



Alaska Department of Environmental Conservation

Reuse & Redevelopment Initiative

**Brownfield Assessment**



## Phase I Environmental Site Assessment Report

*Former Alaska Packers Cannery*  
Pilot Point, Alaska

Submitted to:  
Department of Environmental Conservation  
Brownfield Program



By:  
Hart Crowser, Inc  
June 26, 2007

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Report  
Former Alaska Packers Cannery  
Pilot Point, Alaska***

***Prepared for  
Alaska Department of Environmental  
Conservation***

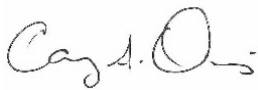
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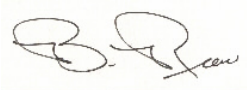
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Prepared by  
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## ABBREVIATIONS AND ACRONYMS

ADCCED	Alaska Department of Commerce, Community, and Economic Development
ADNR	Alaska Department of Natural Conservation
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
DEC	State of Alaska Department of Environmental Conservation
EDR	Environmental Data Resources, Inc.
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FINDS	Facility Index System
FIRM	Flood Insurance Rate Map
FUDS	Formerly Used Defense Site
LUST	Leaking underground storage tank
NFRAP	No Further Remedial Action Planned
NPL	National Priorities List
PCB	Polychlorinated biphenyl
RCRA	Resource, Conservation, and Recovery Act
RP	Responsible party
SHWS	State Hazardous Waste Sites
SWF/LF	Solid Waste Facility/Landfill Facility
TSCA	Toxic Substances Control Act
USACE	U.S. Army Corps of Engineers
USGS	United States Geological Survey
UST	Underground storage tank

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT FORMER ALASKA PACKERS CANNERY PILOT POINT, ALASKA**

## **1.0 INTRODUCTION**

This report presents the results of our Phase I Environmental Site Assessment (ESA) for the Former Alaska Packers Cannery in Pilot Point, Alaska (hereafter subject property). The subject property is located on Cannery Road, along the shore of Ugashik Bay (Figure 1) in the Lake and Peninsula Borough. The subject property is bounded to the north by residential properties, to the south by undeveloped City of Pilot Point (City) property, to the east by residential properties, and to the west by Ugashik Bay (Figure 1). Hart Crowser was contracted by the State of Alaska Department of Environmental Conservation (DEC), to perform this Phase I ESA under our Term Contract No. 18-9028-11, Notice to Proceed No. 18-9028-11-05 (dated October 30, 2006).

### ***1.1 Purpose***

The purpose of this Phase I ESA is to provide information on current site conditions, as well as past practices, and to identify environmental hindrances and the extent of a previously identified release of petroleum products at the subject property.

### ***1.2 Involved Parties***

The subject property is currently owned by the City.

### ***1.3 Scope of Work***

This project consists of a Phase I ESA. The ESA was conducted in general accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Phase I ESAs (E 1527-05). Included in the Phase I ESA was a site visit to visually inspect the interior and exterior of the subject property and surrounding facilities.

Historical aerial photograph reviews and literature searches were conducted to identify previous land use; local environmental regulatory agencies were contacted or visited during record review to identify contaminated sites and underground storage tanks (USTs) in the area. Other reviews were conducted for title and land ownership and contacts were made to the recorder's office and local utility companies. These tasks are summarized below:

- We obtained historical aerial photographs from Aero-Metric, Inc;
- We conducted interviews with Ms. Valerie Jefferies (City Manager), Mr. Steven Kramer (City Maintenance), and Mr. Ace Grietchen (elder) of Pilot Point, Alaska, for institutional knowledge of past land use at the subject property;
- We searched the DEC UST database to gather information about USTs in the project area;
- We conducted a regulatory agency environmental records search to identify contaminated sites and USTs in the area;
- We contacted public utility services to verify utilities connected to the subject property;
- We obtained environmental risk management information reports from Environmental Data Resources, Inc. (EDR), for the subject property; and
- We conducted a site reconnaissance to observe existing conditions on and adjacent to the subject property.

Additional sources were reviewed to evaluate the geological, hydrogeological, and topographical information of the region.

Due to a technical malfunction, we were unable to obtain a digital video recording of the subject property.

## **2.0 GENERAL SITE CHARACTERISTICS**

The subject property is situated along the shore of Ugashik Bay. In 1892, Charles Nelson opened a saltery on the subject property. This saltery was sold to the Alaska Packers Association in 1895 (Alaska Department of Commerce, Community, and Economic Development [ADCCED] 2007).

Two cannery operations were originally located in the Ugashik River area and in 1898, these operations were consolidated at U.S. Survey 63. By 1918, the saltery had developed into a three-line cannery operation. In 1939, the estimated number of staff at the Pilot Point Cannery was 200. After World War II, the Pilot Point Cannery was operated as a fish camp/buying station up until 1973 when the State of Alaska closed the Ugashik River to commercial fishing. The company closed the fish camp at Pilot Point in 1973, but continued to buy

fish from a floating operation until the canneries were sold in 1982. Ownership of the cannery was transferred to the City approximately 15 years ago.

## ***2.1 Legal Description***

The legal description for the subject property is Lots 2 and 3, of the U.S. Survey 63A and Alaska Tideland Survey 65 and Tract "A" of the subdivision of Lot 4 of U.S. Survey 63A and Alaska Tideland Survey 65, as shown and described on Plats 85-29 and 85-34 filed in the Kvichak Recording District, Third Judicial District, State of Alaska. The U.S. Geological Survey (USGS) Ugashik (C-5), topographic map (Figure 1) covers the property.

The subject property comprises approximately 26.6 acres.

## ***2.2 Adjacent Properties***

Adjacent properties to the north and east are residential. The property to the south is undeveloped and is owned by the City.

## ***2.3 Site Description and Current Site Uses/Operations***

The project site consists of a level lot with a large gravel parking area and several vegetated areas. There are numerous buildings on the site (Figure 2). The main operations took place in four connected warehouse-type buildings. Two of these buildings were destroyed in a windstorm approximately 10 years ago and have been removed. Currently the City utilizes the Former North Cannery Building (Building F) for heavy equipment storage. Pilot Point Electrical, the local electrical utility, which is owned and operated by the City, uses the Former Provision Warehouse (Building C) for storage.

Past uses of the buildings on the subject property include:

- Building A: Former bunkhouse;
- Building B: Former private residence, this building was not occupied at the time of the site visit;
- Building C: Former provision warehouse;
- Building D: Former web loft;
- Building E: Former messhall and cook house;

- Building F: Former north main cannery building;
- Building G: Former dock;
- Building H: Former south main cannery building;
- Building I: Small wood building, approximately 20-feet by 20-feet in size, that was not accessible at the time of the site visit and it's previous use is unknown; and
- Building J: A wood frame building with metal siding, approximately 30-feet by 80-feet in size, possibly used for equipment maintenance and storage.

## ***2.4 Past Site Uses/Operations***

Based on information obtained from the DEC, the City, and from historical aerial photographs, the subject property was undeveloped prior to construction of the cannery in the 1890's. Aside from recent use for equipment storage, the buildings have been used to support a cannery operation since their development. The following chronology lists past uses of the property since 1892:

- 1892: The subject property is developed and utilized as a saltery;
- 1895 – 1984: Alaska Packers Association/DMC Properties, Inc. (fish cannery);
- 1984 – 1985: Alagnak Associates (fish cannery);
- 1985 – 1992: Pilot Point Community Council (equipment storage); and
- 1992 – City (equipment storage).

## **3.0 USER PROVIDED INFORMATION**

### ***3.1 Title Records***

A title search identified four previous owners of the subject property. Owners and dates of ownership are as follows:

- 1892 – 1895: Charles Nelson;

- 1895 – 1984: Alaska Packers Association/DMC Properties, Inc., now known as Del Monte Foods;
- 1984 – 1985: Alagnak Associates, now known as Trillium Corporation;
- 1985 – 1992: Pilot Point Community Council; and
- 1992 – Present: City.

### ***3.2 Environmental Liens or Activity and Use Limitations***

A search of relevant State of Alaska databases showed no environmental liens or activity and use limitations for the subject property.

### ***3.3 Specialized Knowledge***

The DEC provided information regarding a reported spill of Bunker “C” oil on the subject property. Information regarding efforts to identify all potentially responsible parties was also provided by the DEC.

### ***3.4 Commonly Known or Reasonably Ascertainable Information***

It is commonly known that the subject property was used as a saltery and cannery operation from 1892 to approximately 1985.

### ***3.5 Valuation Reduction for Environmental Issues***

We found insufficient evidence to devalue the subject property on the basis of any identified environmental issues.

### ***3.6 Reason for Performing Phase I ESA***

This Phase I ESA is being performed as part of an DEC Brownfield Assessment for the subject property. Brownfield assessments are conducted in an effort to reduce environmental uncertainties that might hinder the reuse or redevelopment of a property.

## **4.0 ENVIRONMENTAL SETTING**

The subject property is located within the Lake and Peninsula Borough, on the north coast of the Alaska Peninsula, along the eastern shore of Ugashik Bay. Pilot Point is at an elevation of 82 feet above mean sea level. The Ugashik Bay

area has a maritime climate characterized by cool, humid, and windy weather. Average summer temperatures range from 41 degrees Fahrenheit (°F) to 60 °F, and average winter temperatures range from 20 °F to 37 °F (Alaska Department of Natural Resources [ADNR] 2007). Low cloud cover and fog are common in the area.

#### ***4.1 Regional Geology***

Land surrounding Pilot Point is relatively level and punctuated by many small lakes, which are the remnants of glacial activity during the Pleistocene epoch. Surficial deposits in Pilot Point are a mix of Quaternary-age alluvial deposits and moraines and other glacial deposits (Wilson et al. 1999). The exact thickness of these deposits in the area of the subject property is unknown. These geologic units are possibly underlain by Tertiary-age volcanic rocks (Wilson et al. 1999). Low lying areas, such as the subject property, may contain substantial thicknesses of peat.

The Ugashik Bay area, in general, is seismically active. Much of the seismic activity is associated with Mount Chiginagak, an active volcano located approximately 37 miles southeast of Pilot Point. The most recent explosive eruption occurred in July 1971 (USGS 2007). An increase in fumarolic activity was reported in 1997 and 1998 (McGimsey et al. 2004).

#### ***4.2 Regional Hydrogeology***

Numerous lakes, ponds, and extensive areas of wetlands are characteristic of the Ugashik Bay area. Rivers and streams in the area are typically low gradient and meandering and the principal drainage is the Ugashik River (ADNR 2007). There are extensive areas of sheltered tidal flats in the tideland areas around Pilot Point.

We were unable to locate a source of published information on the regional hydrogeology of Pilot Point. Given its proximity to Ugashik Bay and the Ugashik River, it is likely that groundwater is relatively shallow and that localized flow direction is to the west, toward Ugashik Bay.

#### ***4.3 Wetlands***

Data for Pilot Point were not available on the National Wetlands Inventory (NWI) Map (NWI 2007).



#### **4.4 Flood Zone**

A Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map was not available for Pilot Point. The U.S. Army Corps of Engineers (USACE) website indicates that there are no reported flooding incidents for the community of Pilot Point, Alaska (USACE 2007).

#### **4.5 Local Subsurface Conditions**

Information on the subsurface conditions on the subject property was unavailable. Surface conditions in the Pilot Point area generally consist of unconsolidated, poorly sorted to well sorted, poorly to moderately well-stratified sand, gravel, and silt (Wilson et al 1999). The Ugashik Bay area is generally free of permafrost (ADNR 2007).

One drinking water well was located on the subject property west of the Former Provision Warehouse (Building D) and to the east of an abandoned house (Building B). This well is no longer in use. The water level inside the well casing was visible at the time of the site visit and was estimated to be approximately 7 feet below ground surface. There were no wells or public water supply systems reported on the EDR Report within a 1-mile radius of the subject property (EDR 2006); however, all of the residences and public buildings in Pilot Point are served by wells.

### **5.0 RECORDS REVIEW**

Hart Crowser contracted with EDR to review regulatory agency database lists for the subject property in accordance with current ASTM Standards (E 1527-05). EDR acquires data from government agencies on various media such as magnetic tape, disk, electronic, and hard copy. The agency-published databases are screened for documented sites of potential concern. The EDR report was referenced for governmental records search. Governmental records searched include DEC's UST and Contaminated Sites Database, The U.S. Environmental Protection Agency's (EPA's) Region 10 Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) list, and Resource Conservation and Recovery Act (RCRA) list to evaluate past incidents involving contaminated sites, UST, and Leaking UST (LUST) sites within a 1/4-mile radius of the subject property (Appendix A).

### ***5.1 Results of Agency List Review and File Search***

There were no contaminated sites or registered UST sites identified in the EDR report within a 1/4-mile radius of the subject property (EDR 2006). The nearest listed contaminated site is approximately 8 miles southeast of the subject property along the Ugashik River in the village of Ugashik, Alaska.

The subject property was listed in the EDR report on the “orphan summary” list as part of the Alaska Spills database.

The DEC Contaminated Sites Database was searched for additional information regarding this spill (DEC 2007). The site was added to the DEC Contaminated Sites Database in 1990 as Spill No. 96269926201, DEC Reckey No. 1990250114501. According to DEC records, approximately 3,000 gallons of old Bunker “C” oil was released from a 16,000-gallon vertical aboveground storage tank (AST) on April 28, 1992. Reportedly, the release occurred from the corroded base of the AST. It is possible that this release was actually an old release that was reported in 1992.

### ***5.2 Results of Site History/Land Use Review***

Publicly available aerial photographs, historical maps, and other relevant sources of literature were investigated for historical land use of the subject property. The subject property was used as a fish saltery and cannery from 1892 until approximately 1982.

### ***5.3 Other Agency Review***

Electricity to Buildings C and F on the subject property is provided by Pilot Point Electrical. None of the other buildings at the site received power at the time of the site visit. Transformers in the vicinity of the subject properties contain less than 1 part per billion (ppb) polychlorinated biphenyls (PCB) per Steven Kramer of Pilot Point Electrical.

Two ASTs supply heating fuel to Buildings C and F on the subject property. There were no noticeable leaks or reported spills from these ASTs at the time of the site visit.

The subject property is not serviced by any water or wastewater utilities and there was no visual evidence of septic tanks or leachfields on the subject property at the time of the site visit.

## **5.4 Aerial Photograph Review**

Several aerial photographs were reviewed to identify land use in the general area of the subject property. Two aerial photographs that illustrate land use patterns for the property prior to closure of the cannery and after closure of the cannery were selected for presentation in this Phase I ESA report; selected photographs included those taken in 1972 and 1989.

The two aerial photographs purchased from Aero-Metric, Inc., are dated September 19, 1972, and September 14, 1989. These photographs are included as Appendix B.

The 1972 aerial photograph shows the subject property during active operation as a cannery. All buildings on the subject property have been constructed and are present at this time. There are several established dirt roads surrounded by large stands of scrub-shrub wetlands dominated by willows and alders (Figure B-1). The tank farm is visible in this photograph. A second tank farm located southeast of Building J is also visible. These tanks were reportedly used for water storage. There are two visible tanks to the northeast that appear to be water tanks. A water line is visible from these tanks to a nearby lake. Equipment and debris are present on much of the subject property.

The cannery on the subject property was no longer active in 1989 (Figure B-2); however, the aerial photograph shows an airplane parked near one of the buildings suggesting that at least a portion of the property, possibly the abandoned house, was occupied at the time. There is no evidence of aircraft fuel storage in the photograph. The aerial photograph shows evidence of secondary vegetation growth in many areas surrounding the cannery buildings. Several structures, most likely dormitories, in the southern portion of the subject property that were present in the 1972 photograph were no longer present in 1989. Adjacent site improvements included dirt roads and trailers, as well as an increase of residential structures.

The beach to the south of the cannery dock appears to have widened in the 1989 photograph. During our interview with Mr. Ace Grietchen, he stated that the channel in adjacent Ugashik Bay changed during the 1980s. This change in the channel could explain the difference in the beach from the 1972 photograph to the 1989 photograph. A low tide is another possible explanation for the difference in shoreline. There was no visible soil staining in either photograph.

Recent aerial photographs reviewed show that the water tanks have been removed and the large building present in the southwest of both photographs has been removed as well. The two buildings attached to the north side of

Building F, that were damaged in a wind storm and subsequently removed several years ago are visible in both the 1972 and the 1989 photographs. Recent aerial photography shows that these buildings are no longer present.

### **5.5 Fire Insurance Maps**

Archival fire maps from either Sanborn or other fire insurance map companies do not cover the subject property.

## **6.0 SITE RECONNAISSANCE**

As part of the Phase I ESA, Hart Crowser personnel performed a site reconnaissance of the subject property. The locations of significant site features and topics of concern are discussed below. Selected photographs taken at the time of the site visit are included in Appendix C.

### **6.1 Site Reconnaissance Observations**

On May 1 and 2, 2007, Ms. Caryn Orvis of Hart Crowser conducted a site reconnaissance of the subject property. Ms. Orvis inspected the subject property, including all accessible buildings. Several buildings were inaccessible at the time of the site visit, either because of safety concerns or because they were boarded up. Items noted in the site reconnaissance (electrical equipment storage, water wells, and ASTs) were corroborated by information from the City of Pilot Point.

#### **6.1.1 PCBs**

We evaluated the following for potential sources of PCBs:

**Fluorescent Light Fixtures.** Several fluorescent light fixtures were identified in the Former North Main Cannery building (Building F). The lights were inaccessible given the height of the ceiling; therefore, they were not disassembled nor visually examined for labels. Ballasts manufactured through 1979 and those without a “No PCBs” label on them should be assumed to contain PCBs. The Toxic Substances Control Act of 1976 banned storage and distribution of PCB-containing ballasts and regulates their disposal and storage.

**Electrical Transformers.** Nine electrical transformers are located in the Former Provision Warehouse/Building C (Figure 2). Mr. Steven Kramer of Pilot Point Electric stated that the transformers contain less than 1 ppb PCBs.

### **6.1.2 Above/Underground Fuel Storage Tanks**

Ten ASTs of varying sizes were observed on the subject property. There are no visible surface indications of USTs. Three of the ASTs were located inside buildings, two in the Former Provision Warehouse (Building C), and the other inside the Former North Main Cannery (Building F). These ASTs were no longer in use, and had previously stored heating oil for the buildings. All have capacities of less than 2,000 gallons. These ASTs were not checked for product at the time of the site survey and it is possible that there are residual fluids and fuel in them. No leaks or spills were noted in association with these ASTs.

Seven ASTs are located east of the Former South Main Cannery Building (Building H) in a bermed area. There are three 19.6-foot long by 9.4-foot wide horizontal ASTs, two 19-foot long by 8-foot wide horizontal ASTs, and two 16,000-gallon vertical ASTs. These tanks were reportedly used to store Bunker "C" fuel oil and gasoline during the time the cannery was active. According to the DEC Contaminated Sites Database, four of these ASTs still contain a small amount of product (DEC 2007).

During the site survey on May 1 and 2, 2007, Mr. Ace Grietchen (village elder) stated that to his knowledge, there were never any USTs located on the property.

### **6.1.3 Stained Surface Soils**

Stained soils were noted in the vicinity of the Tank Farm (Figure 2). Surface staining observed is most likely due to the release of Bunker "C" oil in 1992. Evidence of leakage from one of the ASTs was observed during the site visit (see Appendix C, Page C-9).

Stained soils were also noted near the Former North Main Cannery Building (Building F) and near the "L" connecting the Former North and South Main Cannery buildings (Buildings F and H; Figure 2). Rusted and partially full 55-gallon drums were noted nearby during the site visit (see Appendix C; Pages C-14 and C-17).

Hydrocarbon staining was also noted on the concrete floor of the Former Provision Warehouse (Building C), the Former North Main Cannery Building (Building F), and the Former South Main Cannery Building (Building H) (Appendix C; Pages C-1 and C-15). The staining on the floor in Building C appears to have traveled down the expansion joint in the concrete.

#### **6.1.4 Air Emissions**

At the time of the site visit there were no waste incinerators or other regulated sources of air emissions located on the subject property.

#### **6.1.5 Wastewater**

At the time of the site visit, the buildings on the subject property did not have an active sewer or wastewater disposal system.

#### **6.1.6 Pesticides/Herbicides**

No stored pesticides or herbicides were observed either on site or in property buildings.

#### **6.1.7 Asbestos-Containing Building Materials (ACBM)**

All buildings on the subject property were constructed prior to 1918; therefore, the presence of ACBM is likely.

#### **6.1.8 Drycleaners**

No dry cleaning chemicals are known to have been used on the property. And there are no dry cleaners located in the immediate vicinity of the property.

#### **6.1.9 Landfills, Waste Generation, and Disposal**

Review of historic aerial photographs did not reveal evidence of any solid waste sites near the subject property. The Pilot Point Landfill is located several miles northeast of the site. All waste generated on site is disposed of at this landfill.

There was no evidence of dumping or disposal of solid waste occurring on the subject property.

#### **6.1.10 Water Supply**

The subject property is not connected to a public water service and no active wells were identified during the site visit.

#### **6.1.11 Lead-Based Paint (LBP)**

Given the age of the buildings, some original paint could contain lead. We observed that many of the painted surfaces are in poor condition and could

present an exposure risk. The paint on many of the interior painted surfaces was flaking and in poor condition. Exterior paint was severely weathered on most of the buildings and it is likely that soils around the buildings have been impacted by lead.

#### **6.1.12 Miscellaneous Observations**

**Miscellaneous Automotive Fluids.** Several containers of miscellaneous automotive fluids (i.e. engine oil, brake fluid, etc.) were observed in the Former Provision Warehouse (Building C) and the Former North Main Cannery Building (Building F) at the time of the site visit. These containers were either full or partially full. No spills or leaks were noted.

**Miscellaneous 55-Gallon Drums.** Several 55-gallon drums with various contents were noted on the subject property. A partially full drum of mineral spirits (Petroleum Distillates, UN1268) was noted inside the Former Provision Warehouse (Building C). Two partially full drums of oil were also found inside the Former Provision Warehouse, one with approximately 20 gallons of heating oil and the other with approximately 25 gallons of transformer oil that was labeled “does not contain PCBs.” Two empty, rusted drums were noted outside Building I. Stained soils were not noted in the vicinity of these drums. Approximately 20 rusted 55-gallon drums were found in the marsh to the south of the tank farm. Markings or other identifying features were not visible on the drums. It is possible that there are more drums in this area that have been covered by vegetation and were not visible at the time of the site visit. Several 55-gallon drums were found inside both of the main cannery buildings (Building F and Building H). The conditions of these drums varied, some were in good condition and others were rusted, some were empty and others were partially full. Some leaks were noted on the floor in Building F near these drums.

**Automotive Batteries.** Six plastic totes, each approximately 4-feet long by 3-feet wide by 3-feet high, with several used automotive batteries were found inside the Former South Main Cannery Building (Building H). Several batteries were inside each tote and many of the batteries were broken. No leaks or spills were noted in the vicinity of these batteries. Several broken automotive batteries were also observed on the exterior of this building, near the southwest corner (see Appendix C; Page C-18).

**General Debris.** A large amount of debris was noted on the subject property. Debris was found both inside and outside of the buildings and included miscellaneous building materials, vehicle parts, vehicles, boats, scraps of metal, electrical wiring, coated wooden piping, cylinders of compressed gas, and empty paint buckets. Photographs of these materials are included in Appendix C.

## **6.2 Adjacent Site and Vicinity Observations**

The subject property is adjacent to undeveloped lands and to residential properties. There have been no reported incidents of contamination associated with any adjacent properties.

## **7.0 PERSONNEL INTERVIEWS**

On May 1, 2007, Mr. Ace Grietchen, Pilot Point village elder, was interviewed about the subject property. Mr. Grietchen provided some historical information of the property, which is included throughout this report. Ms. Valerie Jefferies and Mr. Steven Kramer, City of Pilot Point staff and long-time residents, were interviewed on May 1 and 2, 2007, at the subject property. Both provided information regarding past and current uses of the subject property.

## **8.0 CONCLUSIONS AND RECOMMENDATIONS**

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 and in accordance with our approved proposal (No. 07-4-1200-017), dated October 6, 2006, of the subject property as identified in the introduction in Pilot Point, Alaska. Any exceptions to, or deletions from this practice are described in this report.

We declare that to the best of our professional knowledge and belief, that, Ms. Orvis meets the definition of environmental professional as defined in 40 Code of Federal Regulations (CFR), Part 312, Section 10 (40 CFR 312.10) (EPA 2005) and that Ms. Orvis has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

This assessment has revealed no evidence of recognized environmental conditions in connection with the property, except for the following:

- The EDR search of government records and DEC records indicate that limited soil contamination might exist on the subject property due to a 1992 report of a release of Bunker "C" oil. Hart Crowser recommends additional subsurface investigation of the area in the vicinity of the tank farm to determine the extent of this reported contamination.



- Evidence of leakage from the tanks in the tank farm was identified during the site visit. Hart Crowser recommends placement of temporary containment near the source of these leaks and removal of all residual fluids from these tanks as soon as possible. Hart Crowser also recommends limited soil removal in the areas where these leaks have occurred.
- Given the age of the buildings on the subject property, it is likely that they contain ACBM and LBP. Hart Crowser recommends conducting a limited hazardous building material (HBM) survey to confirm the presence or absence of these materials. Surface soils in the vicinity of all buildings should be sampled for the presence of lead as part of this survey.
- Several areas of stained soil were noted on the subject property in the vicinity of 55-gallon drums. Hart Crowser recommends sampling the surface soils in all noted stained areas to determine the nature and extent of contamination from the leaking 55-gallon drums.
- Hydrocarbon stains on the concrete floors of several buildings were noted during the site visit. Hart Crowser recommends sampling the soils under the flooring in areas where the petroleum products have obviously migrated down an expansion joint or crack in the concrete floor.

## **9.0 LIMITATIONS**

Work for this project was performed, and this Phase I ESA report was prepared in accordance with generally accepted professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. It is intended for the exclusive use of the DEC for specific application to the referenced subject property. This report is not meant to represent a legal opinion. No other warranty, express or implied, is made.

We contracted with EDR to review regulatory agency database lists for the subject property and nearby areas for sites that suggest a potential for environmental concern to the property. EDR acquires data from government agencies on various media such as magnetic tape, disk, and hard copy. The agency-published databases are screened for documented sites of potential concern in general accordance with current ASTM Standards (E 1527-05). In reviewing their work, be advised that the regulatory agency database search is based on agency records, and is thus only as accurate as these records. As such, our review is strictly limited to the information provided to us by agency databases.

Our work for this report did not include testing of drinking water for lead content, sampling for air quality, assessment of storm or sanitary and sewer systems, sampling for radon vapor, nor identification of all HBM. Several buildings and portions of buildings were inaccessible at the time of the site survey due to safety concerns. Therefore, we do not guarantee that all environmental concerns were identified for all aspects of the subject property.

Questions regarding our work and this report, the presentation of the information, and the interpretation of the data are welcome and should be referred to the project manager at (907) 276-7475.

## **10.0 REFERENCES**

The following sources were consulted during this Phase I ESA.

### **10.1 Published References**

Aero-Metric, Inc., 2007. September 19, 1972, Aerial Photograph, Roll No. 72-17NP, Exposure No. 1-2.

Aero-Metric, 2007. September 14, 1989, Aerial Photograph, Roll No. 89-7W, Exposure No. 1-14.

American Society for Testing and Materials (ASTM), 2005. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E 1527-05. November 1, 2005.

Environmental Data Resources, Inc. (EDR), 2006. Alaska Packers Cannery, Lots 2, 3, and Lot 4, Tract A, USS 6, Pilot Point, AK 99649. November 10, 2006.

McGimsey, Robert G., Christina A. Neal, and Olga Girina, 2004. 1998 Volcanic Activity in Alaska and Kamchatka: Summary of Events and Responses of the Alaska Volcano Observatory, USGS Open-File Report 03-423, 35 p.

U.S. Environmental Protection Agency (EPA), 2005. Title 40, Code of Federal Regulations (CFR), Protection of the Environment, Part 312 (40 CFR 312). November 1, 2005.

U.S. Geological Survey (USGS), 1951. Ugashik (C-5), Alaska Quadrangle Map, July 1, 1951.

USGS, 1999. Geologic Map of the Alaska Peninsula, Southwest Alaska.

Wilson, Frederic H., Robert L. Detterman, and Gregory D. DuBois, 1999. Digital Data for Geologic Framework of the Alaska Peninsula, Southwest Alaska, and the Alaska Peninsula Terrane, USGS Open-File Report 99-317, 41 p.

## **10.2 Additional References**

Alaska Contaminated Sites Information was accessed on April 24, 2007, at [http://www.dec.state.ak.us/spar/csp/db\\_search.htm](http://www.dec.state.ak.us/spar/csp/db_search.htm) with information provided by the DEC.

Climate and Hydrogeologic Information for Pilot Point, Alaska was accessed on May 16, 2007, at [http://www.dnr.state.ak.us/mlw/planning/areaplans/bristol/pdf/bbap\\_ch3\\_reg14.pdf](http://www.dnr.state.ak.us/mlw/planning/areaplans/bristol/pdf/bbap_ch3_reg14.pdf) with information provided by the ADNRR.

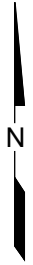
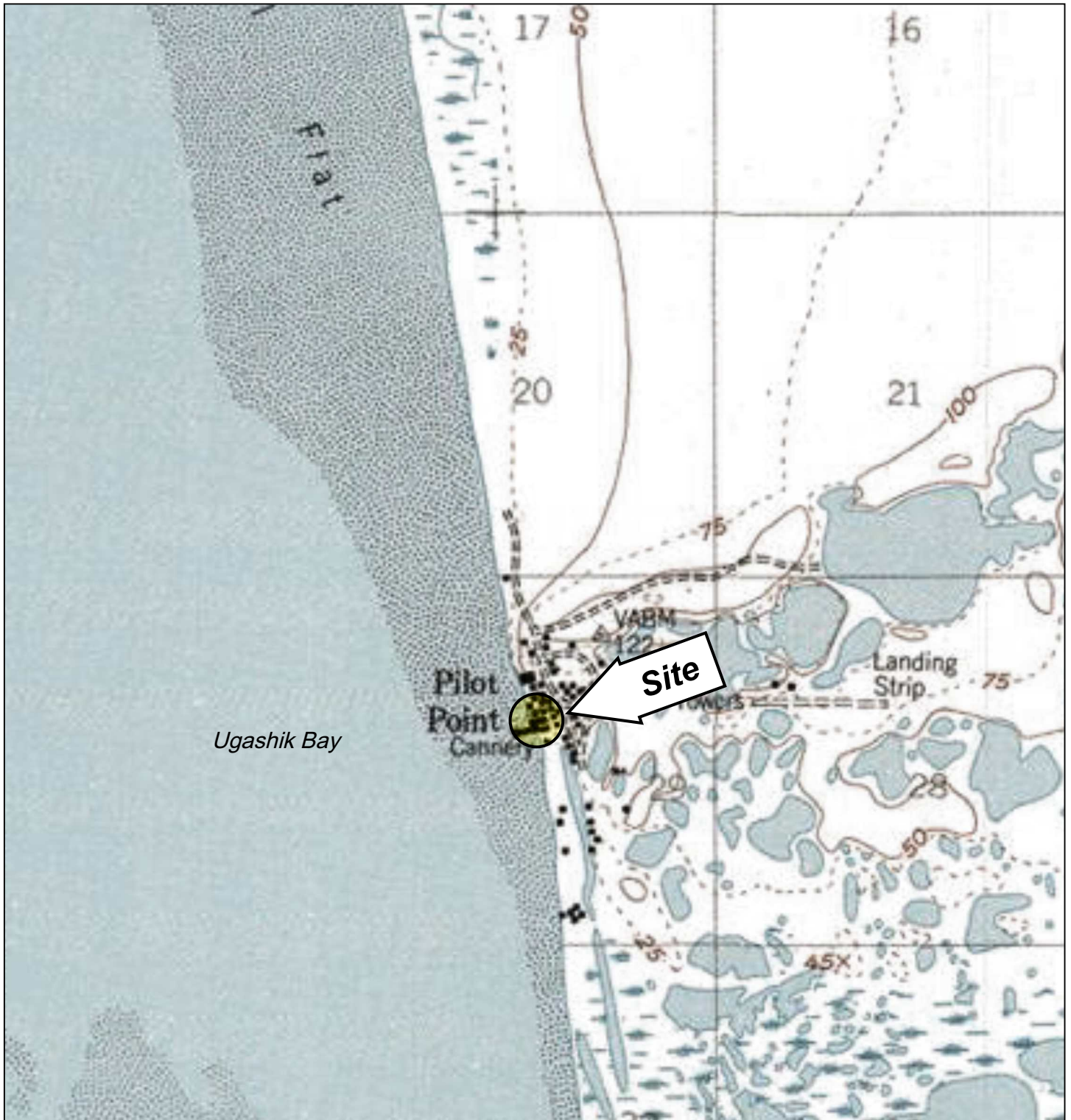
Floodplain Information for the Pilot Point area was accessed on May 16, 2007, at [http://www.poa.usace.army.mil/en/cw/fld\\_haz/pilot\\_point.htm](http://www.poa.usace.army.mil/en/cw/fld_haz/pilot_point.htm) with information provided by the U.S. Army Corps of Engineers (USACE).

Geologic information for Pilot Point was accessed on May 16, 2007, at <http://www.avo.alaska.edu/volcanoes/volcinfo.php?volcname=Chiginagak> with information provided by the USGS, Alaska Volcano Observatory (AVO).


NWI Map for Pilot Point accessed on May 16, 2007, at <http://wetlandsws.er.usgs.gov/NWI/index.html> with information provided by the U.S. Fish & Wildlife Service (USF&WS).

Pilot Point information was accessed at [http://www.geocities.com/ak\\_salmon\\_fisherman/1.html](http://www.geocities.com/ak_salmon_fisherman/1.html) and at <http://www.commerce.state.ak.us/dca/commdb/CIS.cfm> with information provided by the ADCCE.

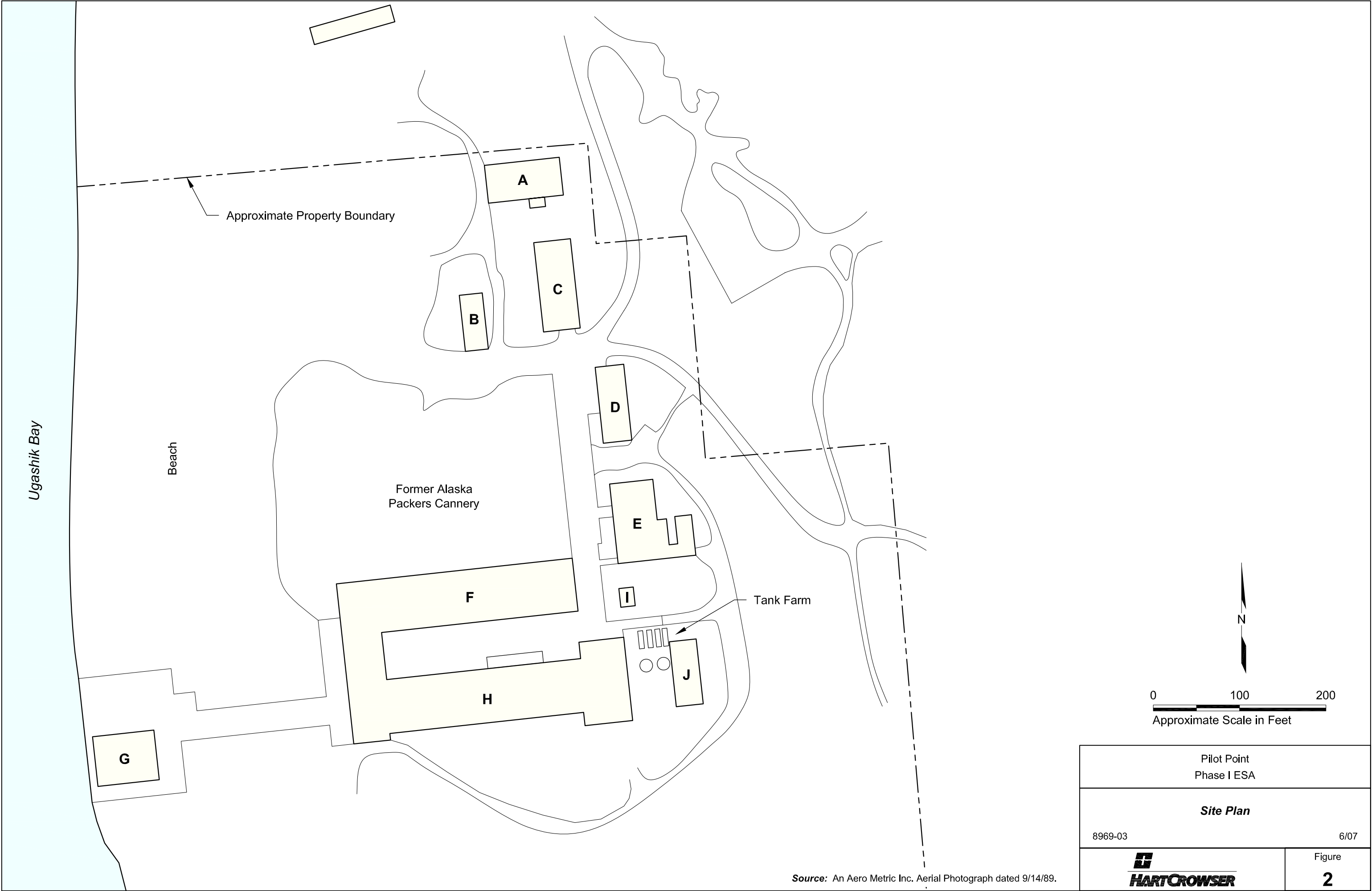
JAB 5/25/07




Source: USGS 7.5-minute quadrangle.

Pilot Point Phase I ESA	
<b>Site Location Map</b>	
8969-03	6/07
 <b>HARTCROWSER</b>	Figure <b>1</b>

896903 01 (Site Location).cdr



Source: An Aero Metric Inc. Aerial Photograph dated 9/14/89.

Pilot Point Phase I ESA	
Site Plan	
8969-03	6/07
	Figure 2

**APPENDIX A**  
**EDR REGULATORY AGENCY REVIEW REPORT**



## **The EDR Radius Map with GeoCheck®**

**Alaska Packers Cannery  
Lots 2, 3, & Lot 4 Tr A, USS 6  
Pilot Point, AK 99649**

**Inquiry Number: 1794041.1s**

**November 10, 2006**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

LOTS 2, 3, & LOT 4 TR A, USS 6  
PILOT POINT, AK 99649

#### COORDINATES

Latitude (North):	57.557600 - 57° 33' 27.4"
Longitude (West):	157.581100 - 157° 34' 52.0"
Universal Transverse Mercator:	Zone 4
UTM X (Meters):	584901.4
UTM Y (Meters):	6380134.0
Elevation:	0 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	N/A
Source:	USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### FEDERAL RECORDS

<b>NPL</b> .....	National Priority List
<b>Proposed NPL</b> .....	Proposed National Priority List Sites
<b>Delisted NPL</b> .....	National Priority List Deletions
<b>NPL RECOVERY</b> .....	Federal Superfund Liens
<b>CERCLIS</b> .....	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b> .....	CERCLIS No Further Remedial Action Planned
<b>CORRACTS</b> .....	Corrective Action Report
<b>RCRA-TSDF</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b> .....	Resource Conservation and Recovery Act Information

## EXECUTIVE SUMMARY

<b>RCRA-SQG</b>	Resource Conservation and Recovery Act Information
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>FINDS</b>	Facility Index System/Facility Registry System
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SHWS</b>	Contaminated Sites Database
<b>SWF/LF</b>	Solid Waste Facilities
<b>LUST</b>	Leaking Underground Storage Tank Database
<b>UST</b>	Underground Storage Tank Database
<b>AST</b>	Regulated Aboveground Storage Tanks
<b>AK Spills</b>	Spills Database
<b>Inst Control</b>	Contaminated Sites with Institutional Controls
<b>VCP</b>	Voluntary Cleanup Program sites
<b>DRYCLEANERS</b>	Drycleaner Facility Listing
<b>BROWNFIELDS</b>	Identified and/or Proposed Brownfields Sites
<b>CDL</b>	Illegal Drug Manufacturing Sites
<b>NPDES</b>	Wastewater Discharge Permit Listing
<b>AIRS</b>	AIRS Facility Listing

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
<b>INDIAN LUST</b>	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b>	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants...** EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

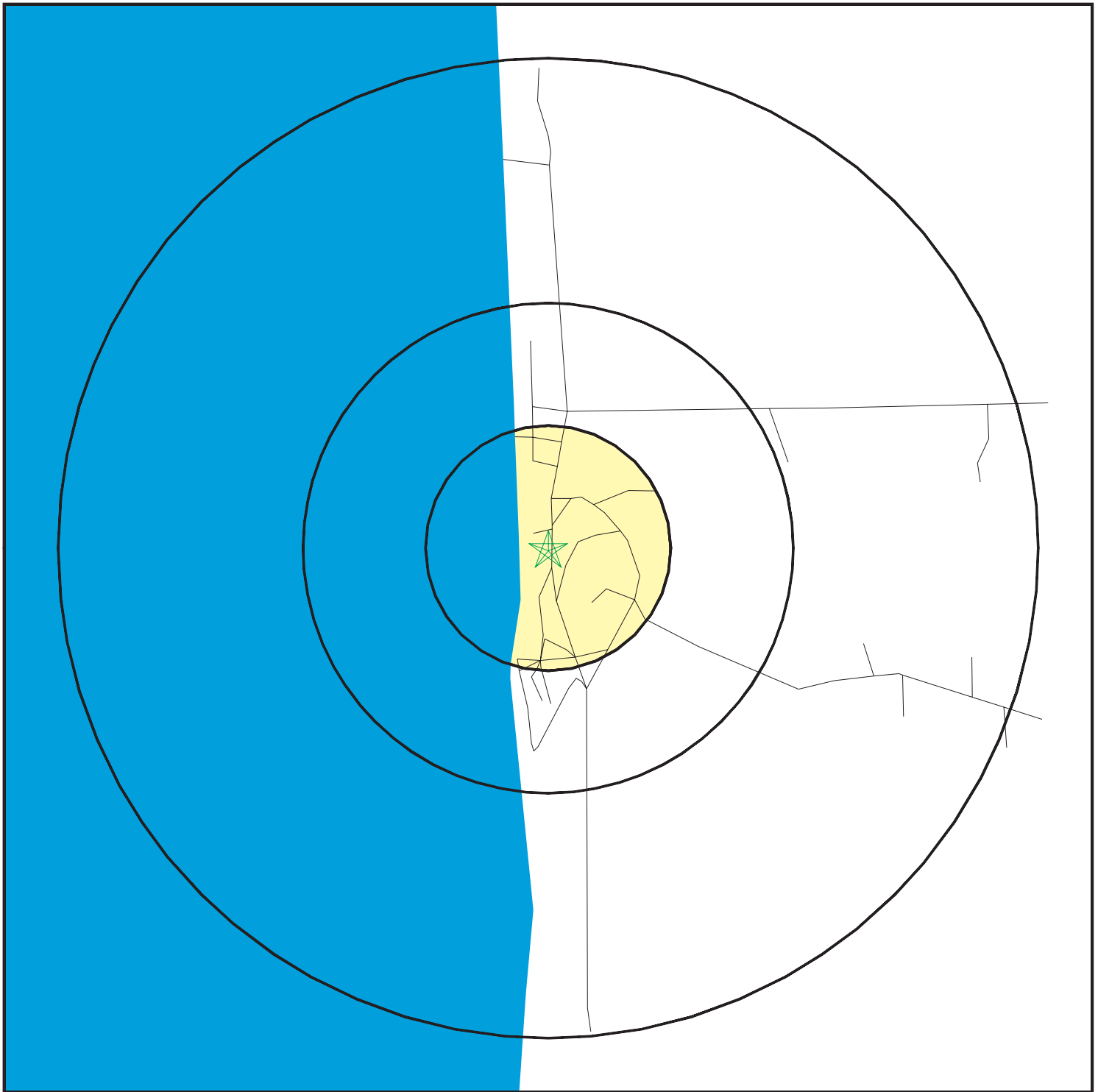
Site Name

PILOT POINT AT OLD ALASKA PACKERS CANNERY FUEL TAN  
UGASHIK CANNERY TANKS

Database(s)

AK Spills  
AK Spills

# OVERVIEW MAP - 1794041.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

0 1/4 1/2 1 Miles

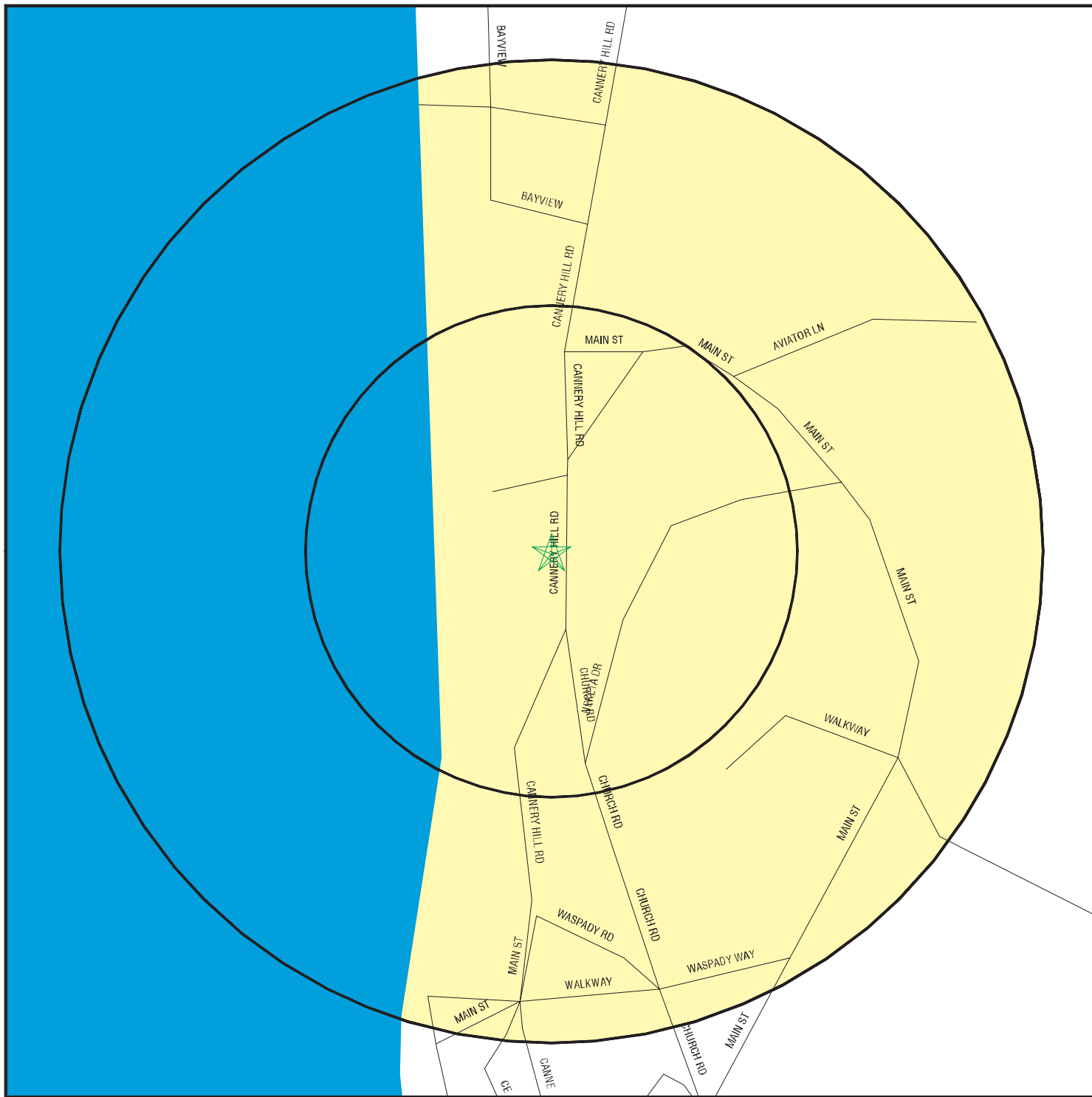
Indian Reservations BIA



SITE NAME: Alaska Packers Cannery  
 ADDRESS: Lots 2, 3, & Lot 4 Tr A, USS 6  
 Pilot Point AK 99649  
 LAT/LONG: 57.5576 / 157.5811

CLIENT: Hart Crowser, Inc.  
 CONTACT: Steve Gruhn  
 INQUIRY #: 1794041.1s  
 DATE: November 10, 2006 1:13 pm

# DETAIL MAP - 1794041.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🚚 National Priority List Sites
- 🗑 Landfill Sites
- 🏢 Dept. Defense Sites

Indian Reservations BIA

SITE NAME: Alaska Packers Cannery  
 ADDRESS: Lots 2, 3, & Lot 4 Tr A, USS 6  
 Pilot Point AK 99649  
 LAT/LONG: 57.5576 / 157.5811

CLIENT: Hart Crowser, Inc.  
 CONTACT: Steve Gruhn  
 INQUIRY #: 1794041.1s  
 DATE: November 10, 2006 1:14 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
AK Spills	TP		NR	NR	NR	NR	NR	0
Inst Control		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO SITES FOUND



## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PILOT POINT	S106347529	PILOT POINT AT OLD ALASKA PACKERS CANNERY FUEL TAN	PILOT POINT AT OLD ALASKA PACKERS CANNERY FUEL TAN		AK Spills
PILOT POINT	S106347797	UGASHIK CANNERY TANKS	UGASHIK CANNERY TANKS		AK Spills

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **NPL RECOVERY:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Data Arrived at EDR: 02/02/1994

Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267

Last EDR Contact: 08/21/2006

Next Scheduled EDR Contact: 11/20/2006

Data Release Frequency: No Update Planned

### **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/19/2006

Date Data Arrived at EDR: 06/22/2006

Date Made Active in Reports: 08/23/2006

Number of Days to Update: 62

Source: EPA

Telephone: 703-603-8960

Last EDR Contact: 09/21/2006

Next Scheduled EDR Contact: 12/18/2006

Data Release Frequency: Quarterly

### **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 07/17/2006

Date Data Arrived at EDR: 08/02/2006

Date Made Active in Reports: 09/12/2006

Number of Days to Update: 41

Source: EPA

Telephone: 703-603-8960

Last EDR Contact: 09/18/2006

Next Scheduled EDR Contact: 12/18/2006

Data Release Frequency: Quarterly

### **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006

Date Data Arrived at EDR: 03/17/2006

Date Made Active in Reports: 04/13/2006

Number of Days to Update: 27

Source: EPA

Telephone: 800-424-9346

Last EDR Contact: 09/05/2006

Next Scheduled EDR Contact: 12/04/2006

Data Release Frequency: Quarterly

### **RCRA:** Resource Conservation and Recovery Act Information

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/28/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

### **ERNS:** Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

### **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/03/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/19/2006	Telephone: 202-366-4555
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

### **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

### **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 08/11/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Semi-Annually

### **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/10/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

### **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/10/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/13/2006	Telephone: 202-566-2777
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Semi-Annually

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 10/23/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

### **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/10/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 703-416-0223
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

### **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### **PRP:** Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

### **TRIS:** Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Annually

### **TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Every 4 Years

### **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 07/14/2006	Source: EPA
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

### **SSTS:** Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

### **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

### **PADS:** PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/09/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Annually

### **MLTS:** Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

### **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **FINDS:** Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

## **RAATS:** RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: No Update Planned

## **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/20/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

## **STATE AND LOCAL RECORDS**

### **SHWS:** Contaminated Sites Database

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/19/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/09/2006	Telephone: 907-269-7546
Date Made Active in Reports: 10/19/2006	Last EDR Contact: 12/27/2006
Number of Days to Update: 10	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Semi-Annually

### **SWF/LF:** Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/07/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/08/2006	Telephone: 907-269-7632
Date Made Active in Reports: 09/11/2006	Last EDR Contact: 11/06/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Semi-Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **LUST:** Leaking Underground Storage Tank Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 09/13/2006  
Date Made Active in Reports: 10/19/2006  
Number of Days to Update: 36

Source: Department of Environmental Conservation  
Telephone: 907-465-5301  
Last EDR Contact: 09/13/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Semi-Annually

### **UST:** Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 09/13/2006  
Date Made Active in Reports: 10/10/2006  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 907-269-7504  
Last EDR Contact: 09/13/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Semi-Annually

### **AST:** Regulated Aboveground Storage Tanks

The list covers "regulated" facilities with storage capacities above 10,000 barrels (or 5,000 barrels of crude).

Date of Government Version: 01/05/2005  
Date Data Arrived at EDR: 01/06/2005  
Date Made Active in Reports: 02/02/2005  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 907-465-5231  
Last EDR Contact: 10/11/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Varies

### **SPILLS:** Spills Database

Date of Government Version: 08/01/2006  
Date Data Arrived at EDR: 08/02/2006  
Date Made Active in Reports: 09/11/2006  
Number of Days to Update: 40

Source: Department of Environmental Conservation  
Telephone: 907-465-5242  
Last EDR Contact: 10/30/2006  
Next Scheduled EDR Contact: 01/29/2007  
Data Release Frequency: Semi-Annually

### **Inst Control:** Contaminated Sites with Institutional Controls

Contaminated sites that have institutional controls.

Date of Government Version: 09/19/2006  
Date Data Arrived at EDR: 10/09/2006  
Date Made Active in Reports: 10/19/2006  
Number of Days to Update: 10

Source: Department of Environmental Conservation  
Telephone: 907-269-3063  
Last EDR Contact: 09/11/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Semi-Annually

### **VCP:** Voluntary Cleanup Program sites

Sites involved in the Voluntary Cleanup Program.

Date of Government Version: 09/19/2006  
Date Data Arrived at EDR: 09/20/2006  
Date Made Active in Reports: 10/19/2006  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 907-451-2182  
Last EDR Contact: 09/11/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Varies

### **DRYCLEANERS:** Drycleaner Facility Listing

A listing of drycleaning facilities in Alaska.

Date of Government Version: 02/15/2006  
Date Data Arrived at EDR: 02/16/2006  
Date Made Active in Reports: 03/15/2006  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 907-269-7577  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **BROWNFIELDS:** Identified and/or Proposed Brownfields Sites

Brownfield properties are defined by U.S Environmental Protection Agency (EPA) as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contamination." DEC is developing resources to assist eligible entities in Alaska in applying for EPA brownfields grants. The program also will provide technical assistance and perform some site assessments. The purpose of these assessments is to assist local redevelopment efforts on previously contaminated properties that are vacant or underused.

Date of Government Version: 08/28/2006  
Date Data Arrived at EDR: 10/09/2006  
Date Made Active in Reports: 10/19/2006  
Number of Days to Update: 10

Source: Department of Environmental Conservation  
Telephone: 907-451-2166  
Last EDR Contact: 09/13/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Varies

### **CDL:** Illegal Drug Manufacturing Sites

A list of properties that have been determined to be illegal drug manufacturing sites.

Date of Government Version: 08/31/2006  
Date Data Arrived at EDR: 09/13/2006  
Date Made Active in Reports: 10/19/2006  
Number of Days to Update: 36

Source: Department of Environmental Conservation  
Telephone: 907-269-7543  
Last EDR Contact: 09/13/2006  
Next Scheduled EDR Contact: 12/11/2006  
Data Release Frequency: Varies

### **NPDES:** Wastewater Discharge Permit Listing

A listing of permitted wastewater facilities.

Date of Government Version: 08/03/2006  
Date Data Arrived at EDR: 08/04/2006  
Date Made Active in Reports: 09/11/2006  
Number of Days to Update: 38

Source: Department of Environmental Conservation  
Telephone: 907-465-5480  
Last EDR Contact: 10/30/2006  
Next Scheduled EDR Contact: 01/15/2007  
Data Release Frequency: Varies

### **AIRS:** AIRS Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 08/14/2006  
Date Data Arrived at EDR: 08/15/2006  
Date Made Active in Reports: 09/11/2006  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 907-451-2103  
Last EDR Contact: 11/06/2006  
Next Scheduled EDR Contact: 02/05/2007  
Data Release Frequency: Varies

## **TRIBAL RECORDS**

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/08/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 177

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 08/11/2006  
Next Scheduled EDR Contact: 11/06/2006  
Data Release Frequency: Semi-Annually

### **INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006  
Date Data Arrived at EDR: 09/08/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 61

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/21/2006  
Next Scheduled EDR Contact: 11/20/2006  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3372
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6271
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006	Source: EPA Region 6
Date Data Arrived at EDR: 08/29/2006	Telephone: 214-665-7591
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

## INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

## EDR PROPRIETARY RECORDS

### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006  
Date Data Arrived at EDR: 08/30/2006  
Date Made Active in Reports: 10/16/2006  
Number of Days to Update: 47

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/30/2006  
Next Scheduled EDR Contact: 11/27/2006  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

#### **Electric Power Transmission Line Data**

Source: PennWell Corporation

Telephone: (800) 823-6277

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

#### **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

#### **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

#### **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### **Daycare Centers: Child Care Facilities Database**

Source: Department of Education & Early Development

Telephone: 907-465-2800

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### **State Wetlands Data: Wetlands Inventory Data**

Source: Department of Fish & Game

Telephone: 907-465-4100

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

ALASKA PACKERS CANNERY  
LOTS 2, 3, & LOT 4 TR A, USS 6  
PILOT POINT, AK 99649

### **TARGET PROPERTY COORDINATES**

Latitude (North):	57.55760 - 57° 33' 27.4"
Longitude (West):	157.5811 - 157° 34' 52.0"
Universal Transverse Mercator:	Zone 4
UTM X (Meters):	584901.4
UTM Y (Meters):	6380134.0
Elevation:	0 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property:	N/A
Source:	USGS 7.5 min quad index

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

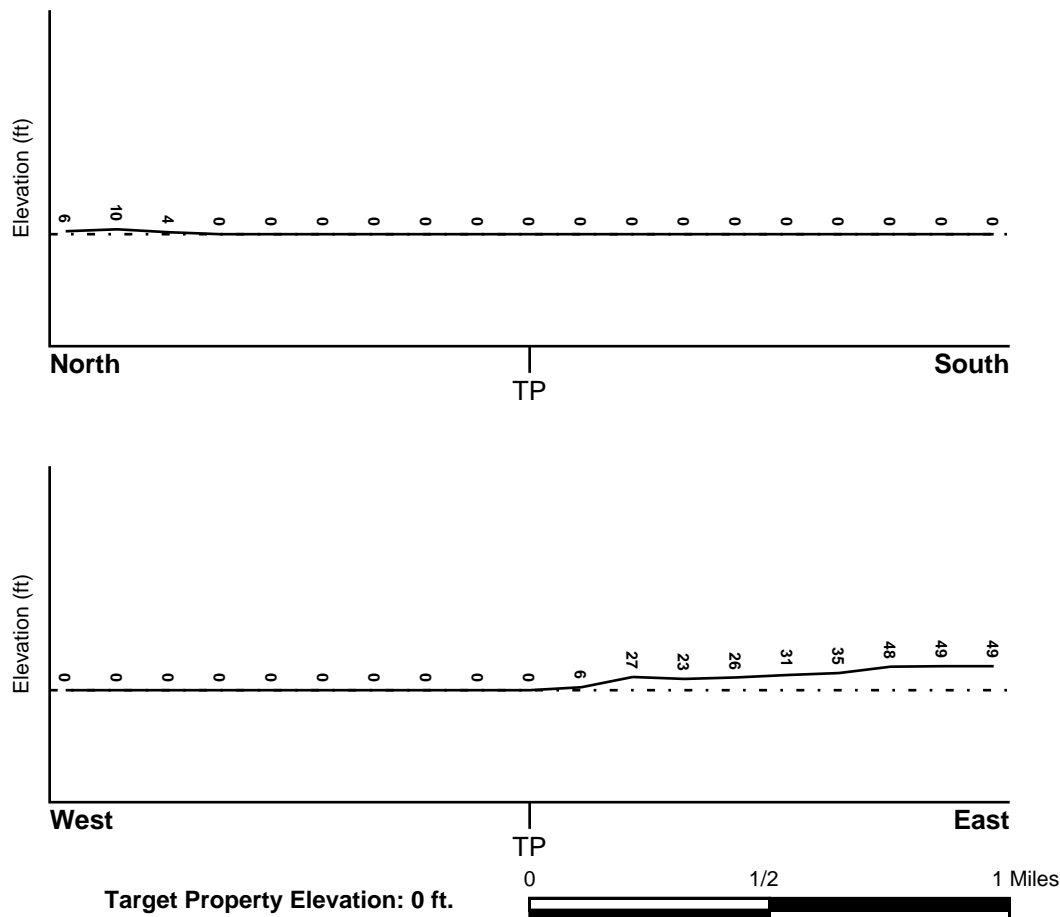
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
LAKE_AND_PENINSULA, AK	Not Available

Flood Plain Panel at Target Property:	Not Reported
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Additional Panels in search area:	Not Reported
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### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
Not Reported	N

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era: -  
System: -  
Series: -  
Code: N/A (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: FLUVAQENTIC CRYOFIBRISTS

Soil Surface Texture: peat

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	peat	A-8	Highly organic soils, Peat.	Max: 2.00 Min: 0.60	Max: 4.40 Min: 3.50
2	3 inches	42 inches	stratified	A-8	Highly organic soils, Peat.	Max: 2.00 Min: 0.60	Max: 4.40 Min: 3.50

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
silty clay

Surficial Soil Types: silt loam  
silty clay

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: weathered bedrock

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

### FEDERAL USGS WELL INFORMATION

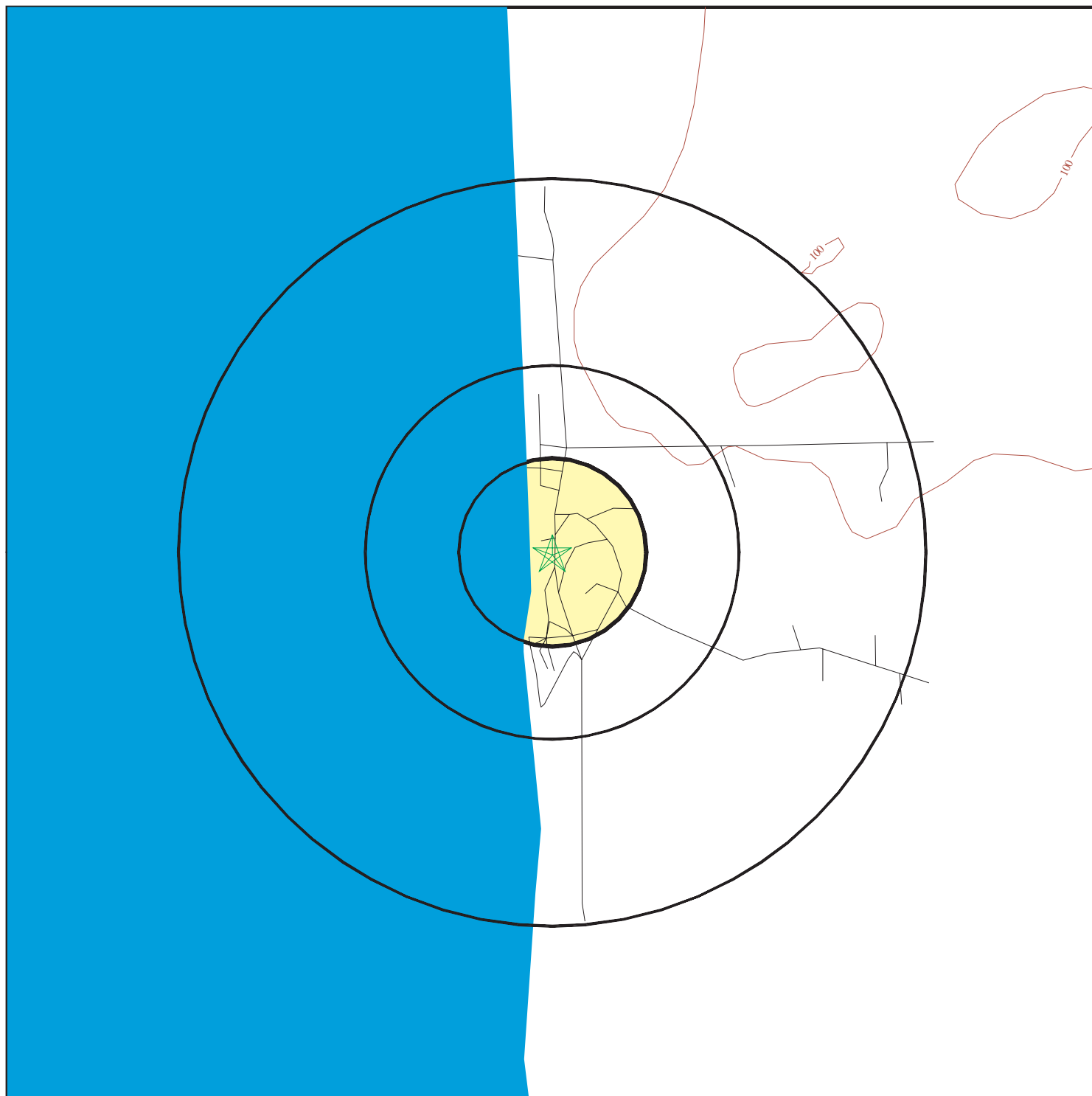
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		








### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION




<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

# PHYSICAL SETTING SOURCE MAP - 1794041.1s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location

SITE NAME: Alaska Packers Cannery  
 ADDRESS: Lots 2, 3, & Lot 4 Tr A, USS 6  
 Pilot Point AK 99649  
 LAT/LONG: 57.5576 / 157.5811

CLIENT: Hart Crowser, Inc.  
 CONTACT: Steve Gruhn  
 INQUIRY #: 1794041.1s  
 DATE: November 10, 2006 1:14 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: AK Radon

#### Radon Test Results

City	Zip	Total Sites	<0.5 pCi/L	0.5-2.0	2.1-4.0	4.1-10	10-20	>20 pCi/L
Pilot Point	99649	5	0	5	0	0	0	0

Federal EPA Radon Zone for LAKE AND PENINSULA County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### **State Wetlands Data: Wetlands Inventory Data**

Source: Department of Fish & Game

Telephone: 907-465-4100

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### RADON

#### **State Database: AK Radon**

Source: University of Alaska Fairbanks

Telephone: 907-474-7201

Radon Information

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### **Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## STREET AND ADDRESS INFORMATION

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## **APPENDIX B AERIAL PHOTOGRAPHS**



**1972 Aerial Photograph**  
**Former Alaska Packers Cannery**  
**Pilot Point, Alaska**



Approximate Scale: 1" = 325'



**1989 Aerial Photograph**  
**Former Alaska Packers Cannery**  
**Pilot Point, Alaska**



Approximate Scale: 1" = 325'

## **APPENDIX C SELECTED SITE PHOTOGRAPHS**





Photograph 1: South side of the Former Provision Warehouse (Building C).



Photograph 2: Petroleum staining on concrete floor inside the Former Provision Warehouse (Building C).



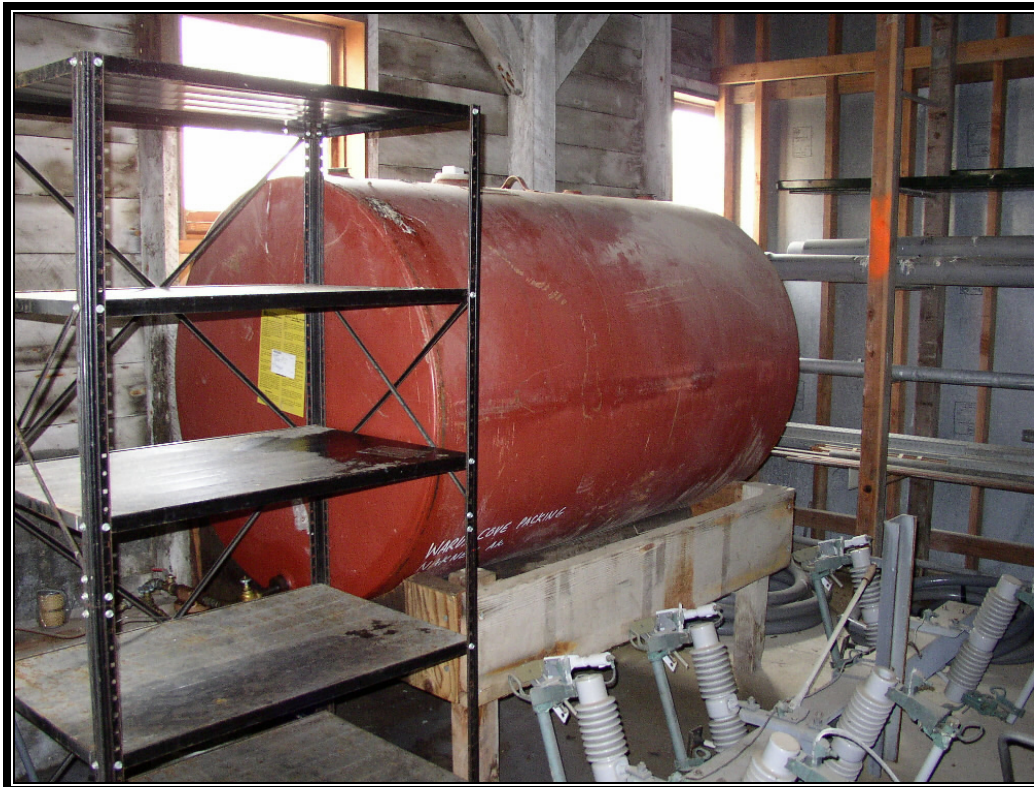


Photograph 3: Fifty-five-gallon drums of various fluids found inside the Former Provision Warehouse (Building C).



Photograph 4: Electrical transformers, aboveground storage tank, and miscellaneous items stored inside the Former Provision Warehouse (Building C).





Photograph 5: Aboveground storage tank inside Former Provision Warehouse (Building C). This tank was used to store heating fuel for the building until two to three years ago.



Photograph 6: Pilot Point Electrical supply storage room in the Former Provision Warehouse (Building C).





Photograph 7: Western side of the Former Webloft (Building D).



Photograph 8: Flaking paint on ceiling inside the Former Webloft (Building D).





Photograph 9: Interior of the southern end of the Former Webloft (Building D).



Photograph 10: Western site of the Former Cookhouse (Building E).





Photograph 11: Interior of the Former Cookhouse (Building E). Note the flaking ceiling paint and shredded insulation.



Photograph 12: Interior of Former Cookhouse (Building E). This room is being used by the City of Pilot Point for storage.





Photograph 13: Items stored inside the Former Cookhouse (Building E).



Photograph 14: Northwest side of Building I. This building was boarded up at the time of the site visit and was inaccessible. Note the rusted 55-gallon drum on the west side of the building. The drum appeared empty.





Photograph 15: Rusted, empty 55-gallon drum on south side of Building I.



Photograph 16: Tank farm located at south end of subject property. The tanks are surrounded by an earthen berm. There was no liner present in the secondary containment area at the time of the site visit.





Photograph 17: Northeast side of the tank farm. Some sheet metal debris was located on the berm during the site visit.



Photograph 18: Stain noted near the outlet of one of the aboveground storage tanks during the site visit. This stain was located inside the bermed area and was less than 1 square foot in area.





Photograph 19: Wooden debris located within the tank farm. There is visible rust on all of the tanks in the tank farm.



Photograph 20: Tank farm piping.





Photograph 21: Vegetation at south end of tank farm. Stressed vegetation due to the previous release of Bunker C oil was not noted during the site visit.



Photograph 22: Miscellaneous items located inside Building J. This building appeared to be used for storage.





Photograph 23: Building materials stored inside Building J.



Photograph 24: North end of building J. Some of the original red paint is visible on the building exterior; most of the original paint has peeled off.





Photograph 25: Fifty-five-gallon drums and metal debris in the undeveloped area to the south of the subject property.



Photograph 26: Fifty-five-gallon drums found in the undeveloped area south of the subject property during the site visit.





Photograph 27: Debris and equipment located in the vicinity of the Former North Main Cannery Building (Building F).



Photograph 28: Fifty-five-gallon drum and stained soils observed on the north side of the Former North Main Cannery Building (Building F).





Photograph 29: Fifty-five-gallon drums and stained flooring observed inside the Former North Main Cannery Building (Building F).



Photograph 30: Fifty-five-gallon drums and miscellaneous automotive parts found in the Former North Main Cannery Building (Building F). Some staining was noted on the flooring in the vicinity of these items.





Photograph 31: Heavy equipment stored inside the Former North Main Cannery Building (Building F).



Photograph 32: Exterior of the Former North Main Cannery Building (Building F). The north side of the building is shown.





Photograph 33: Exterior of the Former South Main Cannery Building (Building H). The north side of the building is shown.



Photograph 34: Fifty-five-gallon drums and stained soils observed along the exterior of the “L” between the Former North and South Main Cannery Buildings (Buildings F and H).





Photograph 35: Broken batteries and debris observed on the southwest side of the Former South Main Cannery Building (Building H).



Photograph 36: Building materials and 55-gallon drums stored inside the Former South Main Cannery Building (Building H).





Photograph 37: Building materials and vehicle stored inside the Former South Main Cannery building (Building H).



Photograph 38: Dock and boathouse (Building G).





Photograph 39: Drinking water well located near Building B. This well appears to have provided drinking water to Building B, a former residence, and is no longer in use.



Photograph 40: Interior of Building B.



Photograph 41: Peeling paint noted on ceiling inside Building B.



Photograph 42: Exterior of Building B. View is of the north side of the building. Two abandoned vehicles were observed near this building.





Photograph 43: Tile flooring inside Building A, which appeared to have been a bunkhouse at one time. Much of this building was inaccessible at the time of the site visit due to safety concerns.



Photograph 44: Partially exposed piping south of the subject property. This piping led to the footprint of a building that is no longer there. The purpose of this piping is unknown.