START 3

Superfund Technical Assessment and Response Team 3 - Region 8

United States
Environmental Protection Agency
Contract No. EP-W-05-050

FINAL TARGETED BROWNFIELDS ASSESSMENT
FINAL PHASE I REPORT

FORMER PELICAN SEAFOOD PROCESSING FACILITY
TARGETED BROWNFIELDS ASSESSMENT
Pelican, Alaska

Task Order No. TO-1102-04

June 22, 2011

URS
OPERATING SERVICES, INC.

TARGETED BROWNFIELDS ASSESSMENT DRAFT PHASE I REPORT
FORMER PELICAN SEAFOOD PROCESSING FACILITY
TIDELANDS SUBDIVISION, BLOCK 17, LOTS 1 & 2
PELICAN SEAFOODS SUBDIVISION, LOTS 1 & 4
PELICAN, ALASKA

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Prepared for
U.S. Environmental Protection Agency
Region VIII

Contract No. EP-W-05-050
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Table of Contents

Table of Contents

LIST OF TABLES

LIST OF APPENDICES

Table of Contents

LIST OF ACRONYMS AND ABBREVIATIONS

AAI	All Appropriate Inquiries
AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
AIRS	Aerometric Information Retrieval System
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
CORRACTS	Corrective Action Report System
EC/IC	Engineering and Institutional Control
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	environmental site assessment
FINDS	Facility Index System
GRO	gasoline range organics
HMIRS	U. S. Department of Transportation Hazardous Materials Information Reporting System
LQG	Large Quantity Generator
LUST	leaking underground storage tank
NPL	National Priorities List (Federal “Superfund” List)
PADS	PCB Activity Database
PCB	polychlorinated biphenyl
ppm	parts per million
PSPF	pelican seafood processing facility
RCRA	Resource Conservation and Recovery Act
SHA	site hazard assessment
SQG	small quantity generator
SWL	Solid Waste Landfill

TBA	targeted brownfields assessment
TRIS	Toxic Chemical Release Inventory System
TSD	treatment, storage, or disposal
URS	URS Corporation
USC	U.S. Code
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
USS	United States Survey
UST	underground storage tank

URS Corporation (URS) was retained by the U.S. Environmental Protection Agency (EPA) on behalf of City of Pelican (COP) to conduct a Phase I Environmental Site Assessment (ESA) of the former seafood processing facility and associated properties that were recently acquired by the COP. The properties acquired by the COP include Tidelands Subdivision Block 17, Lots 1 and 2, and Pelican Seafoods Subdivision Lots 1 and 4, United States Survey (USS) 2819 (subject properties). This assessment revealed evidence of recognized environmental conditions in connection with the property. A Phase II investigation of the subject property is recommended.

Construction of the seafood processing facility occurred between 1938 and 1941, and was incorporated as the Pelican Seafood Cold Storage Company by Kale "Charlie" Raatikainen with his partner, Henry Roden. An ammonia based refrigeration system in was installed 1941 and the Pelican Cold Storage Company was operational by 1942.

The facility and associated property was sold to the Kaioh Suisan Co. Ltd, of Japan in 1989, which was eventually sold to the Kake Tribal Corporation (KTC) in 1996. The facility and associated properties were purchased by Ed Barht and Associates in 2008, and closed after approximately 6 weeks of operation. The plant was reportedly abandoned and left in the same condition until it was awarded to the COP through forclosure in 2010.

Throughout the facility's operational history, it has processed locally caught seafood including salmon, halibut, sable fish, rockfish and crab for domestic and international export. The facility was also renowned for the consistent production of quality ice sought by fisherman and tender fleets. The seafood processing plant contributed substantially to the local economy providing seasonal and permanent job opportunities within the community. The processing facility also provided a local grocery store, washeteria, bunk housing, and secondary electrical power source to the COP through diesel fueled generators.

In August of 2009, a significant disruption in water service to the processing facility occurred when a portion of the city's water infrastructure failed. The situation created a scenario in which the catastrophic release of anhydrous ammonia was possible from one of two refrigeration systems located inside the engine room building. Potential failure was due to excessive pressures within the refrigerant lines or collapse of a thawing roof structure on ammonia filled refrigerant lines. The Alaska Department of Environmental Conservation and other agencies were consulted for crisis support. The anhydrous ammonia (6,668 pounds) was consolidated into the system's receiver tanks, and the distribution lines were evacuated with hot air. Anhydrous ammonia for the facility's second refrigeration system located inside the crab plant building, was also consolidated into that system's receiver tanks. Both systems are slowly leaking ammonia gas from unknown fixtures associated with each system's receiver tanks, piping or valves.

The subject property is bordered to the north by undeveloped property and a residential structure; to the east by a marine fueling facility; and to the south and west by Lisianski Inlet. None of the surrounding properties were listed in the environmental databases searched. The subject property is listed in the FINDS database. The listing is likely attributed to the COP pursuing the Targeted Brownfields Assessment.

Observations made during the site visit indicate that petroleum hydrocarbon contaminated soil is present on the subject property. The contamination is a result of heating oil releases from above

ground storage tanks (ASTs) associated with housing structures. Other potential sources of petroleum impacts to ground surfaces include discharge to ground surfaces from open pipes that protrude from the seafood facility, and former releases derived from petroleum bearing containers stored on wood plank flooring between the freezer facility and the engine room building.

Electrical transformers labeled as PCB–containing were observed on the west side of the seafood facility, outside the west exterior wall of the engine room building. The transformers appear to have impacted adjacent ground surfaces.

During the site reconnaissance URS noted that housekeeping throughout the facility by the previous occupant was fair to very poor. Petroleum liquids, stains, and open fluid bearing containers were present throughout the engine room building. Although the engine room floor is constructed of concrete, floor drains of an unknown configuration provide a means of fluid migration and present an environmental concern. Blistering and peeling paint was also prevalent throughout the engine room building. Lead content of degraded paints were not assessed.

Potential asbestos containing materials (ACMs) included electrical wire sheathing and overhead pipe insulation located inside the crab plant. The collection and laboratory analysis of samples of suspect ACMs and potentially lead-containing paints was not included in the scope of this survey.

1.1 PURPOSE

URS was retained by the EPA on behalf of the COP to conduct a Phase I ESA of the former seafood facility and associated properties that were recently acquired by the COP. The properties acquired by the COP include Tidelands Subdivision Block 17, Lots 1 and 2, and Pelican Seafoods Subdivision Lots 1 and 4, USS Number 2819 (subject properties).

The objective of this environmental review is to identify environmental risk associated with the acquired property through a review of potential property contamination issues conforming to the scope and limitations of *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM Standard E 1527-05 (ASTM, 2005).

1.2 DETAILED SCOPE-OF-SERVICES

URS performed the following tasks:

- Contracted with Environmental Data Resources, Inc. (EDR) to conduct a regulatory database search of known UST facilities; landfills; hazardous waste generation, treatment, storage and disposal facilities; and subsurface contamination in the surrounding area up to within one mile of the center of the subject site (or subject site boundaries). The EDR report is presented in Appendix B.
- Conducted inquiries in person, by telephone, or in writing to the appropriate regulatory agencies for information regarding environmental permits, violations or incidents, and/or the status of enforcement actions at the subject site.
- Researched subject site history by (a) reviewing a chronology of aerial photographs and topographic maps covering the subject site and adjoining properties that were readily available; and (b) reviewing historical city directories for the subject site and nearby properties available from EDR. Copies of these documents are presented in Appendix C.
- Conducted site reconnaissance for obvious evidence of potential contamination such as current hazardous materials storage or use; unusually stained soils, slabs, and pavements; drains, sumps, drums, tanks, and electrical transformers; stressed vegetation; and discarded hazardous materials containers. Photographs taken at the subject site during our site reconnaissance are presented in Appendix D.
- No interviews were performed with previous site owners, prior to property acquisition by COP.
- Evaluated the information collected and prepared this report summarizing our findings, opinions, and conclusions.

1.3 LIMITATIONS AND EXCEPTIONS

This report and the associated work have been provided in accordance with the principles and practices generally employed by the local environmental consulting profession. This is in lieu of all warranties, expressed or implied.

This ESA is not a regulatory compliance audit or an evaluation of the efficiency of the use of any hazardous materials at the subject property.

Unless otherwise specified the tasks included no collection and analysis of samples. Findings and opinions are based on information available from public sources on specific dates (historical photographs, maps and regulatory agency files, lists, and databases); this information is changing continually and is frequently incomplete. Unless URS has actual knowledge to the contrary, information provided to URS or obtained from interviews is assumed to be correct and complete. URS does not assume any liability for information that has been misrepresented to us or for items not visible, accessible, or present on the subject site during the time of the site reconnaissance.

URS cannot warrant or guarantee that finding no indicators of hazardous materials means that hazardous materials do not exist on the subject site. There is no investigation thorough enough to preclude the presence of materials on the subject site, which presently, or in the future, may be considered hazardous. Because regulatory evaluation criteria are constantly changing, concentrations of contaminants present and considered to be acceptable may, in the future, become subject to different regulatory standards and require remediation.

Where records indicate that prior remedial work or tank removals have occurred, there is the possibility that the work may not have been performed correctly or completely. Opinions and judgments expressed herein are based on URS' understanding and interpretation of current regulatory standards, and should not be construed as legal opinions. Furthermore, recommendations are also included which URS does not assume any liability for. The recommendations are only intended to enhance the COP's awareness regarding potential alternatives or scenarios.

1.4 USER RELIANCE

This ESA report has been prepared for use solely by the EPA, its affiliates, and their respective successors, and the City of Pelican, subject to the terms of this ESA. This report shall not be relied upon by or transferred to any other party, or used for any other purpose, without the express written authorization of URS.

2.1 LOCATION AND LEGAL DESCRIPTION

The former seafood processing facility and associated property is located on the northwest side of the Pelican townsite. The facility and associated properties are bounded to the east by Coho Way. With the exception of Pelican Seafoods Subdivision, Lot 4, the remainder of the property is bound to the north by Salmon Way and to the south and west by Lisianski Inlet. The former seafood processing facility and associated property is located in the northwest corner of Section 20, Township 45 South, Range 57 East, Copper River Meridian as shown on the United States Geological Survey (USGS) Sitka D-7 quadrangle, Alaska, 1:63,360 series, topographic map, dated 1993. Pelican is located at approximately 57° Latitude, and -135º Longitude, and is situated in the Sitka Recording District. The location of the subject site is shown on Figure 1.

2.2 PHYSICAL SETTING

The Pelican townsite is generally bounded by mountainous topography rising up to elevations greater than 3,000 feet and Lisianski Inlet to the south. The area is located within a tectonically active region, and townsite is reportedly located on the Peril Strait Fault System (COP, 2005). The Peril Strait fault system is a major right lateral strike slip fault and is presently considered to be inactive. The fault system is a boundary between the bedrock substrate in Pelican that is considered to be part of the Alexander Terrain, and the Wrangellia Terrain on the opposing side of Lisianski Inlet (COP, 2005). Bedrock is very shallow, and numerous outcroppings were observed throughout the city and on the subject property. The bedrock in the Pelican area reportedly consists of Devonian to Ordovician sedimentary (and volcanic) rock (Gerhels et al., 1992). Younger estimates of bedrock age (Mesozoic) exist.

A thin, poorly developed soil horizon overlies extremely shallow bedrock. Soil depth is generally characterized as being less than 4’ over bedrock; however, bedrock outcroppings observed on-site suggest that shallower depths are prevalent. Coastline beach materials located immediately below and around the processing facility generally consisted of bedrock and very angular cobble and boulder sized materials.

Consistent with many small communities in Southeast Alaska that are situated on the coastline, groundwater is not currently used (nor available) as a drinking water source due to the presence of shallow bedrock, proximity to the ocean (saltwater intrusion), and readily available surface water sources. Treated community drinking water is derived from a dam and reservoir on Pelican Creek. The city owns and operates the piped water system which also services the former seafood processing facility and associated structures.

2.3 SITE AND VICINITY GENERAL CHARACTERISTICS

The city of Pelican is located on the eastern shoreline of Lisianski Inlet, located on the northwestern end of Chichagof Island in Southeast Alaska. The city is approximately 80 miles north of Sitka and 70 miles west of Juneau. Much of the small fishing community is concentrated directly on the coastline facing Pelican Harbor. A significant number of the coastal dwellings and businesses are elevated on wood piles overlying the active tidal zone, and are interconnected by wooden boardwalks (Salmon Way). Transportation to and from Pelican is by float plane or boat. The Alaska Marine Highway System does provide limited scheduled trips to Pelican. Pelican has no regularly scheduled barge services, and are only available on an as needed basis. According to the Alaska Community Database Community Information Summaries, the 2010 census reported 88 residents.

According to the COP Mayor, Clint Bean, the acquired facility and associated property are zoned industrial. Information acquired from the Alaska Department of Natural Resources (ADNR) Recorder's Office, report that the deeds (COP) for the properties were recorded on September 7, 2010. Attributes for each property based on available information includes the following:

- Tidelands Subdivision, Block 17, Lot 1 - According to document number 1964-001149-0, Tidelands Subdivision, Pelican, Alaska, the total area of Lot 1 is 39,430.97 square feet (.905 acres);
- Tidelands Subdivision, Block 17, Lot 2 - According to document number 1964-001149-0, Tidelands Subdivision, Pelican, Alaska, the total area of Lot 2 is 36,088.31 square feet (.828 acres);
- Pelican Seafoods Subdivsion Lot 1A – Pelican Seafoods Subdivision Lot 1(document number 2000-001960-0/Plat 2000-24) was subdivided into Lots 1A and 1B in 2007. According to document number 2007-001035-0 (Plat 2007-16), the total area of Lot 1A is 9,824 square feet (0.23 acres).
- Pelican Seafoods Subdivsion Lot 1B – Pelican Seafoods Subdivision Lot 1(document number 2000-001960-0/Plat 2000-24) was subdivided into Lots 1A and 1B in 2007. According to document number 2007-001035-0 (Plat 2007-16), the total area of Lot 1B is 9,824 square feet (1.88 acres).
- Pelican Seafoods Subdivision Lot 4 – According to document number 2000-001960-0 (Plat 2000-24), the total area of Lot 4 is 8,122 square feet (.19 acres).

The seafood processing facility has not operated since the summer of 2008, and was last operated under the ownership of Ed Barht and Associates. Ed Barht and Associates operated the facility for approximately 6 weeks, after which plant operations were abruptly ceased and abandoned in its present state. Property foreclosure was awarded to the COP in 2010 due to Ed Barht and Associates failure to pay property taxes.

Throughout the facility's operational history, it has processed locally caught seafood including salmon, halibut, sable fish, rockfish and crab for domestic and international export. The facility was also renowned for the consistent production of quality ice sought by fisherman and tender fleets. The seafood processing plant contributed substantially to the local economy providing seasonal and permanent job opportunities within the community. The processing facility also

provided a local grocery store, washeteria, bunk housing, and secondary electrical power source to the COP through diesel fueled generators.

While the plant was abandoned, the COP continued to provide coolant water to the facility's anhydrous ammonia compressor driven refrigeration system. In August of 2009, a significant disruption in water service to the processing facility occurred when a portion of the city's water infrastructure failed. Although a temporary water distribution system was available at the time, it could not simultaneously meet the demands required of the city residents and the ammonia refrigeration cooling system. The community was gravely concerned regarding the catastrophic release of anhydrous ammonia due to increasing pressure buildup within the refrigerant lines or collapse of a thawing roof structure on ammonia filled refrigerant lines. The anhydrous ammonia was consolidated in refrigeration system receiver tanks, and the refrigerant distribution lines were evacuated with hot air. According to Alaska Department of Environmental Conservation (ADEC) situational report #09119923202 (Spill Number), approximately 20,000 to 30,000 pounds of anhydrous ammonia were estimated to be in the refrigeration system in 2009. The current estimated amount is 6,668 pounds.

Although the ammonia has been consolidated into the receiver tanks, persistent fugitive ammonia gas continues to seep through unknown receiver tank fixtures (plumbing, valving, or other). With respect to the immediate safety and wellbeing of the community, the anhydrous ammonia is perceived as a significant hazard associated with the former processing facility. This is due to the large quantities of anhydrous ammonia stored and compromised integrity of aged containment structures as noted by the persistent seeping ammonia gas.

Specific site features are discussed further in their appropriate sections throughout the report. Figure 2 shows the general site layout and characteristics.

2.4 CURRENT SITE USE

The seafood processing facility remains dormant. No maintenance or upgrade activities have been performed at the seafood processing facility since it was abandoned in 2008. Materials and equipment formerly used for plant operation are present throughout the facility's interior. Only very limited portions of existing buildings are presently used or occupied. The following buildings were being used at the time of the site visit:

Store Building: Two occupants are present inside the former facility store. Kake Tribal Corporation presently occupies one of several vacant office spaces, and the local U.S. Postal Service office is also located at the east end of the former store facility.

Old Bunkhouse: A unit located on the southwest side of the Old Bunkhouse complex was occupied by a city resident.

Company Housing: A total of seven individual housing units are located on northeast portion of the acquired properties. Two homes located on Lot 4 of the Pelican Seafoods Subdivision are vacant; however, both are reported as being suitable for occupation. Five additional free standing houses are located across the street on Salmon Way. Two of the homes were occupied

by city residents at the time of the site visit, and one house was vacant. The fifth home located farthest east was condemned, and unsuitable for occupation.

Power Module: Lot 1 of the Pelican Seafoods Subdivision was subdivided into Lots 1A and Lots 1B in 2007. A modular diesel fired electrical generation station was installed on Lot 1A to provide an alternative power source to the city's hydroelectric power plant. The footprint of the Power Module and associated above ground storage tanks (ASTs) were constructed over imported shot rock fill material. At the time of the site visit, the entire city was supplied by power generated from the power module since the hydroelectric plant was not operational.

2.5 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS

The property acquired by the COP includes the former seafood processing facility and other associated landward housing structures (Figure 2). Most of the former seafood processing facility is elevated on treated wood pilings that extend over Lisianski Inlet. Portions of the facility that extend over water are located in the Tidelands Subdivision, Lots 1 and 2. The former seafood processing facility is capable of providing dockside moorage for the transfer of ocean bound deliveries or shipments. For reporting purposes, all structures directly associated with seafood processing are collectively referred to as the "seafood facility" throughout this report.

Landward structures include a bunkhouse building and company housing structures. These structures are not included in the "facility" reference. A description of each structure and its most recent use is as follows:

1) Crab Plant - The crab plant is a standalone, three floored structure that is entirely elevated on treated wood pilings. The base floor is constructed of concrete. The building has dockside moorage and is configured to process seafood which has historically been crab. The plant is equipped with a seafood waste grinder and outfall pipe that extends subgrade below the central portion of the facility, and ultimately discharges to Lisianski Inlet to the south. Interior electrical lighting was very limited at the time of the site visit.

   The plant is equipped with its own independent refrigeration system (ammonia). The anhydrous ammonia has reportedly been consolidated into the systems receiver tanks, and distribution lines evacuated with hot air.

2) Store – The store building is a two story structure that is primarily built on treated wood pilings. The building is attached to the Freezer Facility and Fish House. The building contains multiple office spaces and the vacant store. The store is located on the ground floor of the building and has historically provided retail goods and groceries to facility employees and city residents. The store has not operated since the seafood plant closed. The store contained limited quantities of abandoned packaged canned goods, cleaning supplies, and other retail items. The store is equipped with a freezer/cooler that was not operational at the time of the site visit. Interior electrical lighting was not available at the time of the site visit.

3) Fish House – The fish house building is a three story structure that is entirely elevated on treated wood pilings. The base floor is constructed of concrete. All seaward sides of the facility are equipped for dockside moorage. The first floor of the building is configured to process incoming fish, salmon roe, and prepare fish for freezing. The building is equipped with a seafood waste grinder and outfall pipe on the northwest side of the facility, which ultimately discharges to Lisianski Inlet to the west. The second floor was configured for packaging and preparation of fish for shipment. The third floor was used as a storage area for miscellaneous equipment including electrical hardware (electrical motors, switches, conduit, wiring), snowblowers, portable generators, and other various equipment parts and materials. Electrical lighting was good on the first floor; however, lighting was limited or unavailable on other floors of the building.

4) Freezer Facility – The freezer facility is attached to the north side of the fish house, and is primarily constructed over bedrock or fill material. Each floor of the freezer facility contains a large continuous freezer equipped with steel refrigerant cooling lines. The refrigeration lines have reportedly been evacuated. The freezers were empty with the exception of plastic fish totes and other miscellaneous smaller items. Electrical lighting was generally not available (operational) in the freezer facility.

   Significant water damage was observed on the uppermost floor of the freezer facility. The floor was saturated with standing water at the time of the site visit. Welded steel flooring appeared to have prevented the water from infiltrating the lower floors. The flat roof of the freezer facility had reportedly leaked for a number of years during plant operation; however, the roof was frozen when the freezers were operational. The integrity of the freezer facility roof is likely poor due to years of prolonged water saturation.

5) Engine Room – The engine room is a single story building located on the west end of the seafood processing facility. The northeast side of the engine room is connected to a metal shop. Engine room access points were available on the east and west sides of the building. Very Poor housekeeping practices were observed throughout the building. Additional discussion regarding findings of concern are provided in Section 4.1.

   The engine room building is constructed over a concrete foundation that is partitioned into two areas to the south and north. The floor of the southern portion was lined with welded steel sheets, and the floor of the northern portion was concrete. The southern area contained one large generator, an office space, and miscellaneous tools, equipment, and lubricants used for operation and maintenance of diesel generators and refrigeration equipment.

   In addition to the facility's primary refrigeration system, the northern portion of the engine room contained three large diesel generators and power distribution system. The refrigeration system included the primary and secondary receiver tanks which contained most of the facility's anhydrous ammonia. Multiple ammonia compressors were located inside the northern engine room. Inspection activities in the engine room building were impeded by the presence of ammonia gas escaping from the refrigeration system. Additional discussion regarding findings of concern are provided in Section 4.1.

6) Metal Shop – The metal fabrication shop is connected to the northeast wall of the engine room building. The building was used for fabrication and repair of metal parts and equipment. The floor of the metal shop was lined with welded steel sheets.

7) Power Module – A modular diesel fueled electrical generation station is located upgradient and north of the engine room building. The power plant was installed in 2007 to provide an alternative power source to the city's hydroelectric power plant. The power plant is presently fueled by two, 6,000 gallon ASTs. The two 6,000 gallon AST were reportedly plumbed in series. A third single walled AST of unknown volume was also located between the two double walled tanks. Additional discussion is provided in Section 4.3.2.

8) New Bunk Housing – The new bunk housing building is a two story standalone structure located upgradient and to the north of the freezer facility. The housing facility is constructed on a piling foundation over bedrock and was reportedly built in the 1980's. The unoccupied building was used to provide housing for employees. Building heat is provided by a boiler system that is reportedly fueled by the Power Module ASTs.

9) Company Housing - A total of seven individual housing units are located on northeast portion of the acquired property. Six of the seven units are reported as being suitable for occupation, and one has been condemned. Each house has a boiler system that is fueled by an exterior AST. With the exception of the condemned housing unit, each AST is located on the north side of the home and is suspended on wood cribbing. The ASTs vary in size, with estimated volumes ranging from 300 gallon to 425 gallon capacities. Additional discussion regarding findings of concern for the housing units is provided in Section 4.3.2.

   No interior inspections were performed at any of the company housing units. Furthermore, neither of the two houses or associated ASTs located on the north side of Salmon Way were inspected during the field visit. This was attributed to a misunderstanding of property ownership by the URS field representative.

10) Old Bunk Housing – The old bunk housing building is located on the east side of the property. The building is a two story standalone structure constructed on pilings. The building is arranged in an "L" shape configuration, and the portion trending east to west was built during the initial construction of the seafood processing facility. The portion of the building trending north to south was added sometime after 1959. Two ASTs were located on the exterior of the building. Additional discussion regarding findings of concern for the old bunkhouse is provided in Section 4.3.2.

Primary access to the seafood processing facility is by wooden boardwalk along the oceanfront. Most of the processing facility structures are also interconnected by wooden boardwalk. Automobile or truck operation on the boardwalk is not permitted without city approval.

The subject property is bounded by Coho Way to the east, and crossed by Salmon Way to the north. Coho way trends north to south, and Salmon Way trends east to west. Both gravel roads are approved for automobile traffic.

The seafood processing plant was historically fueled by a tank farm located 250' to 300' to the east. Based on aerial photography, the former tank farm pre-dates 1959, and it was reportedly installed sometime during or immediately following World War II. The tank farm has since been

removed. It is unknown, nor reported whether the former fuel lines leaked or were properly drained, removed or abandoned in place. Old tank farm fuel distribution lines reportedly provided fuel to the seafood facility and housing units (buildings).

Some of the buildings located on the subject properties are equipped with heating oil ASTs. It was not confirmed whether all the ASTs were plumbed to the new city fuel distribution system; however, hard pipe fixtures to the city distribution system were observed at several AST locations. The seafood processing facility is currently plumbed to the existing city operated fuel tank farm. City operated fuel and electrical utility distribution lines are buried sub-grade within road prisms. The fuel is dispensed from a city operated tank farm located several hundred feet upgradient of the subject properties to the north. A buried 2-inch diesel fuel distribution line branches off at the intersection of Coho Way, and trends along Salmon Way to the power module building and the two 6,000 gallon ASTs.

2.6 CURRENT ADJOINING PROPERTY USES

During the site reconnaissance, URS personnel conducted a walking survey of adjoining land users along accessible thoroughfares. Table 2-1 lists the adjacent businesses and/or property uses. The adjacent properties can be seen in the historical aerial photographs provided in Appendix D.

TABLE 2-1 – SUMMARY OF ADJACENT PROPERTY USAGE

Direction	Property
North:	Pelican Seafoods Subdivion Lot 3 – Undeveloped Block 6, Lot 4 - Undeveloped Block 9, Lot 5 – Undeveloped Block 9, Lot 3 – Residential Structure
East:	Tidelands Subdivision, Block 17, Lot 3 – Marine fueling station elevation on wood pilings.
South:	Lisianski Inlet
West:	Lisianski Inlet

2.7 TITLE RECORDS

URS was not provided with a title report for the subject property. Ownership of the subject property was primarily provided by city historian Norm Carson.

The most current information available on the Alaska Department of Natural Resources (ADNR) Recorder's Office on-line database for the Sitka (103) Recording District, listed the following recorded deeds for the City of Pelican based on review Document 2010-01113-0:

- Tidelands Subdivision, Block 17, Lots 1 and 2, Survey 2819;
- Pelican Seafoods Subdivsion, Lots 1 and 4.

Additional historical ownership information from can be found in Section 3.3.

2.8 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Information provided by Mike Race of Race Realty indicates there are no environmental liens on the subject property. URS did not investigate nor request any other information regarding the existence of other liens.

2.9 SPECIALIZED KNOWLEDGE

Specialized knowledge about site history and former operations were provided by those who attended a site meeting at City Hall on March 22, 2011. The purpose of the meeting was to acquire information from individuals knowledgeable with historic and recent practices perfromed at the subject property. Interview participants and their respective roles regarding the property history included the following:

- Clint Bean – COP Mayor and resident;
- Allen Stewart – COP Maintenance Foreman, resident, and former pelican seafood processing facility (PSPF) employee;
- Keith Heller – Former COP Administrator, resident, and former PSPF employee;
- Norman Carson – COP resident historian, and former PSPF employee;

Information provided by these individuals is located in the appropriate sections throughout this report. Mr. Jack Derenoff also provided additional information during the site visit. Mr. Derenoff is a COP resident and former PSPF employee.

2.10 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Valuation reduction for environmental issues is not applicable. The properties are currently owned by the COP, and none of the properties are owned by private entities.

2.11 OWNER, SITE MANAGER, AND OCCUPANT INFORMATION

The seafood processing facility and associated properties are owned and managed by the COP. Current site occupants include the Kake Tribal Corporation and the U.S. Postal Service office. Three units on the subject property are also occupied by city residents. The names of individual occupants or residents were not requested.

2.12 REASON FOR CONDUCTING PHASE I ESA

This Phase I ESA is being conducted to identify known releases and actual or potential threats to human health and safety, and to the environment in support of a Targeted Brownfields Assessment. Information acquired from the Phase I assessment will determine if the site has been impacted by contamination and if so, help establish cleanup options and cost estimates for environmental cleanup based on future uses and redevelopment plans.

2.13 HISTORIC ENVIRONMENTAL REPORTS

Environmental reports pertaining to the subject properties is limited to a Disaster Declaration dated August 26, 2009 by the COP, and an ADEC situation report dated August 27, 2009. Although no spill occurred, the ADEC situation report was listed as Spill Number: 09119923202.

Both documents addressed the risk to public health and safety posed by the eminent failure of the anhydrous ammonia refrigeration piping system in August of 2009. The ammonia refrigerant has been consolidated into receiver tanks, and refrigerant lines purge of ammonia using hot air.

3.1 ENVIRONMENTAL DATABASES REVIEW

URS reviewed information gathered from numerous environmental databases through EDR to evaluate whether activities on or near the subject property have the potential to create a recognized environmental concern on the subject property. EDR reviews databases compiled by Federal, state, and local governmental agencies. The complete list of databases reviewed is provided in the EDR report, which is included in Appendix B. It should be noted that this information is reported as URS received it, as it is provided in various government databases. It is not possible for URS to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The smallest search radius requested was 0.25 miles, which otherwise covers the entire facility and Pelican townsite. The databases included within the ASTM search radius are summarized below in Table 3-1. A discussion of identified sites begins in Section 3.1.1.

TABLE 3-1 – SUMMARY OF ENVIRONMENTAL DATABASES

Type of Database	Description of Database/Effective Date	Search Radius	Number of Identified Sites
Federal Agency Environmental Databases			
NPL	The National Priorities List (NPL) is the list of priority releases for long-term remedial evaluation and response. Date of Government Version: 12/31/2010	1.0 mile	0
Proposed NPL	The Proposed NPL identifies uncontrolled or abandoned hazardous waste sites with potential for coverage under the NPL program. Date of Government Version: 12/31/2010.	1.0 mile	0
Delisted NPL	The Delisted NPL identifies hazardous waste sites removed from the NPL program. Date of Government Version: 12/31/2010.	1.0 mile	0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. Date of Government Version: 11/30/2010.	0.5 mile	0
CERCLIS- NFRAP	The No Further Remedial Action Planned (NFRAP) report under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as the CERCLIS Archive, contains information pertaining to sites that have been removed from the EPA's CERCLIS database. Date of Government Version: 10/28/2010.	0.5 mile	0
RCRA CORRACTS	Identifies hazardous waste handlers with RCRA Corrective Action Activity (CORRACTS). Date of Government Version: 5/25/2010.	1.0 mile	0

TABLE 3-1 – SUMMARY OF ENVIRONMENTAL DATABASES (continued)

Type of Database	Description of Database/Effective Date	Search Radius	Number of Identified Sites
RCRAInfo TSDs	RCRA-regulated treatment, storage, or disposal (TSD) sites. Date of Government Version: 2/17/2010.	0.5 mile	0
RCRAInfo Generators	RCRA-regulated hazardous waste generator notifiers list; both Large- and Small-Quantity Generators are included in this list. A RCRA small-quantity generator (SQG) is defined as a facility that generates between 100 and 1,000 kilograms (kg) per month of hazardous waste or less than 1 kg per month of acutely hazardous waste. A RCRA large-quantity generator (LQG) is defined as a facility that generates greater than 1,000 kg per month of non-acutely hazardous wastes or greater than 1 kg per month of acutely hazardous wastes. Date of Government Version: 2/17/2010.	0.25 mile	0
Federal EC/IC	Federal Engineering and Institutional Control (EC/IC) are CERCLA (Superfund) sites that have either engineering or an institutional control. Date of Government Version: 1/5/2011.	0.50 mile	0
ERNS	EPA's Emergency Response Notification System (ERNS) list contains reported spill records of oil and hazardous substances. Date of Government Version: 12/31/2010.	0.25 mile	NR
State Agency Environmental Databases			
State of Alaska Contaminated Sites	Database of hazardous waste sites. Date of State Version: 9/22/2010.	1.0 mile	0
State of Alaska VCP	Voluntary environmental cleanup program (VCP) Date of State Version: 12/6/2010.	0.5 mile	0
State of Alaska SWL	Active and closed permitted solid waste landfills (SWL). Date of State Version: 1/3/2011.	0.5 mile	0
State of Alaska LUST	List of Leaking Underground Petroleum Storage Tanks reported to the ADEC. Date of State Version: 2/22/2011. Tribal LUST sites last revised in 2/3/2011.	0.5 mile	0
State of Alaska UST/ASTs	State registered UST sites and AST sites. State UST sites last revised in December 2006. Date of State Version: 2/22/2011. Tribal UST sites last revised in 2/3/2011.	0.25 mile	0
State of Alaska Brownfields	Sites contaminated based on present and/or historical land uses and tax-delinquent Brownfields. Date of State Version: 9/22/2010.	0.5 mile	0
State of Alaska EC	State engineering control (EC) registry. Date of State Version: 9/22/2010.	0.5 miles	0
State of Alaska IC	State institutional control (IC) registry. Date of State Version: 9/22/2010.	0.25 mile	0
	Supplemental Databases		
NPDES	National Pollution Discharge Elimination System (NPDES)-permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored. Date of State Version: 12/29/2011.	0.25 mile	0
FINDS	Facility Index System (FINDS)-Sites EPA has investigated or has been made aware of in conjunction with various regulatory programs. Date of Government Version: 4/14/2010.	0.25 mile	0

TABLE 3-1 – SUMMARY OF ENVIRONMENTAL DATABASES (continued)

Type of Database	Description of Database/Effective Date	Search Radius	Number of Identified Sites
HMIRS	U. S. Department of Transportation Hazardous Materials Information Reporting System (HMIRS) database of tracked incidents. Date of Government Version: 12/31/2010.	0.25 mile	0
TRIS	Toxic Chemical Release Inventory System (TRIS)-facilities that have had or may be prone to toxic material releases. Date of Government Version: 12/31/2009.	0.25 mile	0
Tribal Lands	Indian Lands of the United States are areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory where American Indian tribes has primary governmental authority. Date of Government Version: 2/3/2011.	1.0 mile	0
State Spills	Spills reported to the ADEC Date of State Version: 9/22/2010.	0.25 mile	0
PADS	Polychlorinated Biphenyl (PCB) Activity Database (PADS) - generators, transporters, storers and/or disposers registered with the EPA. Date of Government Version: 11/1/2010.	0.25 mile	0
AIRS	Aerometric Information Retrieval System (AIRS)-database of sites that submit air emission reports. Version Date: 1/19/2011.	0.25 mile	0

NR = Not Requested

3.1.1 Subject Property

Of the databases searched by EDR, no mapped sites with significant findings were reported. However, databases searched by EDR found a total of 17 records that could not be mapped due to inadequate information. These unmappable sites are considered orphan sites, and no additional information was provided in EDR's analysis.

Only one of the 17 records was identified as a potential concern. The orphan site listed as "Pelican", was reported in the Facility Index System (FINDS). The FINDS database includes sites that the EPA has investigated or been made aware of in conjunction with various regulatory programs. Although no other information is available, it is likely that this listing is attributed to the COP pursuing the Targeted Brownfields Assessment for the former Pelican Seafoods processing facility. A copy of the complete EDR database is included as Appendix B.

An independent review of the ADEC contaminated sites; leaky underground storage tank database; and underground storage tank database reported no listings in city of Pelican.

3.1.2 Adjacent Property

None of the adjacent properties were identified in any of the databases searched by EDR.

3.1.3 Surrounding Properties

None of the surrounding properties were identified in any of the databases searched by EDR.

3.1.4 Other Information

Other than orphan sites, no listings were identified in any of the databases searched by EDR. A copy of the complete EDR database is included as Appendix B.

3.2 REGULATORY AGENCY CONTACT

Since no records were listed in the databases searched by EDR, and no ADEC database records were listed for the COP, no attempt was made to contact regulatory agency representatives regarding reportable impairments to the site. If significant or potential concerns are identified, regulatory representatives are contacted to evaluate the following information:

- The status of relevant environmental permits;
- whether there has been any violations, or other similar correspondence from such agencies;
- whether any corrective action or remediation is planned, currently taking place, or has been completed at the subject property;
- whether there have been any reported violations or complaints that the subject property is not in compliance with environmental laws, regulations, or standards, and whether the subject property is under investigation for such non-compliance;
- whether the subject property is listed on any of the regulatory databases; and
- whether there is any other pertinent documentation on file with such regulatory agencies regarding the subject site or surrounding sites of concern.

URS did contact Fran Roche (907-465-5320) of the ADEC Division of Water regarding the current discharge permit status of the facility's seafood waste outfall. According to Fran, the current facility permit number is AKG 520040, and the billing contact is Gregory Austin. The existing permit was administratively extended when ADEC assumed National Pollutant Discharge Elimination System (NPDES) permit primacy from the EPA. The COP is not listed as the current permit operator.

In order for the city to use the outfall, the COP would have to complete and file a notice of intent for permit operator transfer. Upon payment and submittal of completed documents, ADEC would re-issue a new permit (and number) to the COP. Fran also stated that she had previously forwarded the necessary paperwork to the COP, and would resubmit the information if requested.

3.3 HISTORICAL USE INFORMATION ON THE SUBJECT SITE AND ADJOINING PROPERTY

Construction of the seafood processing facility occurred between 1938 and 1941, and was incorporated as the Pelican Seafood Cold Storage Company by Kale "Charlie" Raatikainen with his partner, Henry Roden. Norton Clapp provided financing for the initial enterprise and was the primary shareholder and facility owner. Much of the timber from land clearing activities was used to construct the facility. The ammonia based refrigeration system in was installed 1941 and the Pelican Cold Storage Company was operational by 1942.

The facility and associated property was sold to the Kaioh Suisan Co. Ltd, of Japan in 1989. The Japanese firm operated the facility until the plant closing the plant in February of 1996. The facility was sold to the Kake Tribal Corporation (KTC) later that summer and resumed operation. The facility and associated properties were purchased by Ed Barht and Associates in 2008, and closed after approximately 6 weeks of operation. The plant was reportedly abandoned and left in the same condition until it was awarded to the COP through forclosure in 2010.

URS contacted AERO-METRIC, Inc. and EDR to obtain available historical documents, including historic aerial photographs, Sanborn Fire Insurance Maps, and city directories. AERO-METRIC, Inc. provided aerial photographs for the years 1959, 1982, and 2002. The aerial photograph from 1959 was the earliest photographic record in the AERO-METRIC archives. Table 3-2 below summarizes the historical site usage from the aerial photographs and topographic maps. Copies of the historic and aerial photographs are included in Appendix D.

TABLE 3-2 – CHRONOLOGICAL SUMMARY OF HISTORIC LAND USE

Historical Land Use Source	Date	Scale	Observations
Historical Topographic Map	1951	1:63,360	The small scale does not permit detailed review of the subject properties or adjacent properties; however, it shows established structures at the location of the seafood processing plant and Pelican townsite in its present location.
AERO-METRIC, Inc. Historical Aerial Photograph	1959	1 inch equals 100 feet	Most of the current infrastructure and buildings are present in the 1959 photograph. Structures present in the photograph that no longer exist include a large building that was the original engine room and ice brine building located on the north side of the freezer facility; a small standalone building located on the north side of the old bunkhouse building; no attachment to the old bunkhouse building; and a much smaller building footprint and boardwalk at the present day engine room building location. Three ASTs are present which no longer exist. One AST is located on the boardwalk on the north side of the crab plant building, one is located on the north side of the engine room building, and one is located on the north side of the bunkhouse structure that no longer exists. Several ASTs are located upgradient of the subject properties.

TABLE 3-2 – CHRONOLOGICAL SUMMARY OF HISTORIC LAND USE (continued)

Historical Land Use Source	Date	Scale	Observations
AERO-METRIC, Inc. Historical Aerial Photograph	1982	1 inch equals 100 feet	Several noteworthy changes are apparent in comparison to the 1959 photograph. The old bunkhouse building was modified to its present day configuration after demolition of a building to the north and a new engine room building was constructed. During the site visit, it was reported that the old engine room and ice brine building burned down in the 1960's. The AST is no longer present at the crab plant, and a large blue AST is present in the footprint of the building that was located on the north side of the freezer facility. According to Allen Stewart, the blue AST was removed in preparation for the power plant module. No leaks were reported from the AST, and it is currently staged in the COP tank farm as a secondary/alternative fuel tank. Numerous drums were stored on the boardwalk between the engine room building and the freezer facility. Active discharge of water is occurring from the west side of the engine room building. The discharge is significant enough to be seen in the photograph. The area is consistent with stained beach rock material and multiple discharge pipes located on the west side of the engine room building. Based on the volume of water being discharged, and red staining, it's possibly from a heated water source. The ASTs located upgradient of the subject properties still exist.
AERO-METRIC, Inc. Historical Aerial Photograph	2002	1 inch equals 100 feet	Most of the site resembles its present day configuration; however second growth vegetation is significant. Attachments were added to the engine room building which included the metal shop; a boardwalk extension and structure attached to the northwest corner of the engine room was removed from the engine room building; the new bunkhouse building was constructed behind the freezer facility. Other noteworthy observations include the addition of pole mounted transformers adjacent to the engine room building; the continued presence of a large blue AST on the north side of the freezer facility, and removal of several ASTs upgradient of the site.

Sources: AERO-METRICS, Inc. (1959, 1982, 2002) (aerial photographs); URS 2011, site visit.

Sanborn Fire Insurance Maps were not available for this area. A Sanborn Letter of No Coverage is presented in Appendix C.

ASTM E1527-05 standards for Phase I ESAs require that historical land use be identified to the properties first developed use (including agriculture) or back to 1940, whichever is earlier using reasonably ascertainable sources. The earliest historical source reviewed by URS was a historical topographic map from 1951. The next earliest historical source reviewed was an aerial photograph from 1959. Both the topographical map and the aerial photograph indicate that the subject property was already developed. Earlier anecdotal information was available in correspondence with those interviewed and other available sources.

4.1 SITE RECONNAISSANCE

URS conducted a reconnaissance of the site on March, 22 and 23, 2011 to evaluate current site use and identify potential sources of hazardous substances both on the subject property and on adjacent properties. An initial site reconnaissance was performed by URS site investigator, Mr. Paul Myerchin, EPA Work Assignment Manager, Joanne Labaw, Mr. Allen Stewart (COP Maintenance Foreman and former PSPC employee), Mr. Keith Heller (COP resident and former PSPC employee), and Mr. Norman Carson (COP resident and historian, and former PSPC employee). On the morning of March 23, Mr. Allen Stewart accompanied Mr. Paul Myerchin during the remaining site reconnaissance activities. Weather conditions at the time of the site reconnaissance varied from overcast to light rainfall, with a temperature of approximately 35-45 degrees Fahrenheit.

Limiting Conditions were encountered during the site visit, of which included the following:

- Limited to non-existent artificial lighting was available inside portions of the seafood processing facility. The inspection relied heavily on flashlights in many parts of the facility.
- Partial snow cover and recent rainfall was present on exterior ground surfaces.
- Fugitive ammonia gas was present inside the engine room building, which significantly limited inspections.
- Several residences were occupied. With the exception of the new bunkhouse building, no interior portions of residential structures inspected.
- Due to the number and size of structures present, historical and recent uses, and time limitations, a detailed assessment of containers, batteries, drains, piping, sub-floor areas, and other equipment associated with former site activities was not possible. The facility was abandoned and left as it was previously used. The assessment focused primarily on areas of concern identified during the initial site reconnaissance and information provided from those who were interviewed.

Select photographs taken during the site reconnaissance are presented in Appendix D. Photograph locations are shown on Figure 3.

URS conducted the site reconnaissance by visually observing the subject site. The periphery of the subject site was observed by walking and was viewed from adjacent roads.

4.2 GENERAL SITE SETTING

As previously referenced, the subject property was recently acquired by the COP. The subject properties include the following:

- Tidelands Subdivision, Block 17, Lots 1 and 2, U.S. Survey 2819;
- Pelican Seafoods Subdivsion, Lots 1 and 4.

4.3 INTERIOR AND EXTERIOR OBSERVATIONS

4.3.1 Hazardous Substances and Petroleum Products

Hazardous substances and petroleum products were observed on the subject property at the time of the site visit. Hazardous substances observed in the following areas of the former processing facility included:

- Paint locker – Limited quantities of exterior paints, boat paints, kerosene, solvents, and petroleum based products were present inside a steel locker located on the north exterior side of the crab plant. Although the paint locker was located outside; however, the interior was dry and free of water (Photo 1).
- Flammable Materials Cabinet – A flammable materials cabinet was located northeast side of the engine room building (Photo 2). The cabinet contained numerous containers of wood preservatives, interior paints, exterior paints, marine paints, leaded paints, solvents, aerosol cans and other petroleum based products. Containers were also present on top of, and in the immediate vicinity of the cabinet. Numerous floor stains were observed in the area and all throughout the engine room building indicating poor housekeeping practices.
- Solvent Wash Tank – A solvent parts washing tank was present in the engine room. It was undetermined whether the wash tank still contained solvent. Empty containers and saturated materials were present inside the tank enclosure. An empty five gallon can of solvent (Chevron 325) was also present inside the engine room, indicating previous usage of solvents.
- Numerous Lead Acid batteries were present in the interior and exterior portions of the facility. Batteries included smaller ATV, automobile and marine grade batteries, to large forklift batteries. Conditions of the batteries varied; however, none observed appeared to leaking any stored contents (Photo 3).
- Mercury control switches - Up to 35 mercury filled control switches were present in the engine room building. The mercury filled switches are associated with the operation of the anhydrous ammonia refrigeration system (Photo 4). The number of switches was provided by Jack Derenoff. All of the switches observed by URS appeared to be intact.
- Potential ACMs - Much of the interior piping inside the facility was either encapsulated within an a non-ACM sheath, or was bare. However, the insulation on a limited overhead run of pipe inside the crab plant may potentially have ACMs (Photo 5). The insulation appeared to be in good condition. Other potential ACMs included exterior electrical wiring sheathing on electrical wiring in the engine room building.
- Blistering and peeling paint was prevalent on equipment contained inside the engine room building (Photo 6). Additional discussion is provided in Section 4.3.10.
- Chorine – No chlorine sources other than sodium hypochlorite (Oaktite Bactericide) were observed; however, “danger” placarding existed on the fishhouse door indicating the former presence (present unknown) of pressurized chlorine liquid and gas.
- Anhydrous Ammonia – Significant quantities of anhydrous ammonia presently being stored within the facility. Ammonia is being stored in the high and low pressure receiver tanks located inside the engine room building, and the high pressure receiver tank of the crab plant refrigeration system (Photo 7 and Photo 8).

Fugitive ammonia gas is present inside the engine room building at concentrations well above the odor threshold detection limit, and was a limitation during the site assessment. The refrigeration system release source(s) inside the engine room building was unknown. The ammonia refrigeration equipment was not maintained and appeared to be in very poor condition based on its age and exterior appearance. Based on receiver tank site glass readings provided by Jack Derenoff, the quantity of ammonia contained in the high and low pressure receiver tanks was 1,613.12 pounds and 5,055.2 pounds, respectively.

The crab plant refrigeration system is contained in a room on the north side of the crab plant. An ammonia odor was observed; however, at a reduced irritant concentration in comparison to those encountered in the engine room building. The equipment also appeared to be in much better condition in comparison to the engine room building refrigeration system. All of the ammonia associated with the crab plant refrigeration system is reportedly contained within the high pressure receiver tank. Based on receiver tank site glass readings provided by Jack Derenoff, the quantity of ammonia contained in the high pressure receiver tank was 392.62 pounds.

Both refrigeration systems are losing stored quantities of ammonia. According to the August 27, 2009 ADEC situation report #09119923202, stored quantities of ammonia were estimated to be 20,000 to 30,000 pounds. The estimated quantities provided during the site visit (7,060 pounds total) are significantly less than those provided to ADEC in 2009.

Petroleum products were observed at the facility. Due to the prevalent quantity and distribution of petroleum products throughout the facility, the objective of the assessment was to identify observed areas of concern which generally included poor housekeeping practices, indications of a release or spill, or significant quantities of petroleum products stored in a common area. The following locations were identified as areas of concern regarding petroleum products:

- Drum Storage - Multiple empty 55-gallon drums and miscellaneous petroleum based containers were present along the exterior west wall of the freezer facility between the engine room building (Photo 9). The containers were stored on wood plank flooring. Ground surfaces below the flooring were unobservable. The drums and containers were in poor condition, and some of which contained holes. It is unlikely that any of the containers were stored with any appreciable amount of fluids based on the storage configuration. The area was historically used for the storage of 55-gallon drums based on review of historic aerial photographs.

- With the exception of fuel storage tanks, the engine room building contained the most significant quantity of petroleum products within the facility. Housekeeping practices were observed to be very poor. Petroleum stains on walls, equipment, and flooring were observed inside the engine room building. Petroleum products located inside the engine room building included the following:

- New and used motor oil. Motor oil was observed in both sealed and open 5-gallon containers (Photo 10). Drip pans below diesel generators, generator fuel "day tank". Saturated oil absorbent pads, and filters were loosely placed on equipment or in smaller pans. Much of the equipment inside the engine room building was stained in motor oil.
- A 55-gallon drum and open five gallon containers of petroleum based fluids were observed in the ammonia compressor area of the engine room building (Photo 6 and Photo 11).
- The used oil consolidation area on the east wall of the engine room contained a 55-gallon oil consolidation drum surrounded by several open and closed waste oil containers with varying quantities of liquids (Photo 12 and Photo 13). The used oil was reportedly used to fuel a used oil waste burner located inside the metal shop building attached to the engine room building. The metal shop building contained limited amounts of cutting oils and petroleum products.

4.3.2 Storage Tanks

No underground storage tanks were observed onsite, nor were any reported as being used based on site interviews. Numerous ASTs were present throughout the acquired properties. ASTs included fuel, refrigeration system, and storage tanks associated with the processing of seafood. Only tanks associated with fuel were assessed during the site visit. A total of 14 ASTs (fuel or unknown use) were observed; however, the presence and condition of ASTs located at the company housing units on the north side of Salmon Way was not confirmed. The following provides a description of ASTs observed during the site visit:

- Unknown AST - A steel AST was present on the north side of the boardwalk next to the crab plant (Photo 14). None of those who attended the site reconnaissance was familiar with the history of the tank or its use. The tank appeared to be in fair condition. No obvious signs of leakage were observed. The base of the tank was supported on wood cribbing at the high water (tide) line. The AST volume, contents or historical use were unknown.

- Crab Plant – A steel heating oil AST was present on the north exterior side of the crab plant building (Photo 15). The tank volume was not determined, but is estimated to be around 500 gallons. The tank appeared to be in fair condition with no obvious signs of leakage. The tank is situated on a wood plank floor that overlies the active tidal zone. The tank appeared to be hard piped to the city distribution system. No tank level controls (overfill) were observed.

- U.S. Postal Service AST – A steel heating oil AST was located between the U.S. Post Office and facility store. The tank volume was not determined, but is estimated to be around 100 to 150 gallons. The tank appeared to be in fair condition with no obvious signs of leakage (Photo 16). The tank is situated on a wood plank floor that overlies the active tidal zone.

- Generator Day Tank (AST) – A 55-gallon drum intermittent "day tank" was present inside the engine room building (Photo 17). The day tank was suspended from the ceiling

of the engine room and was used to supply fuel to the generators. Stains were observed on and below the tank. The residual fluid volume (if any) was unknown. The floor of the engine room is constructed of bare concrete or steel matting over concrete. The fuel supply was hard piped.

- Power Module ASTs – Three ASTs were present at the power module located immediately north of the engine room building and the freezer facility. No significant concerns were identified. Two of the ASTs provided diesel fuel to the power module, and the third was not plumbed for service (empty). The two active USTs were similarly constructed, and each had a storage capacity of 6,000 gallons (Photo 18). Both tanks were reportedly plumbed to the city's tank farm fuel distribution network. Both tanks appeared to be in excellent condition and were located on imported gravel and shot rock fill material. According to Mr. Allen Stewart, both tanks were double walled, and therefore did not require secondary containment. The tanks were equipped with level controls. Placarding on the tank exteriors indicated that secondary containment was required if used for flammable liquid storage; however, diesel fuel is not considered a flammable liquid, but rather a combustible liquid.

  An unprotected above ground diesel fuel line extended from the northeastern most 6,000 gallon AST, and trended downhill to the south exterior of the freezer facility. The fuel line split in opposite directions to the east and west on the building exterior. The lines reportedly provided diesel for the engine room generators and the boiler unit in the store building.

  The third single walled AST appeared to be in good condition, and had an estimated volume capacity of 2,000 gallons. The tank was not plumbed for service. If the tank is to be used in the future, adequate secondary containment needs to be constructed in addition to other applicable requirements.

- Company Housing ASTs – Each of the five company houses located on the south side of Salmon Way were equipped with one exterior heating oil AST (Photo 19). The ASTs for the four westernmost houses were all supported on above ground wood cribbing. The ASTs varied in capacities, with estimates ranging from 150 to 425 gallons. All four ASTs appeared to be in fair to poor condition. Signs of significant discharge were not readily discernable due to wet, partially snow covered ground surfaces and fuel odors were not apparent. Although vegetation growth was seasonally limited at the time of the site visit, potential indicators of contamination were observed at each AST location. Potential indicators included discolored surfaces or deficient vegetation, which otherwise suggest a release (leakage or spillage). Furthermore, access ladders and 5-gallon fuel containers were present at several of the ASTs, indicating hand transfer or liquids. These practices can be conducive for small spills.

  The AST associated with the condemned eastern most house appeared to be sitting on the ground within a rotten wood crib. The tank was in poor condition and was not being used. The estimated tank volume is around 300 gallons and the residual fluid volume contained was not determined. A diesel fuel odor was apparent within the immediate vicinity of the tank. Ground staining was observed on the west end of the tank. A fuel

distribution line from the tank was missing a connection, and neither end was capped (Photo 20).

- Old Bunkhouse ASTs – Two heating oil ASTs were located on the exterior of the old bunkhouse building. Both ASTs appeared to be plumbed to the city's tank farm fuel distribution network, with no tank level controls. The AST located on the west side of the building was in fair condition and is estimated to have a fluid capacity of around 100 to 150 gallons. No obvious signs of leakage were observed (Photo 21). The tank is currently used and is situated on a wood plank floor.

  The AST located on the north side of the building was elevated on wood cribbing and has an estimated volume capacity of around 500 gallons (Photo 22). The tank condition was unsuitable for use. The tank exterior was heavily corroded and pinholes were observed approximately at approximately two thirds the tank height. The tank was not currently being used; however, the volume of residual fluid (if any) was unknown. Since the tank was elevated 10- to 15 feet above ground level, ground surfaces below the boardwalk were not readily accessible for direct observation.

4.3.3 Odors

Unusual or strong odors detected during the site assessment included ammonia, diesel fuel and light mildew smell. An ammonia odor was present in both the crab plant refrigeration room and the engine room building containing refrigeration equipment. Diesel fuel odors were present in the engine room building and at the location of the AST associated with the condemned eastern most company house. A light mildew type odor was observed in the water saturated third floor freezer room where the roof was leaking.

4.3.4 Pools of Liquid

With the exception of the third floor freezer room, no pooling of liquids was observed on-site. No liquids were observed in any of the sumps or drains that were inspected at the time of the site visit.

4.3.5 Drums and Containers

As described in Section 4.3.1, numerous drums and containers were observed at the facility. Due to the prevalent quantity and distribution of containers throughout the facility, the objective of the assessment was to identify areas or conditions of concern which generally included poor housekeeping practices, indications of a release or spill, or significant quantities of petroleum or hazardous products stored in a common area.

4.3.6 Unidentified Substance Containers

Unidentified substance containers were observed in the engine room building. The containers appeared to contain used petroleum liquids such as motor oil, hydraulic oil, or compressor oil. It is very probable that other unidentified substance containers exist on site. Due to time constraints, it was not possible to assess the placarding and contents of each container observed during the site visit. Furthermore, additional containers are likely to exist on the subject properties which were not observed during the site visit.

4.3.7 PCB-Containing Equipment

PCB-containing equipment was observed during the site visit. The PCB-containing equipment included three of four electrical transformers located outside the west exterior wall of the engine room building (Photo 23). Each of the three transformers was placarded as containing PCBs. The fourth transformer was not placarded. All four transformers located outside the west exterior wall of the engine room were in service at the time of the site visit. Each transformer was elevated slightly above ground level on wooden dunnage. The wooden dunnage appeared to be located on top of a concrete foundation that extended from the engine room building. The uppermost surface on which the dunnage was placed contained what appeared to be stained soil, and stressed vegetation (Photo 24). Although the transformers appeared to be in fair condition with some exterior corrosion and pitting, exterior oil stains were present on the PCB bearing transformers. It is possible that the stains were derived from maintenance (filling) activities. Furthermore, the steel cased transformers are exposed to a very corrosive environment that is less than 20-30 feet (horizontal and vertical) from the active tidal zone.

Seven pole mounted transformers are clustered between the engine room building and the freezer facility. The transformers appeared to be in good condition with no readily apparent signs of leakage. The pole mounted transformers were inaccessible; therefore, no identification numbers or placarding was acquired from the transformers. The transformers were installed sometime between 1982 and 2002.

Three transformers were observed on the north exterior wall of the crab plant building. Each transformer was placarded as non-PCB bearing. A large transformer was also located at the modular power plant. The transformer was in excellent condition, and was recently installed in 2007.

Another potential source of PCB bearing materials on-site includes hydraulic fluids. Used hydraulic fluid containers were present inside the seafood facility. Furthermore, hydraulically operated equipment was used at the seafood facility when PCBs were more prevalent in hydraulic fluids.

4.3.8 Emergency Generators

Facility power was provided by the four diesel fueled generators located inside the engine room building. Emergency power was provided by the COP hydroelectric power plant or the modular electrical station when the facility was operational.

4.3.9 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed on any subject properties.

4.3.10 Stained or Corroded Surfaces or Soil

Stained surfaces were observed at the following locations:

- Multiple stains and oily liquids were present on the interior flooring and walls of the engine room building.
- Cobbles and boulders having a reddish discoloration were observed on the beach located adjacent to the west exterior wall of the engine room building. Multiple open pipes

protruded from the concrete foundation of the engine room building which daylighted at the beach (Photo 25). According to former seafood plant engineer, Mr. Fred Grant, the pipes discharged heated coolant water for refrigeration equipment (compressors and condensors), and the heat exchangers for the diesel generators. To best of Mr. Grant's recollection, the coolant water discharge was on a semi closed system, and he was not aware of any oily waste discharge. Although the specific cause of the reddish discolored rock is not known, it is likely attributed to prolonged exposure to high temperature coolant water which can thermally alter (discolor) stone. A large volume of water is being discharged in the 1982 aerial photograph on the west side of the engine room building. An attempt was made to contact an additional plant engineer, Mr. Will Strahm; however, no contact was made.

During the initial site reconnaissance, it was reported that one of the smaller diameter pipes (3/4-inch steel) was used to drain oil from the ammonia compressors (Photo 26). The oil was reportedly collected in 5-gallon buckets during maintenance events. Potential staining existed immediately below the discharge pipe; however, seasonally dead grasses were abundant in the area.

- Potential staining and stressed vegetation was observed at the company housing ASTs; however, the most apparent conditions were noted at the AST associated with condemned, easternmost company house. Stained soil was observed on the east side of the AST, and a fuel odor was observed.
- Ground surfaces (concrete with dirt) at the base of the PCB-bearing transformers located on the west exterior wall of the engine room appeared to be stained.
- Blistering and peeling paints were prevalent all throughout the engine room building. The accelerated degradation of painted surfaces is attributed to the corrosive presence of fugitive ammonia gas. Most painted surfaces were observed to have some degree of paint degradation. Paint blistering varied from minor to significant. None of the blistering and peeling paints were assessed for lead content.

4.3.11 Stressed Vegetation

Stressed vegetation was observed on the subject site. The presence of stressed vegetation is discussed in 4.3.10.

4.3.12 Solid Waste

No solid waste was being generated at the time of the site visit since the facility was dormant (abandoned). It was reported that generated solid wastes were historically disposed of at the unpermitted COP landfill.

4.3.13 Drinking Water Supply

Drinking water is supplied to the subject property by the municipal water system.

4.3.14 Wastewater and Storm Water

No facility construction details were available at the time of the site inspection or available during the writing of this report. A detailed assessment of sub-floor areas and drains was not

possible at the time of the site visit. Most of the processing facility is suspended on wood pilings over the active tidal zone. An assessment of the subfloor piping, conveyances, and potential through floor drains was not performed.

City wide sewer system upgrades were implemented in 1989. The upgrades reportedly included the seafood processing facility. According to Allen Stewart, floor drains located in the processing areas of the crab plant and fish house buildings were plumbed either to the permitted seafood waste outfalls at each respective building or the COP wastewater system.

A 4-inch diameter pipe was observed below the boardwalk at the crab plant building (Photo 27). The pipe terminated at ground surface on the north side of the boardwalk. The pipe was reportedly blinded shut. The purpose and function of the pipe was unknown.

Floor drains and subfloor pipe runs of most significant concern were located inside the engine room building. Several floor drains were present in the concrete foundation of the engine room. Each drain had an associated pipe run. Of the floor drains inspected, none contained any fluid at the time of the investigation. The interiors of accessible floor drains were heavily corroded, however, no significant staining was observed. The subfloor pipe runs generally trended to the east and west. Due to the presence of petroleum floor stains and oily liquids present of the floor of the engine room building, the floor drains are a potential migratory pathway.

One floor drain was located immediately below an ammonia compressor. Steel piping was located immediately above the floor drain which was configured for the direct discharge of fluids to the drain (Photo 28). The fluid source (if any) was not determined or known by those who were present during the site reconnaissance. It is suspected that the piping was configured for the discharge of a water based fluid since no significant petroleum staining was present inside the floor drain.

Multiple steel pipes were observed penetrating the concrete foundation. The pipes were associated with equipment in the engine room building. The intended use for the through floor pipes was not determined. Sub-floor diesel fuel lines were also present inside the engine room building. The fuel lines were recessed in a sub floor raceway covered with steel sheets. The trunk fuel lines located in the raceway, appeared to branch to each generator. The raceway was not accessible nor the integrity assessed at the time of the site visit. The interior of the raceway was heavily stained, which may have been derived from sources spilled on the floor. The pipes trend to the east and to the west.

4.3.15 Wells

No drinking water or groundwater monitoring wells were not reported or observed on the subject property at the time of the site visit.

4.3.16 Septic Systems

The site and associated structures are reportedly connected to the COP sewer system, and according to site contacts, does not have a septic system.

4.3.17 Controlled Substances

Evidence of manufacturing or storage of controlled substances listed in one of the five schedules of controlled substances in Title 21 of the US Federal Code was not observed during the site visit.

5.1 INTERVIEWS

No interviews were performed with any of the previous site owners. A group interview was performed at City Hall on March 22, with individuals knowledgeable with historic and recent practices perfromed at the subject property. Interview participants and their respective roles regarding the property history included the following:

- Clint Bean – COP Mayor and resident;
- Allen Stewart – COP Maintenance Foreman, resident, and former pelican seafood processing facility (PSPF) employee;
- Keith Heller – Former COP Administrator, resident, and former PSPF employee;
- Norman Carson – COP resident historian, and former PSPF employee;

Mr. Jack Derenoff also provided information during the site visit. Mr. Derenoff is a COP resident and former PSPF employee.

URS also engaged in post site assessment correspondence to further evaluate investigation findings. Individuals contacted by URS included:

- Mike Race with Race Realty in Juneau, Alaska;
- Norman Carson;
- Fred Grant – Former PSPF engineer, and COP resident from 1946 to 1979.

URS also contacted Fran Roche of the ADEC Division of Water regarding the current discharge permit status of the facility's seafood waste outfall. Information provided by these individuals is located in the appropriate sections throughout this report.

6.1 FINDINGS

The following findings are based on information obtained from site reconnaissance, interviews with site contacts and government officials, and review of historic documents and regulatory records.

6.2 OPINIONS

This section includes the environmental professional's opinion(s) of the impact on the property of conditions identified in the findings section. The objective and scope of this environmental review is limited to identification of environmental risk. Recommendations are also included which URS does not assume any liability for. The recommendations are only intended to enhance the COP's awareness regarding potential alternatives or scenarios.

Anhydrous Ammonia

Anhydrous ammonia is listed as a hazardous substance under CWA (40 CFR 116.4, 40 CFR 117.3). The reportable quantity is 100 pounds. Ammonia is classified as a hazardous waste under RCRA (40 CFR 262.22 Corrosive #D002). Significant quantities of anhydrous ammonia are presently being stored in the receiver tanks for the crab plant refrigeration system and the refrigeration system located in the engine room building. Although the ammonia has been consolidated into each system's receiver tanks, persistent fugitive ammonia gas continues to seep through unknown receiver tank fixtures (plumbing, valves, or other). It is suspected that both systems are non-compliant with applicable regulations and standards associated with inspection and testing requirements.

Of most concern is the refrigeration system located inside the engine room building. Based on qualitative observations, the apparent integrity of the engine room refrigeration system is substantially less than the crab plant system. The engine room refrigeration system also contains 17 times the ammonia than that of the crab plant system. It is recommended that any future effort to address the stored anhydrous ammonia (transport and shipment, recycling, or transfer to another system or vessel) be directed (prioritized) towards the engine room building refrigeration system. In addition, existing concentrations of ammonia gas within the engine room building will impede any future waste consolidation, housekeeping, or investigation and sampling activities. Corrosive conditions created by the ammonia gas are also accelerating the degradation of paints and equipment in the engine room building.

Chemical incompatibilities of concern could potentially exist. A sealed five gallon container (contents unverified) of sodium hypochlorite (Oaktite Bactericide) was observed in the engine room building. Depending upon concentrations, temperatures, and form of mixing, ammonia and sodium hypochlorite can react to form a variety of products, amongst which includes chloramines that are irritants and can be toxic above certain concentrations. Ammonia is also considered to be incompatible with hydrocarbons, potentially facilitating explosive environments under certain conditions. Consistent with good housekeeping practices, it is recommended that

the open and sealed containers of hydrocarbon bearing fluids in the engine room building be consolidated and stored in a suitably prepared location in sealed containers.

The COP should consider evaluating existing concentrations of ammonia gas in the vicinity of each refrigeration system to determine safe distances and establish exposure controls, especially if work is to be performed in either area. Ammonia has an odor threshold of approximately 20 ppm, and most people will seek relief at lower concentrations.

If monitoring is performed it should be conducted by a properly trained and certified person knowledgeable with the equipment. The monitoring equipment should be properly inspected, maintained, and calibrated to ensure accurate quantification of ammonia concentrations. A variety of ammonia gas detectors are available. Knowledgeable equipment rental and sales distributors and qualified operators are present in Anchorage and Southeast Alaska. Published exposure limits for ammonia by the National Institute for Occupational Safety and Health (NIOSH), are as follows:

Time weighted average (TWA) – 25 parts per million
Short term (ST) – 35 ppm
Immediately dangerous to life and health (IDLH) – 300 ppm

It is recommended that adequate control measure restrictions and enforcement (visual and physical impedance/barriers or locks) be established to prevent uncontrolled exposures at unacceptable levels. Although restricted access placarding exists on the exterior of the engine room building, the specific nature of the hazard should be communicated through additional placarding and maintained accordingly until the hazard no longer exists.

Multiple industrial reclamation vendors were contacted within the state of Alaska and continental United States. The vendors were contacted regarding anhydrous ammonia management options including reclamation and recycling, or controlled destruction alternatives. Several of the vendors specialized in the management, recycling, and disposal of refrigerants including ammonia. With respect to ammonia recycling alternatives, none of the contacted vendors were willing, or able to find an entity to take the ammonia gas for recycling due to high reconditioning costs.

Apparently ammonia is only recycled/reclaimed under controlled conditions in a specialized facility equipped to remove oils and other impurities. Furthermore, residual oils, wastewater, and other impurities derived from the reclamation process are manifested as a hazardous waste for disposal at approved facilities. The same applies for the controlled destruction of ammonia by professional entities, leaving a liquid water mixture of ammonium hydroxide and residual oils.

PCB Transformers

The three PCB-bearing electrical transformers located outside the west exterior wall of the engine room building may have potentially impacted adjacent ground surfaces. Based on the exterior placarding, it is assumed that the dielectric oils contain PCBs at concentrations greater than 50 ppm (50-500 ppm is PCB contaminated, and >500 ppm is PCB containing). Non-PCB

bearing transformers contain dielectric fluids with less than 50 ppm PCBs. The EPA regulates the use, storage and disposal of PCBs under the Toxic Control Substance Act (TSCA) for concentrations generally greater than 50 ppm.

The transformers appeared to be in fair condition with some exterior corrosion; however exterior corrosion and pitting was evident. What appeared to be staining on the casing exteriors may have been attributed to maintenance events (filling). The steel cased transformers are presently exposed to a corrosive ocean environment that is less than 20-30 feet (horizontal and vertical) away.

The PCB transformer owner is responsible for maintaining records of these inspections, which should be conducted on a quarterly basis, or more frequent given the condition of the transformers. Informative inspection information and TSCA details can be found at the following site:

http://www.campuserc.org/virtualtour/waste/pcbs/Pages/PCBTSCADetails.aspx

If future sampling activities (if performed) indicate the presence of exterior PCB contamination, it is recommended that suspect transformers be removed from service immediately. If so, the transformers should be stored temporarily in a covered or enclosed secondary containment in accordance with applicable regulations until proper transport and disposal offsite is arranged. Based on the results of any future transformer integrity assessments, it is recommended that the utility provider remove any suspect transformers from service.

At a minimum, a more thorough assessment of the transformer integrities should be performed by someone knowledgeable with such assessments and applicable requirements. A routine inspection and maintenance program is recommended for all transformers if one does not exist. To the extent possible, all other PCB bearing transformers should be identified. Appropriate placarding on the transformers should be maintained including inspection records. Transformers with identified integrity issues based on maintenance and testing results should be removed from service prior to failure.

ASTs

A total of 14 heating oil ASTs were observed during the site visit. It is suspected that two additional ASTs are present at the company housing units located on the north side of Salmon Way. The presence of these suspect ASTs or condition were not verified during the site visit.

No significant concerns were identified with ASTs located at the processing facility or at the southwest corner of the old bunkhouse building. No obvious signs of leakage or releases were observed, and the tanks appeared to be in fair condition. Most of the tanks are suspended above the active tidal zone on boardwalk planking or cribbing; therefore, conditions are generally not suitable for the preservation of release indicators or access. It is recommended that the tanks and plumbing be routinely inspected for integrity (including leaks), and removed from service prior to failure.

No significant concerns were identified with respect to the ASTs located at modular power plant. If the single wall AST is incorporated into service, adequate secondary containment needs to be installed in addition to other applicable requirements (overfill controls, etc).

Potential AST concerns exist at the company housing units and the old bunkhouse building. Identified concerns were most apparent at the AST located on the north side of the old bunkhouse building, and the AST associated with the easternmost condemned housing unit. Both ASTs exhibited characteristics that are generally associated with a fuel release. The AST located on the north side of the bunkhouse building was corroded with pin-holes located approximately two thirds the height of the tank. Petroleum stained vegetation was observed at the east end of the AST associated with the condemned housing unit. A fuel odor was also noted in the vicinity of this tank.

The ASTs associated with the remaining company housing units each had potential indicators (discolored surfaces or stressed vegetation) that otherwise suggest minor releases (leakage from tank, spills, or plumbing). Transfer of heating oil by hand was also evident and these practices can be conducive for small spills.

All of the ASTs (housing) were in fair to unusable conditions. It is recommended that unused tanks and associated plumbing be drained of their contents to alleviate any future release. The integrity of tanks that are presently used should be assessed and future use evaluated. Any fuel valves or flow controls associated with unused systems should be physically locked in a closed position, placarded, tracked, and controlled under a recorded monitoring program by a designated authority. To the extent possible, any upstream valves should also be locked in a closed position and tracked. All open pipes should be properly capped or blinded shut, placarded, or physically removed if abandoned or unused. Furthermore, no high level tank controls (overfill) were observed on heating oil ASTs plumbed to the city fuel distribution system. We strongly recommend that the COP review all of following informative on-line resources provided by ADEC:

1) Home Heating Oil Tanks – A complete guide for property owners.

   http://www.dec.state.ak.us/spar/perp/heat/hotguide.pdf

2) Maintaining Home Heating Oil Tanks – Fact Sheet containing information for homeowners and other tank owners.

   http://www.dec.state.ak.us/spar/perp/docs/facts.pdf

3) Installation of Home Heating Oil Tanks Brochure.

   http://www.dec.state.ak.us/spar/perp/heat/installation.pdf

4) Tank Safety in Flood and Earthquake Areas.

   http://www.dec.state.ak.us/spar/perp/heat/earthquake_pub.pdf

Crab Plant Discharge Pipe

A 4-inch diameter pipe was observed below the boardwalk at the crab plant building. The pipe was reportedly blinded shut, and the purpose and function of the pipe was unknown. It is

recommended that the COP acquire a copy of any piping plans in order to determine previous usage. Additional sampling activities should be evaluated based on the findings; however, the absence of stains or stressed vegetation indicates no immediate concern.

Engine Room Discharge Pipes

Multiple open pipes protruded westward from the concrete foundation of the engine room building and daylighted at the beach. Acquired information regarding the pipes was limited to interviews. The pipes reportedly discharged heated coolant water for refrigeration equipment (compressors and condensors), and the heat exchangers for the diesel generators. These reports are consistent with conditions observed in a 1982 aerial photograph, and what could be thermally altered (discolored) stone. If any future sampling activities are to be performed in this area, it should be guided by additional information regarding the configuration and use of discharge piping. If an assessment of the subfloor drains located inside the engine room building indicates the discharge of fluids to this area, sampling should be performed to assess the nature and extent of impacts (if any). It is also recommend that a limited assessment be performed (digging) to the extent practicable to evaluate the presence of finer beach materials (sands and gravels) and potential impacts.

A small diameter pipe (3/4-inch steel) was also reportedly used to drain oil from the ammonia compressors into 5-gallon buckets during maintenance events. Potential staining existed immediately below the discharge point but seasonally dead grasses were abundant in the area. The soil horizon below the discharge point is probably less than 3 to 4-inches thick over a cobble and bedrock substrate. The extent of potentially impacted soil is likely to be significantly limited. It is uncertain whether a suitable soil sample can be collected at this location.

Engine Room Floor Drains and Through Floor Piping

Floor drains and through floor pipe runs were located inside the engine room building. The building floor was constructed of concrete. Subfloor drains and pipe configuration details were not available at the time of the assessment, nor during the preparation of this report. Observed conditions inside the engine room building included the presence of oil saturated floor surfaces, very poor housekeeping practices, and prevalent use and storage of petroleum products. The potential exists for discharge of petroleum based liquids or other unapproved wastes to the floor drain network.

An open pipe at an ammonia compressor was also configured for the direct discharge to a floor drain. The pipe source was not determined. Multiple through floor pipes were also observed inside the engine room. The purpose and function of the pipes was not determined.

To the extent possible, it is recommended that the COP acquire a copy of the engine room floor drain and subfloor piping plans in order to determine the final points of discharge. Additional sampling activities should be evaluated based on the findings.

Peeling Paints

Blistering and peeling paints were prevalent all throughout the engine room building. The accelerated degradation of painted surfaces is attributed to the corrosive presence of fugitive

ammonia gas. It is recommended that painted surfaces throughout the facility be tested for lead content prior to any future renovation or demolition of the painted surfaces.

Potential Asbestos Containing Materials

Much of the interior piping inside the facility was either encapsulated within a non-ACM sheath, or was bare. However, the insulation on limited overhead runs of pipe inside the crab plant may potentially have ACMs. The insulation appeared to be in good condition. Other potential ACMs included exterior electrical sheathing on electrical wiring in the engine room building.

Drum Storage

Multiple empty 55-gallon drums and miscellaneous petroleum based containers were present along the exterior west wall of the freezer facility between the engine room building. The area was historically used for the storage of 55-gallon drums based on review of aerial photographs. The potential exists for fluids to have drained below the wood plank flooring to ground surfaces. Ground surfaces below the wood planking were not accessible for inspection.

Freezer Facility Roof

Standing water was present on the uppermost floor of the freezer facility. Welded steel flooring appears to have prevented the water from infiltrating to lower floors. The flat roof of the freezer facility had reportedly leaked for a number of years during plant operation. The integrity of the freezer facility roof is probably in poor condition due to years of prolonged water saturation. The roof is a potential physical hazard (collapse). It is recommended that access be restricted in this portion of the facility, especially during loaded conditions (snow accumulation).

Old Engine Room Fire

The old engine room and ice brine building was formerly located behind the freezer facility. The building burned down sometime in the 1960's. It appears that portions of the new power module footprint and new bunkhouse building are constructed over portions of the old engine room building. Since ground conditions in this area were largely inaccessible during the site visit due to snow cover, it is recommended that a follow-up inspection be performed to identify any residual environmental concerns (if any).

Waste Consolidation

Numerous waste streams were present throughout the facility. Observed regulated waste streams include, but are not limited to:

- hydraulic and compressor oils;
- fuels, motor oils, filter, sorbent pads, petroleum based lubricants,
- aerosols,
- varnishes, lacquers, interior paints, exterior paints, marine paints,
- solvents and cutting oils,
- wood preservatives,
- antifreeze;
- compressed gases;
- refrigerants (R404),
- sodium hypochlorite,

- batteries;
- unmarked containers with unknown contents;

It is recommended that COP acquire the services of a qualified waste contractor. The waste contractor should be capable of providing supervision and management of waste stream consolidation practices, and arranging transport and disposal of wastes off-site. The waste contractor would also be more knowledgeable with other waste disposal alternatives. At a minimum, waste streams should be consolidated based on chemical compatibilities, in approved, sealed containers. Any designated temporary storage area(s) should be adequately prepared based on the nature of the waste stream being stored. Based on the types of wastes observed during the site visit, full service waste contractors are available in Juneau and Anchorage, Alaska.

Permitted Outfall

A permit through ADEC exists for the at least one of the two seafood waste outfalls present at the facility. The COP is not the present permit owner, but permit transfer opportunities exist. The labor and costs associated with the permit transfer process is likely to be significantly less than acquiring a new permit. If the permit is acquired by the COP, an inspection of the outfall(s) is recommended to ensure compliance with all permit conditions.

6.3 CONCLUSIONS

URS has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the former seafood facility and associated properties located in Pelican, Alaska. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- Based on site glass measurements provided during the site visit, significant quantities of anhydrous ammonia are being stored within receiver tanks of the two separate refrigeration systems (7,060 total pounds). The systems are presently leaking ammonia gas.
- Observations indicate that PCB-bearing electrical transformers located outside the west exterior wall of the engine room building may have potentially impacted adjacent ground surfaces.
- Observations indicate that petroleum hydrocarbon contaminated soil is present on the subject property. The contamination is a result of heating oil releases from ASTs associated with housing structures. The concentration and extent of the contamination is unknown.
- Observations indicate that petroleum hydrocarbons, and fluids of unknown or loosely understood origin have been discharged to ground surfaces from open pipes that protrude from the seafood facility. The presence and extent of contamination is unknown.
- Observations indicate that the potential exists for discharge of petroleum liquids or other unapproved wastes to the floor drain network in the engine room building.
- Blistering and peeling paint was prevalent all throughout the engine room building. Lead content was not assessed.
- Observations indicate that the potential exists for discharge of petroleum liquids or other unapproved wastes to ground surfaces below wood plank flooring between the exterior west wall of the freezer facility and the engine room building.

A Phase II Site Assessment/Release Investigation of the subject property is warranted. The investigation should consist of the following:

- Based on observed site conditions, apparent and potential heating oil releases have occurred at ASTs associated with the company housing units and the old bunkhouse building. It is recommended that investigative sampling activities be performed to assess the presence and extent of fuel (heating oil) impacts to ground surfaces, and further evaluate physical site conditions for future reporting. It is also recommended that ASTs associated with the company housing units on the north side of Salmon Way be investigated (if any). ADEC may request corrective (remedial) actions, preparation of a site Conceptual Site Model(s) (CSM), and subsequent reporting if sampling activities indicate the presence of fuel contaminated soil. Observed impediments to any potential corrective actions may include, but are not limited to the following:
    - The shallow bedrock may limit excavation extents; therefore, potential impacts to groundwater are not easily evaluated in these conditions (if requested by ADEC);

  - Heavy equipment access to potential AST release locations is extremely limited, or non-existent. Excavation of potentially impacted soils may be limited to hand tools;
  - Existing structures in close proximity to potential release points (boardwalk, wood pilings, housing units) could potentially limit soil removal activities, resulting in inaccessible contaminated soils.

- It is recommended that additional investigation activities be performed at the PCB bearing transformers to assess the nature of impacts on adjacent ground surfaces (if any), and to determine whether any additional response actions are warranted. The extent of impacts (if any) is assumed to be limited since the transformers are located on top of wood dunnage and dirt covered concrete.

- It is recommended that the presence and extent of impacts be further evaluated at external pipe discharges located at the crab plant and old engine room building. Physical limitations due to the presence of large boulders may potentially impede any invasive inspection.
- It is recommended that surveys for lead containing paints and asbestos containing building materials be conducted of the entire facility.

- To the extent practicable, it is recommended that ground surfaces below the wood planking between the engine room building and freezer facility be assessed.

- Since ground conditions in the former footprint of the old engine room building were largely inaccessible during the site visit due to intermittent snow cover, a follow-up inspection is recommended to identify any residual environmental concerns (if any).

No additional services were contracted for between EPA and URS.

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Heller, Keith. Personal Correspondence between Mr. Keith Heller, former City of Pelican administrator and former PSPF employee, and Mr. Paul Myerchin, Pelican Alaska, March 22, 2011.

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Roche, Fran. Telephone Correspondence between Ms. Fran Roche, ADEC Division of Water, and Mr. Paul Myerchin, URS Anchorage Office, April 8, 2011.

Race, Mike. Telephone Correspondence between Mr. Mike Race, Race Realty, and Mr. Paul Myerchin, URS Anchorage Office, April, 2011.

Race, Mike. E-mail Correspondence between Mr. Mike Race, Race Realty, and Mr. Paul Myerchin, URS Anchorage Office, March 31, 2011.

Stewart, Allen. Personal Correspondence between Mr. Allen Stewart, City of Pelican Maintenance Department and former PSPF employee, and Mr. Paul Myerchin, Pelican Alaska, March 22-23, 2011.

Zirkle, Larry. Telephone Correspondence between Mr. Larry Zirkle, Total Reclaim Environmental Services, and Mr. Paul Myerchin, URS Anchorage Office, April 12, 2011.

This section includes qualification statements of the environmental professionals responsible for conducting the ESA and preparing this report.

The site reconnaissance, file reviews, and report writing were performed by Mr. Paul Myerchin, URS office in Anchorage, Alaska. Mr. Myerchin has a Bachelor of Science Degree in Geology with over 12 years of experience in regulatory compliance, soil and groundwater investigations, and due diligence assessments.

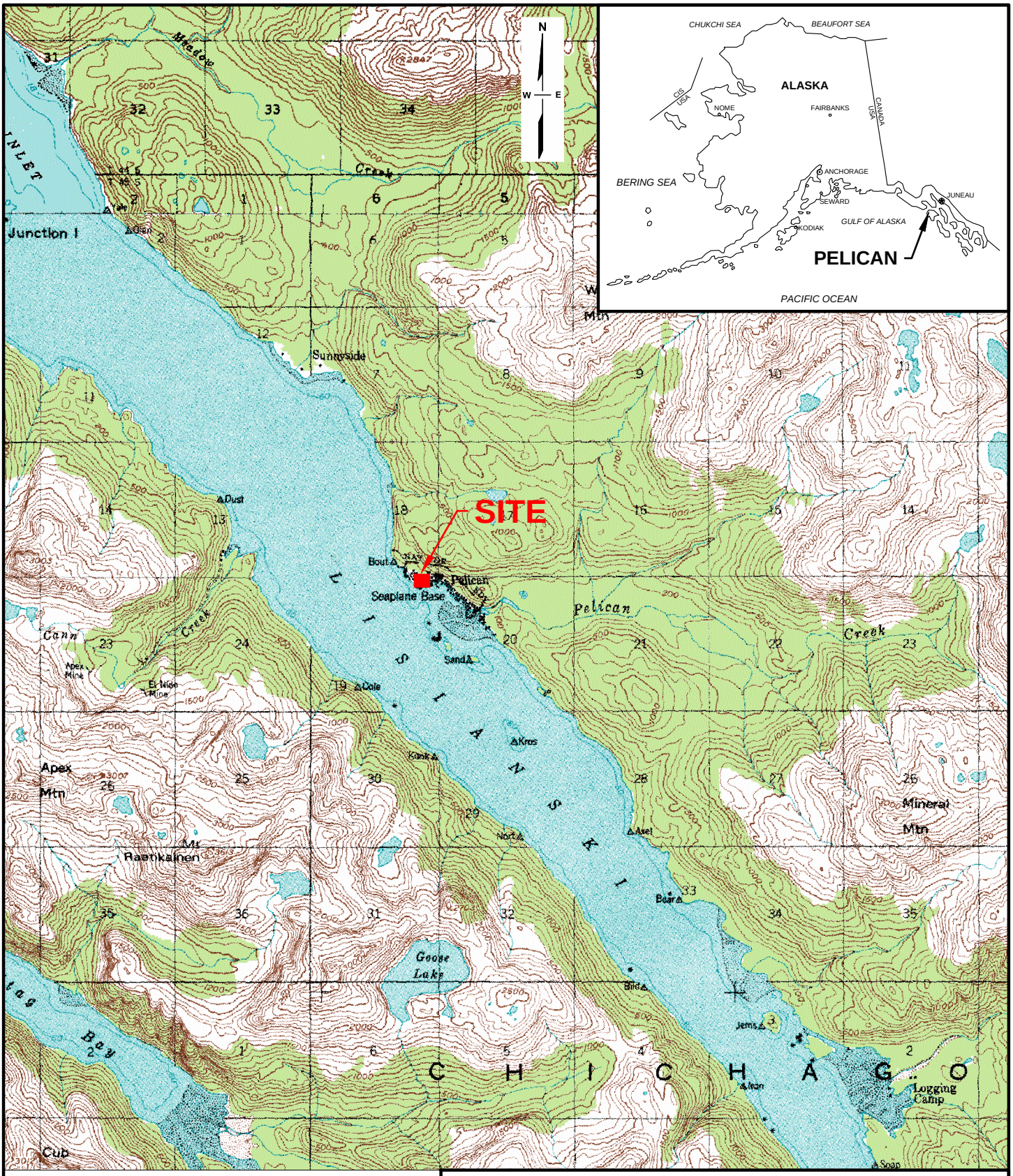
We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

_____

Paul Myerchin
Staff Geologist

Appendix A
Figures



Source: USGS 1:63,360 Topographic Map Series
Sitka (D-7), (D-8) Quadrangles
Mt Fairweather (A-1), (A-2) Quadrangles

0 1 2
SCALE IN MILES

ENVIRONMENTAL PROTECTION AGENCY
TARGETED BROWNFIELDS ASSESSMENT

SITE LOCATION MAP

PELICAN, ALASKA

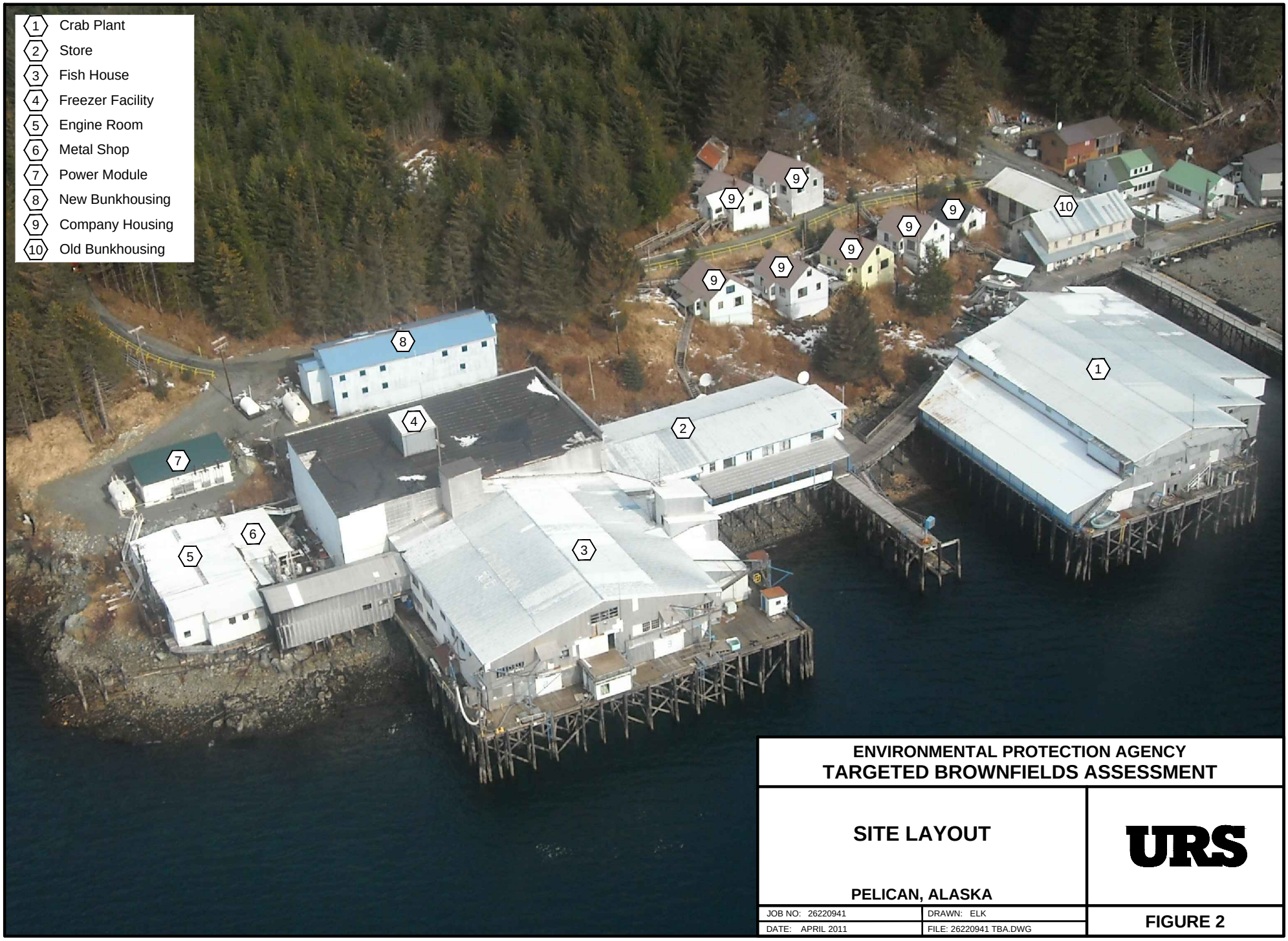
URS

JOB NO: 26220941	DRAWN: ELK
DATE: APRIL 2011	FILE: 26220941 TBA.DWG

FIGURE 1

G:\PROJECTS\26220941 - FORMER PELICAN SEAFOOD FACILITY\401 WORKING DRAWINGS\26220941 TBA.DWG ; Revised 4/15/2011 11:45:57 AM

G:\PROJECTS\26220941 - FORMER PELICAN SEAFOOD FACILITY\401 WORKING DRAWINGS\26220941 TBA.DWG ; Revised 4/15/2011 9:53:54 AM



ENVIRONMENTAL PROTECTION AGENCY
TARGETED BROWNFIELDS ASSESSMENT

SITE LAYOUT

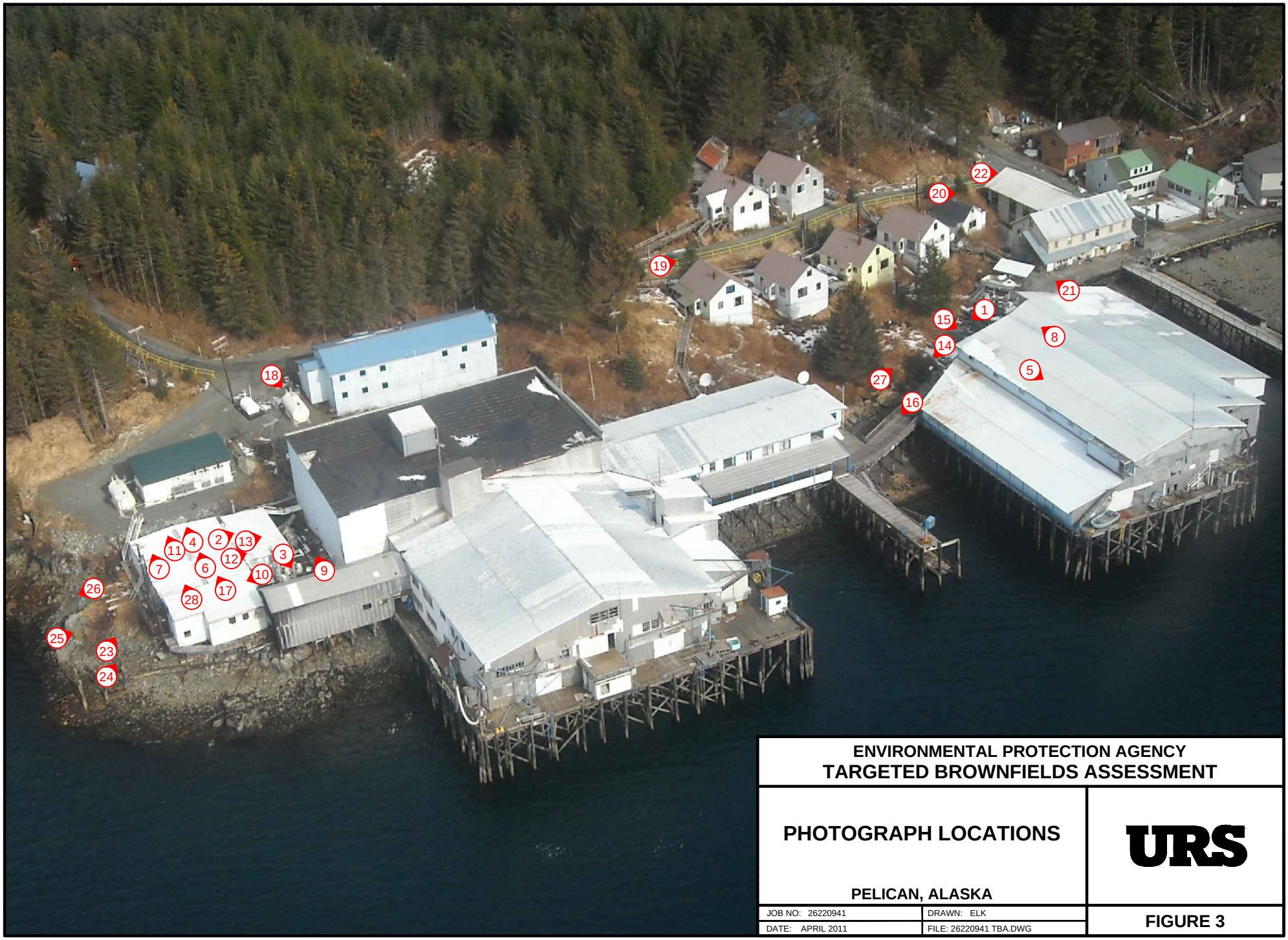
PELICAN, ALASKA

URS

JOB NO: 26220941	DRAWN: ELK
DATE: APRIL 2011	FILE: 26220941 TBA.DWG

FIGURE 2

G:\PROJECTS\26220941 - FORMER PELICAN SEAFOOD FACILITY\401 WORKING DRAWINGS\26220941 TBA.DWG ; Revised 4/15/2011 9:53:54 AM



ENVIRONMENTAL PROTECTION AGENCY
TARGETED BROWNFIELDS ASSESSMENT

PHOTOGRAPH LOCATIONS

PELICAN, ALASKA

URS

JOB NO: 26220941	DRAWN: ELK
DATE: APRIL 2011	FILE: 26220941 TBA.DWG

FIGURE 3

Appendix B
Regulatory Database Search Report

Former Pelican Seafood Processing Facility
171 Salmon Way
Pelican, AK 99829

Inquiry Number: 3027926.2s
March 30, 2011

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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

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

171 SALMON WAY
PELICAN, AK 99829

COORDINATES

Latitude (North):	57.958900 - 57° 57' 32.0''
Longitude (West):	136.223400 - 136° 13' 24.2''
Universal Tranverse Mercator:	Zone 8
UTM X (Meters):	427602.6
UTM Y (Meters):	6424579.0
Elevation:	31 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:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ..... Contaminated Sites Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Solid Waste Facilities

State and tribal leaking storage tank lists

LUST ..... Leaking Underground Storage Tank Database
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ..... Underground Storage Tank Database
AST ..... Regulated Aboveground Storage Tanks
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Engineering Controls Site Listing

INST CONTROL ---------- Contaminated Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program sites

State and tribal Brownfields sites

BROWNFIELDS ---------- Identified and/or Proposed Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
SWRCY ---------- Recycling Facilities
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
CDL ---------- Illegal Drug Manufacturing Sites
US HIST CDL ---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
LUCIS ---------- Land Use Control Information System

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
SPILLS ---------- Spills Database

Other Ascertainable Records

RCRA-NonGen ---------- RCRA - Non Generators
DOT OPS ---------- Incident and Accident Data
DOD ---------- Department of Defense Sites
FUDS ---------- Formerly Used Defense Sites
CONSENT ---------- Superfund (CERCLA) Consent Decrees
ROD ---------- Records Of Decision
UMTRA ---------- Uranium Mill Tailings Sites
MINES ---------- Mines Master Index File
TRIS ---------- Toxic Chemical Release Inventory System
TSCA ---------- Toxic Substances Control Act
FTTS ---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
UIC	UIC Information
DRYCLEANERS	Drycleaner Facility Listing
NPDES	Wastewater Discharge Permit Listing
AIRS	AIRS Facility Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH	Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

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. Count: 17 records.

Site Name	Database(s)
APC - WHITESTONE HARBOR LTF	SHWS, INST CONTROL
APC - EIGHT FATHOM BIGHT LTF & CMP	SHWS, INST CONTROL
AT&T ALASCOM HOONAH RELAY	SHWS, VCP
APC - SALT LAKE BAY LTF	SHWS, INST CONTROL
APC - HOMESHORE LTF	SHWS, INST CONTROL
FAA SISTERS ISLAND	SHWS
APC CORNER BAY LOG TRANSFER FACILI	RCRA-NonGen
APC FALSE ISLAND LOG TRANSFER FACI	RCRA-NonGen
APC CRAB BAY LOG TRANSFER FACILITY	RCRA-NonGen
LONG ISLAND LOG TRANSFER FACILITY	ERNS
APC CORNER BAY LOG TRANSFER FACILI	FINDS
APC FALSE ISLAND LOG TRANSFER FACI	FINDS
APC CRAB BAY LOG TRANSFER FACILITY	FINDS
INSIDE PASSAGE ELECTRIC COOPERATIV	FINDS
PELICAN	FINDS
HOONAH FACILITY	AIRS
DOT HOONAH FERRY TERMINAL WW TREAT	NPDES

OVERVIEW MAP - 3027926.2s

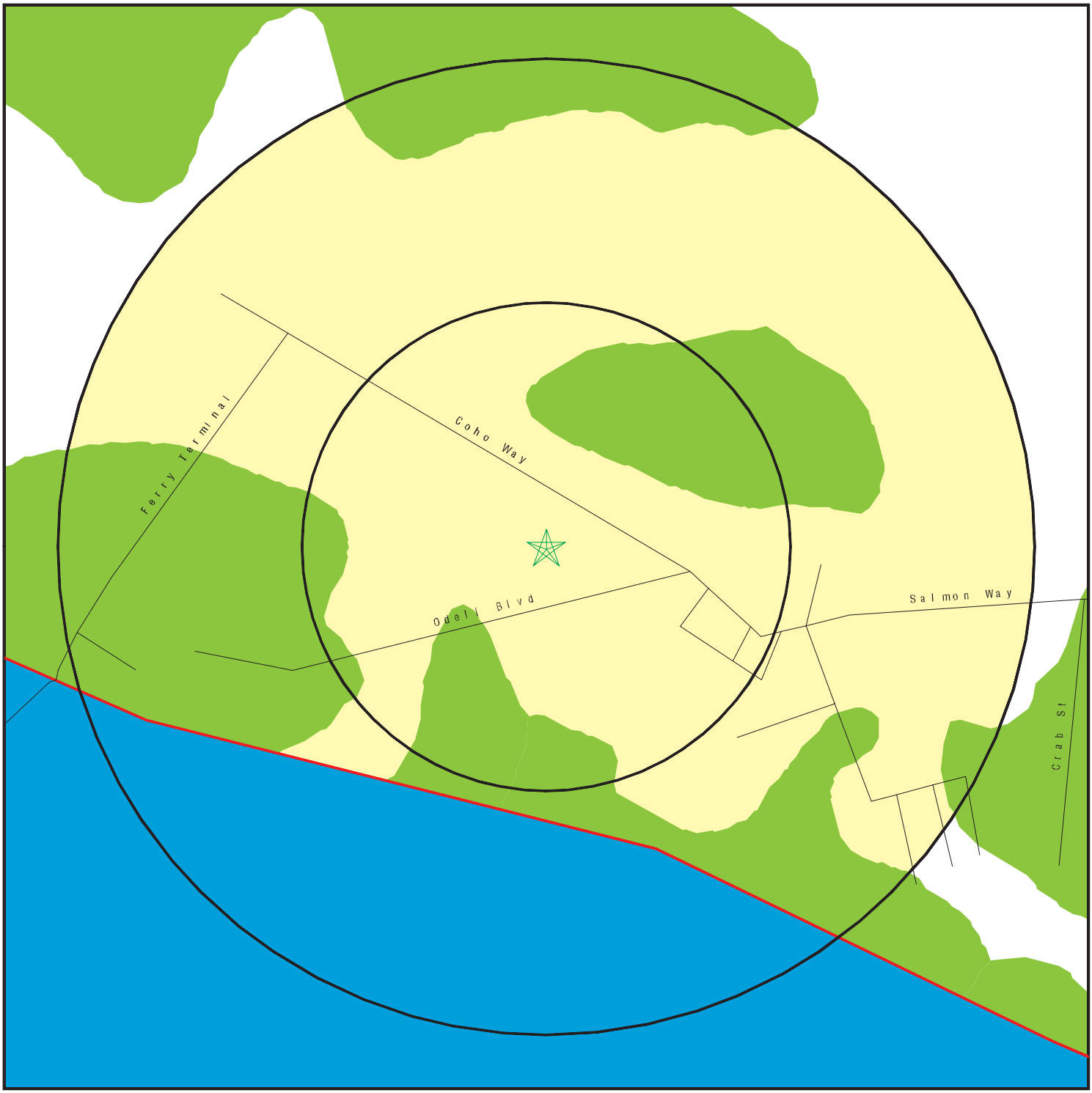
0 1/4 1/2 1 Miles

- 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
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Former Pelican Seafood Processing Facility	CLIENT:	URS Corporation
ADDRESS:	171 Salmon Way Pelican AK 99829	CONTACT:	Paul Myerchin
LAT/LONG:	57.9589 / 136.2234	INQUIRY #:	3027926.2s
		DATE:	March 30, 2011 6:36 pm

DETAIL MAP - 3027926.2s



- 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
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- County Boundary
- National Wetland Inventory
- State Wetlands

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Former Pelican Seafood Processing Facility	CLIENT: URS Corporation
ADDRESS: 171 Salmon Way Pelican AK 99829	CONTACT: Paul Myerchin INQUIRY #: 3027926.2s
LAT/LONG: 57.9589 / 136.2234	DATE: March 30, 2011 6:36 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
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0

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
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	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

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
MINES		0.250	0	0	NR	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
HIST 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
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
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 FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

Count: 17 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HOONAH	1007248611	APC CORNER BAY LOG TRANSFER FACILI	MI 0 FOREST SERVICE RD 75551	99829	FINDS
HOONAH	1007198268	APC CORNER BAY LOG TRANSFER FACILI	MI 0 FOREST SERVICE RD 75551	99829	RCRA-NonGen
HOONAH	1007248622	APC FALSE ISLAND LOG TRANSFER FACI	MI 0.5 FOREST SERVICE RD 7540	99829	FINDS
HOONAH	1007198262	APC FALSE ISLAND LOG TRANSFER FACI	MI 0.5 FOREST SERVICE RD 7540	99829	RCRA-NonGen
HOONAH	1007248610	APC CRAB BAY LOG TRANSFER FACILITY	MI 1 W FOREST SERVICE RD 7560	99829	FINDS
HOONAH	1007198267	APC CRAB BAY LOG TRANSFER FACILITY	MI 1 W FOREST SERVICE RD 7560	99829	RCRA-NonGen
HOONAH	S107738760	HOONAH FACILITY	681ST WHITE ALICE & RCA RD	99829	AIRS
HOONAH	S105961705	APC - WHITESTONE HARBOR LTF	CHICHAGOF IS NE	99829	SHWS, INST CONTROL
HOONAH	S107029221	APC - EIGHT FATHOM BIGHT LTF & CMP	CHICHAGOF IS N	99829	SHWS, INST CONTROL
HOONAH	S108032427	DOT HOONAH FERRY TERMINAL WW TREAT	T GARTEENI & N OF TOWN	99829	NPDES
HOONAH	93331245	LONG ISLAND LOG TRANSFER FACILITY	LONG ISLAND LOG TRANSFER FACIL	99829	ERNS
HOONAH	S104893195	AT&T ALASCOM HOONAH RELAY	1 MILE NORTH OF HOONAH	99829	SHWS, VCP
HOONAH	S106425058	APC - SALT LAKE BAY LTF	12 MILES SW OF HOONAH	99829	SHWS, INST CONTROL
HOONAH	S106079050	APC - HOMESHORE LTF	POINT COUVERDEN ICY ST	99829	SHWS, INST CONTROL
HOONAH	S106079049	FAA SISTERS ISLAND	THE SISTERS IN ICY STRAIT	99829	SHWS
HOONAH	1006725882	INSIDE PASSAGE ELECTRIC COOPERATIV	681 WHITE ALICE/RCA ROAD	99829	FINDS
PELICAN	1011977396	PELICAN	UNKNOWN		FINDS

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.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
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

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

NPL LIENS: 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: 02/14/2011
Next Scheduled EDR Contact: 05/30/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

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: 12/31/2010
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 11/30/2010
Date Data Arrived at EDR: 12/30/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 57

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/11/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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: 10/28/2010
Date Data Arrived at EDR: 12/01/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 86

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/14/2011
Next Scheduled EDR Contact: 05/30/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 01/05/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
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: 01/05/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

Federal ERNS list

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: 12/31/2010
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/07/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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: 09/22/2010
Date Data Arrived at EDR: 09/24/2010
Date Made Active in Reports: 10/21/2010
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 907-451-2143
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

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: 01/03/2011
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 01/21/2011
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 907-269-7632
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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: 02/22/2011
Date Data Arrived at EDR: 02/22/2011
Date Made Active in Reports: 03/25/2011
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 907-465-5301
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

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: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
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: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/16/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

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: 02/04/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

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: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 02/22/2011
Date Data Arrived at EDR: 02/22/2011
Date Made Active in Reports: 03/25/2011
Number of Days to Update: 31
Source: Department of Environmental Conservation
Telephone: 907-269-7504
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 06/06/2011
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: 03/07/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/04/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 11/05/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 84
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 12/02/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 57

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/03/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/16/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 45

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/17/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing
A listing of sites with engineering controls in place included in the Contaminated Sites.

Date of Government Version: 09/22/2010
Date Data Arrived at EDR: 09/24/2010
Date Made Active in Reports: 10/21/2010
Number of Days to Update: 27
Source: Department of Environmental Conservation
Telephone: 907-451-2143
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Quarterly

Inst Control: Contaminated Sites with Institutional Controls
Contaminated sites that have institutional controls.

Date of Government Version: 09/22/2010
Date Data Arrived at EDR: 09/24/2010
Date Made Active in Reports: 10/21/2010
Number of Days to Update: 27
Source: Department of Environmental Conservation
Telephone: 907-451-2143
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program sites
Sites involved in the Voluntary Cleanup Program.

Date of Government Version: 12/06/2010
Date Data Arrived at EDR: 12/07/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 10
Source: Department of Environmental Conservation
Telephone: 907-451-2143
Last EDR Contact: 03/07/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 75
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

State and tribal Brownfields sites

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: 09/22/2010
Date Data Arrived at EDR: 09/24/2010
Date Made Active in Reports: 10/21/2010
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 907-451-2166
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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: 12/29/2010
Date Data Arrived at EDR: 12/30/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/29/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities
A listing of Recycling centers in the state of Alaska.

Date of Government Version: 01/03/2011
Date Data Arrived at EDR: 01/04/2011
Date Made Active in Reports: 01/21/2011
Number of Days to Update: 17

Source: Department of Environmental Conservation
Telephone: 907-269-7802
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/08/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/03/2010
Date Data Arrived at EDR: 12/30/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/08/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: Quarterly

CDL: Illegal Drug Manufacturing Sites
A list of properties that have been determined to be illegal drug manufacturing sites.

Date of Government Version: 08/25/2010
Date Data Arrived at EDR: 11/22/2010
Date Made Active in Reports: 12/17/2010
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 907-269-7543
Last EDR Contact: 02/25/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 11/09/2010
Date Data Arrived at EDR: 11/16/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 06/06/2011
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 51

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/05/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Annually

SPILLS: Spills Database

Oil and hazardous substance releases to be reported to the Department of Environmental Conservation.

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 01/14/2011
Date Made Active in Reports: 01/21/2011
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 907-465-5242
Last EDR Contact: 01/10/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 01/06/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/13/2010
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/11/2011
Next Scheduled EDR Contact: 05/23/2011
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/15/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

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: 10/01/2010
Date Data Arrived at EDR: 10/29/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
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: 02/25/2011
Date Data Arrived at EDR: 03/16/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 5

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/16/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/04/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Varies

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: 08/04/2010
Date Data Arrived at EDR: 09/09/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/09/2011
Next Scheduled EDR Contact: 06/20/2011
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 12/17/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 94

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/29/2011
Next Scheduled EDR Contact: 07/11/2011
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/28/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/31/2011
Next Scheduled EDR Contact: 05/16/2011
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: 01/07/2011
Date Data Arrived at EDR: 01/21/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 07/11/2011
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
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: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/13/2011
Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

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: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 03/14/2011
Next Scheduled EDR Contact: 06/27/2011
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
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: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/01/2011
Next Scheduled EDR Contact: 06/13/2011
Data Release Frequency: Biennially

UIC: UIC Information

A listing of underground injection control wells.

Date of Government Version: 03/14/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 03/25/2011
Number of Days to Update: 10

Source: Oil & Gas Conservation Commission
Telephone: 907-793-1224
Last EDR Contact: 03/15/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Quarterly

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: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: No Update Planned

NPDES: Wastewater Discharge Permit Listing
A listing of permitted wastewater facilities.

Date of Government Version: 12/29/2010
Date Data Arrived at EDR: 12/29/2010
Date Made Active in Reports: 01/21/2011
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 907-465-5480
Last EDR Contact: 03/29/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Varies

AIRS: AIRS Facility Listing
A listing of permitted airs facilities.

Date of Government Version: 01/19/2011
Date Data Arrived at EDR: 01/20/2011
Date Made Active in Reports: 01/31/2011
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 907-451-2103
Last EDR Contact: 01/17/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/22/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/21/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: N/A

COAL ASH: Coal Ash Disposal Sites
A listing of coal ash disposal site locations.

Date of Government Version: 01/03/2011
Date Data Arrived at EDR: 01/04/2011
Date Made Active in Reports: 01/21/2011
Number of Days to Update: 17

Source: Department of Environmental Conservation
Telephone: 907-451-2135
Last EDR Contact: 01/03/2011
Next Scheduled EDR Contact: 04/18/2011
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/18/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2011
Next Scheduled EDR Contact: 05/02/2011
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/04/2011
Next Scheduled EDR Contact: 05/16/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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.

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: 12/31/2010
Date Data Arrived at EDR: 02/09/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2011
Next Scheduled EDR Contact: 05/23/2011
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

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 2003 & 2009 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER PELICAN SEAFOOD PROCESSING FACILITY
171 SALMON WAY
PELICAN, AK 99829

TARGET PROPERTY COORDINATES

Latitude (North):	57.95890 - 57° 57' 32.0''
Longitude (West):	136.2234 - 136° 13' 24.3''
Universal Tranverse Mercator:	Zone 8
UTM X (Meters):	427602.6
UTM Y (Meters):	6424579.0
Elevation:	31 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).

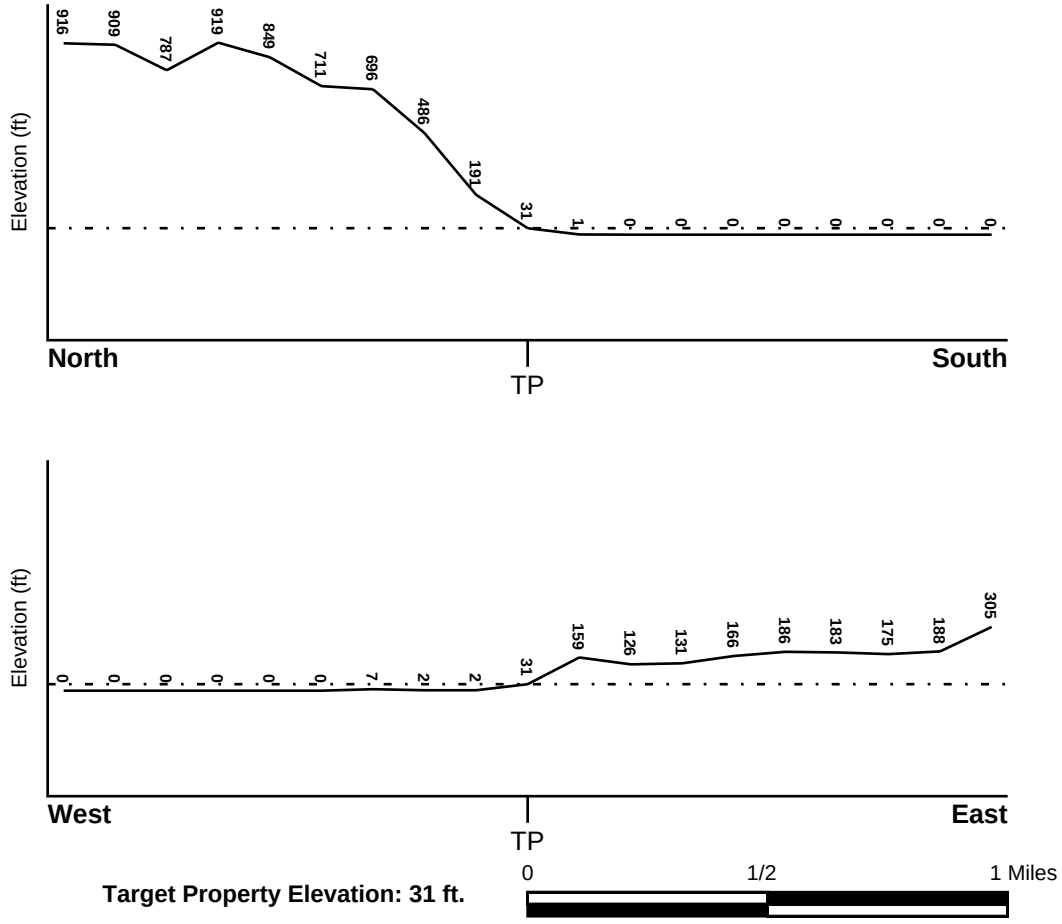
TOPOGRAPHIC INFORMATION

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 SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 31 ft.

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

Target Property County	FEMA Flood Electronic Data
SKAGWAY-YAKUTAT-ANGOON, AK	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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:	TYPIC HUMICRYODS
Soil Surface Texture:	very gravelly - silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet 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							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	3 inches	very gravelly - silt loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 0.00 Min: 0.00
2	3 inches	8 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	8 inches	22 inches	very gravelly - coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 5.50 Min: 4.50
4	22 inches	60 inches	very cobbly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 5.50 Min: 5.10

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: peat
silt loam
gravelly - silt loam

Surficial Soil Types: peat
silt loam
gravelly - silt loam

Shallow Soil Types: gravelly - silt loam
very gravelly - silt loam
silt loam
mucky-peat
muck
stratified
fine sandy loam

Deeper Soil Types: unweathered bedrock

very gravelly - sandy loam
hemic material
very gravelly - silty clay loam
extremely gravelly - silt loam
mucky-peat
very gravelly - sand
stratified
gravelly - coarse sand

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile

FEDERAL USGS WELL INFORMATION

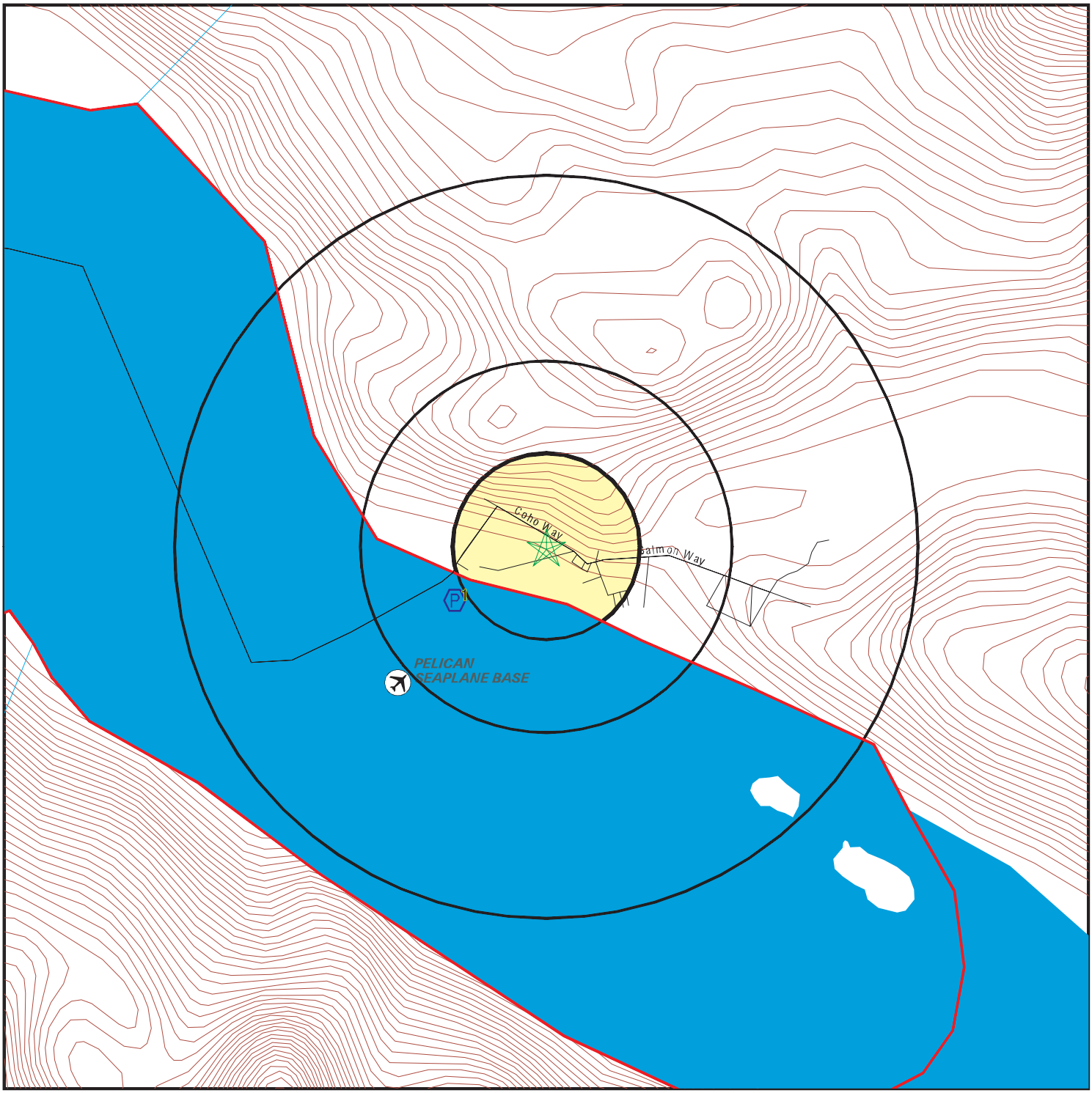
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	AK2130122	1/4 - 1/2 Mile WSW

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

PHYSICAL SETTING SOURCE MAP - 3027926.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: Former Pelican Seafood Processing Facility	CLIENT: URS Corporation
ADDRESS: 171 Salmon Way	CONTACT: Paul Myerchin
Pelican AK 99829	INQUIRY #: 3027926.2s
LAT/LONG: 57.9589 / 136.2234	DATE: March 30, 2011 6:37 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
WSW
1/4 - 1/2 Mile
Lower | **FRDS PWS** | **AK2130122**

Pwsid:	AK2130122	Epa region:	10
State:	AK	County:	Skagway-Hoonah-Angoon
Pws name:	PELICAN UTILITIES		
Population Served:	174	Pwssvcconn:	96
PWS Source:	Surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	29263		
Facility name:	ST PELICAN CREEK		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	PHILLIPS, PATRICIA		
Original name:	PHILLIPS, PATRICIA		
Contact phone:	Not Reported	Contact address1:	PO Box 737
Contact address2:	Not Reported		
Contact city:	PELICAN		
Contact zip:	99832		

Pwsid:	AK2130122	Epa region:	10
State:	AK	County:	Skagway-Hoonah-Angoon
Pws name:	PELICAN UTILITIES		
Population Served:	174	Pwssvcconn:	96
PWS Source:	Surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	29435		
Facility name:	TP FOR PELICAN CREEK		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	PHILLIPS, PATRICIA		
Original name:	PHILLIPS, PATRICIA		
Contact phone:	Not Reported	Contact address1:	PO Box 737
Contact address2:	Not Reported		
Contact city:	PELICAN		
Contact zip:	99832		

Pwsid:	AK2130122	Epa region:	10
State:	AK	County:	Skagway-Hoonah-Angoon
Pws name:	PELICAN UTILITIES		
Population Served:	174	Pwssvcconn:	96
PWS Source:	Surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	29900		
Facility name:	SS PELICAN CREEK		
Facility type:	Sampling_station	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		

Contact name:	PHILLIPS, PATRICIA		
Original name:	PHILLIPS, PATRICIA		
Contact phone:	Not Reported	Contact address1:	PO Box 737
Contact address2:	Not Reported		
Contact city:	PELICAN		
Contact zip:	99832		

Pwsid:	AK2130122	Epa region:	10
State:	AK	County:	Skagway-Hoonah-Angoon
Pws name:	PELICAN UTILITIES		
Population Served:	174	Pwssvcconn:	96
PWS Source:	Surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	30151		
Facility name:	IN PELICAN CREEK		
Facility type:	Intake	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	PHILLIPS, PATRICIA		
Original name:	PHILLIPS, PATRICIA		
Contact phone:	Not Reported	Contact address1:	PO Box 737
Contact address2:	Not Reported		
Contact city:	PELICAN		
Contact zip:	99832		

Pwsid:	AK2130122	Epa region:	10
State:	AK	County:	Skagway-Hoonah-Angoon
Pws name:	PELICAN UTILITIES		
Population Served:	174	Pwssvcconn:	96
PWS Source:	Surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	30167		
Facility name:	DS PELICAN CREEK		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	PHILLIPS, PATRICIA		
Original name:	PHILLIPS, PATRICIA		
Contact phone:	Not Reported	Contact address1:	PO Box 737
Contact address2:	Not Reported		
Contact city:	PELICAN		
Contact zip:	99832		

PWS ID:	AK2130122		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	PELICAN UTILITIES BOX 110 PELICAN, AK 99832		

Addressee / Facility: Not Reported

Facility Latitude:	57 57 30	Facility Longitude:	136 13 30
City Served:	Not Reported		
Treatment Class:	Treated	Population:	370

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID:	9311376	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	ARSENIC				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311375	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	BARIUM				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311374	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	CADMIUM				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311373	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	CHROMIUM				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311372	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	LEAD				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311371	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	MERCURY				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311370	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	SELENIUM				
Vio. Awareness Date:	Not Reported				

Violation ID:	9311368	Source ID:	001	PWS Phone:	9077354111
Vio. beginning Date:	04/01/92	Vio. end Date:	03/31/93	Vio. Period:	012 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	FLUORIDE				
Vio. Awareness Date:	Not Reported				

Violation ID:	9411391	Source ID:	001	PWS Phone:	Not Reported
Vio. beginning Date:	06/01/94	Vio. end Date:	06/30/94	Vio. Period:	001 Months
Num required Samples:	Not Reported	Number of Samples Taken:		Not Reported	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Treatment Technique (SWTR)				
Contaminant:	Not Reported				
Vio. Awareness Date:	Not Reported				

Violation ID:	9411420	Source ID:	001	PWS Phone:	Not Reported
Vio. beginning Date:	07/01/94	Vio. end Date:	07/31/94	Vio. Period:	001 Months
Num required Samples:	Not Reported	Number of Samples Taken:		Not Reported	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Treatment Technique (SWTR)				
Contaminant:	Not Reported				
Vio. Awareness Date:	Not Reported				

Violation ID:	9410525	Source ID:	001	PWS Phone:	Not Reported
Vio. beginning Date:	12/01/93	Vio. end Date:	12/31/93	Vio. Period:	001 Months
Num required Samples:	Not Reported	Number of Samples Taken:		Not Reported	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Major (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	Not Reported				

Violation ID:	9410605	Source ID:	001	PWS Phone:	Not Reported
Vio. beginning Date:	10/01/93	Vio. end Date:	12/31/93	Vio. Period:	003 Months
Num required Samples:	Not Reported	Number of Samples Taken:		000	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	NITRATE				
Vio. Awareness Date:	Not Reported				

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1087902	Contaminant:	SWTR
Viol. Type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Complperbe:	8/1/2002 0:00:00		
Complperen:	8/31/2002 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	0		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1222303	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	9/1/2002 0:00:00		
Complperen:	9/30/2002 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1222404	Contaminant:	SWTR
Viol. Type:	Treatment Technique (SWTR)		
Complperbe:	11/1/2003 0:00:00		
Complperen:	11/30/2003 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1222705	Contaminant:	7000
Viol. Type:	CCR Inadequate Reporting		
Complperbe:	10/1/2004 0:00:00		
Complperen:	12/31/2025 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1222805	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	1/1/2004 0:00:00		
Complperen:	12/31/2004 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1222905	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	1/1/2004 0:00:00		
Complperen:	12/31/2004 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1223407	Contaminant:	7000
Viol. Type:	CCR Inadequate Reporting		
Complperbe:	10/1/2006 0:00:00		
Complperen:	12/31/2025 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1225707	Contaminant:	ARSENIC
Viol. Type:	3		
Complperbe:	1/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1225807	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	1/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1225907	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	1/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1226808	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	8/1/2008 0:00:00		
Complperen:	8/31/2008 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1226909	Contaminant:	SWTR
Viol. Type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Complperbe:	8/1/2008 0:00:00		
Complperen:	8/31/2008 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	1227009	Contaminant:	0999
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2008 0:00:00		
Complperen:	9/30/2008 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	8888800	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2000 0:00:00		
Complperen:	5/21/2002 0:00:00	Enfdate:	5/21/2002 0:00:00
Enf action:	Fed Compliance Achieved		
Violmeasur:	0		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	9999997	Contaminant:	SWTR
Viol. Type:	Failure to Filter (SWTR)		
Complperbe:	1/1/1992 0:00:00		
Complperen:	12/31/2025 0:00:00	Enfdate:	11/1/1995 0:00:00
Enf action:	Fed PAO Issued		
Violmeasur:	0		

Truedate:	03/31/2009	Pwsid:	AK2130122
Pwsname:	PELICAN UTILITIES		
Retpopsrvd:	174	Pwstypecod:	C
Vioid:	9999997	Contaminant:	SWTR
Viol. Type:	Failure to Filter (SWTR)		
Complperbe:	1/1/1992 0:00:00		
Complperen:	12/31/2025 0:00:00	Enfdate:	2/9/1996 0:00:00
Enf action:	Fed FAO Issued		
Violmeasur:	0		

System Name:	PELICAN UTILITIES		
Violation Type:	Failure to Filter (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	0088888		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued

System Name:	PELICAN UTILITIES		
Violation Type:	Failure to Filter (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	0088888		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Contaminant:	SWTR		
Compliance Period:	8/1/2002 0:00:00 - 8/31/2002 0:00:00		
Violation ID:	1087902		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Contaminant:	SWTR		
Compliance Period:	8/1/2002 0:00:00 - 8/31/2002 0:00:00		
Violation ID:	1087902		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2002 0:00:00 - 9/30/2002 0:00:00		
Violation ID:	1222303		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2002 0:00:00 - 9/30/2002 0:00:00		
Violation ID:	1222303		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	Treatment Technique (SWTR)		
Contaminant:	SWTR		
Compliance Period:	11/1/2003 0:00:00 - 11/30/2003 0:00:00		
Violation ID:	1222404		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	Treatment Technique (SWTR)		
Contaminant:	SWTR		
Compliance Period:	11/1/2003 0:00:00 - 11/30/2003 0:00:00		
Violation ID:	1222404		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	PELICAN UTILITIES		
Violation Type:	CCR Inadequate Reporting		
Contaminant:	7000		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	1222705		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	PELICAN UTILITIES		
Violation Type:	CCR Inadequate Reporting		
Contaminant:	7000		
Compliance Period:	10/1/2004 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	1222705		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	01/01/04 - 12/31/04		
Violation ID:	1222805		
Enforcement Date:	01/01/06	Enf. Action:	State Compliance Achieved
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	1/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1222805		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	1/1/2004 0:00:00 - 12/31/2004 0:00:00		
Violation ID:	1222905		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	01/01/04 - 12/31/04		
Violation ID:	1222905		
Enforcement Date:	01/01/06	Enf. Action:	State Compliance Achieved
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Contaminant:	SWTR		
Compliance Period:	4/1/2006 0:00:00 - 4/30/2006 0:00:00		
Violation ID:	1223106		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Contaminant:	SWTR		
Compliance Period:	4/1/2006 0:00:00 - 4/30/2006 0:00:00		
Violation ID:	1223106		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Contaminant:	SWTR		
Compliance Period:	4/1/2006 0:00:00 - 4/30/2006 0:00:00		
Violation ID:	1223206		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Filter)		
Contaminant:	SWTR		
Compliance Period:	4/1/2006 0:00:00 - 4/30/2006 0:00:00		
Violation ID:	1223206		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	CCR Inadequate Reporting		
Contaminant:	7000		
Compliance Period:	10/1/2006 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	1223407		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	3		
Contaminant:	ARSENIC		
Compliance Period:	1/1/2006 0:00:00 - 12/31/2006 0:00:00		
Violation ID:	1225707		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	1/1/2006 0:00:00 - 12/31/2006 0:00:00		
Violation ID:	1225807		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	1/1/2006 0:00:00 - 12/31/2006 0:00:00		
Violation ID:	1225907		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	PELICAN UTILITIES		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	07/01/00 - 05/21/02		
Violation ID:	8888800		
Enforcement Date:	05/21/02	Enf. Action:	Fed Compliance Achieved
System Name:	PELICAN UTILITIES		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2000 0:00:00 - 5/21/2002 0:00:00		
Violation ID:	8888800		
Enforcement Date:	5/21/2002 0:00:00	Enf. Action:	Fed Compliance Achieved
System Name:	PELICAN UTILITIES		
Violation Type:	Treatment Technique (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1994-06-01 - 1994-06-30		
Violation ID:	9411391		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Treatment Technique (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1994-06-01 - 1994-06-30		
Violation ID:	9411391		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Treatment Technique (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1994-07-01 - 1994-07-31		
Violation ID:	9411420		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Treatment Technique (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1994-07-01 - 1994-07-31		
Violation ID:	9411420		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Contaminant:	SWTR		
Compliance Period:	1994-09-01 - 1994-09-30		
Violation ID:	9510031		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine/Repeat (SWTR-Unfilt)		
Contaminant:	SWTR		
Compliance Period:	1994-09-01 - 1994-09-30		
Violation ID:	9510031		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	FLUORIDE		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512216		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	FLUORIDE		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512216		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	SELENIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512217		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	SELENIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512217		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	MERCURY		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512218		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	MERCURY		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512218		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CHROMIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512219		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CHROMIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512219		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CADMIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512220		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CADMIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512220		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	BARIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512221		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	BARIUM		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512221		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	ARSENIC		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512222		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	ARSENIC		
Compliance Period:	1994-01-01 - 1994-12-31		
Violation ID:	9512222		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-08-01 - 1995-08-31		
Violation ID:	9610057		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-08-01 - 1995-08-31		
Violation ID:	9610057		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-11-01 - 1995-11-30		
Violation ID:	9610514		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-11-01 - 1995-11-30		
Violation ID:	9610514		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	XYLENES, TOTAL		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611268		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	XYLENES, TOTAL		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611268		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	P-DICHLOROBENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611269		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	P-DICHLOROBENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611269		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1,1-TRICHLOROETHANE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611270		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1,1-TRICHLOROETHANE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611270		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	O-DICHLOROBENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611271		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	O-DICHLOROBENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611271		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CARBON TETRACHLORIDE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611272		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CARBON TETRACHLORIDE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611272		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	MONOCHLOROBENZENE (CHLOROBENZENE)		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611273		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	MONOCHLOROBENZENE (CHLOROBENZENE)		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611273		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TOLUENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611274		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TOLUENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611274		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TETRACHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611275		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TETRACHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611275		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	STYRENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611276		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	STYRENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611276		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	ETHYLBENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611277		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	ETHYLBENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611277		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROPROPANE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611278		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROPROPANE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611278		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CIS-1,2-DICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611279		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	CIS-1,2-DICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611279		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TRANS-1,2-DICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611280		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TRANS-1,2-DICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611280		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1-DICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611281		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued

ENFORCEMENT INFORMATION:

System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,1-DICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611281		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TRICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611282		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	TRICHLOROETHYLENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611282		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	BENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611283		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	BENZENE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611283		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROETHANE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611284		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Monitoring, Regular		
Contaminant:	1,2-DICHLOROETHANE		
Compliance Period:	1995-01-01 - 1995-12-31		
Violation ID:	9611284		
Enforcement Date:	1996-02-09	Enf. Action:	Fed FAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Failure to Filter (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	9799999		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued
System Name:	PELICAN UTILITIES		
Violation Type:	Failure to Filter (SWTR)		
Contaminant:	SWTR		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	9799999		
Enforcement Date:	1995-11-01	Enf. Action:	Fed PAO Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

CONTACT INFORMATION:

Name:	PELICAN UTILITIES	Population:	174
Contact:	PHILLIPS, PATRICIA	Phone:	Not Reported
Address:	PO Box 737		
Address 2:	PELICAN		
	AK, 99		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: AK Radon

Radon Test Results

Num Tests	< 0.5 pCi/L	0.5 - 2.0	2.1 - 4.0	4.1 - 10	10-20	> 20 pCi/L
5	5	0	0	0	0	0

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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^{R} 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 IRAA 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

Former Pelican Seafood Processing Facility
171 Salmon Way
Pelican, AK 99832

Inquiry Number: 3027926.5
March 31, 2011

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Date EDR Searched Historical Sources:

Aerial Photography March 31, 2011

Target Property:

171 Salmon Way

Pelican, AK 99832

Year	*Scale*	*Details*	*Source*
1979	Aerial Photograph. Scale: 1"=1000'	Panel #: /Flight Date: August 12, 1979	EDR


INQUIRY #: 3027926.5
YEAR: 1979
= 1000'
N

Former Pelican Seafood Processing Facility
171 Salmon Way
Pelican, AK 99832

Inquiry Number: 3027926.4
March 31, 2011

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

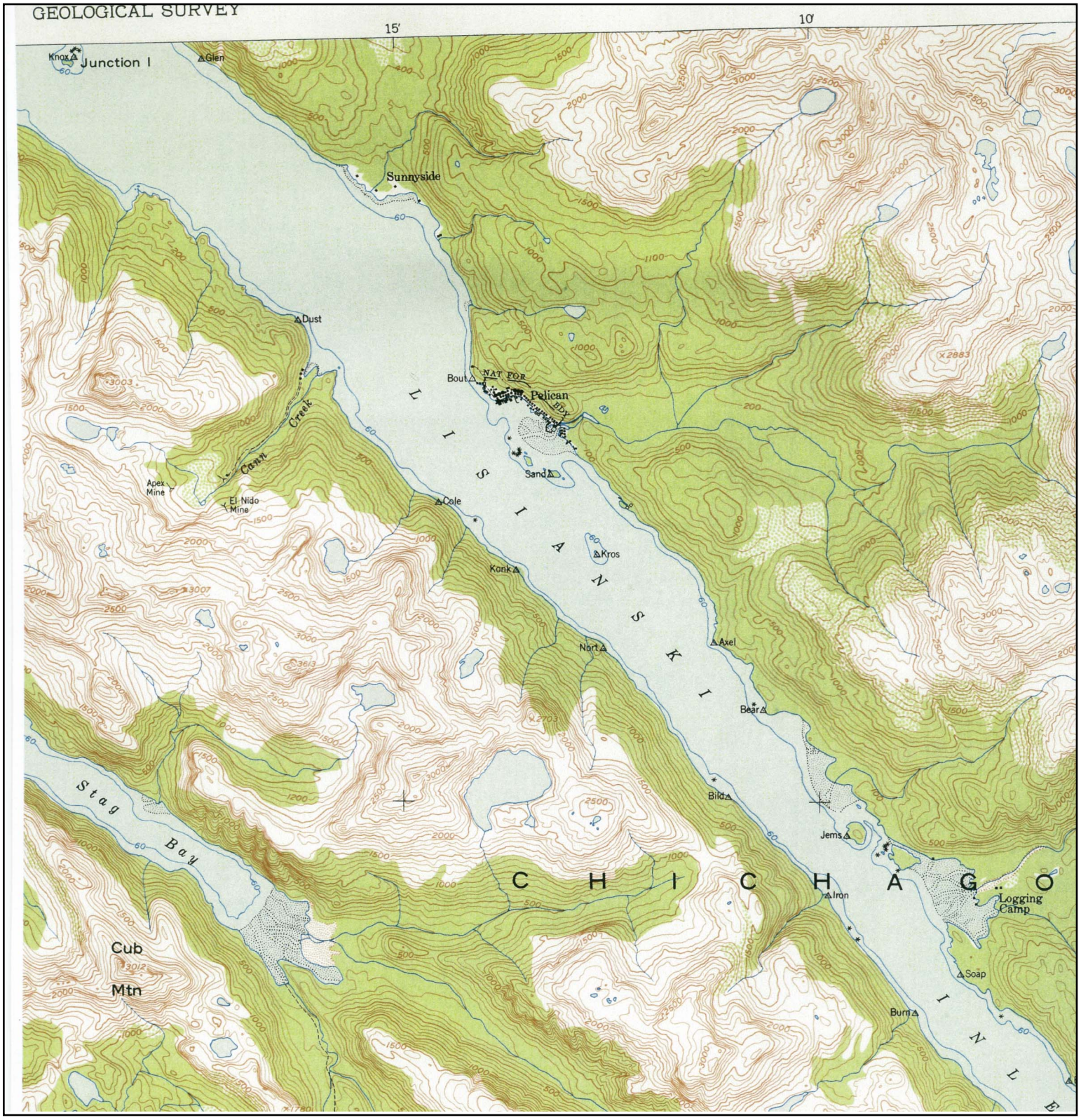
440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

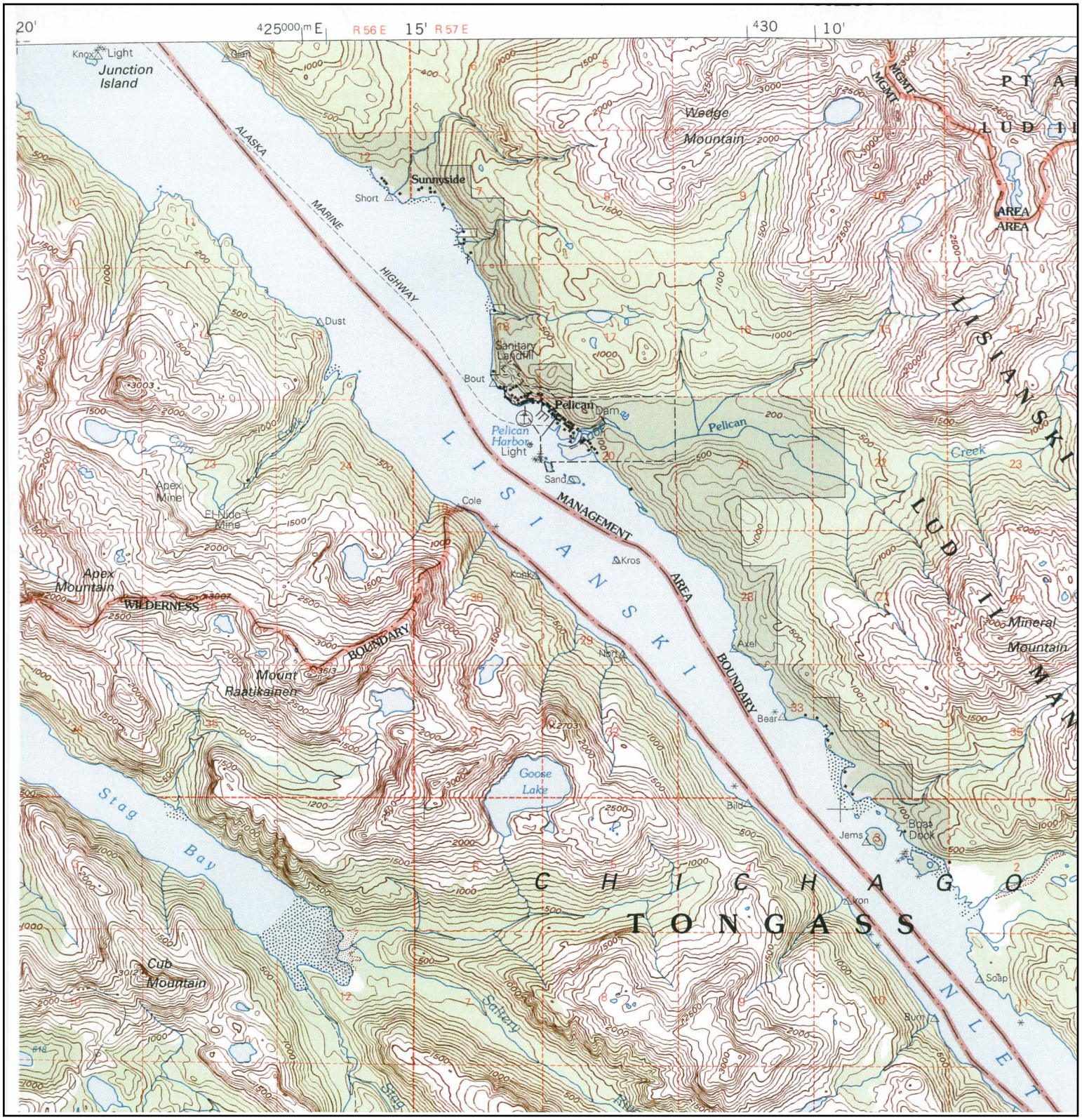
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Historical Topographic Map



N	TARGET QUAD NAME: Sitka D-7, AK MAP YEAR: 1951 SERIES: 15 SCALE: 1:63,360	SITE NAME: Former Pelican Seafood Processing ADDRESS: 171 Salmon Way Pelican, AK 99832 LAT/LONG: 57.9589 / -136.2234	CLIENT: URS Corporation CONTACT: Paul Myerchin INQUIRY#: 3027926.4 RESEARCH DATE: 03/31/2011

Historical Topographic Map



N	TARGET QUAD NAME: Sitka D-7, AK MAP YEAR: 1997 SERIES: 15 SCALE: 1:63,360	SITE NAME: Former Pelican Seafood Processing ADDRESS: 171 Salmon Way Pelican, AK 99832 LAT/LONG: 57.9589 / -136.2234	CLIENT: URS Corporation CONTACT: Paul Myerchin INQUIRY#: 3027926.4 RESEARCH DATE: 03/31/2011

Former Pelican Seafood Processing Facility
171 Salmon Way
Pelican, AK 99832

Inquiry Number: 3027926.3
March 30, 2011

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/30/11

Site Name:
Former Pelican Seafood
171 Salmon Way
Pelican, AK 99832

Client Name:
URS Corporation
560 East 34th Avenue
Anchorage, AK 99503

EDR Inquiry # 3027926.3

Contact: Paul Myerchin

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by URS Corporation were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Former Pelican Seafood Processing Facility
Address: 171 Salmon Way
City, State, Zip: Pelican, AK 99832
Cross Street:
P.O. # NA
Project: NA
Certification # AF3A-4DD7-8823

Sanborn® Library search results
Certification # AF3A-4DD7-8823

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Appendix C
Historical Research Documents

- ADEC Situation Report

-City of Pelican Disaster Declaration

-Targeted Brownfields Site Assessment Questionnaire

-Ammonia Receiver Tank Site Glass Readings

-Pelican Seafoods Subdivision, Lot 1 Replat

- Pelican Seafoods Re-Subdivion, Tracts A and B

- Property Plan – Exhibit A, Pelican Power Plant Upgrade

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention and Emergency Response Program

SITUATION REPORT

INCIDENT NAME: Pelican Seafoods, Inc
Anhydrous Ammonia

SITREP #: 1

SPILL NUMBER: 09119923202

LEDGER CODE: Not Requested

TIME/DATE OF SPILL: 2:50 PM on August 25, 2009

TIME/DATE OF SITUATION REPORT: 1:00PM on August 27, 2009

TIME/DATE OF THE NEXT REPORT: As the situation warrants.

TYPE/AMOUNT OF PRODUCT SPILLED: This is an informational sitrep on the current situation at the Pelican Seafoods facility in Pelican, AK. There has been no release reported to the Department.

LOCATION: Pelican Seafoods, Inc. - Pelican, AK.

CAUSE OF SPILL: Beginning on August 16, 2009, heavy rains in Pelican caused severe flooding of the area. At approximately 2:30 AM on August 20, 2009, a 30 foot section of the water flume supplying water to both the City of Pelican and the Pelican Hydroelectric plant collapsed, damaging the main water supply line and leaving the town without a water supply. Water from the flume also provides cooling water to the Pelican Seafoods fish processing facility's refrigeration system. The hydroelectric plant was undergoing maintenance at the time of the incident and the town was already using the backup diesel generator.

POTENTIAL RESPONSIBLE PARTY (PRP): There is no responsible party.

RESPONSE ACTION: On August 20, 2009, the flume supplying water to Pelican failed. At the time of the flume collapse a construction project to upgrade Pelican's hydroelectric plant was underway. Part of the project included installation of a temporary water line to provide Pelican with drinking water. This line is now being used to supply all water to Pelican, including both the town and the Pelican Seafoods fish processing plant (fish plant).

The temporary waterline has insufficient capacity to provide both drinking water and cooling water to the fish plant at the same time. The water line is used to fill Pelican's water tank at night and during the day the water flow is diverted to the fish plant to cool the compressors in the refrigeration system. The refrigeration system uses anhydrous ammonia as a refrigerant. There is an estimated 20,000 to 30,000 pounds of anhydrous ammonia in the refrigeration system at the fish plant.

A further disruption to the water supply could prevent cooling water from being sent to the fish plant's compressors essentially shutting down the refrigeration system (system).

Without sufficient cooling water there is an increase of pressure in the system. Most modern systems can withstand these pressures. However, the system in the fish plant is quite old and the personnel taking care of the system have noted some minor leaks. A continued increase in pressure would add additional stress to the system piping.

The cooling coils and refrigerant lines for the system are located above the freezers. The wood structure, according to personnel on scene, is frozen. There is concern in the community that should the wood structure thaw, the roof of the fish plant could collapse and break the system piping, resulting in a catastrophic release of anhydrous ammonia.

Currently, the refrigeration unit at the fish plant is operating and holding a temperature of approximately 20 degrees F. The normal temperatures of the system are 5 to 10 degrees F according to personnel in Pelican.

The following actions were taken by ADEC:

A refrigeration company was consulted and informed ADEC the system should hold pressure if it loses power. The person providing this information was not aware of the system's age.

An expert in anhydrous ammonia safety was consulted by the department. He recommended removal of the refrigerant or a controlled release to the atmosphere be considered. This information was supplied to the Department of Military and Veterans Affairs (DMVA), Division of Homeland Security and Emergency Management (DHS&EM), who is currently working with the City of Pelican on a request for emergency assistance.

ADEC discussed emergency procedures with the Pelican Utility District. The City has an evacuation plan in the event of a catastrophic release of the refrigerant. The name of the safety expert consulted by ADEC was provided to Pelican officials.

SOURCE CONTROL: There is no reportable discharge at this time.

RESOURCES AFFECTED: There has been no major release of anhydrous ammonia at this time and no resources have been affected.

FUTURE PLANS AND RECOMMENDATIONS: ADEC will continue to provide information and assistance to the City of Pelican and the DHS&EM as requested, and respond to all requests for information from state and local agencies.

WEATHER: Rain. East winds 15 to 25 mph with gusts up to 50 mph. Winds switching to the southeast at 30 mph with gust up to 40 mph.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander:	Patricia Phillips (Mayor of Pelican)
F.O.S.C.:	N/A
S.O.S.C.:	Scot W. Tiernan, ADEC
Field S.O.S.C.:	None

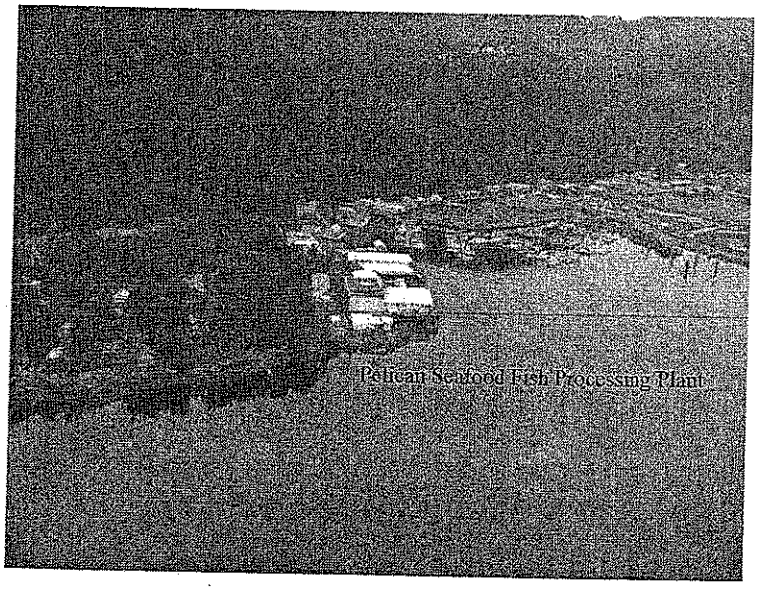
FOR ADDITIONAL INFORMATION CONTACT: Scot W. Tiernan, ADEC, 907-465-5378

AGENCY/STAKEHOLDER NOTIFICATION LIST

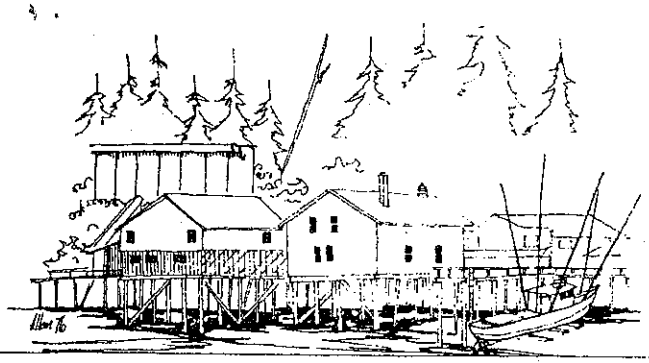
This sitrep has been distributed via email to the Governor's office, ADF&G, ADNR, SECC, USEPA, USDOI, NMFS, USFWS, and USFS in addition to the following.

Agency	Name	Sent Via	Additional Info	Telephone	Fax
Senate Dist. A	Senator Bert Stedman	E-mail	senator_bert_stedman@legis.state.ak.us	465-3873	465-3922
Senate Dist. C	Senator Al Kookesh	Fax	session	465-3473	465-2827
House Dist. 2	Representative Peggy Wilson	Fax	session	465-3824	465-3175
House Dist. 5	Representative Bill Thomas	Fax	session	465-3732	465-2652
USCG (Sector Juneau)	Lt. Latarsha McQueen	Email	Latarsha.s.mcqueen@uscg.mil	463-2835	463-2445
USCG (Sector Juneau)	Cdr. Matt Jones		Matt.n.jones@uscg.mil	463-2452	
USCG (Sector Juneau)	Cdr. Kurt Clarke		Kurt.a.clark@uscg.mil	463-2475	
USCG (Sector Juneau)	Capt. Melissa Bert	Email	Melissa.bert@uscg.mil	463-2836	
USDA Forest Service - Tongass Env. Engineer	Michele Marie Parker	Email	mmparker@fs.fed.us	772-5850	772-5896

USDA Forest Service - Hoonah Ranger District	District Ranger Rich Jennings	Email	rdjennings@fs.fed.us	945-1201	945-3385
NMFS	Jon Kurland	Email	Jon.kurland@noaa.gov	586-7638	586-7358
ADF&G	Jackie Timothy	Email	jackie.timothy@alaska.gov	465-4275	
Organized Village of Kake	President Henrich Kadake	Fax	keexkwaan@kakefirstnation.org	785-6471	785-4902
City of Kake	Mayor Henrich Kadake	E-mail	city.of.kake@gmail.com	785-3804	785-4815
City of Pelican	Mayor Patricia Phillips	Fax	cityhall@pelicancity.net	735-2202	735-2258
SEAPRO	Dave Owings	Email	dave@seapro.org	225-7002	247-1117
Kake Tribal Corporation	Paula Burgner			735-2296	
DEC - Village Safe Water	Philip Gagnon	Email	Philip.gagnon@alaska.gov	269-2681	
DMVA	Claude Denver	Email	Claude.denver@alaska.gov	428-7090	
DEC – Water Quality	Bill Griffith	Email	bill.griffith@alaska.gov	229-4695	
DEC – Water Quality	Greg Magee	Email	Greg.magee@alaska.gov	269-7613	


Pelican Seafood Fish Processing Plant

Location of Pelican in Southeast Alaska.



City of Pelican

BOX 737 - PELICAN, ALASKA 99832 - PHONE: 735-2202/2203 - FAX: 735-2258 - E-MAIL: cityhall@pelicancity.net - WEBSITE: www.pelicancity.net

LOCAL GOVERNMENT DISASTER DECLARATION
WITH REQUEST FOR STATE OF ALASKA ASSISTANCE

WHEREAS, commencing on August 16, 2009 the City of Pelican, Alaska experienced an extreme rainfall event, approximately ten inches of rainfall within forty-eight hours, that caused torrential flooding which weakened the water supply flume for the Pelican hydroelectric and drinking water supply system and at about 2:30 a.m. on August 20, 2009 thirty feet of the flume collapsed; and

WHEREAS, the City of Pelican is a political subdivision within the State of Alaska; and

WHEREAS, the following conditions exist as a result of the disaster emergency: The torrential rain conditions weakened the flume and trestle; a visual inspection of the flume during the severe flooding event revealed a deluge of water continually overflowing at the section of the flume that collapsed; excess debris entered the water intake at the dam and caused several breaks in the water distribution system and debris clogged water supply lines; the flume is shared infrastructure for three separate water rights, (1) the Pelican Utility District (PUD) hydroelectric facility and (2) the City of Pelican water utility which also supplies cooling water to the refrigeration system at the Pelican Seafoods fish processing facility and (3) processing water for fish processing; the water is supplied by the same reservoir and water conveyance system and operations require much of the same equipment; on August 12, 2009, FERC (Federal Energy Regulatory Commission) authorized the Alaska Energy Authority's reconstruction project designed to upgrade Pelican's hydroelectric infrastructure; a bypass line was equipped to provide drinking water to the community while a temporary coffer dam is installed to replace the water intake at the dam, the work on the intake is scheduled to begin soon; once the section of the flume collapsed, the City lost its source of water through existing conveyance systems; efforts to utilize the bypass line failed because the pumps at the reservoir could not sustain a siphon; thus the community was without drinking water for several days; numerous hours are being expended to restore water to the community; Pelican is without hydroelectric power and is running on the diesel power plant module; initially, the cooling water to Pelican Seafoods refrigeration system was shutdown to provide enough drinking water throughout most of the community, however, for the interim the refrigeration system is now operating; the bypass line is a temporary water supply until the hydro project shuts down in October 2009 and resumes in May 2010; with just the bypass line there is no back-up water source should the bypass line freeze; alternatives to provide water during winter conditions are being studied; the flume is scheduled to be vacated the fall of 2010 once the Pelican hydroelectric upgrades are complete; it is imperative to supply drinking water to the community and Pelican Seafoods, otherwise the refrigeration system will have to be shutdown which in turn will shutdown the ice machine that our local fishing fleet relies on; and

WHEREAS, the severity and magnitude of the emergency is beyond the timely and effective response capability of local resources; and there are insufficient regularly appropriated funds to cover these expenses; and

THEREFORE, be it resolved that the Mayor of the City of Pelican does declare a Disaster Emergency per AS 26.23.140 to exist in Pelican, Alaska.

FURTHERMORE, it is requested that the Governor of the State of Alaska declare a Disaster Emergency to exist as described in AS 26.23 and provide disaster assistance to the City of Pelican in its response and recovery from this event; and public disaster assistance for emergency protective measures, temporary and permanent repairs to the Pelican hydroelectric and drinking water supply system and water supply for the Pelican Seafoods refrigeration system, with technical assistance and funding to evaluate the damage and perform needed repairs to the Pelican Utility District electrical utility, the City of Pelican water utility, and Pelican Seafoods refrigeration system. Although the decision has yet to be made as to how to restore reliable community water needs through the winter, at least one initial cost has been identified; specifically a submersible pump with control panel, wiring and associated costs estimated to be $10,000 - $12,000;

FURTHER, the undersigned certifies that the City of Pelican has or will expend local resources in the amount of $5,000, as a result of this disaster for which no State or Federal reimbursement will be requested.

SIGNED this 26rd day of August, 2009.

Patricia Phillips

Patricia A. Phillips
Mayor
City of Pelican

TARGETED BROWNFIELDS SITE ASSESSMENT QUESTIONNAIRE

ORGANIZATION: City of Pelican
P.O. Box 737
Pelican, Alaska 99832

Patricia Phillips, Mayor
Phone: (907)735-2202
Fax: (907) 735-2258

SITE: Block 17, Lots 1 and 2, and Pelican Seafoods Subdivision Lots 1 and 4, USS 2819

CURRENT SITE OWNERSHIP: City of Pelican – Judgment of Foreclosure

SITE HISTORY: Pelican, Alaska is a remote coastal fishing community located on northwest Chichagof Island, on the eastern shore of Lisianski Inlet, near Cross Sound, in northern Southeast Alaska. Pelican was founded in 1938. Pelican Cold Storage facility was constructed between 1938 and 1941. Much of the timber for construction was locally harvested spruce and cedar, however, material was also barged in from Seattle and Juneau. The ammonia-based refrigeration system was installed in 1941 and by 1942 Pelican Cold Storage officially opened and began buying, processing, and freezing fish.

Kalle "Charlie" Raatikainen, along with his partner, Henry Roden incorporated the Pelican Cold Storage Company. In 1941, Norton Clapp provided additional financing for their enterprise. Norton Clapp was the primary owner until the mid-1980's when the facility was sold to the Japanese. In 1996, the Japanese sold Pelican Seafoods to Kake Tribal Corporation. In 2008, Kake Tribal sold the facility to Ed Barht and Associates, the facility was operated for six weeks then closed. The facility is considered abandoned property. In September 2010, a Judgment of Foreclosure transferred Pelican Seafoods properties to the City of Pelican.

The contaminated areas are in the freezers and pipeworks to the old ammonia system and mold growing in the vacated cold storage freezers.

REGULATORY HISTORY: On August 20, 2009 the Pelican flume collapse interrupted the community's water supply and power production. An imminent threat to the community was caused by an unreliable supply of water needed to cool the compressors used to operate the ammonia refrigeration system at Pelican Seafoods, threatening a potential ammonia spill. The water supply has been restored. However, the refrigeration compressors have been decommissioned and the ammonia evacuated to the receivers in the refrigeration/engine room.

The bait and fish products were removed from the freezers and discarded out the discharge grinder. The freezers are growing mold in the floors due to the excessive moisture caused by a leaking roof structure.

Scot Tiernan, 465-5378, SE AK Response Team, Div. of Spill Prevention and Response, ADEC

Redevelopment Potential: The Salmon Mitigation Fund will announce request for grant proposals – this program has identified funding ice machines in key communities in northern southeast Alaska– Pelican is one of the key communities. The City would like to replace or refurbish the ice machine, long known for its quality ice for chilling fish catch.

MUNICIPAL COMMITMENT: The City of Pelican has a strong interest in securing a viable and sustainable economy. The City is willing to commit municipal resources to meet this goal.

PRIOR SITE ASSESSMENT ACTIVITIES:
8-26-2009 Disaster Declaration
Freezer Decommissioning, by Tom Whitmarsh
8-27-2009 SITREP #1, Pelican Seafoods, Inc., Anhydrous Ammonia

SITE ASSESSMENT NEEDS:
Phase I: Conduct a preliminary site assessment to prepare a request to the EPA for a full site assessment. Request ADEC assistance to complete EPA applications. Prior to 12-31-2010.
Phase II: Full Assessment 3-15-10; when grant funds are available to complete full assessment.
The City of Pelican plans to apply for Salmon Mitigation grant funds to rebuild/replace the Pelican Seafoods Ice Machine. This includes removing old ammonia system and replacing it with new modern refrigeration system needed to make ice.

SITE CLEANUP: Need to find out extent of cleanup needed, then will look for funding for cleanup.

FOR PRIVATELY OWNED SITES: The lack of maintenance over the years has caused the facility to be a source of contamination. Each of the previous owners failed to complete sire cleanup and assessments.
The City is willing to provide in-kind services toward the project.

Pelican Seafoods
Ammonia Capacity
3/11/2010

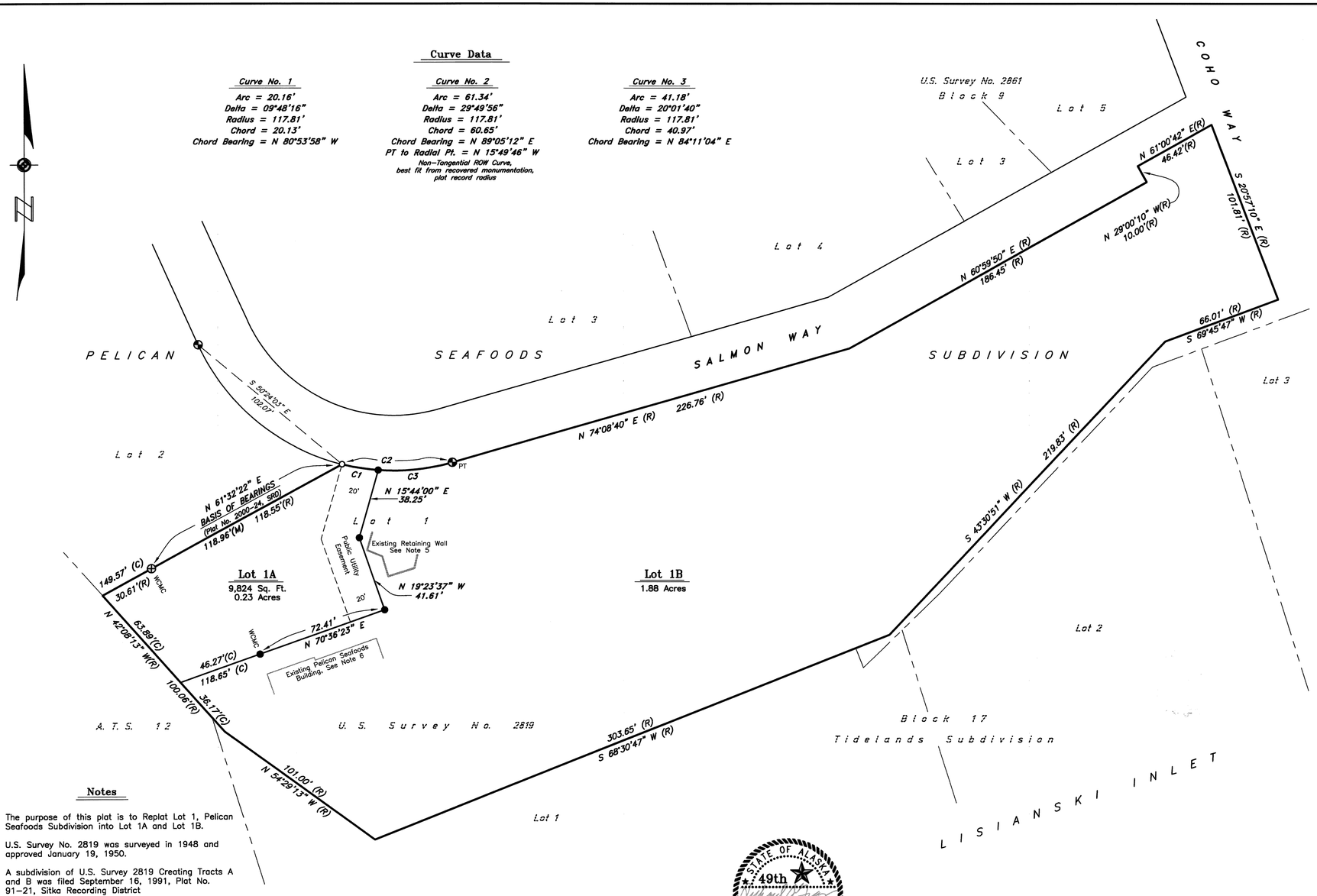
High Pressure Receiver						***Low Pressure Receiver***					
Sight Glass Chart						**Sight Glass Chart**					
1879 Gallons						**1879 Gallons**					
48" Diameter X 240" Long						**48" Diameter X 240" Long**					
Depth	**Volume**	Weight (lbs)	**Depth**	**Volume**	Weight (lbs)	**Depth**	**Volume**	Weight (lbs)	**Depth**	**Volume**	Weight (lbs
1	**10**	56.8	**25**	**990**	5623.2	**1**	**10**	56.8	**25**	**990**	5623.2
2	**27**	153.36	**26**	**1040**	5907.2	**2**	**27**	153.36	**26**	**1040**	5907.2
3	**49**	278.32	**27**	**1089**	6185.52	**3**	**49**	278.32	**27**	**1089**	6185.52
4	**75**	426	**28**	**1139**	6469.52	**4**	**75**	426	**28**	**1139**	6469.52
5	**104**	590.72	**29**	**1187**	6742.16	**5**	**104**	590.72	**29**	**1187**	6742.16
6	**136**	772.48	**30**	**1236**	7020.48	**6**	**136**	772.48	**30**	**1236**	7020.48
7	**170**	965.6	**31**	**1284**	7293.12	**7**	**170**	965.6	**31**	**1284**	7293.12
8	**206**	1170.08	**32**	**1331**	7560.08	**8**	**206**	1170.08	**32**	**1331**	7560.08
9	**244**	1385.92	**33**	**1378**	7827.04	**9**	**244**	1385.92	**33**	**1378**	7827.04
10	**284**	**1613.12**	**34**	**1424**	8088.32	**10**	**284**	1613.12	**34**	**1424**	8088.32
11	**325**	1846	**35**	**1469**	8343.92	**11**	**325**	1846	**35**	**1469**	8343.92
12	**368**	2090.24	**36**	**1512**	8588.16	**12**	**368**	2090.24	**36**	**1512**	8588.16
13	**411**	2334.48	**37**	**1555**	8832.4	**13**	**411**	2334.48	**37**	**1555**	8832.4
14	**456**	2590.08	**38**	**1596**	9065.28	**14**	**456**	2590.08	**38**	**1596**	9065.28
15	**502**	2851.36	**39**	**1636**	9292.48	**15**	**502**	2851.36	**39**	**1636**	9292.48
16	**549**	3118.32	**40**	**1674**	9508.32	**16**	**549**	3118.32	**40**	**1674**	9508.32
17	**596**	3385.28	**41**	**1710**	9712.8	**17**	**596**	3385.28	**41**	**1710**	9712.8
18	**644**	3657.92	**42**	**1744**	9905.92	**18**	**644**	3657.92	**42**	**1744**	9905.92
19	**692**	3930.56	**43**	**1776**	10087.68	**19**	**692**	3930.56	**43**	**1776**	10087.68
20	**741**	4208.88	**44**	**1805**	10252.4	**20**	**741**	4208.88	**44**	**1805**	10252.4
21	**791**	4492.88	**45**	**1831**	10400.08	**21**	**791**	4492.88	**45**	**1831**	10400.08
22	**840**	4771.2	**46**	**1853**	10525.04	**22**	**840**	4771.2	**46**	**1853**	10525.04
23	**890**	5055.2	**47**	**1870**	10621.6	**23**	**890**	5055.2	**47**	**1870**	10621.6
24	**940**	5339.2	**48**	**1880**	10678.4	**24**	**940**	5339.2	**48**	**1880**	10678.4

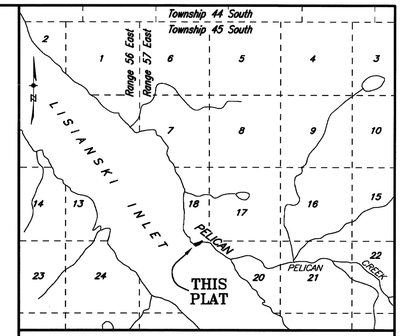
Levels have not repeatedly change since consolidation of Ammonia, NH_3, Receiver tanks.

Pelican Seafoods
Crab Plant
June 15, 2010

Ammonia Capacity

Crab Plant		
High Pressure Receiver		
Sight Glass Chart 146 Gallons 30" Diameter X 48" Long		
Depth	Volume	Weight (lbs)
1	2	11.72
2	4	23.44
3	8	46.88
4	12	70.32
5	16	93.76
6	21	123.06
7	26	152.36
8	31	181.66
9	37	216.82
10	43	251.98
11	49	287.14
12	55	322.30
13	61	357.46
14	67	392.62
15	73	427.78
16	80	468.80
17	86	503.96
18	92	539.12
19	98	574.28
20	104	609.44
21	110	644.60
22	115	673.90
23	121	709.06
24	126	738.36
25	131	767.66
26	135	791.10
27	139	814.54
28	143	837.98
29	145	849.70
30	147	861.42





Vicinity Map

USGS SITKA D-7 SCALE: 1 INCH = 1 MILE

Certificate of Ownership And Dedication

I hereby certify that I, representing Kake Tribal Corporation, hold the herein specified property interest in the property as described hereon. I hereby dedicate to the City of Pelican the area depicted for use as a public utility easement. I hereby agree to this plat, and to any restrictions or covenants appearing hereon, and any such restriction or covenant shall be binding and enforceable against present and successive owners of this subdivided property.

Harold P. Martin 6/15/07
Signature of Authorized Official Date

Harold P. Martin, President
Printed Name and Title of Authorized Official
Kake Tribal Corporation
P.O. Box 263, Kake, Alaska 99830

Notary's Acknowledgment

Subscribed and sworn to before me this 15 day of June, 2007, by Harold P Martin

Notary for the State of Alaska
My commission expires April 13 2011

BRANDON C. HUGHES NOTARY PUBLIC STATE OF ALASKA

Certificate of Payment of Taxes

I hereby certify that all current City of Pelican taxes and special assessments through TAX YEAR 2006 against said property, included in this resubdivision hereon, have been paid.

Kathy A. Dean
Pelican City Clerk

Graphic Scale

0 10 20 30 60 90 120

Notes

1) The purpose of this plat is to Replat Lot 1, Pelican Seafoods Subdivision into Lot 1A and Lot 1B.
2) U.S. Survey No. 2819 was surveyed in 1948 and approved January 19, 1950.
3) A subdivision of U.S. Survey 2819 Creating Tracts A and B was filed September 16, 1991, Plat No. 91-21, Sitka Recording District
4) Pelican Seafoods Subdivision, The Re-Subdivision of Tracts A & B USS 2819, was surveyed by Alaska Land Surveying Co. and filed on December 11, 2000 as Plat No. 2000-24, Sitka Recording District. All record (R) dimensional data for Lot 1 are according to this plat. The dimensions shown as calculated (C) were calculated based on the record dimensional data of Plat 2000-24. The area for Lot 1B shown hereon is based on the record area of Lot 1 less the surveyed area of Lot 1A.
5) The closest corner of the existing retaining wall shown east of Lot 1A is located 1.5 feet from the east line of Lot 1A.
6) The closest portion of the north face of the existing Pelican Seafoods Building shown hereon is 11.5 feet from the south line of Lot 1A.
7) No individual water supply system or sewage disposal system shall be permitted on any lot unless such system is located, constructed, and equipped in accordance with the requirements, standards, and recommendations of the State of Alaska which governs those systems.

Legend

- 2" Diameter Aluminum Cap, On No. 5 Rebar, 3943-S, Recovered This Survey
- ⊕ 2" Diameter Aluminum Cap, Set In Bedrock, 5713-S, Recovered This Survey
- o 1 1/4" Diameter Yellow Plastic Cap, On No. 5 Rebar, 5713-S, Recovered This Survey
- ● No. 5 by 30" Rebar With 2" Diameter Aluminum Cap, 5032-S, Set This Survey
- (R) Record Dimension, See Note 4
- (C) Calculated Dimension, See Note 4

LOT 1A 5032-S 2007

Typical Cap Of Secondary Monument Set This Survey

STATE OF ALASKA 49th RICHARD B. GRAY No. LS 5032 REGISTERED PROFESSIONAL LAND SURVEYOR

Surveyor's Certificate

I, Richard B. Gray, certify that I am a registered land surveyor in the State of Alaska, that this plat is a true and correct representation of lands surveyed by me or under my direct supervision, that the distances and bearings are shown correctly and the error of closure for field traverses does not exceed one part in 5,000, and that all permanent control monuments have been set and staked.

Date 6-13-07 Registration No. 5032-S

Richard B. Gray, Registered Land Surveyor

Certificate of Acceptance

The City of Pelican hereby accepts for public uses and for public purposes the real property dedicated on this plat including, but not limited to the easements, rights-of-way, alleys, roadways, thoroughfares and parks shown hereon.

Dated at Pelican, Alaska this 20th day of June, 2007

Planning Commission Chairman

ATTEST: Kathy A. Dean
Pelican, Municipal Clerk

2007-16
Sitka REC DIST 20
DATE 7-2 2007
TIME 9:01 A.M.
Requested By: AK Energy
Address

SITKA RECORDING DISTRICT

DATE OF SURVEY:	NAME OF SURVEYOR:
Beginning April 26, 2007 Ending April 28, 2007	Manley Land Surveyors, Inc. P.O. Box 69 Manley Hot Springs, Alaska 99756 (907) 672-3632

A Plat of

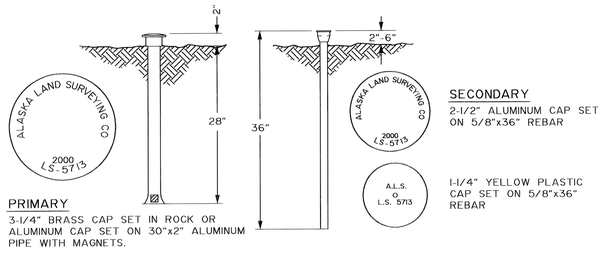
REPLAT OF LOT 1 PELICAN SEAFOODS SUBDIVISION

Creating Lot 1A and Lot 1B

The Subdivision of Lot 1
Pelican Seafoods Subdivision
Plat No. 2000-24, Sitka Recording District
Within U.S. Survey No. 2819, Alaska
Situated Within: Township 45 South,
Range 57 East, Copper River Meridian, Alaska
Containing 2.11 Acres
Located Within: Pelican, Alaska
Owned By: Kake Tribal Corporation
P.O. Box 263, Pelican, Alaska 99830

DRAWN BY:	CHECKED:	SCALE:	SHEET NO.:
erng	RBG	AS SHOWN	1 OF 1
DATE: June 11, 2007			

TYPICAL MONUMENTS & MONUMENT SETTINGS



PRIMARY
3-1/4" BRASS CAP SET IN ROCK OR ALUMINUM CAP SET ON 30"x2" ALUMINUM PIPE WITH MAGNETS.

SECONDARY
2-1/2" ALUMINUM CAP SET ON 5/8"x36" REBAR

1-1/4" YELLOW PLASTIC CAP SET ON 5/8"x36" REBAR

OWNERSHIP CERTIFICATE

I HEREBY CERTIFY THAT I, REPRESENTING PELICAN SEAFOODS, A DIVISION OF KAKE TRIBAL CORP., HOLD THE HEREIN SPECIFIED PROPERTY INTEREST IN THE PROPERTY DESCRIBED HEREON. I HEREBY DEDICATE TO THE CITY OF PELICAN ALL AREAS DEPICTED FOR USE AS PUBLIC UTILITY EASEMENTS, STREETS ALLEYS THOROUGHFARES, PARKS, AND OTHER PUBLIC AREAS SHOWN HEREON. I HEREBY AGREE TO THIS PLAT, AND TO ANY RESTRICTIONS OF COVENANTS APPEARING HEREON, AND ANY SUCH RESTRICTION OR COVENANT SHALL BE BINDING AND ENFORCEABLE AGAINST PRESENT AND SUCCESSIVE OWNERS OF THIS SUBDIVIDED PROPERTY.

DATE 11/29/00

OWNER'S SIGNATURE: Karen McDonell for Glen W Woods
SIGNER'S NAME: GLENN WOODS

OWNER'S ADDRESS: PELICAN SEAFOODS
DIVISION OF KAKE TRIBAL CORP.
P.O. BOX 110
PELICAN, ALASKA 99832

NOTARY ACKNOWLEDGMENT

STATE OF ALASKA

THIS IS TO CERTIFY THAT ON THIS 8TH DAY OF NOVEMBER, 2000, BEFORE ME THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR THE STATE OF ALASKA, DULY COMMISSIONED AND SWORN PERSONALLY APPEARED:

KAREN M. SMITH

KNOWN TO BE THE PERSON(S) DESCRIBED IN AND WHO EXECUTED THE ABOVE AND FOREGOING INSTRUMENT, AND SEALED THE SAME FREELY AND VOLUNTARILY FOR THE USES AND PURPOSES THEREIN MENTIONED.

WITNESS MY HAND AND OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

Betty J. McClain
NOTARY PUBLIC FOR THE STATE OF ALASKA

MY COMMISSION EXPIRES: 08-29-01

CERTIFICATE OF APPROVAL

THE CITY OF PELICAN HEREBY ACCEPTS FOR PUBLIC USES AND FOR PUBLIC PURPOSES THE REAL PROPERTY DEDICATED ON THIS PLAT INCLUDING, BUT NOT LIMITED TO THE EASEMENTS, RIGHT-OF-WAY, ALLEYS, ROADWAYS, THOROUGHFARES AND PARKS SHOWN HEREON.

DATED AT PELICAN, ALASKA THIS 11/29 DAY OF 2000.

Kathrid Wasserman
PLANNING COMMISSION CHAIRMAN

ATTEST: Betty J. McClain
MUNICIPAL CLERK

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF LANDS SURVEYED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE DISTANCES AND BEARINGS ARE SHOWN CORRECTLY AND THE ERROR OF CLOSURE FOR FIELD TRAVERSES DOES NOT EXCEED ONE PART IN 5,000; AND THAT ALL PERMANENT MONUMENTS HAVE BEEN SET AND STAKED.

DATE: 24 Nov. 2000

Thomas M. Kirchner
THOMAS M. KIRCHNER, U.S. No. 5713

STATE OF ALASKA 49TH — Thomas M. Kirchner LS-5713 — REGISTERED PROFESSIONAL LAND SURVEYOR

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

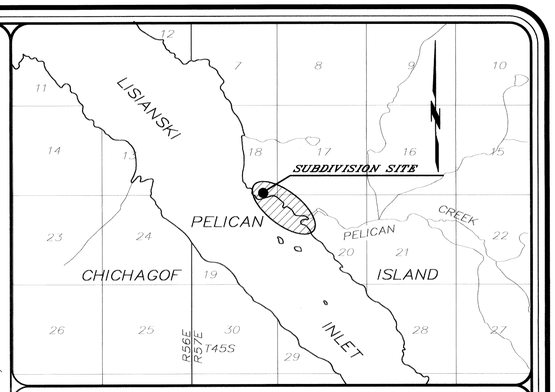
LEGEND

NOTE: SOME ITEMS SHOWN MAY HAVE NOT BEEN USED ON PLAT. THIS IS A STANDARD A.L.S. LEGEND.

- B.L.M. OR G.L.O. MONUMENT SET IN BEDROCK – RECOVERED THIS SURVEY
- B.L.M. OR G.L.O. MONUMENT NOT RECOVERED THIS SURVEY
- B.L.M. OR G.L.O. PIPE MONUMENT RECOVERED THIS SURVEY
- PRIMARY MONUMENT SET THIS SURVEY
- PRIMARY MONUMENT RECOVERED THIS SURVEY (PIPE OR DISC.)
- 4"X4" WOOD POST
- SECONDARY MONUMENT WITH ALUMINUM CAP SET THIS SURVEY
- SECONDARY MONUMENT WITH YELLOW PLASTIC CAP SET THIS SURVEY
- SECONDARY MONUMENT SET BY OTHERS AND RECOVERED THIS SURVEY

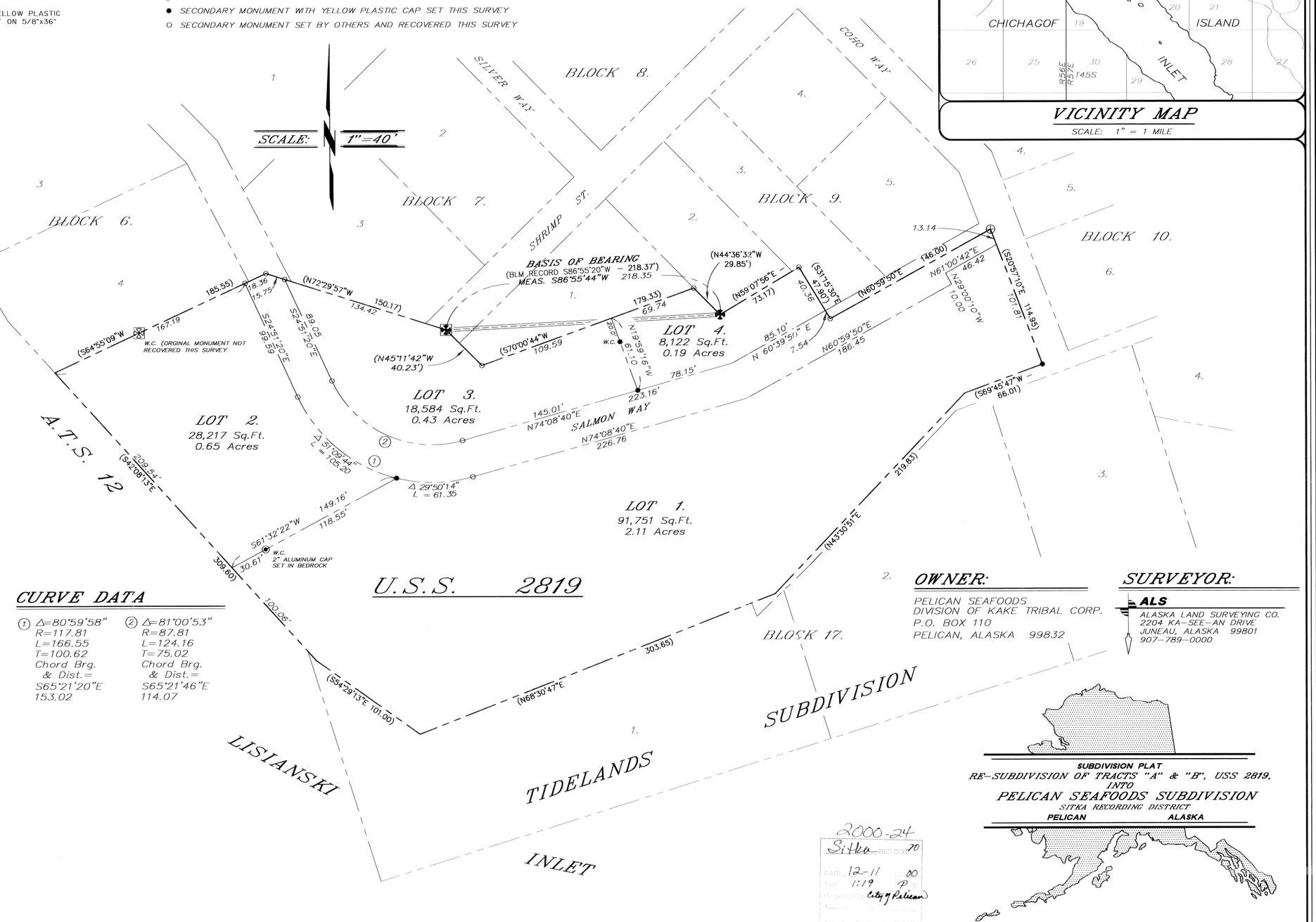
NOTES

1. ALL PLAT BEARINGS SHOWN ARE TRUE BEARINGS AS ORIENTED TO THE BASIS OF BEARINGS.
2. ALL DISTANCES SHOWN ARE REDUCED TO HORIZONTAL. RECORD BEARING AND DISTANCES ARE SHOWN ENCLOSED IN PARENTHESIS.
3. RECORDED BEARING AND DISTANCE ARE SHOWN IN ENCLOSED IN PARENTHESIS. WHILE, MEASURED, OR CALCULATED, BEARINGS AND/OR DISTANCES ARE SHOWN WITHOUT PARENTHESIS.
4. THIS PLAT IS A RE-SUBDIVISION OF RECORDED PLAT NO. 91-21, SITKA, RECORDING DISTRICT, TITLED " A SUBDIVISION OF U.S. SURVEY 2819, CREATING TRACTS "A" AND "B".
5. THE TOTAL AREA OF SUBDIVISION IS 3.82 ACRES, 166,210 SQ. FT.



VICINITY MAP

SCALE: 1" = 1 MILE



CURVE DATA

①	②
Δ=80°59'58"	Δ=81°00'53"
R=117.81	R=87.81
L=166.55	L=124.16
T=100.62	T=75.02
Chord Brg. & Dist.=	Chord Brg. & Dist.=
S65°21'20"E 153.02	S65°21'46"E 114.07

OWNER:
PELICAN SEAFOODS
DIVISION OF KAKE TRIBAL CORP.
P.O. BOX 110
PELICAN, ALASKA 99832

SURVEYOR:
ALS
ALASKA LAND SURVEYING CO.
2204 KA-SEE-AN DRIVE
JUNEAU, ALASKA 99801
907-789-0000

SUBDIVISION PLAT
RE-SUBDIVISION OF TRACTS "A" & "B", USS 2819, INTO
PELICAN SEAFOODS SUBDIVISION
SITKA RECORDING DISTRICT
PELICAN ALASKA

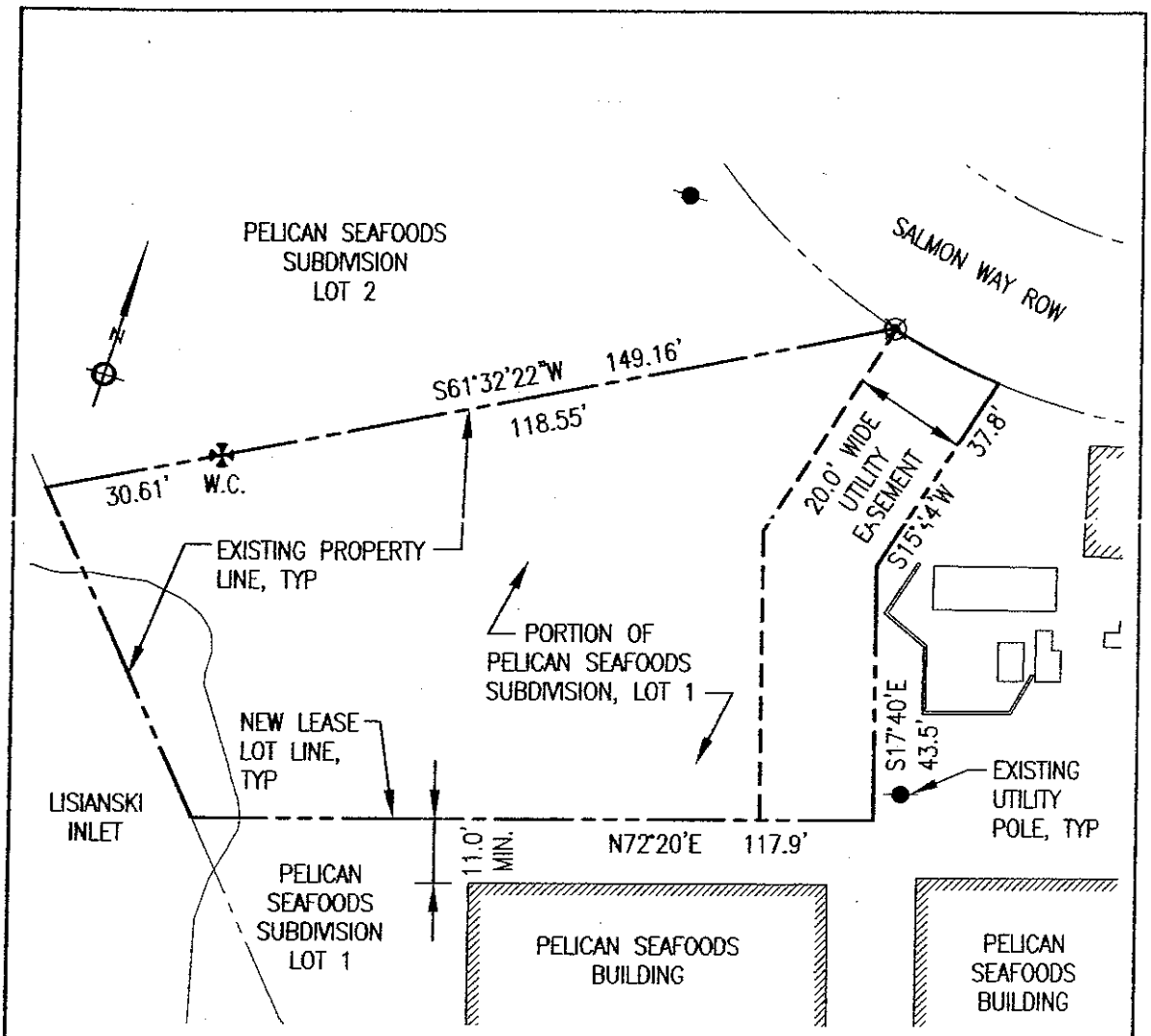
2000-24
Sitka REC DIST 70
DATE 12-11 00
TIME 1:19 P
By City of Pelican

COMP. FILE:

DATE: 24 AUGUST 2000 FILE NO.: 9680.01 / 458 Pelican Seafoods

ALASKA LAND SURVEYING CO.

C:\ALS-PROJ_FILES\00-PELICAN\458-Pelican Seafoods\9680001\dwg\PELICAN SEAFOODS SUB PLAT.dwg 11/24/2000 2:04:54 PM AST



✠ SURVEY MONUMENT RECOVERED THIS PROJECT

⊗ EXISTING PROPERTY CORNER RECOVERED THIS PROJECT

NOTE: THE PROPERTY LINES ARE SUBJECT TO REDESCRIPTION UPON SURVEY NECESSARY TO REFLECT AS BUILT ALIGNMENTS OF IMPROVEMENTS.

GRAPHIC SCALE

15 0 7.5 15 30 60

(IN FEET)

PROJECT: **PELICAN POWER PLANT UPGRADE**				
TITLE: **PROPERTY PLAN – EXHIBIT A**				
DRAWN BY: TDK	SCALE: 1"=30'	FILE NAME: PELI-PROPPLAN	SHEET: SH1	OF: 1
DESIGNED BY: BCG	DATE: 1/03/07			

State of Alaska
Department of Community and Economic Development
AIDEA/AEA
Rural Energy Group
813 West Northern Lights Blvd.
Anchorage, Alaska 99503

ALASKA ENERGY AUTHORITY

Appendix D
Site Photographs

Photo 1. Paint locker located on north side of crab plant building.

Photo 2. Flammable materials cabinet located on northeast side of engine room building.

Photo 3. Batteries located on exterior east side of engine room building.

Photo 4. One of several banks of mercury switches for the ammonia refrigeration system in engine room building.

Photo 5. Potential ACM pipe insulation located on yellow pipe in photograph. Pipe is located inside crab plant building.

Photo 6. Blistering and peeling paint located inside engine room building.

Photo 7. Refrigeration system receiver tank inside engine room building.

Photo 8. Refrigeration system receiver tank
located inside crab plant building.

Photo 9. Empty 55-gallon drums staged between the engine room building and freezer facility.

Photo 10. New and used, and empty and full oil containers at east entrance of engine room building. Oily liquids are present on welded steel floor matting.

Photo 11. Open containers of used ammonia compressor oils inside engine room building.

Photo 12. Used oil consolidation area and open containers of used oils located inside the engine room building.

Photo 13. Used oil containers located adjacent to the waste oil consolidation area inside the engine room building.

Photo 14. Unknown AST located on the north side of the boardwalk located adjacent to the crab plant building.

Photo 15. Heating oil AST located on the north side of the crab plant building.

Photo 16. Heating oil AST located between the U.S. Post Office and the store.

Photo 17. Generator day tank (fuel) located inside the engine room building.

Photo 18. Power module. One of two (west most) power module 6,000 gallon ASTs, and smaller non-compliant (unplumbed) single wall AST on right side of photo.

Photo 19. Company housing exterior heating oil ASTs.

Photo 20. Easternmost company house (condemned) AST with missing pipe segment, stain, and stressed vegetation.

Photo 21. Heating oil AST located at southwest side of old bunkhouse.

Photo 22. Heating oil AST located in the north side of the old bunkhouse building.

Photo 23. PCB bearing transformers located on the west exterior wall of the engine room building.

Photo 24. Discolored (stained) dirt over concrete foundation adjacent to PCB bearing transformers located on the exterior of the engine room building.

Photo 25. Open pipes protruding from west foundation wall of engine room building.

Photo 26. Discharge pipe protruding westward from engine room building. Smaller diameter pipe was reportedly used to drain oil from the ammonia compressors.

Photo 27. Unknown pipe (reportedly capped) located on the north side of boardwalk on the north side of the crab plant building.

Photo 28. Floor drain located inside the engine room building. The drain is located below an ammonia compressor. Source of pipes directed towards the drain was not determined.