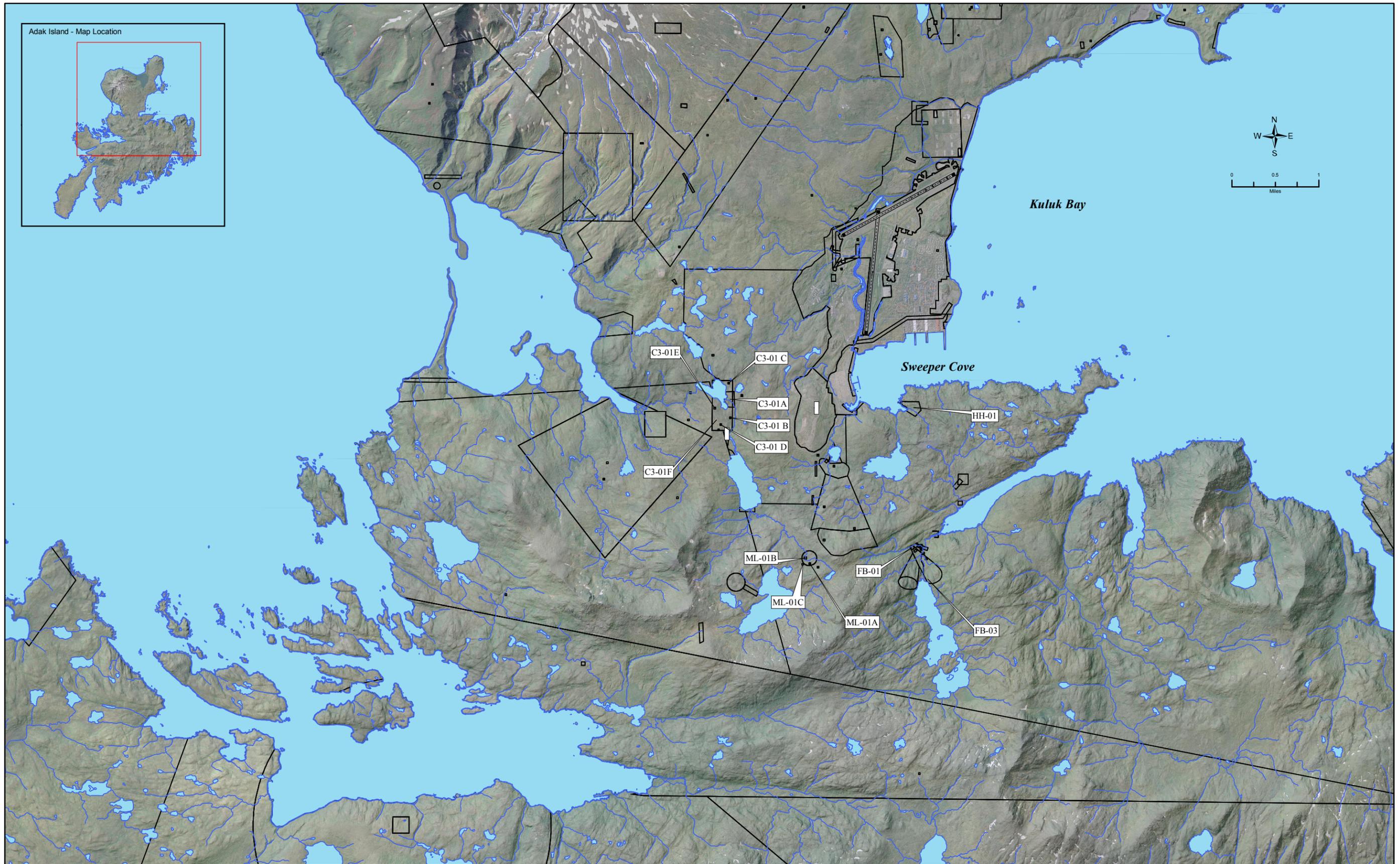




Scale as Shown

**Yakutat Hangar  
UST T-2039-A**

Exhibit C  
EQUITABLE SERVITUDE, EASEMENT,  
AND RIGHT OF ENTRY LANGUAGE  
Page C-27



**APPENDIX G**  
**RESPONSE TO REGULATOR COMMENTS**

**Technical Review of the  
Draft 2014 Institutional Controls Site Inspection Report  
Operable Units A and B-1  
Former Adak Naval Installation, Adak, Alaska  
Document Date: December 30, 2014  
Commenter: EPA**

Comment No.	Document/ Page &Line	Comment	Response
<b>1</b>	Section 1, p. 1-13	Figure 1-2 does not include any of the CERCLA Landfills, and there are no other figures for that purpose. Please include the Landfills on Figure 1-2.	CERLCA Landfill sites will be included on Figure 1-2 in the final report.
<b>2</b>	Section 2.2, p. 2-2, .l. 22	Delete reference to Roberts Landfill and Metals Landfill, or change title of the section. Roberts Landfill is not within the downtown area.	Sentence: "Excavation is prohibited at Metals and Roberts Landfills" has been deleted.
<b>3</b>	Section 3.1.3, p. 3-4, l. 7	What development is within 1.0 miles of the Loran facility? Verify distance	There is no development within a mile of the Loran facility. Sentence has been updated to say: "No <del>other</del> developments are within <del>about</del> a 1.0-mile radius of the site. The station is approximately 6.5 miles from downtown Adak, and roads to the site have not been maintained for several years."
<b>4</b>	Section 5.2	Recommend including the Munitions Desk Guide in this Section.	Added sentence: "If ordnance is encountered, the City of Adak, TAC, NAVFAC, and regulatory agencies personnel maintain copies of the Munitions Response Desk Guide, which details the proper procedures to follow."
<b>5</b>	Section 5.3, p. 5-3, l. 24, p. 5-4, lines 1, 9, 15, and 17	Clarify what the percentage refers to. There were 18 residents interviewed (10 adults and 8 children). 6 of 10 implies children were excluded from the 'residents' population. If children are included with residents the percentage of 'awareness' drops to 33%.	"Adult" will be added to "residents" in each sentence to clarify the respondents. Responses including children will specifically mention "school children".
<b>6</b>	Section 5.3, p. 5-4, l. 3	Number of residents and visitors should be 22 versus 21, or explain.	Added sentence: "One resident did not complete the survey question."