



**DEPARTMENT OF THE ARMY**  
PACIFIC OCEAN DIVISION, CORPS OF ENGINEERS  
FORT SHAFTER, HAWAII 96858-5440

REPLY TO  
ATTENTION OF:

17 NOV 2011

CEPOD-PDM (200-1F)

MEMORANDUM FOR Commander, Alaska District (POA), ATTN: CEPOA-PM-C (Mr. Kenneth Andraschko)

SUBJECT: Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS) Revised Inventory Project Report (INPR) for Property No. F10AK0027, Port Heiden, Alaska

1. References:

- a. Memorandum for Commander, Pacific Ocean Division, ATTN: CEPOD-PDM (H. Kekaula), SUBJECT: DERP-FUDS INPR for Property No. F10AK0027, Port Heiden, Alaska, dated 28 Oct 2011
- b. Environmental Regulation (ER) 200-3-1 Formally Used Defense Site Program Policy

2. The recommendation to revise the subject INPR to add a new Hazardous, Toxic, and Radioactive Waste (HTRW) project (F10AK0027-05) is in accordance with reference 1.b. and is approved.

3. My POC on this matter is Hudson Kekaula, (808) 438-6962.

A handwritten signature in black ink, appearing to read "Ryo Nakamoto".

RYONAKAMOTO  
Acting, Deputy Director of Programs

F10AK0027--\_01.08\_0500\_a  
200-1e



REPLY TO  
ATTENTION OF:

**DEPARTMENT OF THE ARMY**  
U.S. ARMY ENGINEER DISTRICT, ALASKA  
P.O. BOX 6898  
JBER, ALASKA 99506-0898

**28 OCT 2011**

CEPOA-DE

MEMORANDUM FOR Commander, Pacific Ocean Division, ATTN: CEPOD-PDM (H. Kekaula), Bldg. 525, Fort Shafter, HI 96858-5440

SUBJECT: Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS) Inventory Project Report (INPR) for Property No. F10AK0027, Port Heiden, Port Heiden, Alaska

1. This memorandum, including enclosures, comprises the revised INPR for the HTRW project at Port Heiden FUDS, Port Heiden, Alaska. The following enclosures are included:

- Enclosure 1: Updated Property Survey Summary Sheet
- Enclosure 2: Property Maps
- Enclosure 3: Findings and Determination of Eligibility (1988)
- Enclosure 4: Project Summary Sheet
- Enclosure 5: EPA Preliminary Assessment Form
- Enclosure 6: INPR Checklist

2. In 1988 a Findings and Determination of Eligibility was approved for the property and is included as Enclosure 3. The property was determined to have been formerly used by the Department of Defense (DOD).

3. Enclosure 4 contains the Updated Project Summary Sheet. This INPR is to create a new HTRW (-05) Port Heiden project at the property. There is currently one HTRW (-04) Fort Morrow project identified at Port Heiden for the removal and remediation of contaminated soils. The INPR revision will create a new HTRW (-05) Port Heiden project for the long term management of Landfill Site A and Site B.

4. The Office of Counsel and Real Estate has concurred with these findings. The Alaska Department of Environmental Conservation was informed of the potential HTRW project.

5. I recommend that CEPOD approve the requested HTRW project based on the fact that the activities at Port Heiden were a result of Department of Defense use.

CEPOA-DC

SUBJECT: DERP-FUDS Inventory Project Report, F10AK0027, Port Heiden (continued)

6. Please contact me directly if I can be of further assistance. Detailed information desired by your staff can be obtained by contacting Mr. Ron Pflum, Project Manager ([Ronald.j.pflum@usace.army.mil](mailto:Ronald.j.pflum@usace.army.mil)), at (907) 753-5785 or Mr. Kenneth Andraschko, Alaska FUDS Program Manager at (907) 753-5647.

6 Encls:

1. Property Survey Summary Sheet
2. Property Maps
3. Findings and Determination of Eligibility
4. Project Summary Sheet
5. EPA Preliminary Assessment Form
6. INPR Checklist



REINHARD W. KOENIG  
COL, EN  
Commanding

ENCLOSURE 1

REVISED PROPERTY SURVEY SUMMARY SHEET

Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

Inventory Project Report (INPR)

Property No. F10AK0027

Port Heiden

Port Heiden, Alaska

**REVISED**  
**PROPERTY SURVEY SUMMARY SHEET**  
**FOR**  
**DERP-FUDS NO. F10AK0027**  
**PORT HEIDEN**  
**PORT HEIDEN, AK**

**26 September 2011**

**PROPERTY NAME:** Port Heiden

**LOCATION:** Port Heiden, Alaska.

Latitude and Longitude: 56°57'39" North, 158°37' 51" West

Congressional District: Alaska 1 (At Large)

EPA Region: 10

Maps: Refer to attached maps.

**PROPERTY HISTORY:** Port Heiden Formerly Used Defense Site (FUDS) is located on the Alaska Peninsula, approximately 430 air miles southwest of Anchorage, Alaska. The original project site consisted of two former military installations, Fort Morrow and the Port Heiden Radio Relay Station (RRS). Fort Morrow was an U. S. Army garrison and airfield established as part of the air defense to protect the Dutch Harbor Naval Base (USACE, 1943). The buildings of Fort Morrow were constructed in an area of approximately 8,000 acres surrounding two airfield runways, located 2 miles northeast of the Native village of Meshik. The Port Heiden RRS was constructed as part of the Distant Early Warning (DEW) line radar stations during the 1950's on 172.04 acres within the existing Fort Morrow site. It is still under the jurisdiction of the U. S. Air Force (USAF).

**PROPERTY VISIT:** On 9 June 2011, Alaska Department of Environmental Conservation (ADEC) and USACE conducted a site inspection of Landfill Site A and Site B in conjunction with a site visit of former Department of Defense (DoD) facilities and contaminated sites at the Fort Morrow FUDS.

**CATEGORY OF HAZARD(S):** The following projects were identified: CON-HTRW (-02), and HTRW (-03, -04, -05).

**PROJECT DESCRIPTION(S):** The CON/HTRW (-02) and HTRW (-03) Port Heiden projects achieved No Further Defense Action Indicated (NDAI) in July 2008. The HTRW (-04) Fort Morrow project is ongoing in a Remedial Investigation/Feasibility Study (RI/FS) planning stage. The HTRW (-05) is the proposed Port Heiden project for the long term management of Port Heiden Landfill Site A and Site B.

**AVAILABLE STUDIES AND REPORTS:**

Alaska Department of Environmental Conservation (ADEC). 2011. Letter addressed to Mr. Ronald Pflum, USACE project manager, from Ms. Elizabeth Stergiou, ADEC regulator, dated 27 June 2011. Letter subject: Port Heiden Site A and Site B Closed Landfill Inspection. 27 June. F10AK002702\_07.01\_0501\_p.

United States Army Corps of Engineers (USACE). 1943. Narrative Report of Alaska Construction 1941-1944. Prepared by James D. Bush, Jr., Lt. Colonel, CE. Chief of Operations, Construction Division, Engineer, Alaskan Department. October.

USACE. 1996. Debris Cleanup and Site Restoration, Defense Environmental Restoration Program, Port Heiden, Alaska, Landfill Closure Report, Solid Waste Disposal Permit Numbers 8721-BA012 and 8721-BA013. February. F10AK002702\_07.16\_0500\_p.

USACE. 2008. Report: 2007 Port Heiden Drum Disposal Area Remedial Action, Port Heiden Drum Area, Port Heiden, Alaska, Final. Prepared by Jacobs Engineering Group Inc. April. F10AK002702\_07.08\_0500\_p.

USACE. 2009. Project Closeout Report, Port Heiden Drum Clean-up, Containerized Hazardous, Toxic, or Radioactive Waste (CON/HTRW), Port Heiden, Alaska (DERP-FUDS Property No. F10AK0027). August. F10AK002702\_07.12\_0500\_a.

United States Air Force (USAF). 1996. Final Preliminary Assessment/Site Inspection, Port Heiden Radio Relay Station, Port Heiden, Alaska. Contract No. DACA85-93-D-0013, Delivery Order No. 0020. Prepared by Emcon Alaska for USAF. March. F10AK0027--01.09\_0500\_a.

**POINT OF CONTACT:** Ron Pflum, FUDS Project Manager, (907) 753-5785 or at [Ronald.J.Pflum@usace.army.mil](mailto:Ronald.J.Pflum@usace.army.mil).

**LEAD REGULATOR:** Louis Howard, Alaska Department of Environmental Conservation (ADEC), (907) 269-7552.

ENCLOSURE 2  
PROPERTY MAPS

Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

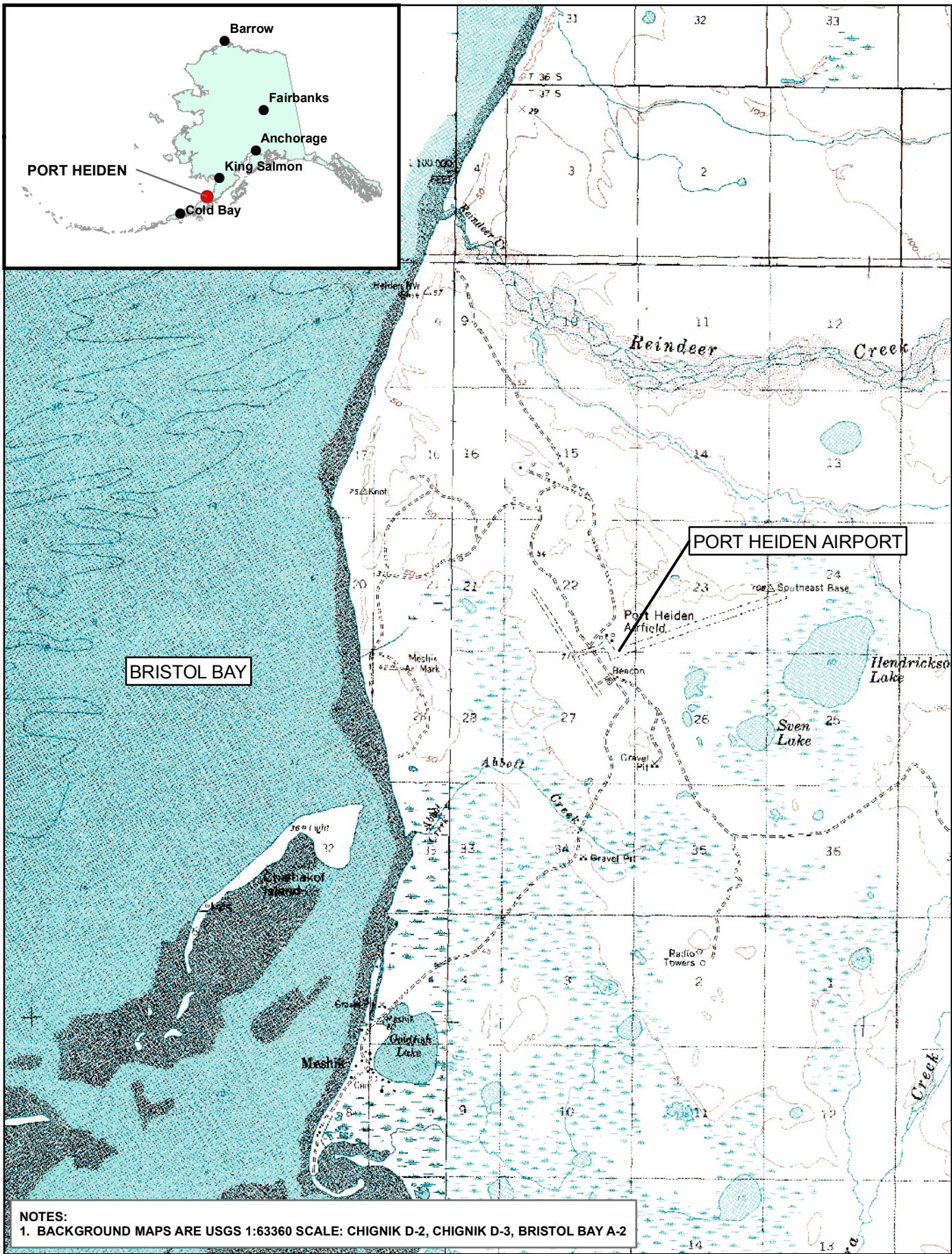
Inventory Project Report (INPR)

Property No. F10AK0027

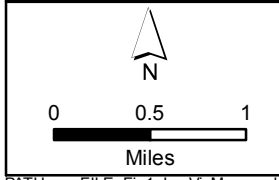
Port Heiden

Port Heiden, Alaska






**NOTES:**  
 1. BACKGROUND MAPS ARE USGS 1:63360 SCALE: CHIGNIK D-2, CHIGNIK D-3, BRISTOL BAY A-2



DESIGNED BY:  
 DRAWN BY: GNO  
 APPROVED BY:  
 DATE: 6 SEPT 2011



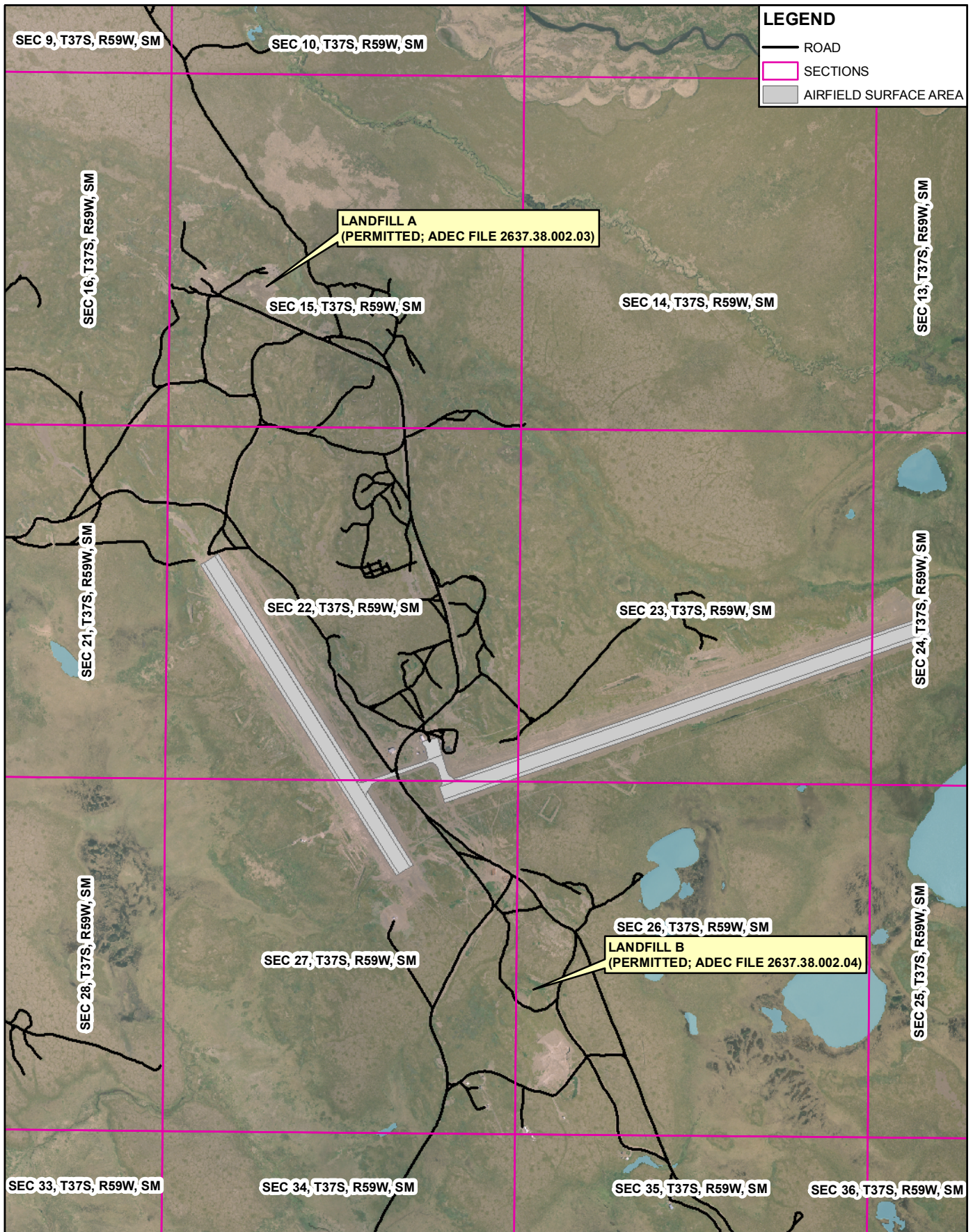
U.S. ARMY  
 CORPS OF ENGINEERS  
 ALASKA DISTRICT

**LOCATION MAP**

**PORT HEIDEN - F10AK0027**  
 PORT HEIDEN, ALASKA

**FIGURE 1**





**LEGEND**

- ROAD
- SECTIONS
- AIRFIELD SURFACE AREA

DESIGNED BY:  
DRAWN BY: GNO  
APPROVED BY:

DATE: 6 SEPT 2011

0 1,000 2,000  
Feet

U.S. ARMY  
CORPS OF ENGINEERS  
ALASKA DISTRICT

**USACE LANDFILL LOCATIONS**

**PORT HEIDEN (FORT MORROW)  
F10AK0027  
PORT HEIDEN, ALASKA**

**FIGURE 2**

ENCLOSURE 3

1988 FINDINGS AND DETERMINATION OF ELIGIBILITY (FDE)

Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

Inventory Project Report (INPR)

Property No. F10AK0027

Port Heiden

Port Heiden, Alaska

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PART II - FINDINGS AND DETERMINATION  
OF ELIGIBILITY (FDE) REPORT

PART II  
FINDINGS AND DETERMINATION OF ELIGIBILITY (FDE) REPORT

FORT MORROW AND PORT HEIDEN RADIO RELAY SITE  
PROJECT NO. F10AK000027

FINDINGS OF FACT

1. An unsafe debris and hazardous toxic waste removal project is proposed at the former Fort Morrow and the Port Heiden Radio Relay Site, consisting of the demolition of Quonset huts, concrete Radio Relay Site Composite Building and miscellaneous abandoned structures; the removal and disposal of PCB and POL contaminated soil; and the removal and disposal of empty drums and partially full or full drums of hazardous toxic waste. The debris proposed to be removed is unsafe and the hazardous toxic waste are potential sources of environmental contamination.

2. The Fort Morrow Military Reservation, containing 1,023,927.22 acres, was obtained by Public Land Order (PLO) 48 dated October 12, 1942, as amended by PLO 284 dated June 12, 1945, from the Department of Interior (DOI) for use by the War Department for military purposes.

Subsequently, PLO 2374 dated May 11, 1961 withdrew 100.45 acres from the public domain for use by the Department of the Air Force, establishing Port Heiden as an aircraft control and warning site and later as a radio relay site, together with additional areas which were also formerly parts of Fort Morrow; 70.39 acres transferred from the Bureau of Land Management by notation on Public Land Records under 44LD513, and 1.20 acres acquired in fee by Declaration of Taking dated February 18, 1958 (Civil No. A-15,556). Total acreage for Port Heiden aggregated 172.04 acres.

3. Fort Morrow was developed as a major air defense location with two airfield runways, air navigational support facilities, and a garrison for several hundred men. Approximately 450 structures were constructed including barracks, mess halls, warehouses, a hospital, pump and power houses, administrative buildings and supply buildings.

On the Port Heiden Radio Relay Site, the Air Force constructed several radar facilities: a composite building, a water supply building, a liquid fuel pump station, diesel/mogas storage tanks, four communication backscatter billboard antennas with feedhorns, a warehouse supply building, an ammunition storage building, access roads, and miscellaneous facilities. The area is sparsely populated.

4. Fort Morrow was exceded and PLO 562 dated February 18, 1949 returned 1,013,577.22 acres to the public domain and transferred 10,350.00 acres to the Department of Commerce, Civil Aeronautics Administration (CAA), of which 4,058 acres were conveyed by the CAA to the State of Alaska, Department of



PART II  
FINDINGS AND DETERMINATION OF ELIGIBILITY (FDE) REPORT

FORT MORROW AND PORT HEIDEN RADIO RELAY SITE  
PROJECT NO. F10AK000027

Aviation by deed April 15, 1966 (P.L. 85-508). The acreage balance was retransferred to the Bureau of Land Management (BLM) by PLO 2495 dated September 13, 1961.

Port Heiden Radio Relay Site was declared excess by the Department of the Air Force on February 27, 1981 by disposal report No. 514. Notice of relinquishment was filed with BLM for 38.47 acres on October 2, 1981. BLM will probably request the site, or a portion thereof, be reported to the General Services Administration.

The balance of the acreage, 1.20 acres in fee and 132.37 acres of lesser interests, is currently in excess status and will be disposed of, when disposal of the 38.47 acres has been finalized. However, accountability still rests with the Department of the Air Force.

The vast area of Fort Morrow is presently, in part, under the jurisdiction of BLM, the State of Alaska, Division of Aviation, the State of Alaska, Department of Natural Resources, the Chignik River Limited Native Corporation (Interim Conveyances [I.C.] 092 and 093), the Bristol Bay Native Corporation, and several private owners. By virtue of Public Law 94-487, Fort Morrow is also under the jurisdiction of the U.S. Fish and Wildlife Services (Alaska Peninsula National Wildlife Refuge), and the National Park Service (Aniakchak Crater National Monument and Preserve). The Port Heiden Radio Relay Site (see paragraph 3) is still under the jurisdiction of the Air Force.

Use was made of some improvements since DOD abandonment such as a license for Fuel Tank #3 by the City of Port Heiden, a license of Building 1017 to the Alaska Department of Education, and a lease for fuel facilities to Reeve Aleutian Airways, Inc. The licenses and lease have expired or have been terminated. The transfer documents did not contain any provisions absolving the Government from any site restoration.

5. When the Fort Morrow Military Reservation and subsequently the Port Heiden Radio Relay Site were excessed, the buildings and improvements on the installations were abandoned. Some debris may be scattered on private lands. The Air Force has removed PCBs from this site; however, sampling during preliminary site investigations discovered soil contaminated with PCBs. The PCB contamination levels exceed the allowable level established by the EPA, Region X.

PART II  
FINDINGS AND DETERMINATION OF ELIGIBILITY (FDE) REPORT

FORT MORROW AND PORT HEIDEN RADIO RELAY SITE  
PROJECT NO. F10AK000027

This site contains unsafe debris and HTW. The formerly used DOD structures at the project site have not been maintained since their abandonment. As a result of vandalism and the lack of maintenance, the buildings have weathered and deteriorated to the point that most have partially collapsed or have major portions of the structure missing, creating structural hazards and unsafe conditions. Detached building materials have created hazards such as exposed nails, broken timbers, and metal with sharp edges. This debris can easily become windblown, creating an additional hazard.

Asbestos was identified in floor tile and pipe insulation at the Port Heiden Radio Relay Site Composite Building and at the warehouse in the Post Utilities Area of Fort Morrow. These asbestos containing building materials are deteriorating, friable, and create a potential health threat.

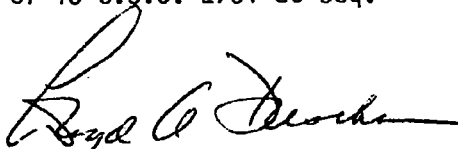
Polychlorinated biphenyl (PCB) Aroclor 1260 was detected in soils around the Port Heiden Radio Relay Site Composite Building at 15 ppm, at .230 ppm, and at 3.50 ppm) and adjacent to empty transformers near the antenna site on Fort Morrow at 9.9 ppm. EPA has established that soils above 10 ppm present a risk to public health.

POL contaminated soils and full or partially full POL containers are present at the site creating environmental contamination or the potential for further contamination of the site. The items proposed for remedial action have not been beneficially used since DOD exccesed the property. The owners have expressed concern regarding clean up of the site and have requested removal of unsafe debris and HTW. There is no evidence of unexploded ordnance.

DETERMINATION

Based on the foregoing Findings of Fact, the present condition of the site as described above has been determined to be a result of prior DOD occupancy, utilization, or activity in connection therewith. Moreover, it is determined that an environmental restoration project, set out herein, is an appropriate undertaking within the purview of 10 U.S.C. 2701 et seq.

15 Jan 88  
Date

  
LLOYD A. DUSCHA, P.E.  
Deputy Director  
Directorate of Engineering  
and Construction



ENCLOSURE 4  
PROJECT SUMMARY SHEET

Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

Inventory Project Report (INPR)

Property No. F10AK0027

Port Heiden

Port Heiden, Alaska

**PROJECT SUMMARY SHEET  
FOR  
PROJECT NO. F10AK002705  
PORT HEIDEN LANDFILL SITE A AND SITE B  
LONG TERM MANAGEMENT  
PORT HEIDEN, AK**

**26 September 2011**

**PROJECT DESCRIPTION(S):** On 9 June 2011 the Alaska Department of Environmental Conservation (ADEC) and U.S. Army Corps of Engineers (USACE) conducted a site inspection of Port Heiden Landfill Site A and Site B. The ADEC permitted landfills were used for the removal of structural debris, drums, tanks, polychlorinated biphenyls (PCBs) and petroleum, oil, and lubricant (POL) - contaminated soils, and asbestos containing materials under the Port Heiden Debris Disposal and Site Restoration Project (USACE, 1996). Removal activities began in 1990. Landfill Site A was filled with asbestos containing material, POL-contaminated soil, and miscellaneous debris. Drums, abandon vehicles, structural debris, and POL-contaminated soils were disposed of in Landfill Site B. Both landfills were covered and reseeded in 1991.

Two concerns were identified during the 2011 site inspection of Landfill Site A by ADEC:

- Broken and missing landfill signs, and
- Non-vegetated areas of the landfill cover

Landfill Site B remains in good condition; no issues were identified by ADEC.

Proposed activities will include implementing a Long Term Management (LTM) plan for both Landfill Site A and B, and as part of the LTM, replacing and repairing signage and reseeded non-vegetated areas.

**PROJECT ELIGIBILITY:** Port Heiden Landfill Site A and Site B were constructed for disposal of debris and contaminated soil from former Port Heiden Radio Relay Station (RRS) and Fort Morrow. Port Heiden RRS was constructed as a Distant Early Warning (DEW) line station within the boundaries of Fort Morrow, a former U. S. Army Air Corps Base, during World War II (USAF, 1996). Both landfills are located within the boundaries of former Fort Morrow.

**POLICY CONSIDERATIONS:** Landfill Site A and Site B were constructed and used as one time disposal sites for debris and PCB and POL – contaminated soils associated with the Port Heiden formerly used defense sites. Landfill Site A contains asbestos containing materials and could potentially pose a risk to human health and the environment if the public is unaware of the landfill's contents due to inadequate signage and/or the landfill cover erodes and exposes the asbestos debris.

**PROPOSED ACTIVITIES:** Implement a long term management (LTM) plan for Landfill Site A and Landfill Site B. As part of the LTM, signage will be replaced or repaired and non-vegetated areas will be reseeded.

**POINT OF CONTACT:** Ron Pflum, FUDS Project Manager, (907) 753-5785 or at [Ronald.J.Pflum@usace.army.mil](mailto:Ronald.J.Pflum@usace.army.mil).

**LEAD REGULATOR:** Louis Howard, Alaska Department of Environmental Conservation (ADEC), (907) 269-7552.

ENCLOSURE 5

EPA PRELIMINARY ASSESSMENT FORM


Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

Inventory Project Report (INPR)

Property No. F10AK0027

Port Heiden

Port Heiden, Alaska

 <b>Potential Hazardous Waste Site Preliminary Assessment Form</b>		<b>Identification</b>		
		State: AK	CERCLIS Number:	
		CERCLIS Discovery Date:		
<b>1. General Site Information</b>				
Name: Port Heiden Landfill A & B		Street Address:		
City: Port Heiden	State: AK	Zip Code:	County:	Co. Code: Cong. Dist:
Latitude: 56° 57' 39. " "	Longitude: 158° 37' 51. " "	Approximate Area of Site: ~2 Acres	Status of Site: <input type="checkbox"/> Active <input type="checkbox"/> Not Specified <input checked="" type="checkbox"/> Inactive <input type="checkbox"/> NA (GW plume, etc.)	
<b>2. Owner/Operator Information</b>				
Owner: Multiple		Operator: USACE AK DISTRICT		
Street Address:		Street Address: PO BOX 6289		
City:		City: JBER		
State:	Zip Code:	Telephone: ( )	State: AK	Zip Code: 99506 Telephone: (907) 753-5785
Type of Ownership: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> Federal Agency <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Not Specified <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> Other native allotments <input type="checkbox"/> Indian		How Initially Identified: <input type="checkbox"/> Citizen Complaint <input checked="" type="checkbox"/> Federal Program <input type="checkbox"/> PA Petition <input type="checkbox"/> Incidental <input type="checkbox"/> State/Local Program <input type="checkbox"/> Not Specified <input type="checkbox"/> RCRA/CERCLA Notification <input type="checkbox"/> Other		
<b>3. Site Evaluator Information</b>				
Name of Evaluator: Jessequa Parker		Agency/Organization: USACE AK DISTRICT	Date Prepared: AUGUST 2011	
Street Address: PO BOX 6289		City: JBER	State: AK	
Name of EPA or State Agency Contact:		Street Address:		
City:		State:	Telephone: ( )	
<b>4. Site Disposition (for EPA use only)</b>				
Emergency Response/Removal Assessment Recommendation: <input type="checkbox"/> Yes <input type="checkbox"/> No Date: _____	CERCLIS Recommendation: <input type="checkbox"/> Higher Priority SI <input type="checkbox"/> Lower Priority SI <input type="checkbox"/> NFRAP <input type="checkbox"/> RCRA <input type="checkbox"/> Other _____ Date: _____		Signature:  Name (typed):  Position:	

**5. General Site Characteristics**

<p>Predominant Land Uses Within 1 Mile of Site (check all that apply):</p> <input type="checkbox"/> Industrial <input type="checkbox"/> Agriculture <input type="checkbox"/> DOI <input type="checkbox"/> Commercial <input type="checkbox"/> Mining <input type="checkbox"/> Other Federal Facility <input type="checkbox"/> Residential <input type="checkbox"/> DOD <input checked="" type="checkbox"/> Forest/Fields <input type="checkbox"/> DOE <input checked="" type="checkbox"/> Other _____ <p style="text-align: center;">subistence</p>	<p>Site Setting:</p> <input type="checkbox"/> Urban <input type="checkbox"/> Suburban <input checked="" type="checkbox"/> Rural	<p>Years of Operation:</p> Beginning Year <u>1990</u> Ending Year <u>1991</u> <input type="checkbox"/> Unknown
<p>Type of Site Operations (check all that apply):</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Manufacturing (must check subcategory)           <ul style="list-style-type: none"> <li><input type="checkbox"/> Lumber and Wood Products</li> <li><input type="checkbox"/> Inorganic Chemicals</li> <li><input type="checkbox"/> Plastic and/or Rubber Products</li> <li><input type="checkbox"/> Paints, Varnishes</li> <li><input type="checkbox"/> Industrial Organic Chemicals</li> <li><input type="checkbox"/> Agricultural Chemicals (e.g., pesticides, fertilizers)</li> <li><input type="checkbox"/> Miscellaneous Chemical Products (e.g., adhesives, explosives, ink)</li> <li><input type="checkbox"/> Primary Metals</li> <li><input type="checkbox"/> Metal Coating, Plating, Engraving</li> <li><input type="checkbox"/> Metal Forging, Stamping</li> <li><input type="checkbox"/> Fabricated Structural Metal Products</li> <li><input type="checkbox"/> Electronic Equipment</li> <li><input type="checkbox"/> Other Manufacturing</li> </ul> </div> <div style="width: 45%;"> <input type="checkbox"/> Retail  <input type="checkbox"/> Recycling  <input type="checkbox"/> Junk/Salvage Yard  <input type="checkbox"/> Municipal Landfill  <input checked="" type="checkbox"/> Other Landfill  <input checked="" type="checkbox"/> DOD  <input type="checkbox"/> DOE  <input type="checkbox"/> DOI  <input type="checkbox"/> Other Federal Facility _____  <input type="checkbox"/> RCRA           <ul style="list-style-type: none"> <li><input type="checkbox"/> Treatment, Storage, or Disposal</li> <li><input type="checkbox"/> Large Quantity Generator</li> <li><input type="checkbox"/> Small Quantity Generator</li> <li><input type="checkbox"/> Subtitle D               <ul style="list-style-type: none"> <li><input type="checkbox"/> Municipal</li> <li><input type="checkbox"/> Industrial</li> </ul> </li> <li><input type="checkbox"/> "Converter"</li> <li><input type="checkbox"/> "Protective Filer"</li> <li><input type="checkbox"/> "Non- or Late Filer"</li> </ul> </div> </div>		

 Mining
 

- Metals
- Coal
- Oil and Gas
- Non-metallic Minerals

**6. Waste Characteristics Information**

<p>Source Type: (check all that apply)</p> <input type="checkbox"/> Landfill <input type="checkbox"/> Surface Impoundment <input type="checkbox"/> Drums <input type="checkbox"/> Tanks and Non-Drum Containers <input type="checkbox"/> Chemical Waste Pile <input type="checkbox"/> Scrap Metal or Junk Pile <input type="checkbox"/> Tailings Pile <input type="checkbox"/> Trash Pile (open dump) <input type="checkbox"/> Land Treatment <input type="checkbox"/> Contaminated Ground Water Plume (unidentified source) <input type="checkbox"/> Contaminated Surface Water/Sediment (unidentified source) <input type="checkbox"/> Contaminated Soil <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> No Sources	<p>Source Waste Quantity: (include units)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Tier*:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>General Types of Waste (check all that apply) contained in landfill are</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> Metals  <input checked="" type="checkbox"/> Organics  <input checked="" type="checkbox"/> Inorganics  <input type="checkbox"/> Solvents  <input type="checkbox"/> Paints/Pigments  <input type="checkbox"/> Laboratory/Hospital Waste  <input type="checkbox"/> Radioactive Waste  <input type="checkbox"/> Construction/Demolition Waste           </div> <div style="width: 45%;"> <input type="checkbox"/> Pesticides/Herbicides  <input type="checkbox"/> Acids/Bases  <input type="checkbox"/> Oily Waste  <input type="checkbox"/> Municipal Waste  <input type="checkbox"/> Mining Waste  <input type="checkbox"/> Explosives  <input type="checkbox"/> Other _____           </div> </div>
<p><input checked="" type="checkbox"/> No Sources    Landfill A &amp; B are closed landfills.</p>			<p>Physical State of Waste as Deposited (check all that apply):</p> <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Powder <input type="checkbox"/> Liquid <input type="checkbox"/> Gas

\* C = Constituent, W = Wastestream, V = Volume, A = Area







**8. Surface Water Pathway (continued)**

Wetlands Located Along the Surface Water Migration Path:

- Yes  
 No

Have Primary Target Wetlands Been Identified:

- Yes  
 No

List Secondary Target Wetlands:

Water Body                      Flow (cfs)    Frontage Miles

<u>Water Body</u>	<u>Flow (cfs)</u>	<u>Frontage Miles</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Other Sensitive Environments Located Along the Surface Water Migration Path:

- Yes  
 No

Have Primary Target Sensitive Environments Been Identified: NA

- Yes  
 No

List Secondary Target Sensitive Environments:

Water Body                      Flow (cfs)    Sensitive Environment Type

<u>Water Body</u>	<u>Flow (cfs)</u>	<u>Sensitive Environment Type</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**9. Soil Exposure Pathway**

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination:

- Yes  
 No

If Yes, Enter Total Resident Population:

\_\_\_\_\_ People

Number of Workers Onsite:

- None  
 1 - 100  
 101 - 1,000  
 >1,000

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination:

- Yes  
 No

If Yes, List Each Terrestrial Sensitive Environment:

\_\_\_\_\_

**10. Air Pathway**

Is There a Suspected Release to Air:

- Yes  
 No

Enter Total Population on or Within:

Onsite	_____
0 - ¼ Mile	_____
> ¼ - ½ Mile	_____
> ½ - 1 Mile	_____
> 1 - 2 Miles	_____
> 2 - 3 Miles	_____
> 3 - 4 Miles	_____
Total Within 4 Miles	_____

Wetlands Located Within 4 Miles of the Site:

- Yes  
 No

Other Sensitive Environments Located Within 4 Miles of the Site:

- Yes  
 No

List All Sensitive Environments Within ½ Mile of the Site:

<u>Distance</u>	<u>Sensitive Environment Type/Wetlands Area (acres)</u>
Onsite	wetlands acreage unknown
0 - ¼ Mile	wetlands acreage unknown
> ¼ - ½ Mile	Reindeer Creek , wetlands (acreage unknown)

ENCLOSURE 6  
INPR CHECKLIST

Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

Inventory Project Report (INPR)

Property No. F10AK0027

Port Heiden

Port Heiden, Alaska

**Worksheet B-3. Inventory Project Report (INPR) Checklist**  
(Use space at bottom of this worksheet for continuation)

**Checklist Preparer**

Name: Jessequa Parker	Date: 1 September 2011
District: Alaska District	Title: Geologist
Email address: <a href="mailto:Jessequa.y.parker@usace.army.mil">Jessequa.y.parker@usace.army.mil</a>	Phone Number: 907.753.2563

**Property Information**

Property Name: Port Heiden	Property #: F10AK0027
Previous Names (if any):	
Former Service: U.S. Army	
Property Location: (Section, Township, Range): Township , Range ( Meridian)	
Port Heiden Landfill Site A T37S, R59W, SE & SW ¼, NW ¼ SEC 15, (Seward)	
Port Heiden Landfill Site B T37S, R59W, SW ¼ NW1/4 SEC 26 (Seward)	
Latitude (D/M/S): 56/57/39 North	Longitude (D/M/S): 158/37/51 West
Address or Location Description: Former Fort Morrow	
City: Port Heiden	State: AK Zip:
Current Use: None	

**Primary Property Owner Information (address multiple owners in Comments)**

Name: Multiple Owners see comments
Address:
City: State: Zip:
Phone Number:



Indicate the status of the following checklist items in determining the completeness of the INPR. Provide a narrative in the comments section below to explain the shaded boxes checked (key to item numbers):

**Property Document Search**

Were the following records searched for and used, if available, in the preparation of the INPR?		Yes	No	NA
1	Archive records	x		
2	Site maps, including facility as-built drawings	x		
3	Aerial or ground photographs	x		
4	Prior studies, documents, reports, property contamination records, or public/private sampling data	x		
5	Compliance orders issued to current or past owners/operators		x	
6	Real estate records, deeds, or property transfer records	x		
7	Local historical societies and public libraries		x	
8	EPA/State environmental records or reports	x		
9	Explosive Ordnance Disposal incident reports		x	
10	Other documentation	x		

**Property Information Interviews**

Were the following contacted and interviewed to obtain information?		Yes	No	NA
11	Current landowner(s)	x		
12	Neighbors		x	
13	Previous landowner(s)	x		
14	Current or former operator(s), employee(s), land user(s)	x		
15	Federal agencies, including regulatory agencies	x		
16	State agencies, including regulatory agencies	x		

17	Local agencies, including regulatory agencies	x		
18	Other sources		x	





**Property Visit**

If no property visit was conducted, provide explanation under Comments.		Yes	No	NA
19	Was access to the property possible (right of entry provided by landowner)?	x		
20	Was the property physically visited?	x		
21	Was access sufficient to allow for a thorough property inspection?	x		
22	Was access sufficient to identify potential hazards?	x		
23	Did regulatory agencies accompany USACE on the property visit?	x		
24	Did the landowner/representative accompany USACE on the property visit?		x	
25	Was there evidence of a release of hazardous material or use/disposal of military munitions during DoD control?		x	
26	Was there evidence of a release of potential DoD hazardous material into a public or private drinking water supply?		x	
27	Is there evidence of a release into a public or private drinking water supply due to deterioration of the system through ordinary use? <sup>2</sup>		x	
28	Is there evidence of a release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures? <sup>3</sup>		x	
29	Is some other program actively involved with the property (i.e., another Federal, state, or tribal program)?		x	
30	Is there evidence that activities by non-DoD parties at the property may be the source of potential contamination?		x	
31	Was information on hazards found at similar types of FUDS properties considered in identifying potential hazards at this property?			x
32	Were site maps compared to actual conditions during the site visit?	x		
33	Were photographs taken?	x		
34	Were property owners advised to contact USACE if evidence of potential hazards is found later?	x		
35	Was a trip report of the property visit prepared?	x		



<sup>2</sup> This can be determined by reviewing public water supply sampling data. Provide discussion of how it was determined to be release due to DoD activities rather than by current or past owners/operators.

<sup>3</sup> This question is from the EPA Pre-CERCLIS Screening Assessment Checklist/Decision Form, EPA-540-F-98-039 "Improving Site Assessment: Pre-CERCLIS Screening Assessments"

**Property Eligibility Determination**

Refer to FUDS Manual Chapter 3 and Appendix B		Yes	No	NA
36	Is the property Categorically Excluded?		x	
37	Are there release, hold harmless, as-is, or indemnification clauses in deeds or property transfer documents that limit DoD liability?		x	
38	Is there evidence of this property being a Third Party Site?		x	
39	Is the property eligible under FUDS?	x		
40	Has a "Categorical Exclusion or Ineligible Property" worksheet been prepared (Worksheet B-1)?		x	

**FUDS Property Screening**

Refer to FUDS Manual Chapter 3 and Appendix B		Yes	No	NA
41	Was a CERCLA Preliminary Assessment completed?	x		
42	Was a MMRP/MEC RAC Worksheet prepared for this property?		x	

**Project Eligibility Determination**

Refer to FUDS Manual Chapter 3 and Appendix B		Yes	No	NA
43	Have all typical hazards at this type of property been investigated for possible occurrence at this property?	x		
44	Were hazards identified?	x		
45	Are all identified hazards of DoD origin?	x		
46	If any identified hazards were of non-DoD origin, has the lead regulatory agency been informed? (Provide name, phone number, date)			x
47	Is the current owner under a RCRA or CERCLA clean-up order?		x	
48	Has the "right of first refusal" been exercised by an adjacent DoD installation?		x	
49	Is there evidence of beneficial use?		x	
50	Are there other policy considerations against recommending a project?		x	
51	Are eligible FUDS projects recommended? (If yes, identify projects below)	x		

**INPR Preparation**

Refer to FUDS Manual Chapter 3 and Appendix B		Yes	No	NA
52	Has the INPR been prepared in accordance with the INPR Content Matrix (Table B-1)?	x		
53	Is the INPR Property Survey Summary Sheet consistent with Table B-2?	x		
54	Is the Project Summary Sheet(s) consistent with Table B-3?	x		
55	Has a BD/DR Project Summary Sheet Checklist been prepared (Worksheet B-2)?		x	

**INPR Review**

Refer to FUDS Manual Chapter 3 and Appendix B		Yes	No	NA
56	If the INPR recommends a PRP/HTRW project, has the PRP District reviewed the INPR?			x
57	If the INPR recommends a PRP/HTRW project or a controversial or complicated HTRW project, has the HTRW Center of Expertise reviewed the INPR? (See figure B-1)			x
58	If the INPR recommends a MMRP or PRP/MMRP project, has the OE Center of Expertise reviewed the INPR? (See figure B-1)			x
59	Was the draft INPR coordinated with Office of Counsel and Real Estate?	x		
60	Was the draft INPR shared with the Lead Regulatory Agency after internal USACE review?	x		

**Narrative comments to explain above notations (key your comments to the checklist item number):**

Property Owners are City of Port Heiden, Alaska Peninsula Corporation, State of Alaska Department of Transportation, private native allotments, and private owner, Gordon E. McCormick.

- 5. No compliance orders were found in research.
- 7. No local libraries or historical societies were contacted.
- 9. Ordnances are not suspected at project site.
- 12. No neighbors were contacted.
- 24. No landowners accompanied the 2011 USACE and Alaska Department of Environmental Conservation site visit to Landfill Site A and Site B.
- 42. No MMRP score sheet has been prepared as there is no evidence of munitions at the project site.



- 44. Hazards include exposure of asbestos containing material due to the erosion of the landfill cover.
- 45. Landfill Site A and B were used to dispose debris and contaminated soil from former Fort Morrow and Port Heiden Radio Relay Station. Hazards include asbestos containing debris in Landfill Site A and POL-contaminated soils at both Landfill Site A and Site B.
- 51. Long term management under a HTRW project.
- 55. No BD/DR project is being proposed.

<b>POA STAFF ACTION SUMMARY</b>		1. CONTROL# PM-11-081		2. Suspense 2011-10-19		
				3. Today's Date 2011-10-03		
4. Subject Port Heiden Inventory Project Report, F10AK002700, Port Heiden, Alaska						
5. Office Symbol CEPOA-PM-ESP		6. Action Officer Ken Andraschko	7. Telephone # 753-5647	8. E-mail kenneth.r.andraschko@usace.army.mil		
<b>COORDINATION</b>						
9. Division	10. Name	11. Concur/Nonconcur	12. Comments		13. Date	
<input checked="" type="checkbox"/> 7 DC	Koenig	<i>DK</i> -			29 Oct 11	
<input checked="" type="checkbox"/> 6 DDC	Stone	<i>BS</i> -			28 Oct 11	
<input checked="" type="checkbox"/> 5 DPM	McCallister	<i>m</i> -			24 Oct 11	
<input type="checkbox"/> EA		-				
<input type="checkbox"/> EN		-				
<input type="checkbox"/> CO		-				
14. Routing		<input checked="" type="checkbox"/> DC	<input checked="" type="checkbox"/> DDC	<input checked="" type="checkbox"/> DPM	<input type="checkbox"/> EN	<input type="checkbox"/> CO
15. For: Information <input type="checkbox"/>		Read-Ahead <input type="checkbox"/>	Decision <input type="checkbox"/>	Approval <input type="checkbox"/>	Signature <input checked="" type="checkbox"/>	
16. PURPOSE/BOTTOM LINE/DISCUSSION:						
<p>1. PURPOSE: Obtain Commander concurrence with Inventory Project Report (INPR) package for the Port Heiden Formerly Used Defense Site (FUDS) property #F10AK0027 and sign memorandum transmitting to POD for approval.</p> <p>2. BOTTOM LINE: INPR recommends creating a new hazardous, toxic, and radioactive waste (HTRW) project for the long term management of Landfill Site A and Site B at the Port Heiden FUDS property and to replace/repair signs at Landfill Site A and reseed non-vegetated areas of Landfill Site A's cover.</p> <p>3. DISCUSSION: Port Heiden FUDS property is located on the Alaska Peninsula, approximately 430 air miles southwest of Anchorage, Alaska. The FUDS originally consisted of two former military installations, Fort Morrow and Port Heiden Radio Relay Station (RRS). Fort Morrow was a U.S. Army garrison and airfield constructed during WWII and Port Heiden RRS was part of the Distant Early Warning line constructed within the boundaries of Ft. Morrow during the 1950's. In 1990 Landfill Site A and Site B were constructed to accept debris and contaminated soil from a USACE debris cleanup and site restoration project. Both landfills were capped and reseeded in 1991. In 2011, the Alaska Department of Environmental Conservation conducted a landfill inspection of Landfill Site A and Site B. ADEC has requested USACE to repair and replace missing signs stating Landfill Site A contains asbestos and reseed areas of the landfill cover that had inadequate vegetative cover. Long term management of both landfills is required.</p> <p>4. RESOURCE IMPACT: Allows FUDS program to create cost-to-complete estimate for the new project and plan for actions in future budget years.</p>						
17. Releaser: Clare L. Jaeger, Branch Chief, PM-ESP <i>Clare L Jaeger</i>						
18. Recommendation: Sign the transmittal memorandum.						
19. Action:		Approved <input type="checkbox"/>	See Me <input type="checkbox"/>	Other <input type="checkbox"/>		

COORDINATION (cont.)					
20. Division	21. Name	22. Concur	Nonconcur	23. Comments	24. Date
<input checked="" type="checkbox"/> 4 OC	Schroeder, M.	<i>V/S</i>			10/14/11
<input type="checkbox"/> RM		-			
<input type="checkbox"/> CT		-			
<input type="checkbox"/> RE	Kretzschmar, K.	<i>V/S</i>			10/13/11
<input type="checkbox"/> RD		-			
<input type="checkbox"/> LM		-			
<input type="checkbox"/> IR		-			
<input type="checkbox"/> SO		-			
<input type="checkbox"/> SEC		-			
<input type="checkbox"/> PAO		-			
<input type="checkbox"/> SB		-			
<input type="checkbox"/> EEO		-			
<input type="checkbox"/> CPAC		-			
<input type="checkbox"/> IM		-			
(3) PM-ESP	Jaeger	<i>CFJ</i>			11 Oct 11
(2) FUDS	Andraschko	<i>@</i>			10/11/11
(1) EN-EE	Geist	<i>JCG</i>			10/3/11
Misc. Offices		-			
Misc. Offices		-			
Misc. Offices		-			
Misc. Offices		-			
Misc. Offices		-			
Misc. Offices		-			
Misc. Offices		-			