Alaska Department of Environmental Conservation

Reuse & Redevelopment Initiative

Brownfield Assessment

Property Assessment and Cleanup Plan

Spenard Road Development Area

Anchorage, Alaska

Submitted to:
Department of Environmental Conservation
Reuse and Redevelopment Program

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EXECUTIVE SUMMARY

This Property Assessment and Cleanup Plan (PACP) was prepared for a portion of the Spenard Road Development Area (SRDA) in Anchorage, Alaska, by Shannon & Wilson, Inc. under contract to the Alaska Department of Environmental Conservation (DEC). The SRDA is in the Anchorage midtown area, the city's largest employment center. The age and condition of both residential and commercial structures in the area, along with its prime location, make it an ideal location for potential redevelopment. However, the appearance of blighted and deteriorated properties, the poor condition of the urban infrastructure, and the presence of both known and potentially contaminated properties challenge the feasibility of redevelopment.

The purpose of this PACP is to assist the DEC and other development stakeholders in assessing the potential impact of environmental concerns on re-use and redevelopment (R&R) of a portion of the SRDA, as defined by Cook Inlet Housing Authority (CIHA). CIHA has a significant development interest in the area, and has begun to purchase and aggregate parcels in the vicinity of 36th Avenue and Spenard Road. CIHA's plans to provide mixed-use and residential development in the Spenard midtown area will help address the city's housing shortage, and also serve as a catalyst for other private investment. The PACP will be used to support this effort by identifying known and suspected environmental concerns that may impact R&R effort through financial, schedule, or administrative considerations. In addition, the PACP may be used to establish the basis for securing financial development incentives. For example, some properties may be eligible for federal or state Brownfields grant funding to assessment and remediate impacted sites. Other properties may qualify for tax relief if designated as "deteriorated" under the Anchorage Municipal Code.

The PACP effort consisted of compiling information to document current and historical uses and activities within the project area and adjacent parcels. Sources reviewed included historical aerial photographs, Polk City Directories, federal and state databases, public utility records, and interviews with CIHA representatives. A limited site reconnaissance was also conducted to confirm general land uses and to obtain additional information about potential environmental concerns.

The results from our initial research tasks were used to identify general environmental concerns within the project area. The primary concerns include:

- underground storage tanks (USTs) or aboveground storage tanks (ASTs) formerly used to store heating oil;
- structures containing asbestos-containing material (ACM);
- current and former trailer courts;

- DEC-listed contaminated sites (including leaking underground storage tank [LUST] sites); and
- land uses that are frequently associated with environmental contamination (e.g., dry cleaning facilities, gasoline filling stations, maintenance shops, vehicle storage and salvage yards, etc.).

Based on findings from the initial effort and conversations with CIHA at several junctures throughout the project, specific areas were selected for more in-depth analysis. These areas include eight parcels of interest identified by CIHA, trailer courts, the corridors along Spenard Road and 36th Avenue, and the residential area south of 36th Avenue between Spenard Road and Arctic Boulevard which CIHA has targeted for redevelopment. At least one of these parcels is a listed DEC contaminated site (3607 Spenard Road), another is impacted due to the migration of contamination offsite (3604 Spenard Road), and additional properties are slated for demolition in the summer of 2014.

The data obtained for this project are discussed in the report text and presented in a series of figures and tables. Dedicated figures are used to show locations of properties that potentially contain private drinking water or septic systems (Figure 3), ACM in the building structures (Figures 5a and 5b), and former or current heating oil tanks (Figures 6a and 6b). General land uses within the SRDA are depicted in Figure 2, with indicators used to identify individual parcels that have been used for activities frequently associated with environmental contamination. Properties with known contamination, as reflected in the DEC databases, along with specific parcels of interest identified by CIHA are shown on Figure 4. A summary of our findings with respect to individual parcels that are characterized by known or suspected environmental contamination is provided in Table 5.

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1.0 INTRODUCTION

This Property Assessment and Cleanup Plan (PACP) was prepared by Shannon & Wilson, Inc. (Shannon & Wilson) for the Spenard Road Development Area (SRDA) in Anchorage, Alaska. Cook Inlet Housing Authority (CIHA) was awarded an Alaska Department of Environmental Conservation (DEC) Brownfield Assessment (DBA) in 2013 for assessment of the project area. Figure 1 provides an overview of the project area. The DBA request is provided in Appendix A.

1.1 Purpose and Objectives

The purpose of this PACP project is to assist the DEC and other development stakeholders in assessing the potential impact of environmental concerns within the re-use and redevelopment (R&R) within a portion of the SRDA, as defined by CIHA. The mixed-use nature of the area, coupled with the aging structures on many parcels, present both unique R&R opportunities as well as a variety of potential challenges from known and/or unknown environmental impacts. The SDRA contains some of the most significant residential land in the midtown area, Anchorage's largest employment center. When considering that the Spenard area to the north of Benson Boulevard (outside of the study area) is emerging as an entertainment destination with theaters, restaurants, shops, and farmer's market, the area to the south is primed to be redeveloped over the next 5 to 20 years. In particular, CIHA's plans to provide mixed-use and residential development in the Spenard midtown area will help address the city's housing shortage, and also serve as a catalyst for other private investment. However, the feasibility of individual projects will depend on the extent of environmental remediation, infrastructure improvements, and/or other needs.

This PACP is intended to provide an initial, broad-based overview of environmental concerns that may impact R&R effort through financial, schedule, or administrative considerations. In general, the data was collected to assist private developers and agencies in evaluating both development challenges and opportunities in the area. In the absence of significant and coordinated intervention by public and private entities, it is likely that areas like SRDA will lack the financial resources and non-financial support needed to achieve R&R objectives. In this context, the information collected can be used for multiple applications, including the following.

Contaminant Mitigation. Assessing where and how to best allocate limited resources to conduct additional site characterization and/or remedial action.

Brownfields Grant Opportunities. Brownfields are real property for which real or perceived environmental hindrances limit development opportunities. State and federal grants may be available for individual or area-wide projects to assess and remediate impacted sites in context of R&R programs.

Deteriorated Property Designations. Anchorage Municipal Code allows for areas to be designated as "deteriorated;" such designation can lead to the ability to apply for tax abatement for a period of up to 10 years in an effort to overcome significant financial barriers to redevelopment. The tax abatement serves as the municipal investment in a redevelopment initiative which over time can lead to higher property assessment values and increased tax revenues.

1.2 Scope of Services

This PACP was prepared for the DEC, with CIHA acting as a stakeholder and primary user of the document based on their interest in potentially redeveloping the area. The work was performed for the DEC Division of Spill Prevention and Response under Term Contract 18-8036-03. The scope of work was based on the DEC's July 5, 2013 request for proposal and performed in material accordance with Shannon & Wilson's July 19, 2013 proposal. Initial authorization to proceed with the PACP effort was provided by the DEC in the form of Notice to Proceed (NTP) 18-8036-03-004, dated July 19, 2013.

The PACP scope consisted of compiling information to document current and historical uses and activities within the SRDA. The research included historical aerial photograph and city directory review, federal and state database searches, review of public utility services, and interviews with CIHA. A limited site reconnaissance was conducted to confirm general land uses and to obtain additional information about potential environmental concerns. Note that the PACP is intended to be an overview of the environmental concerns that may impact R&R and is not a substitute for in-depth analysis (e.g. ASTM Phase I Environmental Site Assessment for individual parcels).

The research component of the PACP was conducted in a two-phase effort. The results from our initial research tasks (e.g., area-wide aerial photograph review, drive-by visual site reconnaissance, and federal and state database searches) were used to identify potential environmental concerns within the project area. The primary concerns include potential underground storage tanks (USTs) or aboveground storage tanks (ASTs) formerly used to store

heating oil, structures potentially containing asbestos-containing materials (ACMs), current and/or former trailer courts, DEC-listed contaminated sites (including leaking underground storage tank [LUST] sites), and land uses that are typically associated with environmental contamination (e.g. dry cleaning facilities, gasoline filling stations, maintenance repair shops, vehicle storage and salvage yards, etc.).

Based on findings from the initial effort and conversations with CIHA at several junctures throughout the project, specific areas were selected for more in-depth analysis. In particular, eight parcels of interest identified by CIHA, trailer courts, the corridors along Spenard Road and 36th Avenue, and the residential area south of 36th Avenue between Spenard Road and Arctic Boulevard which CIHA has targeted for redevelopment. The focused analysis consisted of focused aerial photograph review and site reconnaissance, a review of Polk City directory data, and a review of utility availability and overall infrastructure.

Note that at the DEC's direction, the following components of a typical PACP were not included in this assessment: interviews and input from project area stakeholders, a review of known or potential source areas, recommended remedial actions, general remediation strategies or alternatives, and general cost estimating for remedial action.

2.0 COMMUNITY OVERVIEW

Spenard is one of Anchorage's oldest neighborhoods and was established in the 1910s. Spenard was historically separate from the city of Anchorage until 1975 when it was incorporated as part of the municipality. The Spenard neighborhood is currently zoned for commercial, single- and multi-family residential and public land use. Figure 2 provides a property use overview of the SRDA study area. Supporting documents are included in Appendix C.

2.1 Location and Climate

The project area is located in west Anchorage and encompasses the portion of Spenard neighborhood bounded by Benson Boulevard to the north, Arctic Boulevard and Eide Street to the east, Tudor Road to the south, and Minnesota Drive to the west. The SRDA is located in located in the east ½ of Section 25 and the northwest ¼ of Section 30, Township 13 North, Range 4 West, Seward Meridian, Alaska, as referenced by the United States Geological Society (USGS) Anchorage A-8 NW quadrangle.

The climate of Anchorage is dominated by a strong marine influence. Average annual precipitation is 15.9 inches and average annual snowfall is 69 inches. According to the Alaska Community Database (ACD) records, average daily temperatures during summer months range from around 51 ºF to 65 ºF and winter temperatures average between 8 ºF to 21 ºF.

2.2 Community Demographics

The 2010 United States Census reports that the Spenard neighborhood has a population of 11,691 people. Based on various census data, the medium income in Spenard ($62,414) is roughly eighteen percent lower than the Anchorage median income ($76,495). According to the Municipality of Anchorage (MOA) planning department on-line web page, Spenard has the highest percentage of young adult residents (age 20 to 29 years) in west Anchorage. Furthermore, within the West Anchorage Planning Area, the Spenard neighborhood has the highest concentration of renters and has the highest vacancy rate. A 2007 study by the MOA states that the some of the highest housing densities in the municipality are located between Spenard Road and Northern Lights Boulevard. Based on 2010 data, the MOA states that 92 percent of housing units in Spenard are occupied.

2.3 Community Resources and Infrastructure

2.3.1 Water and Sewer

The Municipality of Anchorage (MOA) Water and Wastewater Utility provides drinking water and wastewater disposal services to the majority of the SRDA. According to AWWU records, water and wastewater services were generally available to residential and commercial parcels within the SRDA starting in the early 1960s. Based on the AWWU connection data, multiple structures within the project area predate the availability of municipal sewer and water services and/or elect to not be connected to municipal services. Private septic systems could pose environmental risk is chemicals are disposed through the buildings sinks and/or toilets. Moreover, the use of private drinking water wells potentially increases the risk posed by the potential environmental contaminant sources. Figure 3 provides an overview of parcels not connected to municipal sewer and/or water services.

2.3.2 Energy Supply

Electrical service to the Spenard neighborhood is provided by Chugach Electric and natural gas service is provided by ENSTAR Natural Gas Company. According to ENSTAR natural gas records, natural gas services were available to the majority of the SRDA in the 1960s.

Prior to that, heating oil was likely used and presumably stored in aboveground and/or underground storage tanks. Based on our experience with trailer courts that predate natural gas availability, the sites typically used either individual heating oil tanks (above or below ground) and/or a central heating oil source with underground distribution lines to individual trailers.

2.3.3 Solid Waste

According to the ADEC's Solid Waste Management Disposal Site List and site reconnaissance observations, there are no known current or former solid waste disposal facilities in the SRDA. Most commercial and residential parcels appear to be serviced by curb-side pick-up. While garbage receptacles were observed in the trailer courts, it appears as though they are not fully utilized, as piles of discarded items were observed throughout the trailer courts.

2.4 Community Involvement

This section discusses stakeholder interests in community redevelopment of the SRDA.

2.4.1 Stakeholder Meeting Summary

A stakeholder meeting was held on September 12, 2013 at CIHA's Spenard Road office. The purpose of the stakeholder meeting was to review the project objectives, share information and resources, and obtain input from CIHA on specific parcels of interest. CIHA was represented by Jeff Judd, CIHA Executive Vice President of Real Estate, and Tyler Robinson, CIHA Senior Manager, Development Finance. Shannon & Wilson was represented by Matt Hemry, project manager, and Jennifer Simmons, lead technical review staff.

Topics discussed included objectives of DECs R&R program as it applies to this project, and CIHA's intended data uses. Based on the DBA request and information gathered from the stakeholders meeting, we understand the following eight sites were identified as parcels of current interest by CIHA for R&R:

- 3510 Spenard Road: CIHA Main Office (Parcel No. 1);
- 1501 West 36th Avenue: CIHA Annex Building (Parcel No. 2);
- 3502 Spenard Road: Church purchased by CIHA for development (Parcel No. 3);
- 3400 Spenard Road: Office structure that is currently for sale and is likely to be renovated (Parcel No. 4);
- 3604 Spenard Road: Former gentlemen's club purchased by CIHA for redevelopment (Parcel No. 5);

- Wilshire Properties (1204, 1206, 1208 Wilshire Avenue): Residential structures purchased or targeted by CIHA for redevelopment (Parcel No 6);
- 3607 and 3609 Spenard Road: Former fuel service station purchased by CIHA for redevelopment (Parcel No 7); and
- Kathy O's Trailer Court (909 Chugach Way) and L & L Trailer Court (1003 Chugach Way) (jointly noted as Parcel No. 8). Note the current owner of the trailer courts intends to redevelop these parcels.

These specific sites are in the immediate vicinity of CIHA's current development efforts, with additional target properties along Chugach Way. In addition to the listed sites, we understand CIHA intends to focus redevelopment efforts along the Spenard Road and 36th Avenue corridors, the residential area south of 36th Avenue between Spenard Road and Arctic Boulevard, and specific parcels along Chugach Way. The existence of contaminated properties, substandard structures, and failing and inadequate infrastructure likely qualifies the area as deteriorated and makes it eligible for tax abatement.

Note that specific parcels of interest identified by CIHA, individual properties with known contamination, as reflected in the DEC databases, and parcels identified as having current or former land use practices that constitute potential environmental risk are shown on Figure 4 as Parcel Nos. 1 through 32, and summarized in Tables 1 through 5.

2.4.2 Proposed Community Development and Land Reuse

CIHA intends to focus their initial efforts on a proposed $26 million redevelopment effort for mixed use retail and affordable housing on several parcels located near the intersection of Spenard Road and Chugach Way.

2.4.3 Interviews and Input

CIHA representatives were interviewed during the September 12, 2013 stakeholder meeting, at the February 18, 2014 pre-draft document review meeting, and at several other junctures throughout the project. Note that additional stakeholder and/or community interviews were omitted from the scope based on the project objectives and the DEC's request. According to CIHA, the proposed redevelopment is a combination of mixed-use commercial retail and residential development along Spenard Road with additional density residential development along 36th Avenue, Wilshire Avenue, and Chugach Way. In all 50 to 60 residential units are likely in a first phase, with more units as a part of a broader revitalization strategy. The area is zoned as commercial along the main corridors and medium to high density residential along the

internal streets. This zoning can support the type of residential development identified by the Municipality of Anchorage as being most needed to support the growing employment center.

CIHA discussed trailer courts as a recent target for R&R throughout Anchorage. As shown on Figure 2, multiple trailer courts are present in the SRDA. The trailer court located at Arctic Boulevard and 36th Avenue is owned by a private developer that has recently developed a mixed-use development in west Anchorage. There are several other trailer courts in the broader study area which consist mostly of pre-1976 trailers and aging infrastructure. While trailer courts are often targeted for R&R, there are unique challenges associated with repurposing the land, including relocating displaced residents, petitioning for zoning changes, and presence of environmental contamination associated with heating oil storage and distribution.

3.0 PROJECT AREA OVERVIEW

The SRDA is located in west Anchorage and is bounded by Benson Boulevard to the north, Arctic Boulevard to the east, Tudor Road to the south, and Minnesota Drive to the west. The area is characterized by a wide range of land use zones including industrial, commercial, and residential. The mixed-use nature of the SRDA coupled with general, area-wide vintage construction (over 40 years old) present redevelopment and revitalization opportunities, most notably along the area's major thoroughfares.

3.1 Subsurface Conditions

Information used in this discussion of soils and geology was provided by the Alaska Geological Society. Concurrent with the uplift of the Chugach Mountains, several glaciations occurred at the Upper Cook Inlet. During the Naptowne Glaciation, ice fronts completely surrounded the Anchorage area creating a lacustrine environment. As a result, the silts and clays of the Bootlegger Cove Formation were accumulated. These relatively impermeable sediments were deposited over, and interfingered with, the alluvial fan deposits derived from the Chugach Mountains. As a result of this sequence of events, the highly permeable water-bearing sands and gravels of the alluvial fans are confined below the fine-grained Bootlegger sediments, as well as separated internally into distinct water-bearing zones.

As the glaciers retreated, uplift of the Chugach Mountains continued and the Bootlegger Cove Formation was buried beneath more recent alluvial fan, stream deposits, and glaciodeltaic deposits. These fan and glacial deposits are common to this part of Anchorage and are probably the dominant soils at the site. Bedrock in the Anchorage area consists of tertiary clastic sediments of the Kenai Group overlying Mesozoic rocks of the McHugh Complex. The depth to

bedrock ranges from several hundred to over one thousand feet. The bedrock is very seldom encountered in deep boreholes in the Anchorage Bowl area except near the south boundary of the city.

Based on previous site investigations within and near the SRDA, groundwater is typically encountered between 8.5 and 13 feet below ground surface (bgs). The direction of groundwater flow is predominantly toward the west with variations to the northwest and southwest.

3.2 Current Project Area Uses

The SRDA is currently a zoned for a mix of commercial, single- and multi-family residential and public lands (parks). A general land use map of the area is provided as Figure 2. Parcels along the major internal thoroughfares (Spenard Road and 36th Avenue) are characterized by older commercial properties. Parcels outside the main arterial roads are generally characterized by residential use and small commercial developments. Nine trailer courts are located throughout the SRDA. Parks are interspersed in the residential areas.

Limited redevelopment has occurred in Spenard over the past 30 years. Some re-use of existing commercial and office space has increased recently, but no new construction has taken place. The existing pattern of mostly small lots which were built prior to the current zoning codes mean that businesses whishing to expand will no longer comply with municipal ordinances for landscaping, access, or parking requirements. Thus new construction will likely involve lot aggregation, demolition, and significant new site and utility improvements, and potential environmental remediation.

3.3 Historical Project Area Uses

Aerial photographs from Aero-Metric USA, Inc. and Polk City Directories were reviewed to evaluate historical land use within the project area and adjacent parcels.

3.3.1 Area-Wide Aerial Photographs

The area-wide photographs that are included in this report are from 1950, 1960, 1975, and 2012. These photographs are included in Appendix B as Figures B-1a through B-4b with the northern portion of the SRDA represented by Figures B-1a, B-2a, B-3a, and B-4a and the southern portion of the SRDA represented by Figures B-1b, B-2b, B-3b, and B-4b. The photographs are each enlarged to an approximate scale of 1 inch equals 300 feet and the approximate SRDA boundary is shown in red on the figures for reference.

The aerial photograph from 1950 shows development in northwest and central portions of the project area. Development in the northwest portion of the SRDA appears to be predominantly residential with apparent commercial structures along Spenard Road. What appear to be mixed-use residential and commercial structures are visible in the central portion of the SRDA in the vicinity of Chugach Way and residential structures are present along 36th Avenue. The southern portion of the SRDA remains largely vegetated although unpaved roads have been constructed in preparation for development. Also, unpaved roads have been constructed in preparation for development in the northeast portion of the project area.

In the 1960 aerial photograph, the majority of the SRDA has been developed. In general, the development appears to be residential in nature. A residential neighborhood has been established in the western area between Spenard Road and Minnesota Drive. Commercial structures, at least one of which appears to be fuel filling station, are visible along Spenard Road. Trailer courts are visible east of Spenard Road near 35th Avenue (presumably Penguin Park and/or Lyle's Trailer Court) and near 33rd Avenue (presumably Alta Vista Trailer Court), along the west side of Spenard near 36th Avenue, and along Chugach Way near Arctic Boulevard (presumably Chugach Way Trailer Park, L&L Trailer Park, and Kathy O Estates). An additional trailer court is visible adjacent east of the project area beyond Arctic Boulevard. A residential neighborhood has been established in the southwest portion of the SRDA. A channelized creek, presumably Fish Creek, is visible in the eastern portion of the SRDA. The creek is channelized north of 36th Avenue and appears to follow a natural path south of 36th Avenue in an overall southwest direction.

The aerial photograph from 1975 shows additional development throughout the project area, with the most notable development in the eastern portion along Arctic Boulevard. In general, the development from 1960 to 1975 appears to be primarily commercial. Additional trailer courts have also been established and/or expanded at locations near the north-central sections, near the intersection of 36th Avenue and Arctic Boulevard (L&L Trailer Court and Kathy O Estates), at the intersection of Arctic and Benson Boulevards (South Park Estates), and the northwest corner of the intersection of Tudor Road and Arctic Boulevard (Idle Wheels Trailer Court). A large trailer court is also visible east of the SRDA, beyond Arctic Boulevard. At least two fuel filling stations are present along Spenard Road (Shell #24 at 3304 Spenard Road and Olson Tesoro Gas Services Store at 3607 Spenard Road). Residential structures are present interior to the major thoroughfares. Fish Creek appears to have been diverted and/or culvertized south of 36th Avenue.

The aerial photograph from 2012 shows redevelopment in the northern portion of the SRDA. Specifically, residential properties in the northwest corner were redeveloped with multi-story commercial structures. Additional commercial properties were developed along the west side Spenard Road near 32nd Avenue and a multi-unit residential structure was constructed on the east side of Spenard Road near 32nd Avenue. A vacant parcel and what appeared to be mixed-use commercial/residential parcels along Arctic Boulevard were also redeveloped with commercial office buildings. The October 2012 aerial photograph is generally consistent with Shannon & Wilson's October 16, 2013 site visit.

3.3.2 Selected Parcels Aerial Photographs

Parcel and/or area-specific photographs that are included in this report are from 1962, 1964, 1970, 1976, 1979, 1985, and 2011. Aerial photographs selected to show representative land use patterns and/or change for the areas of interest identified by CIHA are provided in Appendix B as Figures 5 through 15. The photographs are grouped to depict four general areas: (1) the intersection of Spenard Road and 36th Avenue, (2) 36th Avenue from Wilshire Street to Cope Street, (3) Chugach Way east to Cope Street, and (4) Spenard Road from 35th Avenue to 31st Avenue.

Intersection of Spenard Road and 36th Avenue

Photographs depicting the intersection of Spenard Road and 36th Avenue from 1964, 1976, and 2011 are included as Figures B-5 through B-7.

In the 1964 aerial photograph, the intersection of Spenard Road and 36th Avenue is under construction. What appears to be heavy equipment and discolored soil is visible in the intersection. In general, the development north of 36th Avenue appears to be predominantly residential comprising single-family homes and trailer courts. South of 36th Avenue, the parcels adjacent to Spenard Road are largely occupied with commercial structures including a fuel filling station near the southeast corner of the intersection (Olson Tesoro Gas Services Store). Numerous cars are visible on the parcel located at the southwest corner of the Spenard Road intersection suggesting that the parcel may have been used as an automobile repair facility. The ground surface of the commercial properties is unpaved and numerous areas of discolored soil are observed although it is evident that at least some of the soil discoloration is due to water. In general, residential structures are present south of 36th Avenue interior of Spenard Road, south of the intersection of Spenard Road and Chugach Way, and along Chugach Way. Fish Creek is visible southeast of Spenard Road, oriented both east-west and perpendicular to Chugach Way.

In the aerial photograph from 1976, the northwest corner of Spenard Road and 36th Avenue has transitioned from primarily residential to primarily commercial use, as highlighted by the redevelopment of a former trailer court into a commercial structure. An additional pump island has been constructed south of the Olson Tesoro Gas Services Store. The ground surface of some of the commercial properties along Spenard Road appears to have been paved. The property at the southwest corner of Spenard Road and Chugach Way appears to have transitioned from residential to commercial use. Two Quonset huts are visible south east of Spenard Road along Chugach Way. Numerous items including connex storage containers and heavy equipment are visible along Fish Creek. It appears as though portions of Spenard Road may have been treated with oil as means of dust suppression.

The pump islands associated with the Olson Tesoro Gas Services Store are no longer visible in the 2011 aerial photograph. The parcel appears to be used to store vehicles, boats, and miscellaneous equipment. The parcel adjacent north of the former fuel filling station appears to be used as a car sales lot. Numerous vehicles and parts are visible on the parcel near the south of the intersection of Spenard Road and Chugach Way suggesting that the parcel is used as an automobile repair facility. Most other areas appear to be largely similar to the 1976 aerial photograph; however the roads have been paved with asphalt.

36th Avenue – Wilshire Street to Cope Street

The photographs showing the area along 36th Avenue from Wilshire Street to Cope Street are from 1964 and 1976 and are intended to compliment the photographs of the Spenard Road and 36th Avenue intersection (Figures B-5 through B-7) moving east. The figures are included as Figures B-8 and B-9 in Appendix B.

In the 1964 aerial photograph, the many of the parcels south of 36th Avenue are developed with residential structures. However, at least one parcel south of Fish Creek along Chugach Way appears to be commercially developed. Two trailer courts are visible along Chugach Way (Chugach Drive Trailer Court and L&L Trailer Court), with Chugach Drive Trailer Court comprising approximately 20 trailer homes. What appear to be lumber and miscellaneous discarded supplies are visible east of the area where Fish Creek daylights between the two trailer courts.

The aerial photograph from 1976 shows additional commercial structures in the area bound by Fish Creek to the north and Chugach Way to the south. Additional residential structures have been constructed on previously undeveloped parcels south of 36th Avenue and

north of Fish Creek. At least two of the parcels appear to be used for vehicle storage. What appears to be an area of burned vegetation is visible on the mixed-use commercial-residential parcel on Chugach Way located between the two trailer courts.

Chugach Way East to Cope Street

The photographs showing the area along Chugach Way to Cope Street are from 1970, 1979, and 1985 and are included as Figures B-10 through B-12.

In the 1970 aerial photograph, the parcels along the south side of Chugach Way contain what appear to be residential structures with the exception of the Quonset hut near the western extent of the road. The parcels along the north side of Chugach Way appear to be a blend of commercial and residential parcels (single-family homes and trailer courts). Multiple vehicles are visible throughout the commercial lots. Fish Creek is visible between Wilshire Street and Chugach Way.

The 1979 and 1985 aerial photographs show numerous vehicles, boats, and heavy equipment stored on the parcels north and south of the western extent of Chugach Way. Areas of discolored soil are visible on the ground surface of the commercial properties. Unidentifiable debris is scattered around the parcel adjacent east and south of Fish Creek. Additional unidentifiable debris is visible along the banks of the east-west oriented portion of Fish Creek.

Spenard Road - 35th Avenue to 31st Avenue

The photographs showing the area along Spenard Road from approximately 35th Avenue north to 31st Avenue are from 1962, 1964, and 1976 and are included as Figures B-13 through B-15.

In the 1962 and 1964 aerial photographs, a trailer court (presumably Penguin Park) is visible adjacent east of Spenard Road near 35th Avenue. What appear to be ASTs are present adjacent to many of the trailer homes. The Texaco Service Station 63-057-0024 fuel filling station is visible along the west side of Spenard Road. Areas of discolored soil are visible on the parcel adjacent north of the Texaco property. The parcels adjacent to Spenard Road have been improved with commercial structures while the parcels interior to Spenard Road appear to be used for residential use. Areas of discolored soil are visible throughout the unpaved surfaces of the commercial and residential parcels.

The aerial photograph from 1976 shows commercial structures along Spenard Road near the southwest corner of 35th Avenue, the northeast and northwest corners of 34th Avenue, and the northwest corner of 32nd Avenue. In general, the commercial properties along the west side of Spenard Road appear to be used for vehicle, parts, and equipment storage suggesting that at least some of the parcels may have contained auto repair facilities. Additionally, a portion of the trailer court (Lyle's Trailer Court) adjacent east of Spenard Road has been redeveloped for commercial use. New island canopies are visible at the Texaco station adjacent west of Spenard Road.

3.3.3 Summary of Historical Aerial Photograph Review

In general, the northwest and central portions of the SRDA were developed prior to 1950. Development in the northwest portion appears to be predominantly residential with apparent commercial structures along Spenard Road. What appear to be mixed-use residential and commercial structures are visible in the central portion of the project area in the vicinity of Chugach Way and residential structures are present along 36th Avenue.

By 1960, the majority of the SRDA was developed, predominantly for residential use. What appear to be at least seven trailer courts were established in the project area. Parcels adjacent to the arterial roads comprising Minnesota Drive, Benson Boulevard, Artic Boulevard, Tudor Road, Spenard Road, 36th Avenue, and Chugach Way appear to be commercially developed. Based on indicators in the aerial photographs, the commercial properties appear to me a mix of offices, fuel filling stations, automobile repair facilities, restaurants, and shops.

In general, the development from 1960 to 1975 appears to be primarily commercial. At least two fuel filling stations are visible along Spenard Road in photos between these years. Also, multiple single and multi-level commercial structures have been constructed along the major arterial routes of the project area.

By the mid 2000s, significant re-development was underway within the northern portion of the SRDA. Specifically, residential properties in the northwest corner were replaced with multi-story commercial structures. Additional commercial properties were developed along the west side Spenard Road near 32nd Avenue and a multi-unit residential structure was constructed on the east side of Spenard Road near 32nd Avenue. Parcels along Arctic Boulevard were also redeveloped with commercial office buildings. However, numerous parcels throughout the area continue to be used for residential purposes, including both free-standing homes and trailer

courts, particularly in areas not along the primary thoroughfares (e.g. Spenard Road and 36th Avenue). Many structures appear to be original structures built in the 1950s or earlier.

3.3.4 Polk Directory Review

Polk City Directories were reviewed to evaluate parcels with current and/or former land use practices that may comprise environmental risk. Note that due to the large number of legal parcels within the SRDA, a Polk City Directory review was only completed for CIHA's areas of interest comprising parcels along 36th Avenue and Spenard Road. The Polk Directories reviewed for this report are from 1961, 1989, 1995, and 2000. Information regarding the Polk City Directory review is summarized on Table 1. Note that addresses along 36th Avenue corresponded to private residences or commercial business with low environmental risk (e.g. restaurant, office space, gentlemen's club) and are therefore not included on Table 1.

According to the 1961 directory, at least four trailer courts, three fuel filling stations, two automobile repair facilities, three chemical storage facilities, and three potential dry cleaning facilities were established along Spenard Road as shown on Figure 2. By 1989, one dry cleaning facility, two fuel filling stations, and two trailer courts remained or at least were listed as such. Between 1989 and 1995, the last dry cleaning facility was repurposed and became an auto repair facility. Between 1995 and 2000, an additional trailer court and auto repair facility had been redeveloped.

3.4 Ownership

Due to the large number of legal parcels within the SRDA, ownership history of each parcel was not conducted.

3.5 Records Review

The scope of work for this PACP included a review of federal and state database records for pertinent information regarding the environmental condition within the project area and adjacent parcels. Data were also requested from local agencies. Environmental database records are included in Appendix C.

3.5.1 Federal Records Sources

The National Priorities List (NPL) specifies those properties assigned the EPA's highest cleanup priority. The EPA website was reviewed for NPL sites in Alaska. There are currently

two listed NPL sites in the Anchorage area: Elmendorf Air Force Base and Fort Richardson. These sites are not located within 1.0 mile of the SRDA.

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is also compiled by the EPA and includes sites the EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the NPL. According to the CERCLIS list, seven CERCLIS sites are located in the Anchorage area. These seven sites are the Alaska Railroad Anchorage Yard; Elmendorf Air Force Base; Fort Richardson; the Fourth Avenue and Gamble Parking Lot; the Post Road Drum Site; the Standard Steel and Metal Savage Yard; and the Univar Inc. property. Theses site are not located within 1.0 mile of the SRDA.

The Brownfield list contains ten EPA Brownfield Assessment, Cleanup, and Revolving Loan Fund Grantees in Anchorage. The ten sites are: Mountain View Subdivision on Mountain View Drive between 5th Avenue and Pine Street; 3901 Mountain View Drive; John's Motel and RV Park; Don Smith Property; Wizard Wash Tesoro Station; 3130, 3142, and 3150 Mountain View Drive; Peacock Cleaners; the Knik Arm Power Plant; Wilhour and Warner Trust Properties, and the Spenard Road Former Tesoro Olson Gas Services Store. The Spenard Road Former Tesoro Olson Gas Services Store located at 3607 Spenard Road is located within the project area at the intersection of Spenard Road and Chugach Way. The remaining sites are not located within 1.0 mile of the SRDA.

The National Register of Historic Places is the Nation's official list of cultural resources worthy of preservation. This register does not show cultural resource sites or cultural resource districts within the project area. Note that CIHA commissioned a historic structures survey on both 3502 Spenard Road and the properties in the area of 36th Avenue and Spenard Road. The report concluded that of the buildings surveyed, none warranted potential inclusion in the National Register of Historic Places and that overall, the area is not eligible for creation for creation of a historic district.

According to the National Wetlands Inventory online map, designated wetlands are not located within the project area. Fish Creek runs through the project area and is a navigable water body.

According to USFWS, 12 endangered animal species and one endangered plant species exist in Alaska. Five animal species are considered endangered by the Alaska Department of

Fish and Game, Division of Wildlife Conservation. According to the USFWS database viewed on October 8, 2013, these federal and state listed species are not found in the Anchorage area.

3.5.2 State Records Sources

The State Landfill/Solid Waste Disposal Site List was reviewed on October 8, 2013. According to the DEC's Solid Waste Management database, no landfills or solid waste disposal sites are identified within 0.5 mile of the SRDA.

Registered Underground Storage Tank Database

The DEC registered Underground Storage Tank (UST) records, available on the DEC website were viewed on August 19, 2013. Fourteen registered UST sites were identified within the project area. Information regarding the registered UST sites listed on the database is summarized in Table 2. The locations of the UST sites within the project area are shown on Figure 4. Note only two registered UST sites, Municipality of Anchorage's Anchorage Water and Wastewater Utility (AWWU) site located at 3000 Arctic Boulevard and the Wells Fargo Corporate Properties Group site located at 1500 West Benson Boulevard, utilize an active UST. In addition, 8 of the 14 registered UST sites, including the AWWU and Wells Fargo sites, are also listed on the DEC's Leaking Underground Storage Tank (LUST) database and are described below in the LUST database section.

The Kathy O. Estates trailer court (Parcel No. 8) located at 909 Chugach Way and the former Alpina Gas Service Station (Parcel No. 7, aka Tesoro – Olson Gas Services Store #1) located at 3607 Spenard Road are identified as parcels of interest and are both DEC-listed UST sites. According to the DEC's UST database, one 2,000-gallon gasoline UST was removed from the Kathy O. Estates trailer court and one 1,000-gallon diesel UST is temporarily out of use.

Nine USTs have been removed from the former Alpina site. The former USTs include: two 12,000-gallon gasoline tanks, one 4,000-gallon gasoline tank, one 3,000-gallon gasoline tank, one 2,000-gallon gasoline tank, two 2,000-gallon diesel tanks, one 10,000-gallon diesel tank, and one 500-gallon used oil tank.

Leaking Underground Storage Tank (LUST) Database

The DEC's LUST database was reviewed on August 19, 2013 for information regarding LUST sites within the project area. Eight LUST sites were identified within the SRDA. Information regarding the LUST sites is summarized in Table 3. The locations of the LUST sites

within the project area are shown on Figure 4. The following is a synopsis of the three "active" LUST sites within the project area, as listed on the DEC database.

The Tesoro – Olson Gas Services Store #1 located at 3607 Spenard Road is listed as an active LUST site and a parcel of interest (Parcel No. 7). A fueling station operated on the property from 1964 to 1993. During construction in the summer of 1987, a citizen complained of gasoline odors near the property, which at the time was operating as Tesoro – Olson Gas Services Store #1. In October 1988, the DEC conducted a site inspection of the property and noted that the property was "messy" and could have LUSTs on site. Tank tightness tests conducted in November 1990 indicated that the tanks were not leaking. According to DEC database, on January 3, 1993, the service station was closed and the USTs were emptied. In June 1993, an EPA representative inspected the site and found that five USTs were out of compliance due to dormancy. In September 1995, nine USTs and associated piping and dispensers were removed. According to Gilfilian Engineering & Environmental Testing, Inc.'s (GEET) October 1995 UST site assessment report, 50 tons of diesel-impacted soil, 30 tons of gasoline-impacted soil, and 20 tons of used-oil impacted soil were excavated and transported to an off-site facility. Confirmation soil samples from soils remaining in the excavation base and sidewalls contained maximum diesel range organics (DRO) concentrations of 23,800 milligrams per kilogram (mg/kg), gasoline range organics (GRO) concentrations of 5,194 mg/kg, benzene concentrations of 65.6 mg/kg, and lead concentrations of 540 mg/kg. In September 2001, approximately 1,120 tons of impacted soil were excavated from the former tank and dispenser areas and thermally treated off site. Confirmation samples revealed concentrations of GRO (8,410 mg/kg), DRO (9,520 mg/kg), and benzene (28.6 mg/kg) remaining in the site's soil. Groundwater monitoring wells were installed in 1996, 1997, 2001, 2003, 2012, and 2013. Analytical groundwater samples have routinely detected GRO, DRO, and benzene concentrations above the regulated cleanup levels. After multiple pilot tests, an air sparge/vapor extraction system began operation in May 2003. A soil and groundwater investigation conducted in 2013 provided additional plume delineation information. Based on groundwater analytical results, the contaminant plume has been delineated up-gradient (southeast) of the former UST/dispenser source area, west/southwest of the property, and off-property to the northwest.

The Texaco Service Station 63-057-0024 (aka Shell #24) is located at 3304 Spenard Road and is listed as an active LUST site (Parcel No. 20). The site was added to the DEC LUST database in 1996 when petroleum-impacted soil was encountered during facility upgrades. Approximately 40 cubic yards of impacted soil was excavated and disposed off site. Groundwater monitoring wells were installed in 1997, 2001, and 2006, and sample analytical results routinely identified benzene concentrations above the regulated cleanup level. In

December 2008, five fuel USTs, associated piping and dispensers, and two hydraulic hoists were removed. Approximately 100 cubic yards (cy) of soil were excavated during the tank removal activities. Confirmation soil samples collected at the base of the former gasoline and diesel tank excavation contained benzene concentrations (up to 0.31 mg/kg) exceeding the DEC Method Two cleanup level. In 2011, eight soil borings were advanced with five completed as groundwater monitoring wells. Free product (up to 1.18 feet) has routinely been measured in one of the site's monitoring wells. In April 2013, the DEC requested that the extent of free product on the groundwater be defined.

The MOA AWWU site is the third active LUST site within the project area and is located at 3000 Arctic Boulevard (Parcel No. 18). According to the DEC Contaminated Sites database, three 4,000-gallon USTs, comprising two gasoline tanks and one diesel tank, were removed from the ground in April 1993. Holes were reportedly visible in the two gasoline USTs. Free product was observed on the groundwater encountered in the excavation at approximately 8 feet below ground surface (bgs). Confirmation soil samples collected from the base of the UST excavation contained up to 0.606 milligram per kilogram (mg/kg) benzene and 0.212 mg/kg tetrachloroethene (PCE) which exceed the most stringent DEC Method Two cleanup levels. In May 1993, additional soil was excavated from beneath the former dispenser island and to the east of the former UST excavation. Analytical soil samples were collected from the base of the excavation. With the exception of benzene, analyte concentrations were less than the DEC cleanup levels. In June 2010, BGES, Inc. advanced nine soil borings in the vicinity of the former UST excavation and completed three of the borings as groundwater monitoring wells (Wells MW-1, MW-2, and MW-3). An analytical soil sample collected from Well MW-3, advanced west of the former USTs and along a former distribution line, contained a benzene concentration of 0.0320 mg/kg. The remaining soil samples did not contain analyte concentrations greater than DEC cleanup levels. Five groundwater sampling events were conducted between June 2010 and September 2012. Benzene concentrations have exceeded the DEC Table C cleanup levels in Well MW-3 during each sampling event conducted between 2010 and 2012. The maximum measured benzene concentration of 0.0109 milligram per liter (mg/L) was measured in Well MW-3 during the October 2011 sampling event. Groundwater samples collected during the 2013 sampling event did not contain analyte concentrations greater than the Table C cleanup level.

Contaminated Sites Database

The DEC's Contaminated Sites database was reviewed on August 19, 2013 for information regarding contaminated sites within the project area. Six contaminated sites, including two "active" sites, were identified within the SRDA. Information regarding the

contaminated sites is summarized in Table 4. The locations of the contaminated sites within the project area are shown on Figure 4. The following is a synopsis based on DEC database entries of the two "active" contaminated sites within the project area and the one "closed" contaminated site that was identified as a parcel of interest.

The Anchorage Fueling Service Company's Former Cross-town pipeline site located at the intersection of Arctic Boulevard and Tudor Road (Parcel No. 12) is listed as an active contaminated site. During the investigation of an adjacent LUST site, free product was identified. The free product was characterized as Jet A fuel. According to the DEC database, the product originated at a leak in the pipeline near the northwest corner of Arctic Boulevard and Tudor Road. The DEC estimates that free product has migrated at least 150 feet east, 145 feet southwest, and 160 feet northwest of the leak point. According to the DEC, between October 2001 and September 2010, 12,799 gallons of free product have been recovered. During the October 2012 monitoring event, free product (up to 0.31 foot) was measured in 4 of the 10 site monitoring wells.

The South Park Trailer Court, located at 3007 Arctic Boulevard (Parcel No. 10), is listed as an active contaminated site. A Phase I Environmental Site Assessment (ESA) conducted in 2005 concluded that former heating oil tanks and fuel distribution piping could have potentially impacted the site's subsurface soil and/or groundwater. Other sources of potential petroleum hydrocarbon and hazardous substances include the chemicals stored on adjacent lots, the septic tank and leach field, and past road oiling practices. In 2005, 11 soil borings were advanced and completed as either temporary or permanent groundwater monitoring wells. Soil samples from three of the borings contained DRO concentrations greater than the DEC cleanup level. In May 2009, about 7.2 inches of free-phase product was measured in an on-site well located near the trailer court's former fuel pipeline and 5.6 inches of free-phase product was measured in 2010.

The L&L Mobile Home Court located at 1003 Chugach Way is listed as closed contaminated site and a parcel of interest (Parcel No. 8). According to the DEC database, the property was serviced by heating oil stored in an aboveground storage tank (AST) located at an adjacent trailer court (Kathy O Estates). The heating oil was distributed to individual trailers on the property via 1-inch steel piping which was buried 16 to 18 inches bgs. The distribution piping was reportedly abandoned in place in 1975 when natural gas service was available. According the DEC database, a break in the distribution line at an unknown date released an estimated 2 gallons of fuel. In addition, access roads throughout the trailer court were oiled annually as a means for dust suppression. The site was closed by the DEC in June 2003.

3.5.3 Local Agency / Utilities

Due to the large number of transformers within the general project area, utility companies were not contacted to determine whether transformers within the project area contain oil with PCBs. Note that the electric utility is typically responsible for releases from their equipment.

According to ENSTAR natural gas records, natural gas services were available to the majority of the project area in the 1960s. Based on aerial photograph review, numerous structures were built prior to the availability of natural gas services, including many structures that remain today. It is our experience that structures that predate natural gas service likely used fuel stored in ASTs or USTs.

According to AWWU records, water and wastewater services were generally available to residential and commercial parcels within the SRDA starting in the early 1960s. Based on the AWWU connection data, multiple structures within the SRDA predate the availability of municipal sewer and water services and/or elect to remain on private utilities. Private septic systems could pose environmental risk is chemicals are disposed through the buildings sinks and/or toilets. Moreover, the use of private drinking water wells potentially increases the risk posed by the potential source areas identified in this PACP. Figure 3 provides an overview of parcels not connected to municipal sewer and/or water services.

3.6 Adjoining Property Use

Adjoining parcels are characterized by commercial, industrial, and residential use.

4.0 SITE RECONNAISANCE

Two Shannon & Wilson representatives (Jennifer Simmons and Katie Nolan) visited the project area on October 16, 2013 to identify potential sources or impacts of petroleum hydrocarbons and/or hazardous substances. A second site reconnaissance was conducted on April 18, 2014 and focused on parcels of interest identified by CIHA during the February 18, 2014 pre-draft document meeting. The focused area of interest generally comprised parcels located between 36th Avenue, Arctic Boulevard, Chugach Way, and Spenard Road.

4.1 Methodology

The site reconnaissance comprised an area-wide site visit to identify general land uses and obtain additional information about potential environmental concerns. The site visit entailed a visual assessment for indicators of potential environmental issues, and was limited to a "drive-by" level of detail conducted from legal rights-of-way.

4.2 Field Observations

Significant findings from our limited site reconnaissance activities are described below. Photographs taken during the site reconnaissance are included in Appendix D.

4.2.1 Area-Wide Reconnaissance

Strip malls and multi-story commercial structures are located along the project area's major thoroughfares (Photos 1 though 6). In general, the commercial structures along Spenard Road from Minnesota Boulevard to Northern Lights Boulevard appear to be of original 1950s to 1960s construction with little remodel. Commercial properties in the northwest corner and in the east-central portion of the SRDA appear to have been developed more recently. The commercial properties generally comprise office structures, banks, retail space, and restaurants.

The southern portion of the SRDA is predominantly residential, with a strip mall housing a restaurant and retail space located along Tudor Road. The Idle Wheels Trailer Court is located near the northwest corner of Tudor Road and Arctic Boulevard. In general, the trailer homes appeared to be of older construction (pre 1970s) with miscellaneous debris, including 55-gallon drums, stored in most yards (Photo 7). Unused and/or discarded items were observed throughout the trailer court (Photo 8). Additional trailer courts are present along Chugach Way and near the northeast corner of Spenard Road and 36th Avenue. Many of the trailer homes appeared to be in various states of disrepair (Photos 9, 10, and 11) and showed little sign of maintenance and general upkeep. In many cases, windows were boarded over or covered with plastic sheeting and the trailer roofing was weighted down with discarded objects. Single-family and multi-family residential structures are located interior to Tudor Road and Arctic Boulevard, and Minnesota Avenue (Photos 12 and 13). Broken and unrepaired windows, peeling exterior siding and paint, and cracked exterior walls, deteriorated some of the single-family homes.

The northern portion of the SRDA is characterized by both commercial and residential use. Areas interior to the major thoroughfares are predominantly residential. Four trailer courts are located in the northern portion of the study area (Photos 14, 15, 16, and 17). In general, the trailer homes appear to be of vintage construction. Similar to the trailer homes in the southern portion, the trailer homes observed in the northern half were generally characterized by pre-1970s construction, sloughing exterior siding, peeling exterior paint, broken windows, and plastic sheeting used in place of roofing material. Single-family and multi-family homes are interspersed throughout the trailer courts and commercial properties (Photo 18).

4.2.2 Focused Area Reconnaissance

The focused area of interest identified by CIHA generally comprise parcels located between 36th Avenue, Arctic Boulevard, Chugach Way, and Spenard Road as shown on Figure 4.

What appeared to be vacant and/or abandoned residential structures are present along 36th Avenue, west of Spenard Road (Photos 19 and 20). In general, windows on the vacant and/or abandoned structures were either broken or covered with plywood. The siding, paint, and general infrastructure (e.g. porch and stair guard rails) were in various states of disrepair. A residential neighborhood is located adjacent east of the abandoned structures (Photo 21).

The Alpina Auto Garage (aka Olson Tesoro #1) is located at the northeast corner of Spenard Road and Chugach Way (Photo 22). Fish Creek (Photo 23) is located adjacent east of the Alpina parcel. A vacant lot (Photo 24) is located adjacent east of Fish Creek. Based on historical aerial photographs, it appears as though this parcel has been used to store discarded and/or unwanted items. At the time of our site visit, a fragmented boat was abandoned on the parcel. Residential parcels and a trailer court are located further east of Fish Creek along Chugach Way. Dated trailers were observed in the Chugach Drive Trailer Court.

Hansen Transmission is located at the southeast corner of Spenard Road and Chugach Way. Note that according to the Polk City Directory, Queens Dry Cleaning previously occupied this parcel (and is shown as such on Figure 2). Numerous 55-gallon drums and surface stains were observed on the property during the October 2013 and April 2014 site reconnaissance efforts (Photos 25 through 27). Golden Paint Body & Frame is located east of Hansen Transmission (Photo 28). Vehicles and miscellaneous debris was observed in the associated storage yard.

4.2.3 General Infrastructure

General infrastructure throughout the SRDA appears to be outdated and/or non-compliant with current municipal standards. For example, pavement on most roads is deteriorated and cracked in multiple places (Photos 29 and 30). Sidewalks and curbs are nearly nonexistent except for areas along the major arterial thoroughfares. As such, legal boundaries and right-of-ways are often unclear. The project area in general and specifically the area of interest appeared to be lacking storm sewer drains to convey surface water during spring breakup and rainfall events.

4.2.4 Surrounding Properties

In general, commercial parcels are located adjacent to the SRDA along the major thoroughfares. Two fuel filling stations are located adjacent to the west near the intersection of Minnesota drive and Spenard Road and a third fuel filling station is located to the south at the intersection of Tudor Road and Arctic Boulevard. Residential neighborhoods are located west and south of the SRDA, and commercial properties (shopping center, restaurants, strip malls) are present to the north.

5.0 ENVIRONMENTAL REVIEW AND SUMMARY OF FINDINGS

Significant findings from our historical aerial photograph and city directory review, federal and state database searches, review of public utility services, interviews with project stakeholders, and limited site reconnaissance efforts are described below.

5.1 Historical Environmental Review and Potential and Identified Source Areas

Based on the research conducted for this PACP, the following general environmental concerns were identified. Individual properties with known contamination, as reflected in the DEC databases, specific parcels of interest identified by CIHA, and parcels identified as having current or former land use practices that constitute potential environmental risk are shown on Figure 4 and listed in Table 5.

- Numerous structures within the SRDA were constructed prior to 1978. Figures 5a and 5b show present-day structures that have the potential to contain ACMs and/or lead-based paint based on age of construction. ACM is a regulated hazardous air pollutant under the Clean Air Act, and is therefore subject to federal regulation as a hazardous substance.

- Structures within the SRDA predate the availability of natural gas services. Figures 6a and 6b show parcels that may have utilized USTs or ASTs for heating oil. Several ASTs are visible adjacent to residential structures and trailer homes in multiple aerial photographs provided in Appendix D. Releases from active and/or abandoned tanks could impact the area's subsurface soil and/or groundwater.

  It is our experience that current and/or former trailer courts within and adjacent to SRDA may have utilized private heating oil distribution systems and or heating oil tanks. Releases from active and/or abandoned fuel lines could impact the area's subsurface soil and/or groundwater.

- According to AWWU connection dates, multiple structures within the SRDA predate the availability of municipal sewer and water services. As shown on Figure 3, multiple parcels elect to remain on private utilities. These private systems could pose environmental risk is chemicals are disposed through the buildings sinks and/or toilets. Moreover, the presence of private drinking water wells on several parcels potentially increases the risk posed by the potential environmental contaminants identified in this PACP.

- Previous land uses at parcels along Spenard Road constitute environmental risk (e.g., dry cleaners, fuel filling stations, auto repair shops, vehicle storage/salvage yards, etc.). Table 1 provides a summary of the parcel addresses, former land use, and associated potential risk(s) based on Polk City Directory listings.

  Multiple land uses in the project area comprise potential environmental risk. Specifically automobile repair facilities may contain floor drains, hydraulic lifts, oil/water separators, and chemical storage areas. Former dry cleaners typically used and stored chlorinated solvents which are commonly found in the sites' soil and groundwater.

- There are currently 14 DEC- registered UST sites, eight LUST sites, and six listed contaminated located within the SRDA, as shown on Figure 4 and listed on Tables 2 through 4. Of these sites, two registered USTs are currently in use and three LUST and two contaminated sites are listed as "active" on the DEC databases. Additional DEC-listed sites are located adjacent to the SRDA boundary and may have the potential to impact the area's soil and/or groundwater. Note that multiple DEC-listed UST sites within the SRDA were closed prior to 1990. It is unknown whether USTs closed before this date followed current tank closure, assessment, and remediation methods.

- Multiple 55-gallon drums were observed on parcels throughout the SRDA. The drums on residential parcels appeared to be used as trash receptacles. However, drums on several commercial properties appeared to store chemicals. In addition, surface stains associated with the drums was observed on paved and unpaved surfaces.

- Based on limited site reconnaissance, multiple parcels within the SRDA are used to store unused and/or discarded materials that may be considered solid waste per state and/or federal regulations. The miscellaneous items observed throughout the project area include vehicles, trailer homes, chemical storage containers, batteries, tires, furniture, and appliances.
- Based on aerial photograph review, it appears as though portions of Spenard Road may have been treated with oil as means of dust suppression.

5.2 Data Gaps

The following data gaps were identified during the PACP research effort.

- This PACP identified several sites throughout the project area that may be impacted based on historical records and or current property use (e.g., trailer courts, auto repair facilities, former dry cleaning facilities, and parcels with known or suspected USTs) although not currently recognized as ADEC-listed sites. These sites may warrant investigation to establish actual presence and distribution of environmental contaminants.
- Numerous transformers were identified with the study area. Individual transformers were not investigated as to the potential presence of PCB-containing oil.
- The limited research and site reconnaissance conducted for the PACP provided an overview of potential environmental concerns associated with the SRDA. As such, the research performed is not a substitute for in-depth analysis for any specific parcel. Additional assessment may be warranted to facilitate R&R of specific parcels.

6.0 OBSTACLES TO DEVELOPMENT

The following obstacles to development were identified during this PACP effort.

- The SRDA was largely developed prior to 1978 suggesting that original structures within the project area may contain ACMs and/or LBP.
- The majority of Spenard was developed prior to the establishment of the current municipal zoning codes. As such, a significant portion of the project area may not comply with current municipality zoning ordinances for basic infrastructure such as storm water conveyance, parking, site access, sidewalks, landscaping, utility connections, and pavement design.
- Fish Creek is a navigable water body that bisects the project area. Permitting will likely be required for development adjacent to the creek.

- Contamination associated with DEC-listed sites and other known/potentially contaminated sites has the potential to impact parcels of interest and/or migrate off-site impacting neighboring properties.
- Unknown sources of contamination associated with current and/or former land use practices that indicate environmental risk (e.g. former dry cleaners, gasoline stations, auto repair shops, and auto storage/salvage yards that are not currently listed as DEC contaminated sites).

This report and supporting tables and figures can provide general concerns in areas of interest. A more detailed and focused analysis is required a comprehensive analysis of any specific parcel.

7.0 PERSONNEL QUALIFICATIONS

This PACP was prepared by Ms. Jennifer Simmons under the direct supervision of Mr. Matthew Hemry, P.E. Ms. Simmons, an Environmental Scientist III, received a B.S. in Geology from the University of Arizona. Mr. Hemry, Vice President, received a B.S. in Engineering Sciences from Dartmouth College and a M.S. in Environmental Engineering from Duke University. These individuals have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property, and they have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Shannon & Wilson declares that, to the best of our professional knowledge and belief, Mr. Hemry meet the definition of "Environmental Professional" as defined in 40 CFR 312.10.

8.0 CLOSURE/LIMITATIONS

This report was prepared for the exclusive use of our clients and their representatives in the study of this site. The findings we have presented within this report are based on the limited research and field observations that we conducted. They should not be construed as definite conclusions regarding the site's environmental condition. As a result, our limited research and observations can only provide you with our professional judgment as to the environmental characteristics of this site, and in no way guarantees that an agency or its staff will reach the same conclusions as Shannon & Wilson, Inc. The data presented in this report should be considered representative of the time of our site assessment. Changes in site conditions can occur with time, due to natural forces or human activity. In addition, changes in government codes, regulations, or laws may occur. Because of such changes beyond our control, our observations and interpretations may need to be revised. Shannon & Wilson has prepared the attachments in Appendix E, "Important

Information About Your Geotechnical/Environmental Report," to assist you and others in understanding the use and limitations of our reports.

Copies of documents that may be relied upon by our client are limited to the printed copies (also known as hard copies) that are signed or sealed by Shannon & Wilson with a wet, blue ink signature. Files provided in electronic media format are furnished solely for the convenience of the client. Any conclusion or information obtained or derived from such electronic files shall be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, or you question the authenticity of the report please contact the undersigned.

We appreciate this opportunity to be of service. Please contact the undersigned at (907) 561-2120 with questions or comments concerning the contents of this report.

Sincerely,

SHANNON & WILSON, INC.

Jennifer Simmons
Environmental Scientist

Matthew S. Hemry, P.E.
Vice President

TABLE 1
SUMMARY OF POLK CITY DIRETORY REVIEW

Street Address	Former Land Use of Interest	Potential Risk	Polk City Directory Listing				
			1961	1989	1995	2000	2014
2901 Spenard Road	Potential dry cleaning facility	Use and store solvents	Alaska Cleaners Inc.	Vacant	Vacant	NL	NL
2906 Spenard Road	Potential dry cleaning facility	Use and store solvents	Spenard Washeteria	G&B Skate N Sport Sporting Goods	Mammoth Music	NL	NL
3002 Spenard Road	Auto repair facility	Potential hydraulic lifts, floor drains, chemical storage areas, used maintenance fluids	-	Senior Automotive Auto Repair	Senior Automotive Auto Repair	Senior Automotive Auto Repair	NL
3200 Spenard Road	Auto parts store	Chemical storage areas	-	Auto Parts Service of Alaska	LWR Custom Rod & Tackle	NL	NL
3203 Spenard Road	Chemical storage	Chemical storage practices, potential disposal	Alaska Farm Home Chemicals & Fertilizer	NL	NL	NL	NL
3304 Spenard Road	Fuel station	USTs and associated piping and dispensers	Pete's Spenard Texaco Gas Station	Y&B Texaco Gas Station	Y&B Texaco Gas Station	Y&B Texaco	Smart Start of Alaska
3313 Spenard Road	Trailer court	Fuel distribution system or individual ASTs/alternative heat source	Johnson's Trailer Court	Millers Mobile Park	Millers Mobile Home Court	Millers Mobile Home Court	NL
3407 Spenard Road	Trailer court	Fuel distribution system or individual ASTs/alternate heat source	Penguin Trailer Court	Penguin Trailer Court	Penguin Mobile Home Court	Penguin Mobile Home Court	Penguin Mobile Home Court
3504 Spenard Road	Trailer court	Fuel distribution system or individual ASTs/alternate heat source	Penney Trailer Court	NL	NL	NL	NL
3507 Spenard Road	Potential dry cleaning facility	Use and store solvents	Spenard Bendix Launderall	Express Market No. 2 convenience store	NL	NL	NL
3603 Spenard Road	Auto parts store	Chemical storage areas	Spenard Auto Supply	NL	NL	NL	NL
3608 Spenard Road	Auto repair facility	Potential hydraulic lifts, floor drains, chemical storage areas, used maintenance fluids	Bob's Beetle Shop Auto Repair	P J Cocktail Lounge	PJ's Cocktail Lounge	Papa Joes Drinking Place	Vacant structure
3607/3610 Spenard Road	Fuel station	USTs and associated piping and dispensers	Olson Gas Service Station	Olson Gas Distributing	Alpina Gas Station and Auto Repair	Alpina Auto Repair	Alpina Auto Repair
3611 Spenard Road	Dry cleaning facility and auto repair facility	Use, store, and dispose solvents associated with dry cleaning operations. Potential hydraulic lifts, floor drains, chemical storage areas, used maintenance fluids in association with auto repair facility.	-	Queen's Dry Cleaning	Spenard Auto Service	Taqeuria Janitzio Eatery	Hansen Transmission
3714 Spenard Road	Fuel station	USTs and associated piping and dispensers	Abe's Spenard Union Service Gas	NL	NL	NL	NL

Notes:
- = Address not established.
NL = Address not listed in Polk Directory. Note that although the address is no longer listed, the parcel may have been reassigned a new address.

TABLE 2
REGISTERED UNDERGROUND STORAGE TANKS WITHIN THE PROJECT AREA

Facility Name	Facility ID	Street Address	Owner Name	Tank ID	Tank Status	Tank Capacity (gallons)	Tank Contents
E. J. Young	13	1401 West 33rd Avenue	E. J. Young	1	Tank Removed from Ground	2,000	Diesel
				2	Tank Removed from Ground	2,000	Gasoline
				3	Tank Removed from Ground	500	Gasoline
Office Building	2805	1503 West 33rd Avenue	Key Pacific Mortgage	1	Tank Removed from Ground	500	Gasoline
MOA - Anchorage Water & Wastewater Utility	1281	3000 Arctic Boulevard	Municipality of Anchorage	1	Tank Removed from Ground	4,000	Diesel
				2	Tank Removed from Ground	4,000	Gasoline
				3	Tank Removed from Ground	4,000	Gasoline
				4	Currently in Use	4,000	Gasoline
J.C. Penneys	229	3202 Arctic Boulevard	J.C. Penney Properties, Inc.	1	Tank Closed in Place	1,000	Diesel
3300-40 Arctic Blvd. Corp	1910	3330 Arctic Boulevard	3300-40 Arctic Blvd. Corp	1	Tank Removed from Ground	3,000	Gasoline
				2	Tank Removed from Ground	3,000	Gasoline
America Rents, Inc.	240	3600 Arctic Boulevard	America Rents, Inc.	1	Tank Removed from Ground	1,000	Gasoline
				2	Tank Removed from Ground	1,000	Diesel
New York Life Bldg	454	1400 West Benson Boulevard	Hoffman Commercial Mgt	1	Tank Removed from Ground	1,000	Diesel
Wells-Fargo Corporate Properties Group	2351	1500 West Benson Boulevard	Wells-Fargo Corporate Properties Group	1	Permanently Out of Use	700	Diesel
				2	Currently in Use	1,000	Diesel
Kathy O. Estates, Inc. - Emery G	450	909 Chugach Way	Kathy O. Estates, Inc.	1	Temporarily Out of Use	1,000	Diesel
				2	Tank Removed from Ground	2,000	Gasoline
Spenard Road Facility	133	3000 Spenard Road	ENSTAR Natural Gas Company	1	Tank Removed from Ground	1,000	Diesel
Former ENSTAR Lot	2800	3002 Spenard Road	Robert Brattud	1	Tank Removed from Ground	6,000	Gasoline
				2	Tank Removed from Ground	1,000	Diesel

TABLE 2
REGISTERED UNDERGROUND STORAGE TANKS WITHIN THE PROJECT AREA

Facility Name	Facility ID	Street Address	Owner Name	Tank ID	Tank Status	Tank Capacity (gallons)	Tank Contents
Shell #24 (1212114)	903	3304 Spenard Road	Shell Oil Products US	1	Tank Removed from Ground	550	Used Oil
				2	Tank Removed from Ground	12,000	Gasoline
				3	Tank Removed from Ground	10,000	Gasoline
				4	Tank Removed from Ground	10,000	Gasoline
				5	Tank Removed from Ground	8,000	Diesel
				6	Tank Removed from Ground	550	Used Oil
				7	Tank Removed from Ground	6,000	Gasoline
				8	Tank Removed from Ground	4,000	Gasoline
				9	Tank Removed from Ground	4,000	Gasoline
				10	Tank Removed from Ground	4,000	Gasoline
				11	Tank Removed from Ground	4,000	Gasoline
Alpina Gas Service (formerly Olson Tesoro Gas Services Store #1)	2288	3607 Spenard Road	Alpina Auto Repair C/O Rasim Kad	1	Tank Removed from Ground	12,000	Gasoline
				2	Tank Removed from Ground	4,000	Gasoline
				3	Tank Removed from Ground	3,000	Gasoline
				4	Tank Removed from Ground	2,000	Gasoline
				5	Tank Removed from Ground	12,000	Gasoline
				6	Tank Removed from Ground	2,000	Diesel
				7	Tank Removed from Ground	2,000	Diesel
				8	Tank Removed from Ground	10,000	Diesel
				9	Tank Removed from Ground	500	Used Oil
Gull's Inc.	1164	3704 Wilson Street	James Blake & Margarite Gull	1	Permanently Out of Use	500	Gasoline

TABLE 3
LEAKING UNDERGROUND STORAGE TANK SITES WITHIN THE PROJECT AREA

Facility Name	Street Address	Status	Office File ID*
Ed Young	1401 West 33rd Avenue	Cleanup Complete	2100.26.123
MOA - AWWU - Anchorage Headquarters bldg.	3000 Arctic Boulevard	Active	2100.26.314
Former New York Life Building	1400 West Benson Boulevard	Cleanup Complete	2100.26.277
Former National Bank of Alaska - Benson	1500 West Benson Boulevard	Cleanup Complete - Institutional Controls	2100.26.316
Enstar Spenard Rd Site	3000 Spenard Road	Cleanup Complete	2100.26.276
Enstar Warehouse	3002 Spenard Road	Cleanup Complete	2100.26.404
Texaco Service Station 65-057-0024 (Shell)	3304 Spenard Road	Active	2100.26.102
Tesoro - Olson Gas Services Store #1	3607 Spenard Road	Active	2100.26.072

* The Office File ID is the DEC file number.

TABLE 4
CONTAMINATED SITES WITHIN THE PROJECT AREA

Facility Name and Street Address	Office File ID~	Status/Priority	Problem, as listed by DEC*
Spenard Area Assessment Project Area	2100.57.018	Informational	Cook Inlet Housing sought DEC Brownfield Assessment (DBA) for the Spenard area in Midtown Anchorage to assist with redevelopment planning. The proposal was reviewed and approved for a DBA in FY 2014. The goal is to clarify environmental conditions in the area that could preclude economic development interests, and be proactive in addressing these activities.
Former Auto Repair Shop 1311 West 40th Avenue	2100.38.144	Cleanup Complete	Evicted tenants left drums and batteries, junk autos, and several open containers. DRO and GRO contamination discharged from 55-gallon drums onto driveway resulted in contamination of soil in adjacent unpaved, shallow roadside ditch. Impacted soil and debris was removed from the site. Triplex taken over by NBA, then HUD. Lot 10A, Spenard Courts Subdivision. Last staff assigned was Olson.
AFSC Former Cross-town Pipeline, Arctic & Tudor Release 4100 Arctic Boulevard	2100.38.438	Active	During the investigation of a leaking underground storage tanks at the Texaco station on the corner of Tudor and Arctic -- free product was identified. The free product was identified as a jet A. A May 2000 investigation found that the jet A pipeline that operated from 1962 to 1999 had leaked from a faulty weld. Product has migrated 150 feet to the east, 145 feet to the southwest, and 160 feet to the northwest of the leak point (northwest corner of Arctic and Tudor intersection).This includes the southeast corner of the Idle Wheels Mobile (Home) Court. An additional product recovery well was installed on September 2002, also two in 2003, and two more in 2005. Through September 2010, 13,600 gallons of product have been recovered, and up to 1.38 feet of product remain in several monitoring wells. Last staff assigned were Weimer, Frechione, and Olson. Note that AFSC stands for Anchorage Fueling and Service Co., a sister company to Signature Flight Support. In essence, AFSC is the company that owns pipelines and facilities; Signature is the operating company. AFSC is now called ASIG (Aircraft Service International Group). Creech Subdivision. The elevation is ~30 meters (~98 feet).

~ The Office File ID is the DEC file identification number

* Narrative taken directly from DEC summary statement in the on-line database. This summary may not fully describe the nature of the environmental concern and/or potential risk to human health, safety, welfare, or the environment

TABLE 4
CONTAMINATED SITES WITHIN THE PROJECT AREA

Facility Name and Street Address	Office File ID~	Status/Priority	Problem, as listed by DEC*
L & L Mobile Home Court 1003 Chugach Way	2100.38.049	Cleanup Complete - Institutional Controls	Previous heating oil system consisted of an AST at the adjacent Kathy O. Estates Trailer Court and an associated 1 inch steel piping buried at a depth of 16 to 18 inches below ground surface which distributed heating oil to the trailers at the L and L Trailer Court. The heating oil line entered the property at the northeast corner. This system was abandoned in place in 1975 when natural gas was piped into the trailer park. Access roads on the property historically were oiled on an annual basis. A break in the heating oil line occurred at an unknown date that spilled an estimated 2 gallons of fuel. Surface staining was observed on site where a grader is parked and areas where engine parts and oil are stored. NFRAP in place until the GW and soil at the GW interface can be demonstrated to be below soil and GW cleanup levels for DRO. Groundwater is approximately 6 feet below ground surface. Anchorage Water and Wastewater Utility does not service this property with drinking water. Drinking water is obtained from a well on the property. Based on the MOA Property Appraisal web site the subject property was sold by Holy Rosary Academy to Charles F. McAlpine. The date of the deed change was 5/11/06.
Alano Club of Anchorage 3103 Spenard Road	2100.38.158	Cleanup Complete	One 500 gallons home heating oil tank was removed from the foundation of the former residence located on the property east of the current structure. The tank was removed in 1995 and approximately 290 tons of contaminated soil was excavated and thermally remediated. Contaminated soil remained in place with concentrations above cleanup levels. Groundwater was impacted. Groundwater is approximately 8 feet below ground surface

~ The Office File ID is the ADEC file identification number

* Narrative taken directly from ADEC summary statement in the on-line database. This summary may not fully describe the nature of the environmental concern and/or potential risk to human health, safety, welfare, or the environment

TABLE 4
CONTAMINATED SITES WITHIN THE PROJECT AREA

Facility Name and Street Address	Office File ID~	Status/Priority	Problem, as listed by DEC*
South Park Trailer Court Southeast Corner of Benson and Arctic Boulevards	2100.38.454	Active	Soil contaminated by diesel range organics associated with past heating oil use at this mobile home park was documented during environmental investigations done by the prospective purchaser in February 2005. Groundwater encountered at a depth of about 10 to 12 feet bgs and was found to be contaminated by DRO and benzene above cleanup levels; however, the consultant believes it is likely that groundwater contamination has migrated onto the site from an offsite source. A soil sample collected at a depth of 10 to 12 feet below the ground surface (bgs) had 1,450 parts per million (ppm) of diesel range organics (DRO) which exceeds the ADEC cleanup criteria for DRO in soil of 250 ppm. Site address described as 3007 Arctic Boulevard in submittals to Department (2005). Using static water levels measured in the four permanent groundwater monitoring wells, the local groundwater flow was determined to be toward the north-northwest. Additional investigations are needed to determine whether the soil and groundwater contamination observed on site is due to an offsite source. A drinking water well survey was performed by the consultant in February 2005 to investigate potential users of the groundwater immediately downgradient of the Property. Three drinking water wells were identified along the west side of Bering Street just north of 30th Avenue. The Property encompasses an area approximately 258,126 square feet and consists of 36 individual trailer court lots with 34 contiguous and 2 non-contiguous lots.

~ The Office File ID is the DEC file identification number

* Narrative taken directly from DEC summary statement in the on-line database. This summary may not fully describe the nature of the environmental concern and/or potential risk to human health, safety, welfare, or the environment

TABLE 5
SUMMARY OF HISTORICAL REVIEW

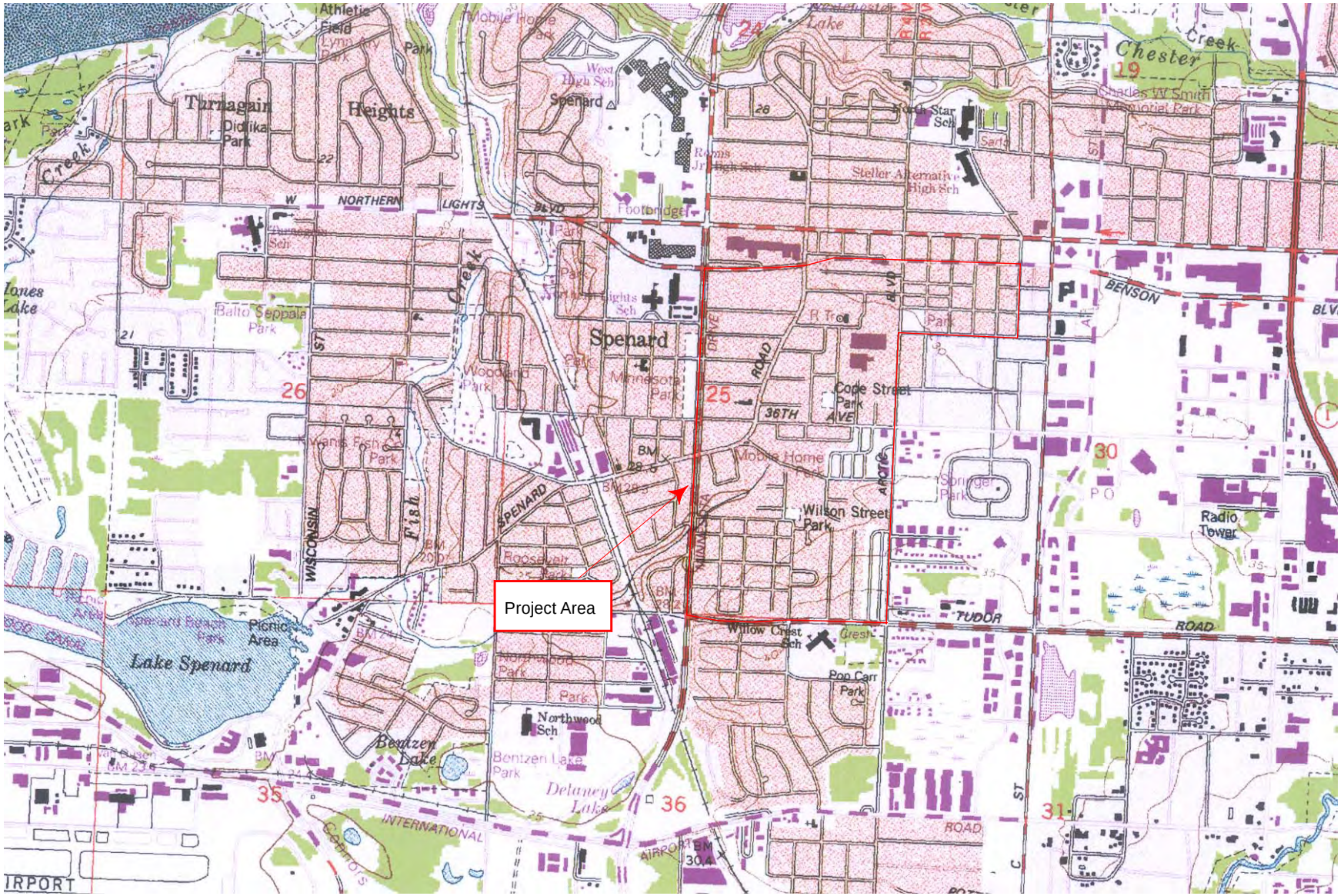
Project Parcel Number (see Figure 4)	Street Address	Facility Name	Potential Environmental Concern					
			Current or Former Land Use of Interest	Drinking Water Well	Asbestos Containing Materials*	Heating Oil Tanks**	Active DEC-listed site	Closed DEC-listed site
1~	3510 Spenard Road	Cook Inlet Housing Authority Main Office	Former trailer court			X		
2~	1501 West 36th Avenue	Cook Inlet Housing Authority Annex				X		
3~	3502 Spenard Road	Anchorage Love Church			X	X		
4~	3400 Spenard Road	Farr Building (office structure)			X			
5~	3604/3608 Spenard Road	Vacant structure (former gentleman's club)	Former auto repair facility		X	X		
6~	1204, 1206, and 1208 Wilshire	Residential structures			X	X		
7~	3607 and 3609/3610 Spenard Road	Alpina Auto Repair and various businesses	Former fuel filling station, current auto repair facility	X	X	X	LUST	
8~	909/1003 Chugach Way	Kathy O and L & L Trailer Courts	Trailer court	X		X		CS
9~	Various	Multiple Trailer Courts		X		X	X^	
10	Benson and Arctic Boulevard	South Park Trailer Court				X	CS	
11	3103 Spenard Road	Alano Club of Anchorage				X		CS
12	4100 Arctic Boulevard	AFSC Former Cross-town pipeline	Fuel distribution system				CS	
13	1311 West 40th Avenue	Former Auto Repair Shop	Former auto repair facility		X	X		CS
14	1401 West 33rd Avenue	Ed Young			X	X		LUST
15	3000 Arctic Boulevard	MOA AWWU Anchorage Headquarters			X	X	LUST	
16	1400 West Benson Boulevard	Former New York Life Building				X		LUST
17	1500 West Benson Boulevard	Former National Bank of Alaska				X		LUST
18	3000 Spenard Road	Enstar Spenard Road Site			X	X		LUST
19	3002 Spenard Road	Enstar Warehouse			X	X		LUST
20	3304 Spenard Road	Texaco Service Station 65-057-0024	Former fuel filling station		X	X	LUST	
21	3704 Wilson Street	Gull's Inc.		X	X	X		UST
22	3600 Arctic Boulevard	America Rents, Inc.			X	X		UST
23	3330 Arctic Boulevard	3300-40 Arctic Boulevard Corp				X		UST
24	3202 Arctic Boulevard	J.C. Penney's			X	X		UST
25	1503 West 33rd Avenue	Office Building			X	X		UST
26	2901 Spenard Road	Alaska Cleaners Inc.	Former dry cleaning facility			X		
27	2906 Spenard Road	Spenard Washeteria	Former dry cleaning facility			X		
28	3611 Spenard Road	Formerly listed as Queens Dry Cleaning. Currenlty occupied by Hansen Transmission	Former dry cleaning facility, current auto repair facility with drum storage and surface stains		X	X		
29	3203 Spenard Road	Alaska Farm Home Chemicals	Former chemical storage			X		

See Table 5 page 2 for notes.

TABLE 5
SUMMARY OF HISTORICAL REVIEW

Project Parcel Number (see Figure 4)	Street Address	Facility Name	Potential Environmental Concern					
			Current or Former Land Use of Interest	Drinking Water Well	Asbestos Containing Materials*	Heating Oil Tanks**	Active DEC-listed site	Closed DEC-listed site
30	3603 Spenard Road	Formerly Spenard Auto Supply	Former auto repair facility			X		
31	3200 Spenard Road	Fomerly Auto Parts Service of Alaska	Former chemical storage			X		
32	3507 Spenard Road	Formerly Spenard Bendix Launderall	Potential former dry cleaning facility			X		

Notes:
~Project parcel numbers 1-9 are parcels of interest as identified by CIHA.
* Potential for asbestos-containing materials is based on buildings constructed prior to 1978. Note this list is not comprehensive of all potential structures with ACMs shown on Figures 5a and 5b, but instead represents the potential for ACMs on identified parcels of interest.
** Potential for heating oil tanks is based on structures predating natural gas services using aerial photographs and ENSTAR records. Note this list is not comprehensive of all potential heating oil tanks shown on Figure but instead represents the potential for heating oil tanks on identified parcels of interest.
^ = Note that not all trailer courts within the project area are DEC-listed sites.
LUST = Leaking Underground Storage Tank
CS = Contaminated Site



Elevation in Meters
Contour Interval 5 Meters
Taken from Anchorage A-8 NW
U.S. Geological Survey Quadrangle (1994)

Spenard Road Development Area
Anchorage, Alaska

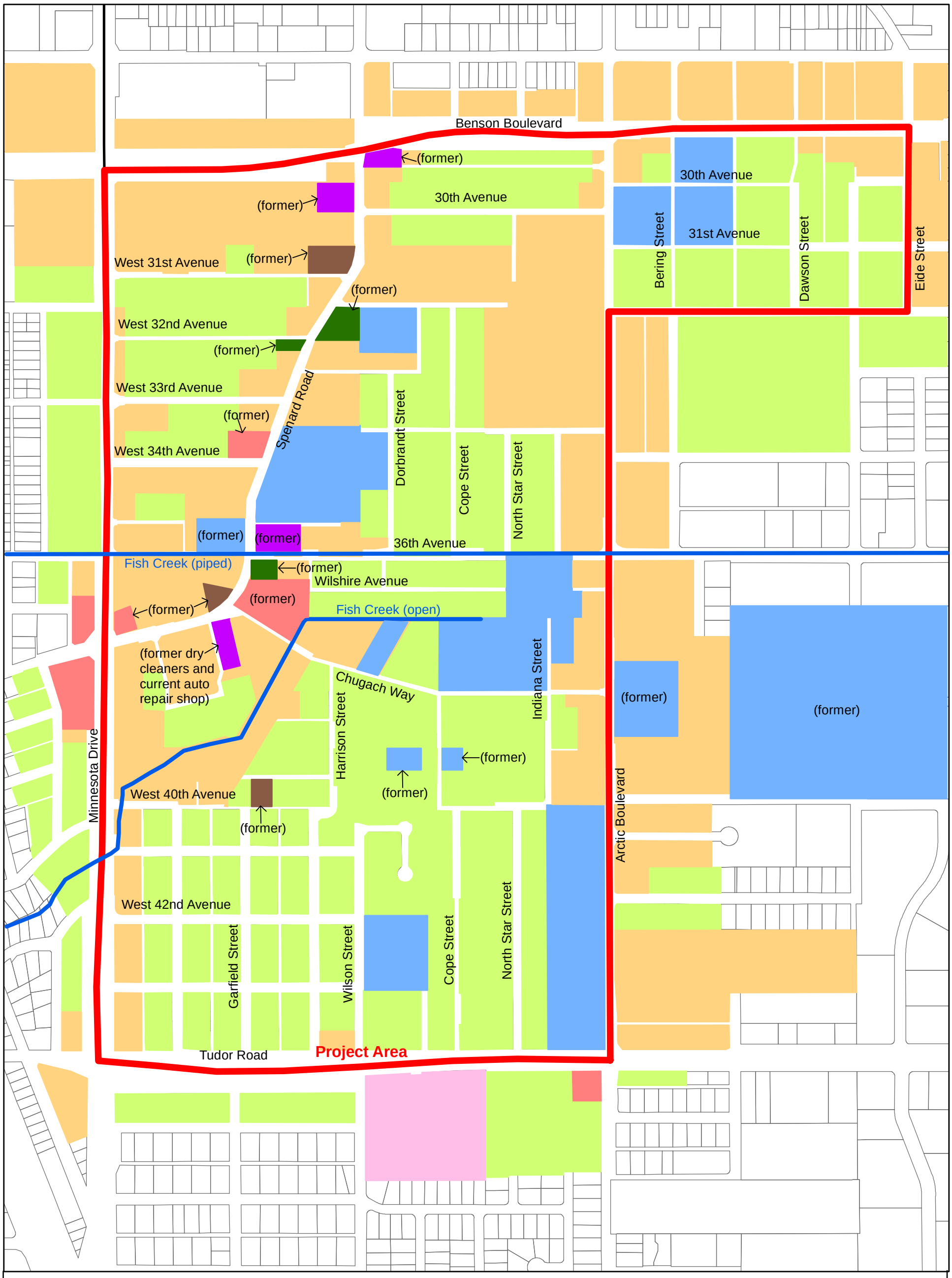
VICINITY MAP

June 2014

32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Fig. 1



LEGEND

Property use based on the 2012 aerial photograph and confirmed during the October 2013 site visit

- Project area
- Commercial property
- Residential property
- Trailer court
- Fueling service station
- Dry cleaning facility
- Auto repair facility
- School
- Chemical storage facility (fertilizer, auto supply, etc.)

0 250 500 1,000 Feet

N

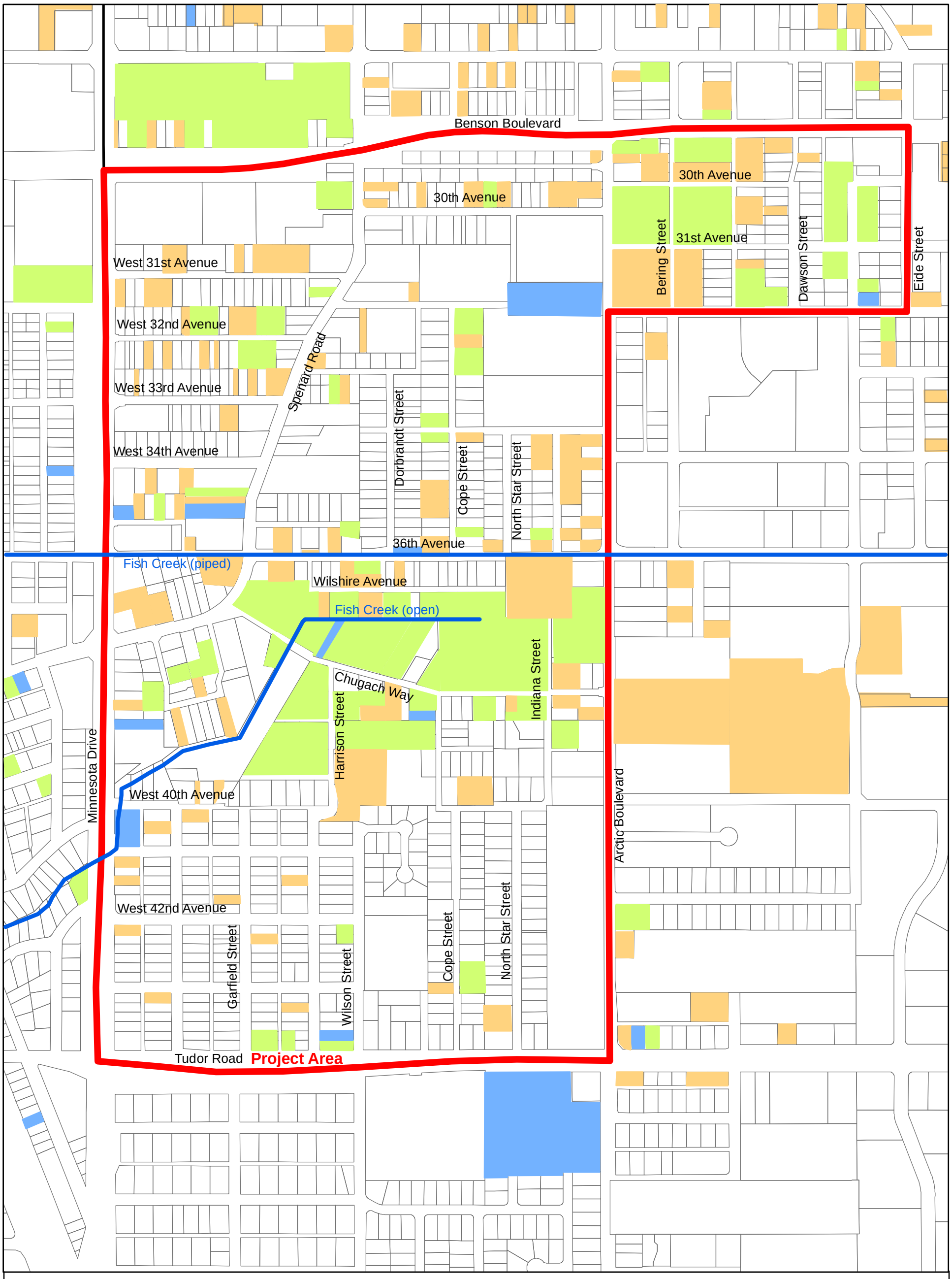
Spenard Road Development Area
Anchorage, Alaska

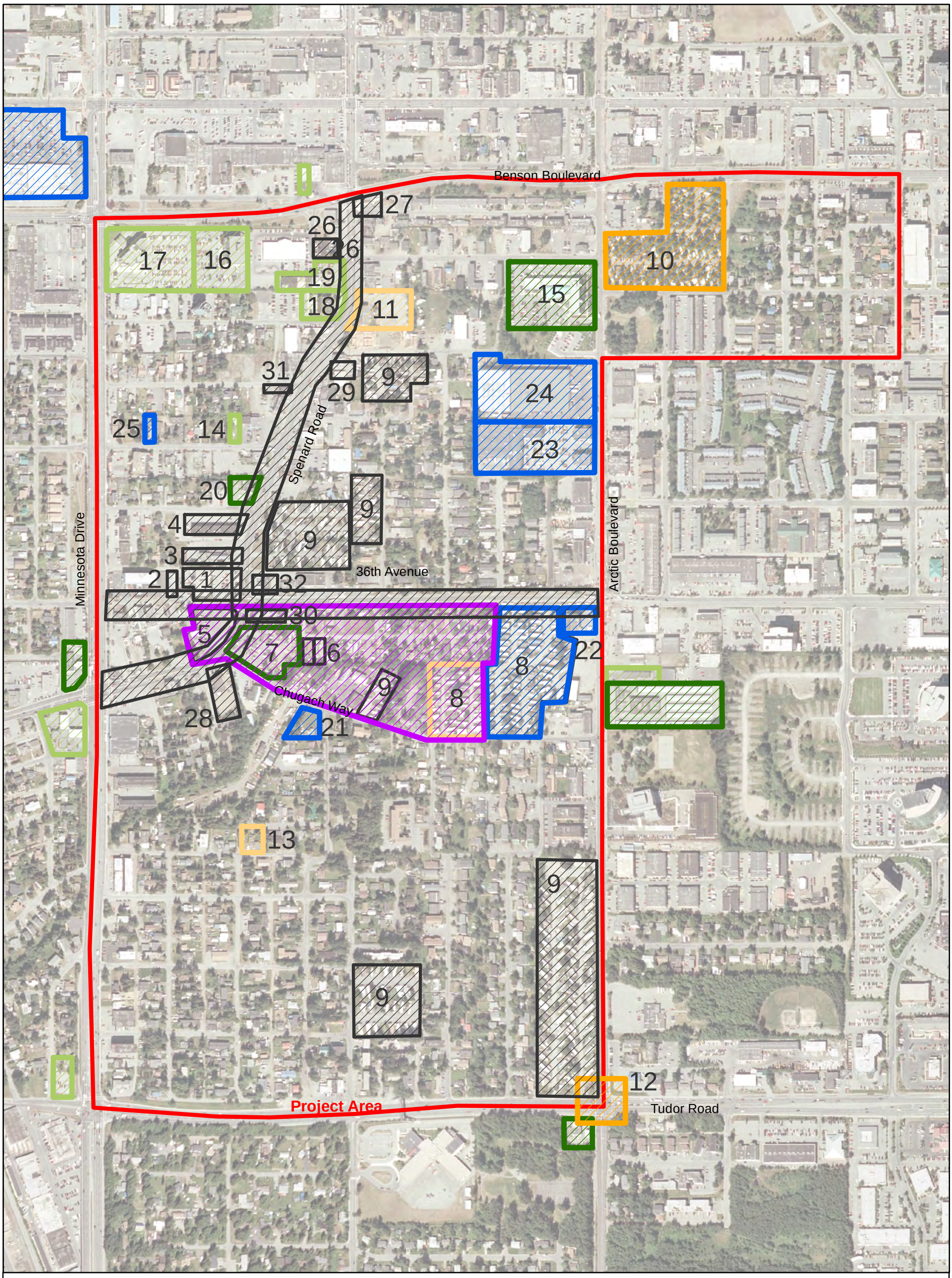
SITE PLAN - CURRENT PROPERTY USE

June 2014 32-1-17592

SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

Fig. 2


Benson Boulevard
30th Avenue
West 31st Avenue
West 32nd Avenue
West 33rd Avenue
West 34th Avenue
Spenard Road
Dorbrandt Street
Cope Street
North Star Street
36th Avenue
Fish Creek (piped)
Wilshire Avenue
Fish Creek (open)
Chugach Way
Harrison Street
Indiana Street
Minnesota Drive
West 40th Avenue
West 42nd Avenue
Garfield Street
Wilson Street
Tudor Road
Project Area
30th Avenue
31st Avenue
Bering Street
Dawson Street
Eide Street
Arctic Boulevard
LEGEND
Project area
Not connected to water and sewer
Not connected to water
Not connected to sewer
Note: Parcels not shaded are connected to city water and sewer
Base map provided by Alaska Water & Wastewater on February 20, 2014.
0
250
500
1,000
Feet
N
Spenard Road Development Area
Anchorage, Alaska
PARCELS NOT CONNECTED TO
PUBLIC WATER AND/OR SEWER
June 2014
32-1-17592
SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
Fig. 3



Legend

- Project Area
- DEC Registered UST Site
- DEC Active LUST Site
- DEC Closed LUST Site
- DEC Active Contaminated Site
- DEC Closed Contaminated Site
- Parcels and/or corridors of interest as identified by CIHA
- Focused area of interest as identified by CIHA and targeted for aerial photograph review
- 1 DEC-listed site or area of interest as identified by CIHA. See Table 5 for details.

0 250 500 1,000 Feet

N

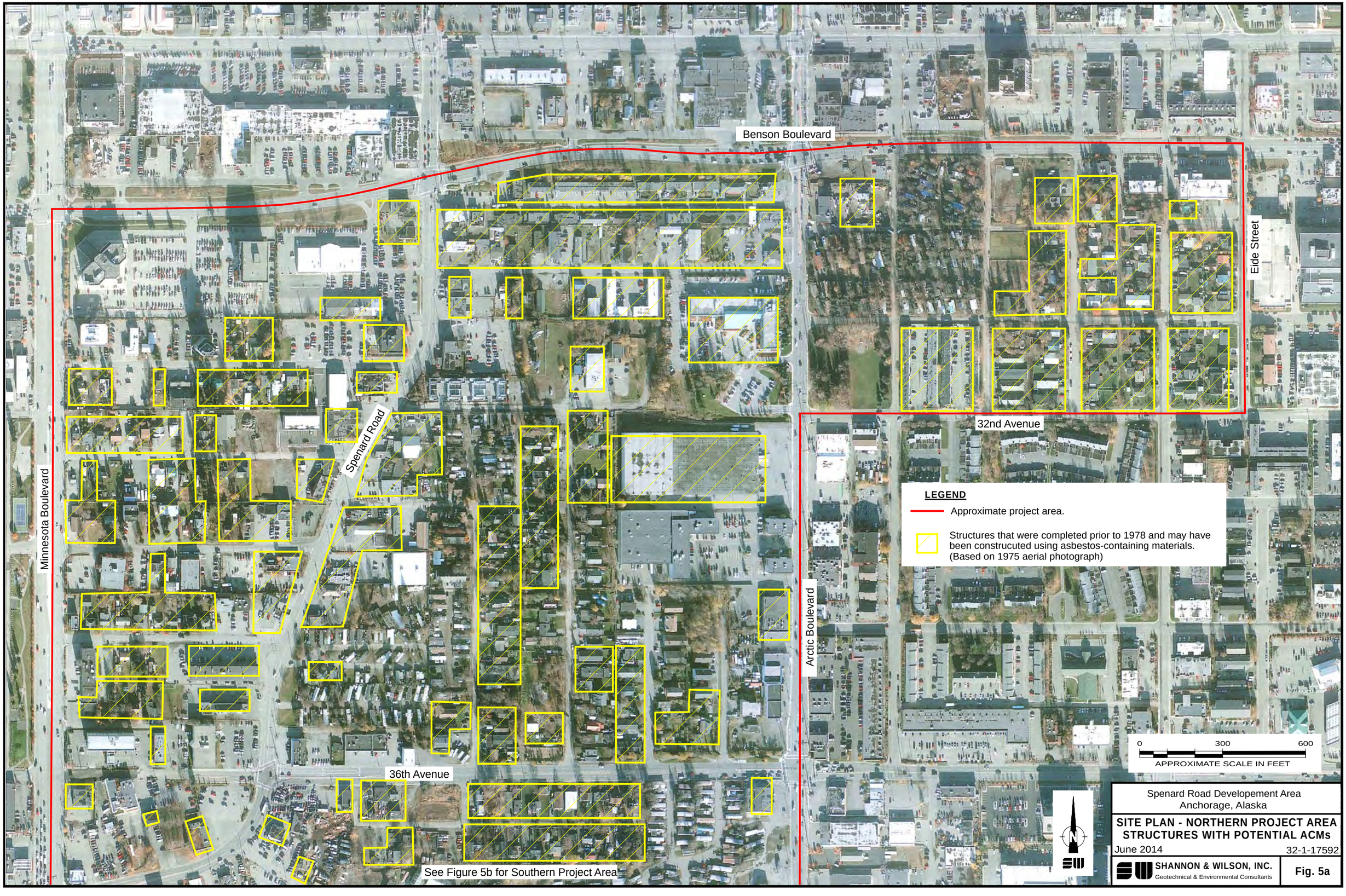
Spenard Road Development Area
Anchorage, Alaska

SITE PLAN - KNOWN OR DEC-LISTED CONTAMINATED SITES AND PARCELS OF INTEREST

June 2014 32-1-17592

SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

Fig. 4



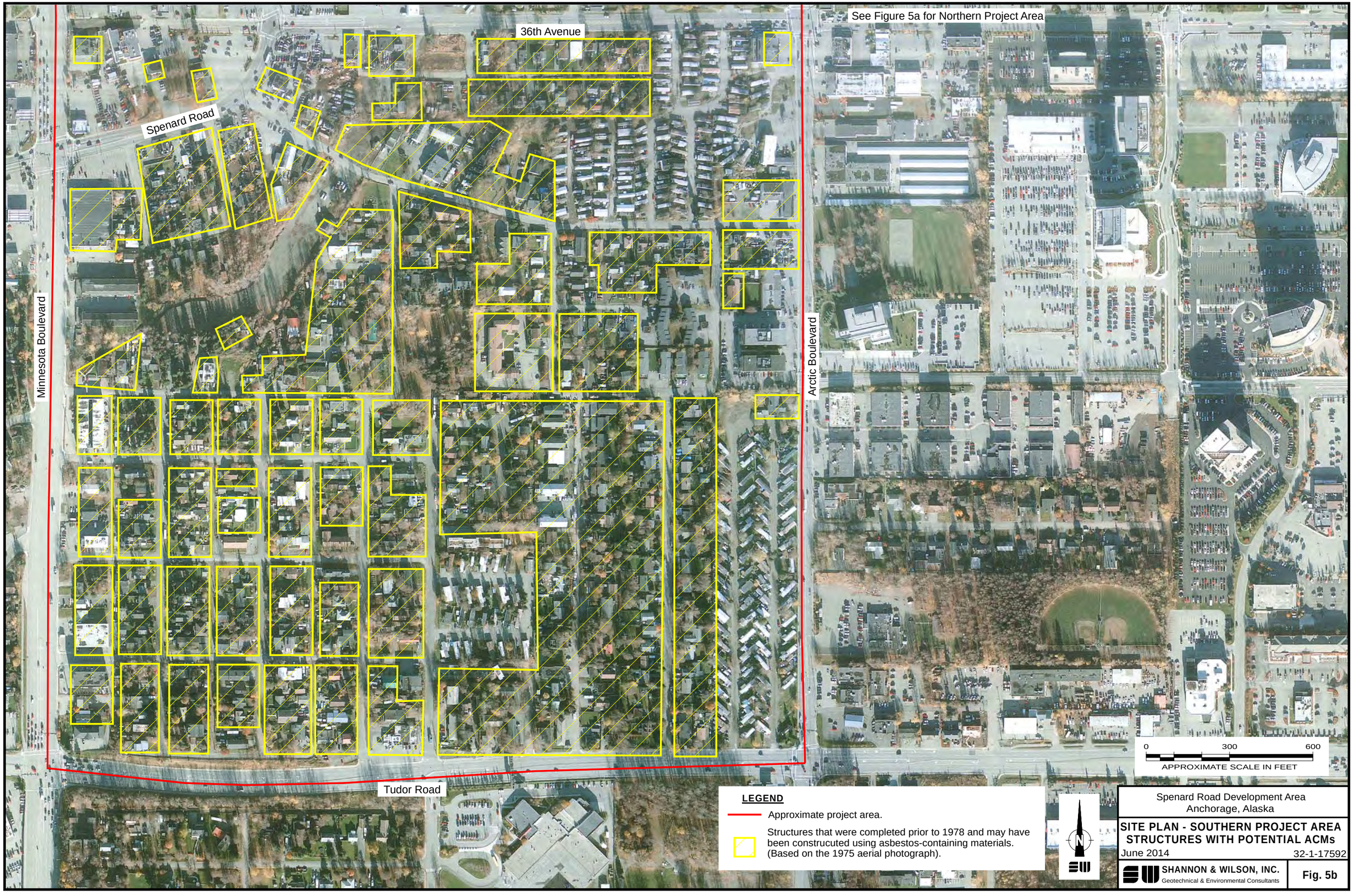
Spenard Road Developement Area
Anchorage, Alaska

SITE PLAN - NORTHERN PROJECT AREA STRUCTURES WITH POTENTIAL ACMs

June 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Fig. 5a



Spenard Road Development Area
Anchorage, Alaska

SITE PLAN - SOUTHERN PROJECT AREA STRUCTURES WITH POTENTIAL ACMs

June 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Fig. 5b

Benson Boulevard

Eide Street

32nd Avenue

Spenard Road

Minnesota Boulevard

36th Avenue

See Figure 6b for Southern Project Area

LEGEND

Approximate project area.

Parcels with current or fomer structures completed prior to the availibilty of natural gas services. Note that it is possible that these strucutres may have utilized heating oil stored in underground storage tanks.
(Based on 1950 and 1960 aerial photographs)

0 300 600

APPROXIMATE SCALE IN FEET

N

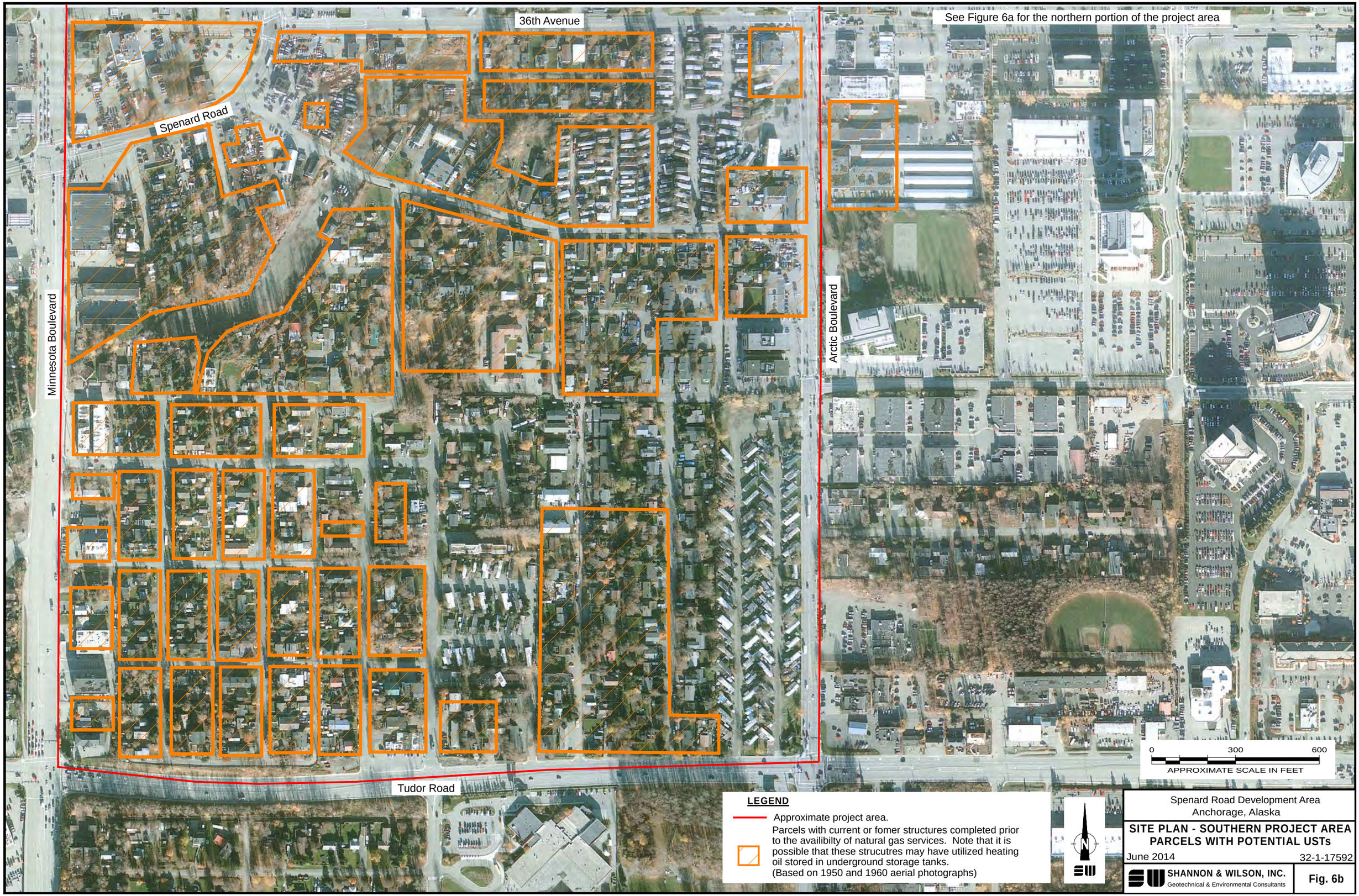
Spenard Road Development Area
Anchorage, Alaska

SITE PLAN - NORTHERN PROJECT AREA
PARCELS WITH POTENTIAL USTs

June 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Fig. 6a



Spenard Road Development Area
Anchorage, Alaska

SITE PLAN - SOUTHERN PROJECT AREA PARCELS WITH POTENTIAL USTs

June 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Fig. 6b

APPENDIX A

DEC BROWNFIELD ASSESSMENT OR CLEANUP REQUEST FORM

DEC's Reuse & Redevelopment Program

DEC Brownfield Assessment or Cleanup Request Form – 2013

General Requirements: For this year's DEC Brownfield Assessment and Cleanup (DBAC) requests, we suggest submitting a site that has had prior assessment activities and now requires further site characterization or cleanup. **The site should also be one for which the community has solid reuse or redevelopment plans and for which they have explored funding opportunities for the intended reuse.** For a list of previous DEC Brownfield Assessment project sites in your area, please contact us.

The deadline for receipt of requests is February 28, 2013.

Site Name: **Spenard Revitalization Area Assessment, Anchorage AK**

Submitted by: **Tyler Robinson, Cook Inlet Housing Authority**

A. THRESHOLD CRITERIA: The following must be TRUE:

1. This site **IS NOT** federally or state owned.

2. To our knowledge, this site or facility **HAS NOT** received funding for remediation from the Leaking Underground Storage Tank (LUST) Trust Fund.

3. The Applicant/Organization requesting this service **IS NOT directly** responsible for causing the potential contamination.

4. The Owner of the property is not directly responsible for causing the potential contamination, **OR** the Owner has no financial capacity to properly address the assessment or cleanup of the site.

5. There is a documented reuse or redevelopment plan for the site that is described in this request. (Documented means that it is in a resolution, business plan, or economic development plan, or that funding for reuse is actively being sought and can be documented).

If any of the above statements is NOT TRUE, your site is probably not eligible for brownfield services. If you have questions or concerns, please call us to discuss them.

B. UNRANKED CRITERIA

1. To the best of your knowledge, is the Owner of the property in question:

☐ Private ☐ City/Public ☐ Native Corp. ☐ Tribe

2. Known or suspected contaminant(s) at the site (check one):

☐ Hazardous Substances ☐ Petroleum Only ☐ Hazardous Substances and Petroleum

3. Is this site currently listed on DEC's *Contaminated Sites* database?

☐ Yes ☐ No If Yes, please list the DEC file number here:

4. Is this site referred to by any other name?

☐ Yes ☐ No ☐ Unknown If Yes, please provide name(s) here:

C. RANKING CRITERIA

The following ranking criteria will be used to prioritize and select one to three projects for our fiscal year 2014 funding (FY14 begins July 1, 2013). The number of sites selected depends on our actual FY14 funding amount. The project must provide a definite benefit to the community, and we must be able to cover the needed scope of work with our available funding. Each of these questions must have a response in order for your request to be considered.

1. Project Summary

Explain *in your own words* what you are hoping to gain through this effort; i.e., what would you like to see *in place* of the site for which you are requesting assessment or cleanup, and how will this project help you achieve your goals for the site?

Cook Inlet Housing Authority (CIHA) is seeking an areawide DBA for the Spenard area in Midtown Anchorage. A similar study was performed along the Mountain View Drive corridor several years ago, and the study proved helpful during extensive redevelopment efforts in the neighborhood, which ultimately has resulted in $84.4 million in residential redevelopment, with additional private and public investments including a school, library, credit union, and transportation infrastructure.

CIHA has begun to engage in redevelopment work in Spenard, including on the known contaminated PJ and Alpina sites. The Alpina site (3507 and 3509 Spenard) was the subject site for a site specific DBA received in 2012. Along with the PJ's site (3604 Spenard) and several lots to the east of PJ's, CIHA has proposed a $26 million redevelopment for mixed-use retail and housing, most of it affordable housing.

This request seeks to expand preliminary knowledge of brownfields in the Spenard area as CIHA and others explore development and revitalization opportunities. CIHA has invested in the area of 36th and Spenard (current main office and Annex building) and has plans for additional redevelopment. CIHA has also been in contact with the owners of Kathy O's trailer park, who intend to redevelop the area along 36th and Arctic. The following sites are highlighted on the enclosed map:

- 3510 Spenard: CIHA main office
- 1501 W. 36th Ave: CIHA Annex building
- 3502 Spenard: Church purchased by CIHA for redevelopment
- 3400 Spenard: Office for sale; likely to be renovated
- 3604 Spenard: PJ's site purchased by CIHA for redevelopment
- Wilshire properties: Purchased or targeted by CIHA for redevelopment
- 3607 and 3609 Spenard: CIHA under contract to assess and redevelop this brownfield site
- Kathy O's and L & L Trailer Park: Owner intends to redevelop the site

The areawide DBA request is for the area bounded by Minnesota to the west, Benson to the North, Arctic to the east, and Tudor to the south (see map). This area covers the "middle section" of the Spenard Road corridor and is characterized by a number of deteriorated commercial and industrial properties; Spenard Road also represents a lot of development potential for commercial, residential, or mixed-use. Internal to the main arterial roads is a mix of mostly low intensity residential uses, some mobile home parks, old residential homes, and small commercial developments. It is a mix of commercial and residential zoning and is very close to Anchorage's largest employment center of midtown.

If funding allows, the area could be expanded to include the small area east of Arctic to Eide St, with Benson to the North and 32nd to the south. The property owner of the South Park Estates mobile home park has indicated a desire to redevelop and/or sell his property.

The purpose of the assessment would be to get a preliminary sense of the known contaminated sites in the area as well as other potential environmental hazards (e.g. USTs). The Phase 1 on the PJ's site indicated that 23 contaminated sites are located within a half mile radius, eight of which were active. This assessment would help CIHA with our own redevelopment in the area, as well as help provide a guide to other private and public investors. The assessment may also serve as backup material to a request by CIHA and at least one other developer partner to designate the area (or a portion of the area) as deteriorated. Such a designation would carry with it tax abatement which would facilitate the redevelopment of the area.

The mobile home parks in the area are shown in the attached map and are characterized by very old trailers (pre-HUD code, with an average age over 40 years) and infrastructure that likely needs replacing. Given their condition, surrounding land uses, and conversations with owners, these parks are likely to change use during likely future redevelopment.

2. Applicant/Owner

a. Applicant - Who is applying for this service? Provide the name and address of the **organization** applying for the DBAC service, the name of the contact person, email, telephone, and fax numbers. If Applicant is Village IGAP staff OR Tribal Response Program staff, please provide the **name of your EPA Project Officer**.

Cook Inlet Housing Authority
Jeff Judd, Executive VP, Real Estate
3510 Spenard Road, Suite 100
Anchorage, AK 99503
Phone: 907-793-3021
Fax: 907-793-3070
Email: jjudd@cookinlethousing.org

Alternative Contact:

Tyler Robinson
Senior Manager Development Finance
Phone: 907-793-3721
Email: trobinson@cookinlethousing.org

b. Property Owner - The owner of the property must allow DEC access to the site. If the applicant is different from the owner, attach *written consent* for access from the owner. (*Note: the applicant must be able to secure access for DEC and its contractors to conduct the assessment or cleanup.*)

As an areawide request, this section is not applicable. However, should DEC desire access to specific sites, CIHA is pleased to act as an intermediary to contact property owners for permission. CIHA has had contact with owners of several mobile home parks in the area that desire to redevelop; these owners are likely amenable to requests related to the areawide assessment.

3. Project Team

We ask that you form a project team (three or more individuals or organizations) to ensure continuity beyond this effort and coordination for success of the overall project. Attach a letter of support from each team member. (Team members may include: city or village government representatives, city or tribal council members, village or regional corporation representatives, environmental managers, elders or other community leaders, local non-profit or community development organizations, and other interested parties.) List team members, the organizations they represent, and their contact information below.

Cook Inlet Housing Authority – Lead
Jeff Judd, Executive VP, Real Estate
3510 Spenard Road, Suite 100
Anchorage, AK 99503
Phone: 907-793-3021
Fax: 907-793-3070
Email: jjudd@cookinlethousing.org

Spenard Chamber of Commerce
Barbara Smart, President
PO Box 92286
Anchorage, AK 9959-2286
Email: chamber@spenard.biz
The Chamber supports CIHA efforts at PJ's and Alpina.

Spenard Community Council
President Jim Bowers
Email: spenardcc@gmail.com
The council supports CIHA's efforts at PJ's and Alpina and has supported previous brownfield grant requests.

Anchorage Community Development Authority
Ron Pollock, Executive Director
245 W 5th Avenue, Suite 122
Anchorage, AK
Phone: 907-276-7275
ACDA supports CIHA's brownfield redevelopment efforts at 36th and Spenard.

4. Site Information

a. Current Site Condition and Use - Provide the common name of the site, address, approximate acreage, zoning, and types of buildings. Please attach a site map or aerial photograph showing the site's location in the community and adjacent land use. Identify on the map or aerial photo any areas of known or suspected contamination (for Question 5). Identify approximate property boundaries.

The requested boundary for the DBA request is the area bounded by Minnesota to the west, Benson to the North, Arctic to the east, and Tudor to the south with the possibility to include the area east of Arctic to Eide St, with Benson to the North and 32nd to the south (see map).

b. Historical Site Use - Describe, to the best of your ability, the previous known uses of the site, and when the different activities occurred. Summarize any historic or cultural significance of the property. Identify when and how the site became or may have become contaminated, with what substance(s), and where any contamination is likely to be found.

The PJ's Phase 1 Report indicated that at least 8 active contaminated sites are located within a half mile of the property. One of those is the Alpina site, which is currently undergoing an additional DBAC assessment. The purpose of this request is to catalog known contaminated sites in the target area. The uses are a mix of residential (mobile home parks, single family, and small multi-family structures), small commercial and light industrial uses. Most buildings were developed in the 1950s through 1970s.

c. Reason for Concern - What is the reason for concern? Please discuss community concerns in general, and identify any specific problems if possible.

As indicated, the area has a number of known contaminated sites. Additionally, any new development will likely need to replace existing infrastructure such as roads, water/sewer, and storm sewer. We believe the presence of brownfields is one of the reasons development has lagged in this area.

5. Project Scoping Information

a. Findings from Past Environmental Assessments - Has the site had previous assessment activities?

☒ No ☐ DBA ☐ Targeted Brownfield Assessment (TBA) ☐ Other_____

Please describe any previous environmental work that you are aware of, such as site assessments or cleanup activities. It will be important that we have all documents and information if not already available in our files. Please attach copies of executive summaries or summary and conclusions sections from any past reports. (If a DBAC service is approved for your project, complete copies of previous reports must be made available if not already in DEC files.)

DEC has funded a DBA for the Alpina site; additional assessment is ongoing. We believe DEC has received a copy of the Phase 1 for the PJ's site as well. However, no areawide assessment has been completed.

b. Project Need - Describe to the best of your ability what your project team believes are the needed environmental assessment or cleanup activities, and what result you would like to see from this project. Include any constraints as to when this work must be completed (e.g., to meet construction timeline, property transaction pending, etc.).

A general area assessment, similar to what was done in Mountain View several years ago, would help provide a foundation for broader brownfield redevelopment in this part of Spenard and Midtown Anchorage. The presence of brownfields, along with deteriorated properties and substandard infrastructure, is an impediment to reinvestment in this area. This is despite the fact that there is a land shortage in Anchorage for urban development.

Such an assessment could help provide some foundation for a request to the Anchorage Assembly to designate the area as "deteriorated," identify some of the known obstacles to redevelopment, and

highlight opportunities for residential and commercial growth. As a general assessment, there is no set timeline, though CIHA is actively pursuing acquisition opportunities in the neighborhood.

6. Community Planning and Reuse

a. Reuse or Redevelopment Plans - It is critical that any brownfield project have an *end use* in mind that the requested assessment/cleanup effort will clearly help make possible. Please describe the reuse or redevelopment plan that this proposed work is meant to facilitate. Reuse goals can include: new construction, redevelopment using existing infrastructure, creation of recreation areas, preservation of green space, enhancement of sustainable subsistence habitat, etc.

CIHA is focused on several redevelopment plans. The first is a redevelopment area that includes the Alpina property, 10-14 residential lots to the east, and the former PJ's club across Spenard. CIHA has plans to develop new construction at these sites, with a combination of mixed use buildings and new residential development likely in the form of duplexes or townhouses.

CIHA has also recently purchased the church to the north of our office at 3502 Spenard and is under contract to purchase the 3400 Spenard office building to upgrade and/or build new commercial office in the area. CIHA is also looking at other scattered sites in the neighborhood for housing development, and has heard from a number of other developers that have inquired about redeveloping commercial or mixed use developments.

The following bullets summarize past CIHA developments. Our planned redevelopments will be designed specifically for these sites and for Spenard, but will be similar in quality, energy efficiency, and mix of building types as described below (photos are available upon request):

- Park Place Village and the Lofts, two developments at Mountain View Drive and Park in Mountain View. Both are mixed use buildings with a combination of retail on the ground floor and affordable apartments on the second and third floors. The Lofts is located on the site of the former Wizard Wash site, a brownfield.

- Grass Creek Village contains 80 units of mixed income (affordable and market rate) townhouse style apartments in east Anchorage on the site of a former mobile home park. Redevelopment of the site also included the realignment of Chester Creek and commercial development in what was identified in Anchorage 2020 as a Town Center site.

- Single family homes in Mountain View. CIHA has built single family homes in a variety of styles and sizes both for affordable homeownership and as part of our affordable rental portfolio. In all, CIHA has demolished 142 structures in the neighborhood and redeveloped 149 parcels in the neighborhood, which along with units built on vacant lots, has resulted in the production of 232 units.

- Mountain View duplexes. Three versions of these duplexes were designed and built on twenty one different sites in Mountain View. The duplexes were built under two different funding programs, the Neighborhood Stabilization Program, part of the Housing and Economic Recovery Act of 2008 and the Low Income Housing Tax Credit (LIHTC) program. A majority of these sites contained existing, substandard homes that were demolished.

- Loussac Place. Located in midtown Anchorage, Loussac Place is a 120 unit mixed income townhome apartment development that replaced 62 former public housing units. The development also includes a community building and a variety of building styles; Loussac Place is a $35 million redevelopment with a variety of federal, state, and local funding sources.

We have attached resolutions or letters supporting our efforts at 36th and Spenard. Those include the Spenard Chamber of Commerce, Spenard Community Council, and the Anchorage Community Development Association. The State of Alaska supported the acquisition of the Alpina project with a $1.9M grant.

b. Documentation of Reuse Planning - Please attach any documentation referencing resolutions, business planning, community planning, a proposal for grant funding, or loan applications, that helps support the vision for the reuse or redevelopment of the property in question. Examples may include documentation of public meetings been held specifically to discuss the reuse interests in the site, or a resolution passed by the city or tribal council showing support for the redevelopment.

Yes, CIHA staff has attended several meetings of the Spenard Community Council to discuss redevelopment plans with the community. We have attached a resolution passed by the Spenard Community Council dated March 7, 2012, in which the council provided support for CIHA's request for funding to acquire the Alpina site. The resolution specifically highlights the goal of remediating contaminated properties as part of the overall redevelopment. The council has also previously supported CIHA efforts to apply for general brownfields grant funding to assess brownfields in the neighborhood.

Resolutions and letters are included from Spenard Chamber of Commerce, Spenard Community Council, and the Anchorage Community Development Authority.

The 36th and Spenard project has also received the support of the State of Alaska during last year's legislative session. CIHA received $1.9M from the State Capital Budget for acquisition of the Alpina property.

c. Other Community Plans or Projects - It is helpful to know if other work is being planned or underway in your community that may help assist in this effort, such as available equipment or other resources. Describe any other community projects that may be scheduled or pending, such as: water and sewer upgrades, a new landfill, road or airport construction, a new school or addition, fuel-storage tank farm upgrades or relocations, new housing, or construction/refurbishment/relocation of other facilities.

Several other planning efforts are underway that will eventually support CIHA's development plans. First, Spenard Road itself has been undergoing design alternatives for several years. Due to the limited Right of Way in the corridor the design has been controversial; however, the need for enhanced safety, pedestrian amenities, and streetscape improvements will eventually result in a redesigned road corridor. Current plans are for the section of Spenard between Benson and Hillcrest (north), but following that design the section of road down through 36th will be targeted. The hope is that this eventual public improvement will be coordinated with redevelopment plans.

The West Anchorage District Plan (WADP) is an implementation plan of Anchorage 2020, Anchorage's comprehensive plan. The WADP was adopted as an element of the comprehensive plan in 2012. The WADP recommends Spenard to be identified with Town Center and Commercial

Corridor land use designation. The proposed CIHA developments are consistent with this designation.

In addition, the WADP recommends an additional planning effort with a focus on a Spenard Strategic Planning Area, which details a variety of challenges and opportunities in the district. CIHA's plans are consistent with overcoming these challenges and implementing a vision of Spenard that is desired by the Municipality.

7. Public Involvement

a. Public Benefit - Referring to 6(a) above, briefly describe how your proposed reuse or redevelopment plans for the property will provide a benefit to the public. Why is this important to your community? Some things to consider: creation of jobs, preservation of historically or culturally significant property, location for community activities or educational purposes, preservation of subsistence habitat, reuse or recycling of materials or infrastructure, cost savings to the community, or increased property values.

The proposed project provides a number of public benefits, including:

- Assessment of on- and off-site contamination
- Remediation of contaminated site affecting the broader neighborhood
- Redevelopment of blighted properties
- Development of new affordable housing (The Municipality recently released its Housing Market Analysis in which it identified a deficiency in compact housing to meet the needs of the Municipality's growth)
- Development of new retail space in emerging commercial corridor
- Act as catalyst for additional private investment
- Increase property values and tax base
- Contribute to reuse of existing infrastructure while also helping to support needed infrastructure upgrades

b. Community Support and Resources - Is the community strongly supportive of this project? Our contractors doing assessment or cleanup work often require local assistance with site visits, setting up interviews with people knowledgeable about the site, lodging, excavation equipment, and local transportation. Describe the community's support for this work *and* any local resources or individuals that are available to assist with the DBAC project work being requested.

Yes, the community is supportive of the 36th and Spenard project and brownfield redevelopment generally. The application contains written support from the Spenard Community Council, the Spenard Chamber of Commerce, ACDA and a local Spenard business. In addition, the project received support in this year's State Capital Budget. CIHA worked with local legislators and the Governor's office to describe the project and garner support. While this support documentation is specific to the 36th and Spenard project, we feel it represents general support for this broader area as well. Finally, the Municipality's adopted West Anchorage District Plan recommends the types of projects and activities proposed here.

CIHA is an experienced developer in Anchorage. We have a proven track record of acquiring, preparing, designing, and redeveloping brownfield sites, including one former service station in Mountain View (the Wizard Wash), which also included a Targeted Brownfield Assessment. In

addition, CIHA's main office is located in the subject area; our experienced planners and project managers will be available to assist in the DBA work.

c. Community Resources for Other Phases of the Revitalization Project - Does the community have financial or other resources for other phases of the project, such as equipment, labor, in-kind services, or funding for cleanup or new construction? Will this DBAC be used to leverage other funding or services for the project? If so, please describe.

CIHA estimates that the overall project at 36th and Spenard will cost $26 million. $1.6 million has already been invested in the immediate area, and a $1.9 million state capital grant has recently been awarded. Additional funds will likely include Low Income Housing Tax Credits, NAHASDA, State of Alaska Supplemental Grant Funds, debt, and additional private sources. The first part of the redevelopment process of acquisition and remediation is in process, and we are confident that the DBAC will greatly assist in leveraging the additional resources needed for full project completion.

Additional development efforts will of course leverage more funding in the area. A new office at 3502 is estimated at $11 million. We fully anticipate a situation similar to Mountain View, where efforts to redevelop housing and commercial in the neighborhood became a catalyst for additional public and private investment. The DBAC is an important step in this overall effort.

DISCLAIMER (FINE PRINT)

The selection of a site for a DBAC in no way implies that DEC accepts liability for any contamination that may exist at the site, nor is DEC responsible for any necessary cleanup of hazardous substances that may be found at the site. Liability for contamination on a property is specifically addressed in Alaska Statute (AS) 46.03.822, which outlines those who are liable for the release of a hazardous substance. The general liability categories include: (1) those with an ownership interest in the property; (2) those in control of the substance at the time of the release; or (3) those who arrange for disposal or transport of the substance.

Brownfield work focuses on clarifying environmental concerns associated with property for which there is no known viable responsible party. By applying for a DEC Brownfield Assessment or Cleanup, it should be clear to all parties associated with a request that the work requested of DEC is designed to identify, clarify, and in some cases, remediate environmental hindrances that currently impede the continued use, proposed use, redevelopment, or sale of a property. Work conducted by DEC may result in identifying a property as a contaminated site, and require the site be listed on DEC's *Contaminated Sites Database*. With listing comes the requirement of potentially responsible and liable parties to address cleanup of contamination in accordance with regulatory requirements.

Submit Completed Forms by February 28, 2013, to:

By email: Sonja.Benson@alaska.gov or
By fax: (907) 451-2155 c/o Sonja Benson

Or by regular mail:

DEC Brownfield Assessments
c/o Sonja Benson
Alaska Department of Environmental Conservation
610 University Avenue
Fairbanks, Alaska 99709

If you have questions, call Sonja Benson at (907) 451-2156, Melinda Brunner at (907) 451-5174, or John Carnahan at (907) 451-2166.

DBAC Request Submittal Checklist

Before submitting your DBAC request form, please check the following items:

1) Did you answer each question?

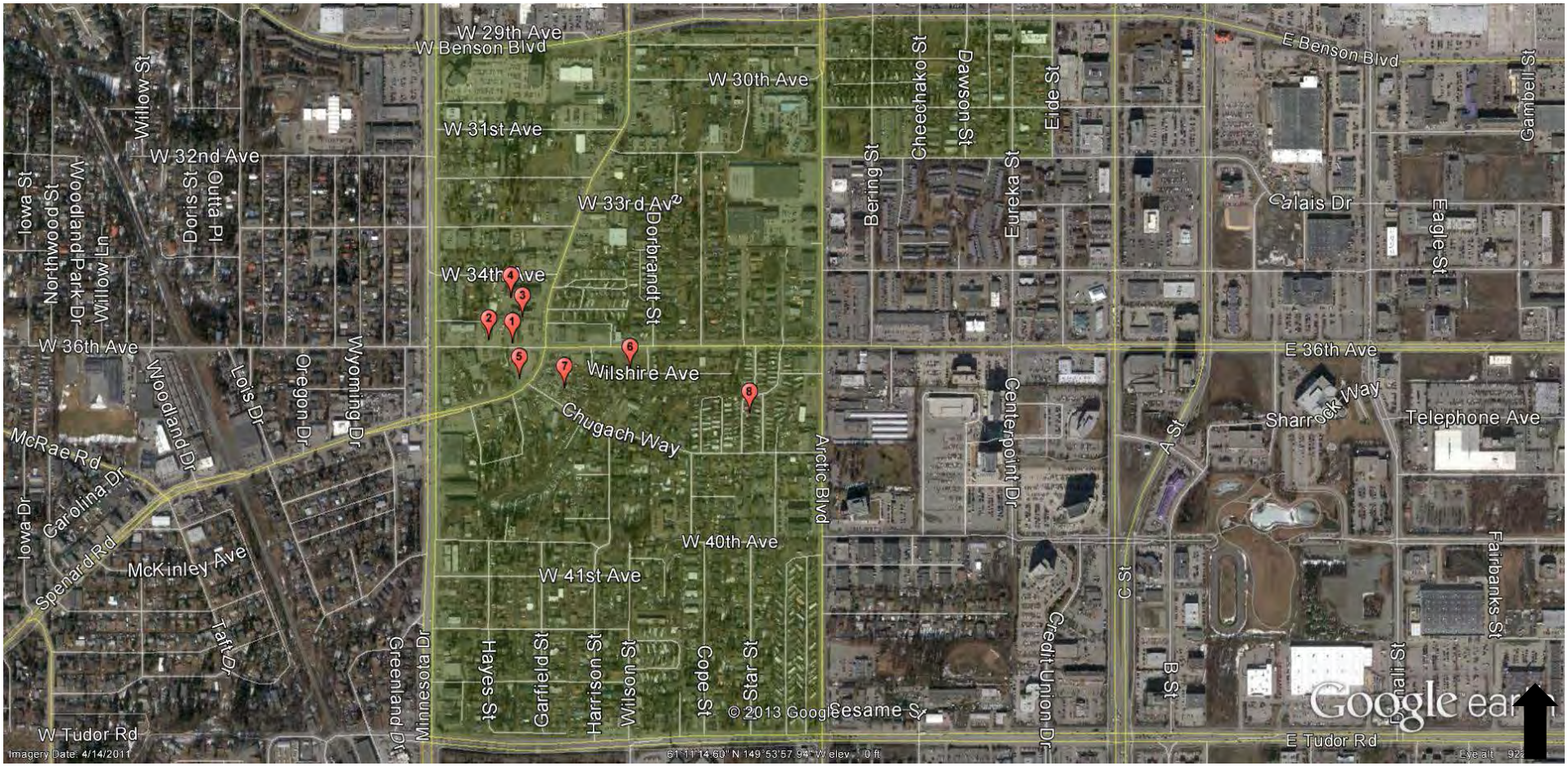
2) Did you attach a letter from the property owner granting access to the site, if the owner is different from the applicant, as described in Question 2.b?

3) Did you attach a letter of support from each team member for Question 3?

4) Did you attach a site map or aerial photograph of the site with the information requested in Question 4.a shown?

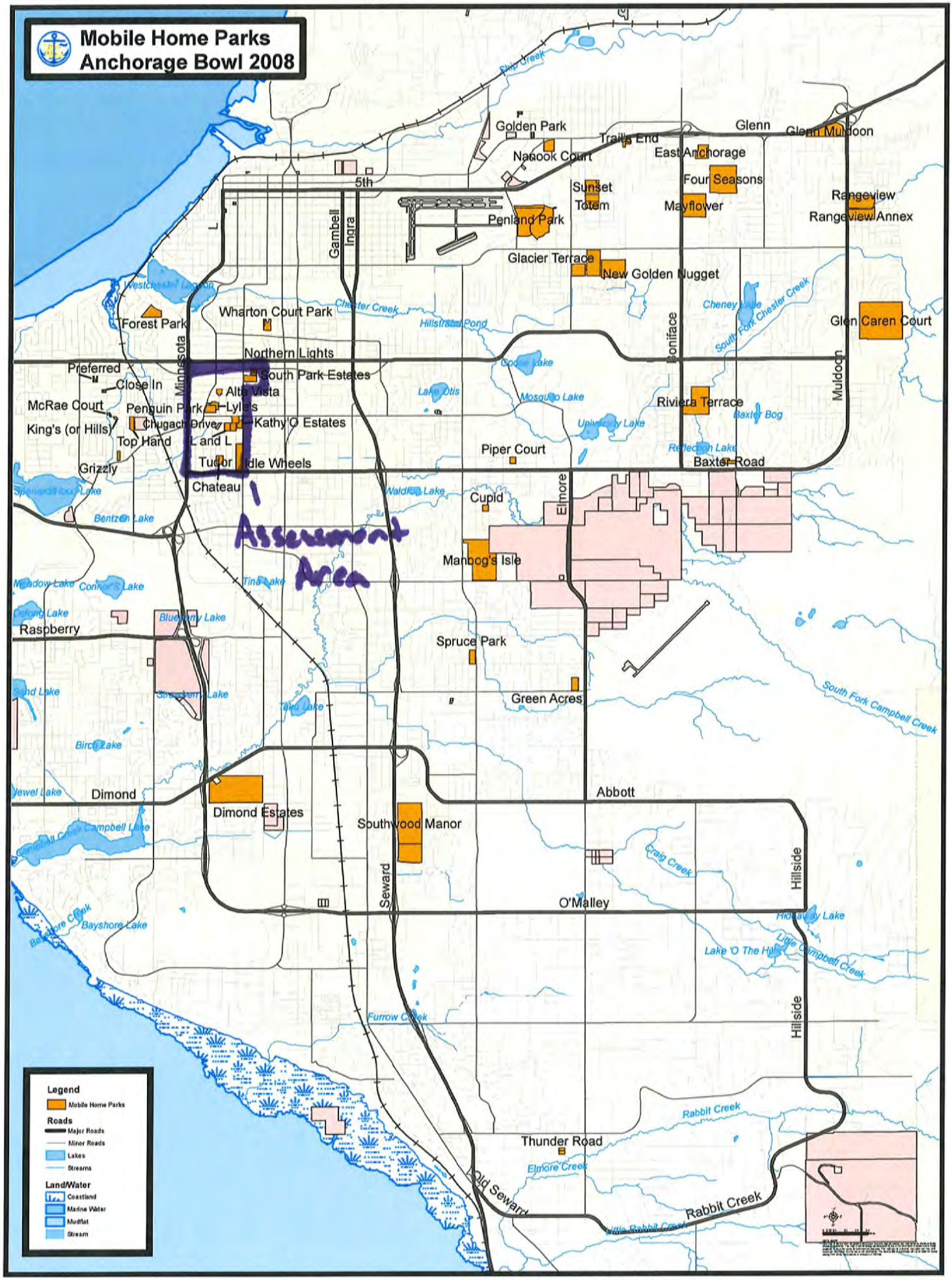
5) Did you attach executive summaries or summary and conclusions sections from any past environmental reports about the site, as described in Question 5?

6) Did you attach documentation of the reuse or redevelopment plans the community has for the site, as described in Question 6.a?



1. 3510 Spenard: CIHA Main Office
2. 1501 W. 36th Ave: CIHA Annex building
3. 3502 Spenard: Church purchased by CIHA for redevelopment
4. 3400 Spenard: Office for sale; likely to be renovated
5. 3604 Spenard: PJ's site purchased by CIHA for redevelopment
6. Wilshire properties: Purchased or targeted by CIHA for redevelopment
7. 3607 and 3609 Spenard: CIHA under contract to assess and redevelop this brownfield site
8. Kathy O's and L and L Trailer Park: Owner intends to redevelop the site

Target Area


Mobile Home Parks
Anchorage Bowl 2008
Golden Park
Trails End
Glenn
Glenn Muldoon
Nanook Court
East Anchorage
Four Seasons
Sunset
Totem
Mayflower
Rangeview
Rangeview Annex
Penland Park
5th
Gambell
Ingra
Glacier Terrace
New Golden Nugget
Westchester Lagoon
Chester Creek
Wharton Court Park
Forest Park
Hillstrand Pond
Cheney Lake
South Fork Chester Creek
Glen Caren Court
Boniface
Muldoon
Minnesota
Northern Lights
Preferred
South Park Estates
Close In
Alta Vista
Lake Otis
Mosquito Lake
McRae Court
Penguin Park
Lyles
Riviera Terrace
Baxter Bog
King's (or Hills)
Chugach Drive
Kathy O Estates
University Lake
Top Hand
L and L
Piper Court
Reflection Lake
Grizzly
Tudor
Idle Wheels
Baxter Road
Chateau
Waldron Lake
Cupid
Elmore
Bentzen Lake
Assessment Area
Manbog's Isle
Meadow Lake
Connor's Lake
Tina Lake
Raspberry
Blueberry Lake
Spruce Park
Strawberry Lake
Green Acres
South Fork Campbell Creek
Bird Lake
Birch Lake
Jewel Lake
Dimond
Abbott
Dimond Estates
Southwood Manor
Campbell Creek
Campbell Lake
Seward
Craig Creek
Hillside
O'Malley
Bayshore Creek
Bayshore Lake
Hillberry Lake
Lake 'O The Hills
Little Campbell Creek
Furrow Creek
Rabbit Creek
Thunder Road
Elmore Creek
Old Seward
Rabbit Creek
Legend
Mobile Home Parks
Roads
Major Roads
Minor Roads
Lakes
Streams
Land/Water
Coastland
Marine Water
Mudflat
Stream

Spenard Chamber of Commerce
P.O. Box 92286
Anchorage, AK 99509-2286

June 8, 2012

Mr. John Carnahan
Brownfield Coordinator
ADEC
610 University Avenue
Fairbanks, AK 99709

Dear Mr. Carnahan:

On behalf of the Spenard Chamber of Commerce, please accept this letter as documentation of the chamber's participation on the Cook Inlet Housing Authority (CIHA) project team related to CIHA's application for DEC Brownfield Assessment and Cleanup request in Spenard.

The Spenard Chamber of Commerce's mission is to "cultivate Spenard's status as Anchorage's vibrant shopping, dining, and entertainment district with an abundant variety of successful independent businesses in a safe and fund environment." We engage in our mission through business advocacy and economic and business development.

The further assessment and cleanup of the former Tesoro-Olson Gas Services Store at 36th and Spenard is an important step in the cleanup and revitalization of this section of Spenard Road. CIHA's eventual plans to redevelop property on both sides of Spenard into a combination of mixed-use (commercial and residential) and residential development will provide an anchor this middle section of Spenard and support the further development of the district.

The Spenard Chamber of Commerce's participation as a CIHA team member demonstrates the Chamber's support for CIHA's efforts to cleanup and redevelop the area around 36th and Spenard. We also appreciate the DEC's consideration of further assessment and cleanup funding for this endeavor.

Sincerely,

Barbara Smart
President

Spenard Community Council
Resolution # _____

A resolution supporting Cook Inlet Housing Authority's request for State of Alaska Capital Budget funding for Spenard Road site acquisition and environmental contamination abatement

WHEREAS, Cook Inlet Housing Authority (CIHA) strives to increase access to quality, affordable housing for individuals and families in the Cook Inlet region, focusing on the impact of housing development as a catalyst for neighborhood revitalization; and

WHEREAS, the property located at 3607 & 3609 Spenard Road, commonly called the "Alpina" site, is the source site of environmental contamination affecting multiple properties and a barrier to strategic redevelopment in and around the intersection of Spenard Road and 36th Avenue; and

WHEREAS, CIHA has a proven track record of redeveloping contaminated sites in a manner that enhances their value to the neighborhood and promotes further public and private investment; and

WHEREAS, CIHA seeks to acquire and redevelop the Alpina site and proximate properties located near the intersection of Spenard Road and 36th Avenue; and

WHEREAS, CIHA presently estimates its total investment in such Spenard redevelopment will be approximately $26 million, including mixed-use development consisting of high-quality, affordable rental housing and first-floor, street-side office and/or retail space; and

WHEREAS, in pursuing redevelopment opportunities in Spenard, CIHA must overcome challenges such as the acquisition of funding/financing, lot consolidation, remediation of contaminated properties, and improvements to, or replacement of, existing infrastructure; and

WHEREAS, CIHA's State of Alaska Capital Budget request in the amount of $1.9 million would provide sufficient funding for CIHA to acquire the Alpina site and commence necessary monitoring/remediation of environmental contamination;

NOW, THEREFORE BE IT RESOLVED by the Spenard Community Council to support Cook Inlet Housing Authority's State of Alaska Capital Budget request for Spenard Road Revitalization and Environmental Contamination Abatement.

Passed this 7 day of March, 2012 at a meeting of the Spenard Community Council.

Rene Haag, Chair
Spenard Community Council

Anchorage Community Development Authority

January 7, 2013

BROWNFIELDS TARGETED SITE ASSESSMENTS
c/o Joanne LaBaw
U.S. Environmental Protection Agency - Region I0
1200 Sixth Ave. (ECL-115)
Seattle, WA 98101

RE: 3606 & 3609 Spenard Rd, Anchorage, AK

Anchorage Community Development Authority is a public corporate authority of the Municipality of Anchorage.

This is a property on which a Phase I environmental assessment has indicated that clean-up as well as additional assessment will be required. The proposed purchaser is applying for a Targeted Brownfield Assessment to fully assess the extent of the contamination and examine cost-feasible approaches to remediate the site and prepare it for redevelopment.

We support this application, and the effort to clean up a known contaminated site that affects multiple properties in the area. Remediation of contamination is a positive activity which will enhance the area, and perhaps encourage additional development.

The proposed purchaser intends to develop the site into a mixed-use development, with both housing and retail. The affordable housing component will help address the municipality's shortage of housing, in a midtown area close to employment centers and with good public transportation. The Spenard Rd area is one of mixed commercial uses, and removing a blighted property could encourage other redevelopment.

Sincerely yours,

Ronald T. Pollock
Executive Director

245 West 5th Avenue, Suite 122
Anchorage, AK 99501
(907) 276-7275 FAX (907) 279-5073
www.acda.net

March 2, 2012

Carol Gore
President/CEO
Cook Inlet Housing Authority
3510 Spenard Road, Suite 100
Anchorage, AK 99503

Dear Carol:

I am writing to encourage Cook Inlet Housing Authority's plans to redevelop the area at the intersection of 36th Avenue and Spenard Road. Your efforts will be a significant step in revitalizing the Spenard Road corridor, and will serve as a catalyst for more and better development in this part of Spenard.

BOSCO'S opened on Spenard Road in May of 1984. We've survived Spenard's ups and downs including a few lonely years where there were more closed businesses than open. We've managed through years where crime was open on the streets. We are glad to believe the worst is over for the north end of Spenard and the spirit of the place as Anchorage's vibrant and fun entertainment center is prevailing.

But that middle part of Spenard, around 36th, is not keeping up. I've poked around over the years looking for a building to buy. The challenge for a small business is that so many of the buildings there do not meet modern needs or current code and may likely have environmental problems. The redevelopment of that area needs a knowledgeable developer with experience piecing together complicated projects and funding.

The success of my business and others in Spenard is largely related to the closely connected residences and the nearby schools. Compared to most of Anchorage, this is a place where people walk around or bike from one business to another.

Your track record of building quality mixed use buildings with excellent sidewalks, landscaping and connections to the street is impressive. Your new buildings on Mtn View Drive set a standard I would like to see in Spenard. The consistent full occupancy at the "Sugarspoon" building across from BOSCO'S shows the need for mixed use buildings in the area. If you can do something similar around 36th, that would kick off additional private efforts in the neighborhood.

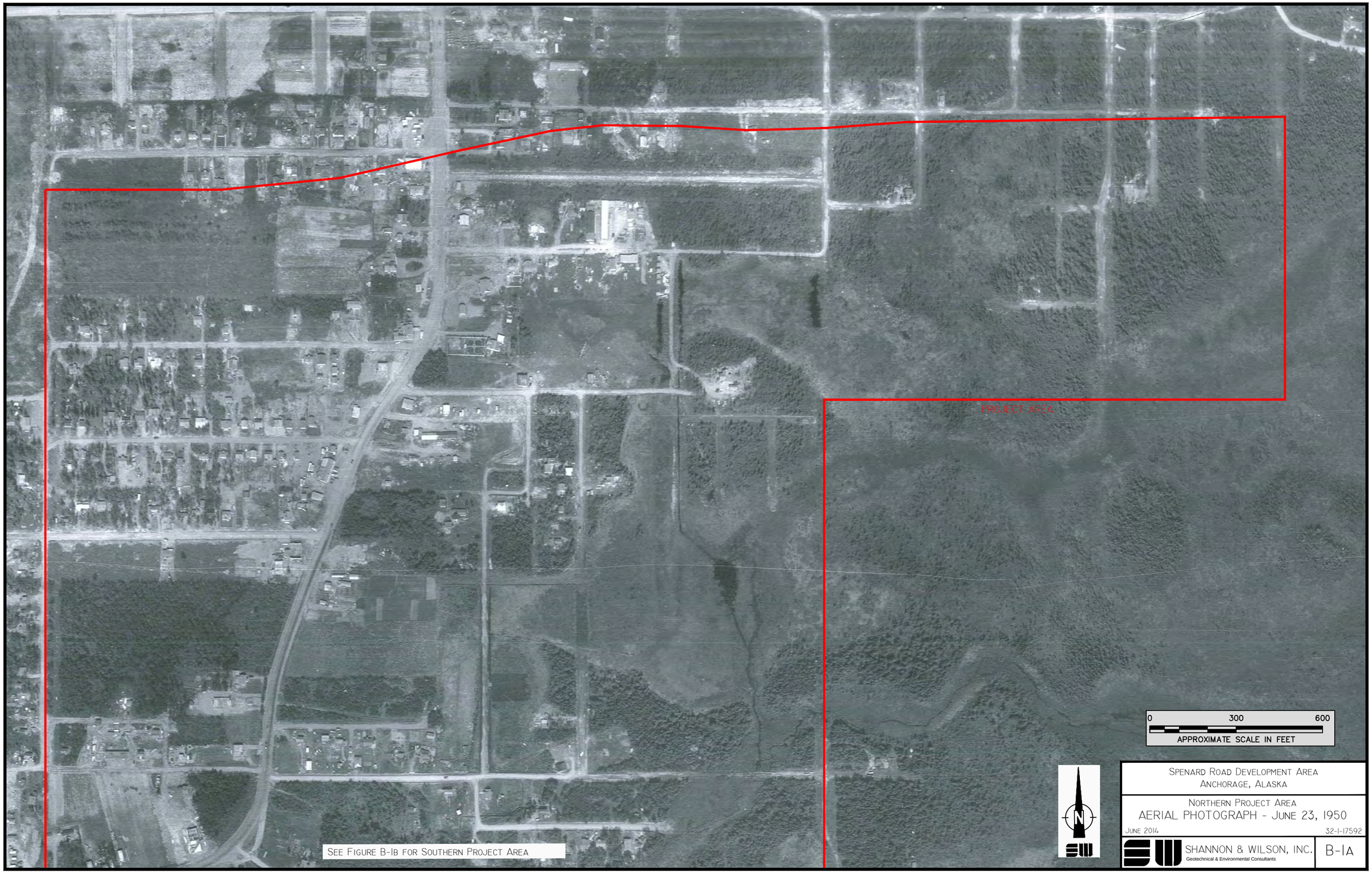
Thank you for working to improve Spenard!

John Weddleton

Main Store: 2606 Spenard Rd, Anchorage, Alaska 99503 907-274-4112 Fax 907-274-4117
Also in the Dimond Center and www.boscos.com

APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS



SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

NORTHERN PROJECT AREA
AERIAL PHOTOGRAPH - JUNE 23, 1950

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-1A

SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

SOUTHERN PROJECT AREA
AERIAL PHOTOGRAPH - JUNE 23, 1950

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-1B

SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

NORTHERN PROJECT AREA
AERIAL PHOTOGRAPH - JUNE 3, 1960

JUNE 2014 | 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-2A

SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

SOUTHERN PROJECT AREA
AERIAL PHOTOGRAPH - JUNE 3, 1960

JUNE 2014 | 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-2B

PROJECT AREA

0 300 600

APPROXIMATE SCALE IN FEET

SEE FIGURE B-3B FOR SOUTHERN PROJECT AREA

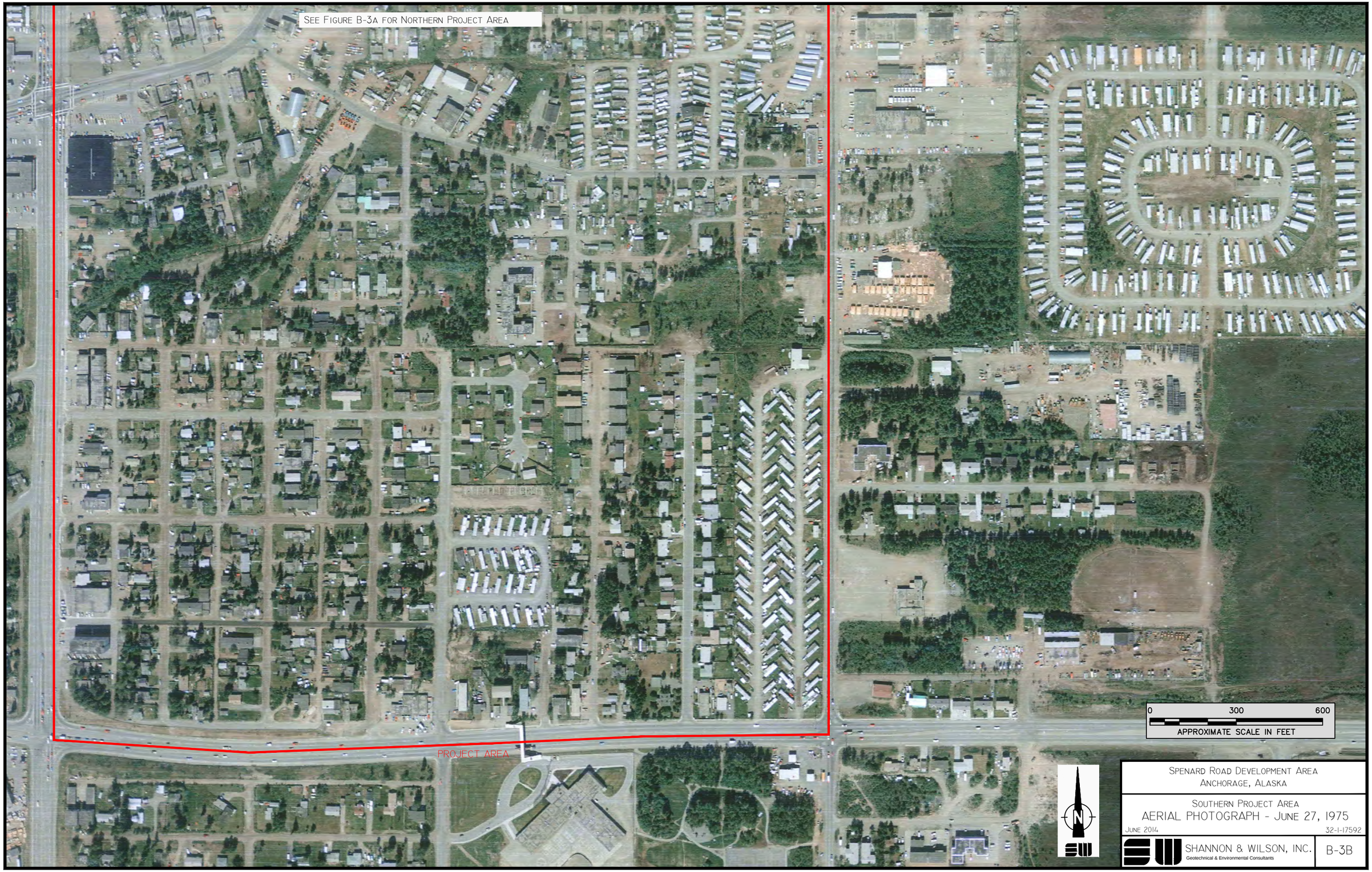
SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

NORTHERN PROJECT AREA
AERIAL PHOTOGRAPH - JUNE 27, 1975

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-3A



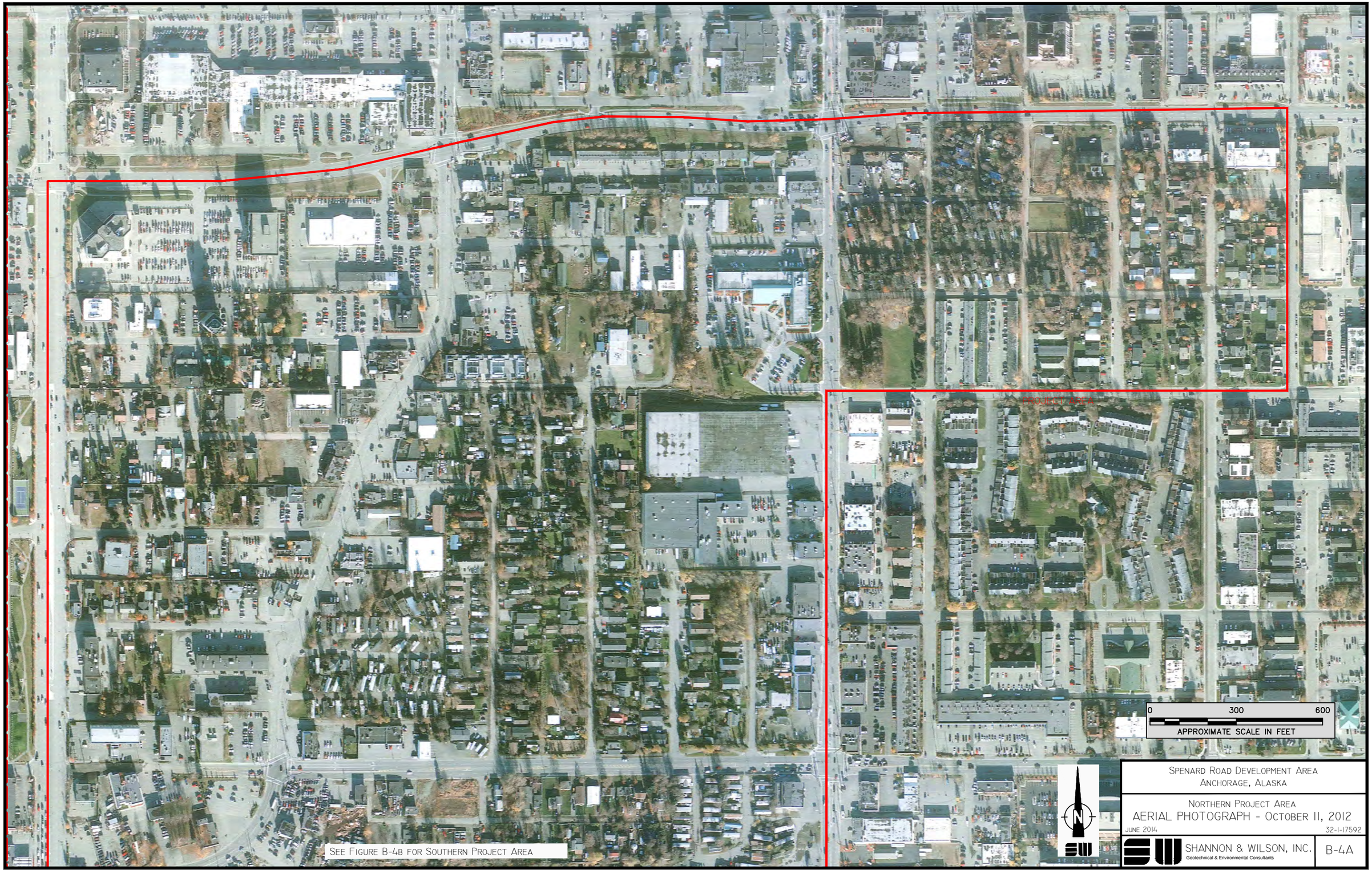
SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

SOUTHERN PROJECT AREA
AERIAL PHOTOGRAPH - JUNE 27, 1975

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-3B



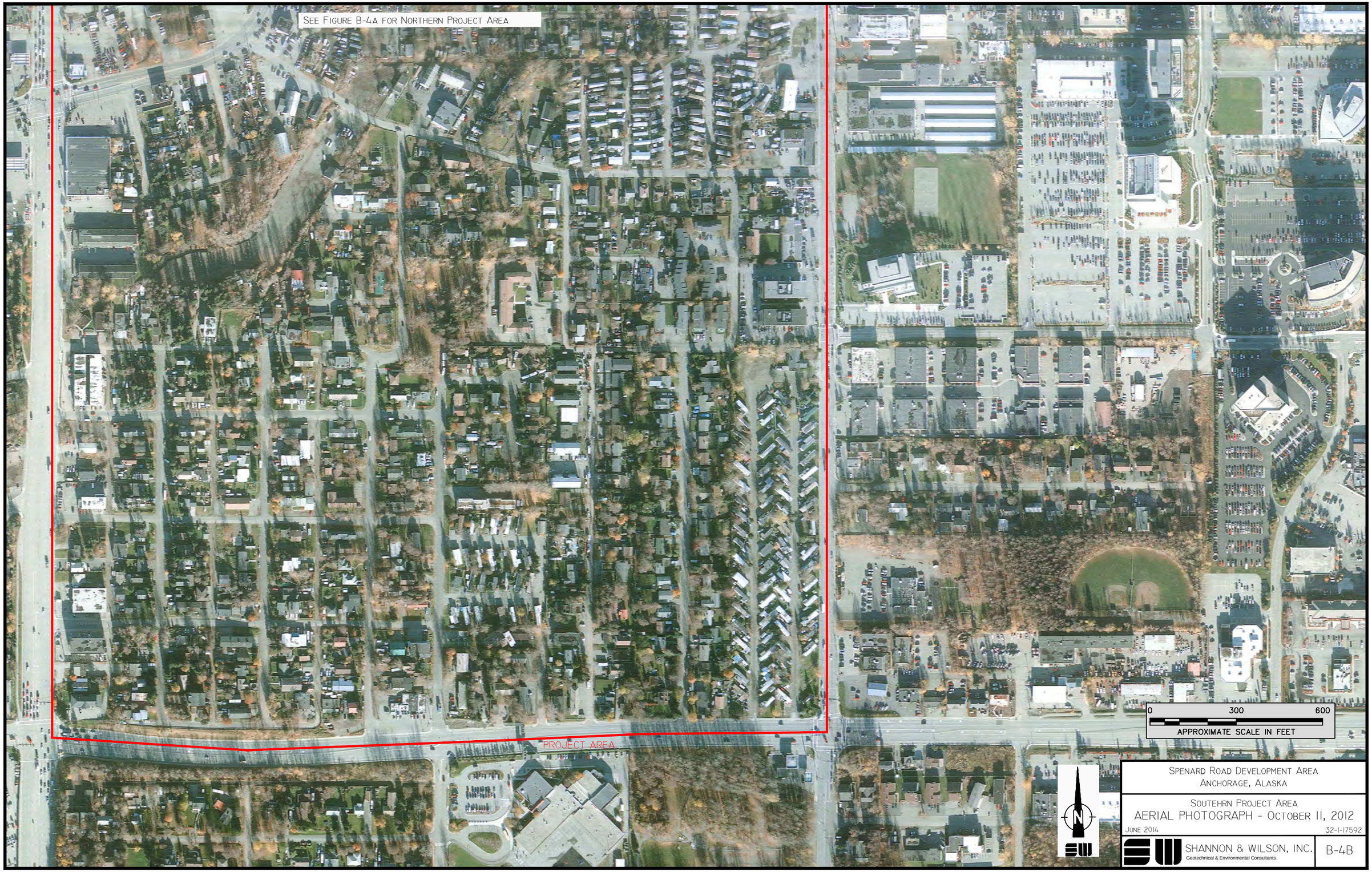
SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

NORTHERN PROJECT AREA
AERIAL PHOTOGRAPH - OCTOBER 11, 2012

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-4A



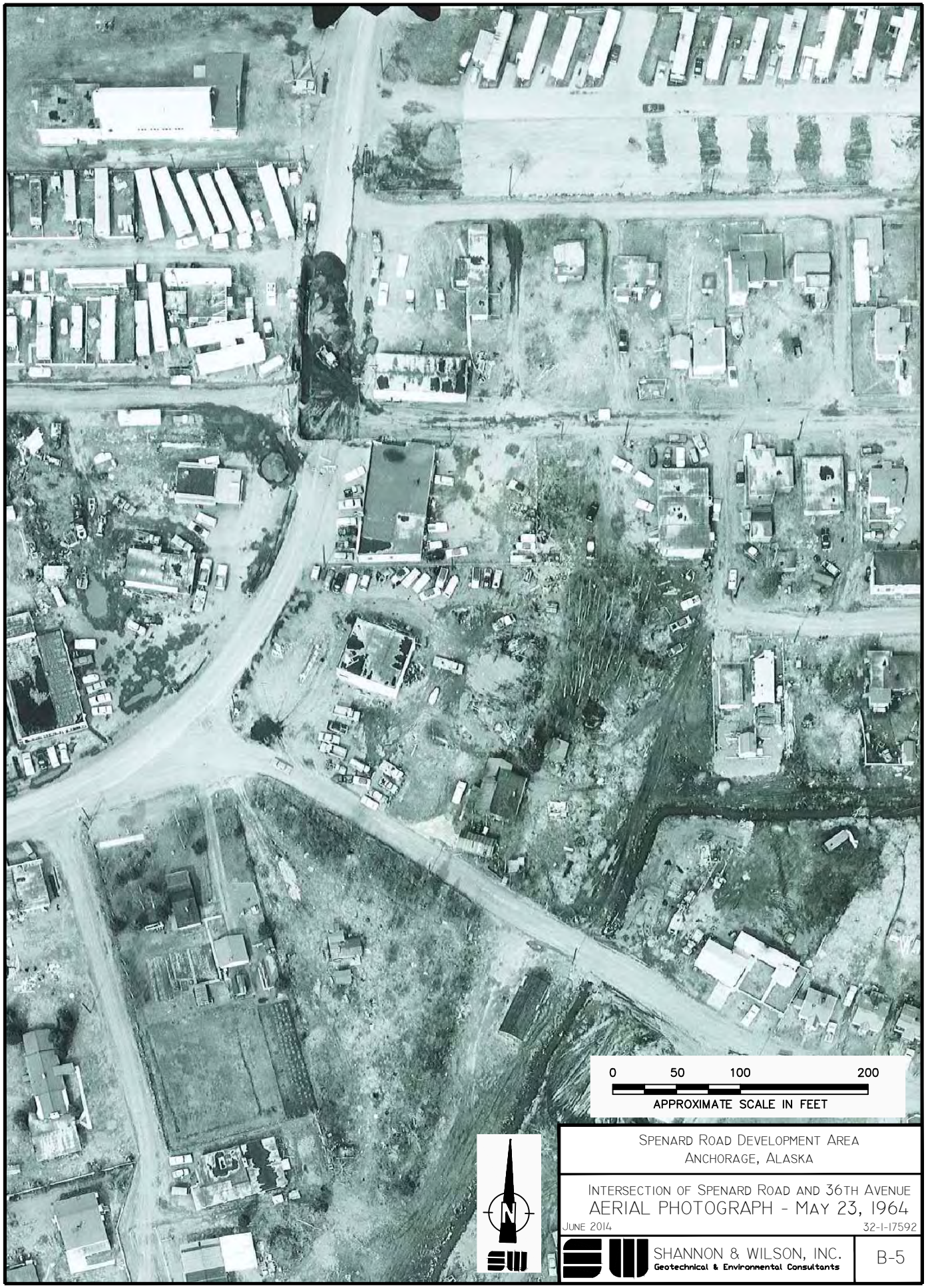
Spenard Road Development Area
Anchorage, Alaska

Soutehrn Project Area
AERIAL PHOTOGRAPH - October 11, 2012

June 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

B-4B



SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

INTERSECTION OF SPENARD ROAD AND 36TH AVENUE
AERIAL PHOTOGRAPH - MAY 23, 1964

JUNE 2014 32-1-17592

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

INTERSECTION OF SPENARD ROAD AND 36TH AVENUE
AERIAL PHOTOGRAPH - JUNE 2, 1976

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

INTERSECTION OF SPENARD ROAD AND 36TH AVENUE
AERIAL PHOTOGRAPH - SEPTEMBER 26, 2011

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

36TH AVENUE - WILSHIRE STREET TO COPE STREET
AERIAL PHOTOGRAPH - MAY 23, 1964

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

36TH AVENUE - WILSHIRE STREET TO COPE STREET
AERIAL PHOTOGRAPH - OCTOBER 7, 1976

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

CHUGACH WAY EAST TO COPE STREET
AERIAL PHOTOGRAPH - JULY 7, 1970

JUNE 2014

32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

CHUGACH WAY EAST TO COPE STREET
AERIAL PHOTOGRAPH - MAY 15, 1979

JUNE 2014

32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

CHUGACH WAY EAST TO COPE STREET
AERIAL PHOTOGRAPH - SEPTEMBER 21, 1985

JUNE 2014

32-1-17592

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

SPENARD ROAD - 35TH AVENUE TO 31ST AVENUE
AERIAL PHOTOGRAPH - MAY 1962

JUNE 2014 32-1-17592

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

SPENARD ROAD - 35TH AVENUE TO 31ST AVENUE
AERIAL PHOTOGRAPH - MAY 23, 1964

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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SPENARD ROAD DEVELOPMENT AREA
ANCHORAGE, ALASKA

SPENARD ROAD - 35TH AVENUE TO 31ST AVENUE
AERIAL PHOTOGRAPH - OCTOBER 7, 1976

JUNE 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

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APPENDIX C

ENVIRONMENTAL RECORDS SOURCE INFORMATION

Region 10: the Pacific Northwest

Last updated on Friday, November 08, 2013

You are here: EPA Home Region 10 Cleanup Page AlaskaRCRA

RCRA Corrective Action Sites in Alaska

Region 10 Environmental Indicator Progress

You will need Adobe Reader to view some of the files on this page. See EPA's PDF page to learn more.

While the ultimate goal of the **RCRA Corrective Action Program** is to achieve final cleanups, we are measuring the intermediate success of the program against our Government Performance and Results Act (GPRA) goals. The program is monitoring intermediate progress by tracking two environmental indicators (EIs), the human exposure and groundwater EIs, which are the main focus of the corrective action GPRA goals. These indicators measure progress in environmental terms rather than the administrative process steps that were previously monitored. Measuring and recording our progress toward these goals will be a top priority for EPA and the States over the next several years. For more complete information about environmental indicators please go the **EPA Headquarters environmental indicator website**.

ALASKA

Facility Name		Most Recent Environmental Indicator Documentation	Ready for Anticipated Use Documentation
ALASKA RAILROAD CORP	AKD981767403	Documentation of Environmental Indicator Determination (PDF) (10 pp, 83K)	
BP EXPLORATION ALASKA PRUDHOE BAY	AKD000643239	Site information Documentation of Environmental Indicator Determination (PDF) (10 pp, 534K)	
DRIFT RIVER TERMINAL COOK INLET PIPELINE Drift River Terminal webpage	AKD000641811	Documentation of Environmental Indicator Determination (PDF) (10pp, 104K)	
TESORO ALASKA KENAI REFINERY	AKD048679682	Documentation of Environmental Indicator Determination (PDF) (12pp, 149K)	
UNIVERSITY OF	AKD048679567	Documentation of	Ready for Anticipated

ALASKA FAIRBANKS		Environmental Indicator Determination (PDF) (17pp, 40K)	Use Document (PDF) (2pp, 121K)
USDOT CG INTEGRATED SUPPORT COMMAND (aka US Coast Guard Kodiak)	AK9690330742	Documentation of Environmental Indicator Determination (PDF) (10pp, 164K)	

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Region 10: the Pacific Northwest

Last updated on Friday, November 08, 2013

Alaska Cleanup Sites

These lists attempt to help you find information about any cleanup work ongoing in Alaska. In some cases states are responsible for the information. Please check all lists. Envirofacts Multisystem search for AK may be a starting place.

Leaking Underground Storage Tank (LUST) Sites
Indian Land Leaking Underground Storage Tank (LUST) Sites
Alaska Department of Environmental Conservation LUST sites

Brownfields, Oil, RCRA Corrective Action Superfund Sites
Click on the triangle ▲ near the row heading to re-sort the table. "Type of site" include National Priority List (NPL) and RCRA Corrective Action (RCRA CA) sites. Sites not associated with any particular city will show near the bottom of the list.

State ▲	City ▲	Title ▲	Type of Site ▲
Alaska	Adak	Adak Naval Air Station	NPL
Alaska	Fairbanks	Alaska Battery Enterprises	Deleted NPL
Alaska	Anchorage	Anchorage Terminal Reserve	NPL Equivalent
Alaska	Fairbanks	Arctic Surplus	NPL
Alaska	Deadhorse	BP Alaska GC1-GC2 Gathering Line Discharge	Oil
Alaska	Deadhorse	BP Alaska GC1-GC2 Transmission Pipeline Discharge	Oil
Alaska	Deadhorse	BP Alaska ZPad Produce Water Spill	
Alaska	Deadhorse	BP Prudoe Bay Drill Site 14	Oil
Alaska		Brownfields and Alaska	Brownfields
Alaska	Kenai	Cook Inlet Pipe Line Company's Drift River Terminal Facility	RCRA CA
Alaska	Fairbanks	Eielson Air Force Base	NPL
Alaska	Anchorage	Elmendorf Air Force Base	NPL
Alaska	Anchorage	Fort Richardson (USArmy)	NPL
Alaska	Fort Wainwright	Fort Wainwright	NPL
Alaska	Ketchikan	Ketchikan Pulp Company	NPL Equivalent
Alaska	Anchorage	Kuparuk Flowline Spill DS2M	Oil
Alaska		RCRA Corrective Action Sites in Alaska	RCRA CA
Alaska	Prince of Wales Island	Salt Chuck Mine	NPL
Alaska	Anchorage	Standard Steel & Metals Salvage Yard (USDOT)	Deleted NPL

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

Number of Regulated Generators: 936

Generator Type: Small Quantity Generator — **Number of handlers: 213**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
ACUREN	AKR000203158	14896 KENAI SPUR HIGHWAY SUITE 104	KENAI	99611	no	no	no
ADEC ENVIRONMENTAL HEALTH LABORATORY	AKR000202069	5251 HINKLE RD	ANCHORAGE	99507	no	no	no
ADEC GAFFNEY ROAD EAST	AKR000004077	511 GAFFNEY RD	FAIRBANKS	99701	no	no	no
ADEC GAFFNEY ROAD SITE 1	AKR000003566	617 GAFFNEY RD	FAIRBANKS	99701	no	no	no
ADEC INVESTIGATION - WENDELL AVENUE SITE	AKR000203042	314 WENDELL AVE, LOT 4	FAIRBANKS	99701	no	no	no
ADEC STERLING ZIPMART CLEANUP	AKR000203299	38525 SWANSON RIVER RD	STERLING	99672	no	no	no
AEC ADAK FUEL DOCK	AKR000004259	ANNEX TEN MECHANIC DRIVE	ADAK	99546	no	no	yes
AEL&P LEMON CREEK FACILITY	AK6891732202	5601 TONSGARD COURT	JUNEAU	99801	no	no	yes
AES ALASKA E&C FABRICATION FACILITY	AKD046207213	200 E 100TH	ANCHORAGE	99515	no	no	no
AGENS AUTOMOTIVE	AKR000004937	737 E INT'L AIRPORT RD	ANCHORAGE	99518	no	no	no
AIR LAND TRANSPORT	AKR000204545	11100 CALASKA CIRCLE	ANCHORAGE	99515	no	no	no
AKUTAN AIRPORT DESIGN/BUILD	AKR000204040	LAT 54 08 46.56	AKUN ISLAND	99553	no	no	no
ALASKA AIRLINES ANCHORAGE	AKD103354767	4750 INTERNATIONAL AIRPORT RD	ANCHORAGE	99502	no	no	no
ALASKA CLEANERS	AKD035403641	610 W FIREWEED LN	ANCHORAGE	99503	no	no	no
ALASKA COMMERCIAL COMPANY	AKR000005462	125 MAIN ST	ANIAK	99557	no	no	yes
ALASKA DF&G HUNTER EDUCATION SHOOT RANGE	AKR000201467	1501 COLLEGE RD	FAIRBANKS	99701	no	no	no
ALASKA DOT & PF - BRIDGE 668 - DEEP CREE	AKR000203216	MILE POST 97.4	NINILCHIK	99610	no	no	no
ALASKA DOT & PF - BRIDGE 669 - NINILCHIK	AKR000203224	MILE POST 95.7 STERLING HWY	NINILCHIK	99610	no	no	no
ALASKA DOT & PF - BRIDGE 670 - KASILOF R	AKR000203190	MILE POST 71.1 STERLING HWY	KASILOF	99610	no	no	no
ALASKA DOT & PF COLD BAY AIRPORT	AKR000001073	COLD BAY AIRPORT	COLD BAY	99571	no	no	no
ALASKA DOT & PF CORDO M & O STATION	AKR000201426	MP 13 CORDOVA HWY	CORDOVA	99574	no	no	no
ALASKA DOT & PF SOLDOTNA	AKR000203653	46445 STERLING HIGHWAY	SOLDOTNA	99669	no	no	yes
ALASKA DOT & PF, ALASKA MARINE HWY SYST	AKD983069444	3718 TONGASS AVE	KETCHIKAN	99901	no	no	no
ALASKA DOT PARKS HWY SUSITNA RIVER BRIDG	AKR000202325	MP 104.2 GEORGE PARKS HIGHWAY	TALKEETNA	99676	no	no	no
ALASKA IMMUNIZATION PROGRAM VACCINE DEPO	AKR000203786	9210 VANGUARD DRIVE SUITE 102A	ANCHORAGE	99507	no	no	no
ALASKA RAILROAD CORP	AKD981767403	327 W SHIP CREEK AVE	ANCHORAGE	99501	yes	yes	yes
ALASKA RAILROAD CORP	AKR000005207	2401 VIKING DRIVE	ANCHORAGE	99501	no	no	no
ALASKA RAILROAD CORP FAIRBANKS YD	AK0000007922	1888 FOX AVE	FAIRBANKS	99701	no	no	yes
ALASKA SHIP AND DRYDOCK LLC	AKD981769821	3801 TONGASS	KETCHIKAN	99901	yes	no	no
ALASKA ST OF DEPT OF MIL & VET AFFAIRS	AKR000005231	BLDG 49000, CAMP DENALI	FORT RICHARDSON	99505	no	no	no
ALYESKA MAINLINE REFRIGERATION UNIT 1	AKD983076241	RICHARDSON HWY MP 155	GLENNALLEN	99588	no	no	yes
ALYESKA MAINLINE REFRIGERATION UNIT 2	AKD983076258	RICHARDSON HWY MP 151	GLENNALLEN	99588	no	no	yes
ALYESKA NORTHSTAR TERMINAL	AKD983076282	701 BIDWELL	FAIRBANKS	99701	no	no	yes
ALYESKA SHIP ESCORT RESPONSE BASE	AK0000992214	200 SOUTH HARBOR DR	VALDEZ	99686	no	no	yes

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

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Generator Type: Small Quantity Generator **Number of handlers: 213**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
ALYESKA VAN HORN FACILITY	AKD982656498	1420 VAN HORN RD	FAIRBANKS	99701	no	no	yes
ANCHORAGE MUNICIPALITY - PEACOCK CLEANER	AKR000202747	4501 LAKE OTIS PARKWAY	ANCHORAGE	99507	no	no	no
ANCHORAGE MUNICIPALITY POLICE DEPT TRNG	AKR000201962	3740 W DIMOND BLVD	ANCHORAGE	99502	no	no	no
ANCHORAGE SCHOOL DISTRICT FACILITY MAINT	AKD980977078	1301 LABAR ST	ANCHORAGE	99515	no	no	no
ANCHORAGE YAMAHA INC	AKR000201624	3919 SPENARD RD	ANCHORAGE	99517	no	no	yes
ARCTIC AUTO AND TRUCK SERVICE	AKR000202911	6031 ARCTIC BLVD	ANCHORAGE	99518	no	no	no
ARCTIC PIPE INSP. DEADHORSE	AKD983076233	SPINE RD	DEADHORSE	99740	no	no	no
ARCTIC PIPE INSPECTION INC	AKD983075680	KENAI SPUR RD MI 18.5 BLDG 2	KENAI	99611	no	no	no
ARCTIC VILLAGE SCHOOL	AKR000203943	305 MOUNTAIN ST	ARCTIC VILLAGE	99722	no	no	no
AUTO SERVICE COMPANY	AKD980833297	3285 S CUSHMAN ST	FAIRBANKS	99701	no	no	no
BAKER HUGHES OILFIELD OPERATIONS INC	AKR000204818	795 E 94TH AVENUE	ANCHORAGE	99515	no	no	no
BAKER HUGHES, INC. PRESSURE PUMPING	AKD099044059	MILE 24.5 NORTH KENAI SPUR HIG	KENAI	99611	no	no	no
BARGE 160-1	AKR000203661	201 ARCTIC SLOPE AVE	ANCHORAGE	99518	no	no	no
BARGE KLAMATH	AKR000203703	201 ARCTIC SLOPE AVENUE	ANCHORAGE	99518	no	no	no
BARROW UTILITIES & ELECTRIC COOPERATIVE	AKD050179761	1295 AGVIK ST	BARROW	99723	no	no	no
BMW OF ANCHORAGE (FORMER STEPP BROTHERS)	AKD091746925	730 E 5TH AVE	ANCHORAGE	99501	no	no	no
BP DEADHORSE PIGGING SHOP	AKR000204263	SECTION 24 T10N R14E,	DEADHORSE	99734	no	no	no
BP EXPLORATION (ALASKA) INC - NORTHSTAR	AKR000005421	SEAL ISLAND	PRUDHOE BAY	99734	no	no	yes
BP EXPLORATION ALASKA - MILNE POINT UNIT	AKD980977680	S 25, T 13N, R 10E,	PRUDHOE BAY	99734	no	no	yes
BP EXPLORATION ALASKA ENDICOTT DUCK IS	AKD980834675	SAGAVANIRKTOK RIVER DELTA	PRUDHOE BAY	99734	no	no	yes
BP GTL FACILITY	AKR000004879	KENAI SPUR HWY MILE 20.8 N	NIKISKI	99635	no	no	no
BP NORTHSTAR OIL PIPELINE SYSTEM (NORTHS	AKR000203679	UMIAT MERIDIAN, AK TOWNSHIP	PRUDHOE BAY	99734	no	no	no
BUCCANEER ALASKA KENAI LOOP 1 GAS PRODUC	AKR000204511	700 MARATHON RD	KENAI	99611	no	no	no
CAL WORTHINGTON FORD	AKD982658411	1950 GAMBELL	ANCHORAGE	99501	no	no	yes
CARQUEST AUTO PARTS #4306	AK0000940536	12551 OLD GLENN HWY	EAGLE RIVER	99577	no	no	no
CARQUEST AUTO PARTS #4308	AKR000205153	3726 LAKE ST	HOMER	99603	no	no	no
CARQUEST AUTO PARTS #4311	AKR000205146	848 S COLONY WAY	PALMER	99645	no	no	no
CARQUEST AUTO PARTS #4312	AKR000205138	313 LAKE ST	SITKA	99835	no	no	no
CARQUEST AUTO PARTS DISTRIBUTION CENTER	AKR000205120	5491 MINNESOTA DR	ANCHORAGE	99518	no	no	no
CARQUEST OF ANC - PBE AK #4318	AKR000204784	4505 OLD SEWARD HWY	ANCHORAGE	99503	no	no	no
CCI INDUSTRIAL SVCS	AKR000203851	100 LAKE COLLEEN RD	PRUDHOE BAY	99754	no	no	no
CELLNETIX PATHOLOGY AND LABORATORIES	AKR000204651	2500 S WOODWORTH LOOP SUITE 200	PALMER	99645	no	no	no
CENTRAL PENINSULA GENERAL HOSPITAL	AKR000201988	250 HOSPITAL PLACE	SOLDOTNA	99664	no	no	no
CH2M HILL DEADHORSE FACILITY	AKD980987978	SPINE RD T28N R15E TRACT 28	PRUDHOE BAY	99734	no	no	yes

generator type designators

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State of Alaska

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CH2M HILL TRACTS 22 & 23 (ADL 64473)	AKR000204461	#1 SPINE ROAD	DEADHORSE	99734	no	no	no
CHEVRON 94933	AKR000203059	MILE 266.5 RICHARDSON HWY	DELTA JUNCTION	99737	no	no	no
CHUGACH ELECTRIC ASSN BELUGA POWER PLT	AKD980329882	T13N R3W S7	ANCHORAGE	99519	no	no	no
CIHA MOUNTAIN VIEW SUBDIVISION PROJECT	AKR000202846	3608 PETERKIN AVE	ANCHORAGE	99508	no	no	no
CROWLEY BARGE 160-4 IMO 525850	AKR000202259	519 PORT ROAD	SEWARD	99664	no	no	no
CROWLEY MARINE SERVICES INC - VALDEZ	AKR000203844	254 FIDALGO AVENUE	VALDEZ	99686	no	no	no
CROWLEY NENANA BULK TERMINAL	AKD983066416	410 RIVERFRONT ST	NENANA	99760	no	no	yes
CROWLEY PETROLEUM DISTRIBUTION ANIAK	AKR000204313	249 RIVER RD	ANIAK	99557	no	no	no
CROWLEY PETROLEUM DISTRIBUTION INC - BET	AKR000204321	380 STANDARD OIL RD	BETHEL	99559	no	no	no
CROWLEY PETROLEUM DISTRIBUTION INC - FOR	AKR000204503	66 34.29N; 145 15.03W	FORT YUKON	99740	no	no	no
DELTA WESTERN DUTCH HARBOR	AKD000835041	1577 EAST POINT ROAD	DUTCH HARBOR	99692	no	yes	yes
DELTA WESTERN JUNEAU	AKR000000521	120 MOUNT ROBERTS	JUNEAU	99801	no	yes	yes
DEWEYVILLE TRAILHEAD TO NECK LAKE ROAD P	AKR000204891	FOREST HWY 43 MP 81	PRINCE OF WALES ISL	99921	no	no	no
DOYON UTILITIES FT GREELY CENTRAL HEAT &	AKR000203414	601 ARCTIC AVE	FORT GREELY	99731	no	no	no
DOYON UTILITIES FT WAINWRIGHT CENTRAL HE	AKR000203422	3595 OAK AVE	FT WAINWRIGHT	99703	no	no	no
DUNKIN & BUSH INC	AKR000200352	MI 25 KENAI SPUR HWY	NIKISKI	99635	no	no	no
EMERALD ALASKA INC	AKR000201921	ALASKA RR CORP TRACK # RIP 6	ANCHORAGE	99501	no	no	no
ERA HELICOPTERS LLC	AKD035403559	6160 CARL BRADY DR	ANCHORAGE	99502	no	no	no
ERA HELICOPTERS, LLC	AKR000202101	6300 CARL BRADY DR	ANCHORAGE	99502	no	yes	no
FAIRBANKS MEMORIAL HOSPITAL	AKR000003178	1650 COWLES ST	FAIRBANKS	99701	no	no	no
FORMER UNOCAL 306445	AKR000203935	TLINGET WAY NEAR MARINE	SITKA	99835	no	no	no
FORT KNOX MINE FAIRBANKS GOLD	AKR000002352	#1 FORT KNOX ROAD	FAIRBANKS	99712	no	no	no
GOLDEN VALLEY ELECTRIC ASSOCIATION (GVEA	AKD002848588	758 ILLINOIS ST	FAIRBANKS	99701	no	no	yes
GOLDPANNER CHEVRON	AKR000201459	809 CUSHMAN ST	FAIRBANKS	99701	no	no	yes
GRAY LINE OF ALASKA	AKR000203620	1980 S CUSHMAN	FAIRBANKS	99701	no	no	yes
GREAT PACIFIC SEAFOODS INC	AKR000200469	4201 W OLD INTERNATIONAL AIRPORT	ANCHORAGE	99502	no	no	no
GREER TANK & WELDING INC	AKD983073008	3140 LAKEVIEW DR	FAIRBANKS	99701	no	no	no
H C PRICE CO DEADHORSE FACILITY	AKR000005512	1001 SPINE ROAD	DEADHORSE	99734	no	no	no
HECLA GREENS CREEK MINING COMPANY	AKD983067307	ADMIRALITY IS 18 MI SW OF	JUNEAU	99801	no	no	no
HELMERICKS AVENUE	AKR000205268	LOT 18 HELMERICKS AVENUE	FAIRBANKS	99701	no	no	no
HOME DEPOT #HD8940	AKR000201939	1715 ABBOTT RD	ANCHORAGE	99507	no	no	no
HOME DEPOT USA HD3939	AKR000202473	5201 COMMERCIAL BLVD	JUNEAU	99801	no	no	no
HOME DEPOT USA INC HD 1302	AKR000000687	400 RODEO PLACE	ANCHORAGE	99508	no	no	no
HOME DEPOT USA INC HD 1303	AKR000201087	601 JOHANSEN EXPRESSWAY	FAIRBANKS	99701	no	no	no

generator type designators

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HOME DEPOT USA, INC HD 1304	AKR000201236	1255 E PALMER WASILLA	WASILLA	99654	no	no	no
HOME DEPOT USA, INC. HD 1301	AKR000004234	515 EAST TUDOR ROAD	ANCHORAGE	99503	no	no	no
HOME DEPOT USA, INC. HD 8938	AKR000000711	10480 SPUR HWY	KENAI	99611	no	no	no
HUFFMAN RESIDENTIAL PROPERTY	AKR000202309	3035 HUFFMAN ROAD	ANCHORAGE	99518	no	no	no
INTERNATIONAL AVIATION SERVICES	AKR000202432	2550 POSTMARK DR	ANCHORAGE	99502	no	no	no
KENAI PENINSULA SOLDOTNA MAINTENANCE SHO	AKD980983985	47140 EAST POPPY LANE	SOLDOTNA	99669	no	no	no
KEYSTONE LOGISTICS CORPORATION	AKR000001776	2320 N POST RD	ANCHORAGE	99501	no	no	no
KIEWIT PACIFIC CO.	AKR000202994	LAT 61.549234 LONG -149.25315	WASILLA	99687	no	no	no
KOBUK FUEL AND FEED	AKR000201947	2751 PICKET PLACE	FAIRBANKS	99709	no	no	no
KWETHLUK INCORPORATED	AKR000202234	101 AIRPORT RD	KWETHLUK	99621	no	no	no
LITHIA BODY SHOP OF ANCHORAGE	AKR000202549	4904 OLD SEWARD HWY	ANCHORAGE	99518	no	no	no
LIVENGOOD CAMP	AKR000204396	74 MILE ELLIOT HIGHWAY	LIVENGOOD	99999	no	no	no
LOWES HIW-ANCHORAGE (289)	AKR000000018	333 E TUDOR RD	ANCHORAGE	99503	no	no	no
MANIILAQ HEALTH CENTER	AKR000201095	436 5TH AVE	KOTZEBUE	99752	no	no	yes
MARATHON OIL CO KPL JUNCTION	AKR000203125	MILE 22.2 KENAI SPUR HWY	NIKISKI	99635	no	no	no
MARATHON PIPE LINE LLC - EAST FORELANDS	AKR000204230	53550 RODNEY & SHELLEY'S AVE., AKA	NIKISKI	99635	no	no	no
MARATHON PIPE LINE LLC - GRANITE POINT P	AKR000204248	61D 1.0663' N 151D 19.9772' W	TYONEK	99682	no	no	no
MAT-SU BOROUGH CENTRAL LANDFIL	AKR000004853	1100 N 49TH STATE ST	PALMER	99645	no	no	no
METLAKATLA PENINSULA 71ST GARRISON AREA	AKR000205211	MILE .8 RUNWAY B RD	METLAKATLA	99926	no	no	no
MV BARGE 180 PADILLA TUG CO	AKR000005082	NEWHALL BLDG, STE 201	DUTCH HARBOR	99692	no	no	no
N C MACHINERY CO ANCHORAGE	AKD047481452	6450 ARCTIC BLVD	ANCHORAGE	99518	no	no	no
N C MACHINERY CO DUTCH HARBOR	AKD983076183	1171 AIRPORT BEACH ROAD	DUTCH HARBOR	99692	no	no	no
N C MACHINERY CO FAIRBANKS	AKD076633007	730 OLD STEESE HWY	FAIRBANKS	99701	no	no	no
NASH RD LOWRENZ PROPERTY LOT 45	AKR000202564	MILE 1.5 NASH RD	SEWARD AK	99664	no	no	no
NORTH BESSIE PIT	AKR000204164	N64.538516, W165365369945	NOME	99762	no	no	no
NORTH CREEK ANALYTICAL ALASKA	AKR000200436	2000 W INTERNATIONAL AIRPORT RD	ANCHORAGE	99502	no	no	no
NORTH STAR ELEMENTARY SCHOOL	AKR000202127	961 MALLARD WAY	KODIAK	99615	no	no	no
NORTHERN AIR CARGO	AKD983068727	3488 W INTERNATIONAL AIRPRT RD	ANCHORAGE	99502	no	no	no
NORTHERN RAIL EXTENSION PHASE 1	AKR000204206	5659 BRADBURY DR	SALCHA	99714	no	no	no
NORTHWEST AIRLINES	AKD085192185	4300 W INTL AIRPORT RD	ANCHORAGE	99502	no	no	no
NORTHWEST CONTRACTING, INC DBA PACIFIC A	AKR000204933	11350 S GAMBELL, SUITE 1	ANCHORAGE	99515	no	no	no
NSB ANAKTUVUK PASS VILLAGE SERVICES DIV	AKR000004226	1023 SUMMER STREET EXTENSION	ANAKTUVUK PASS	99721	no	no	no
NSB WAINWRIGHT CY OF DEPT OF MUNIC SVCS	AKD983076472	121 SUMMER RD	WAINWRIGHT	99782	no	no	no
NYE FRONTIER TOYOTA AUTOBODY SHOP	AKR000200147	931 EAST 6TH AVE	ANCHORAGE	99501	no	no	no

generator type designators

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EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

Number of Regulated Generators: 936

Generator Type: Small Quantity Generator — **Number of handlers: 213**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
OLD FORT ST MICHAEL SITE (FUDS F10AK0307	AKR000204339	63.4825N 162.0303W	ST MICHAEL	99659	no	no	no
ONE HOUR FIREWEED CLEANERS	AKR000003210	500 E FIREWEED LN	ANCHORAGE	99503	no	no	no
P-ROCK CONSTRUCTION, INC.	AKD983068974	230 E 54TH AVE	ANCHORAGE	99518	no	no	no
PACIFIC ASPHALT PRODUCTS	AKR000203711	801 E 100TH AVENUE	ANCHORAGE	99515	no	no	no
POINT THOMSON PROJECT	AKR000203539	LAT 70.17314239 N	PRUDHOE BAY	99734	no	no	yes
SAGE PROPERTIES, LLC	AKR000000596	6935 JEWEL LAKE RD	ANCHORAGE	99502	no	no	no
SCHLUMBERGER TECHNOLOGY CORP (SCHLUMBERG	AKD122384050	MI 22.5 KENAI SPUR HWY	KENAI	99611	no	no	no
SCHLUMBERGER TECHNOLOGY CORPORATION EAST	AKD000814012	BUILDING 27 SPINE ROAD	PRUDHOE BAY	99734	no	no	yes
SCHUCKS AUTO SUPPLY #1710	AKR000201384	12205 OLD GLENN HWY	EAGLE RIVER	99577	no	no	no
SGS NORTH AMERICA, INC.	AKR000003715	200 WEST POTTER DRIVE	ANCHORAGE	99518	no	no	no
SHELL OIL PRODUCTS US SAP NR 121580	AKR000203331	801 WEST TUDOR RD	ANCHORAGE	99502	no	no	no
SOUTH PEGER FLOOD LEVEE ABANDONED BARREL	AKR000201251	END OF SOUTH PEGER ROAD	FAIRBANKS	99701	no	no	no
STANLEY FORD INC	AKR000202556	43965 STERLING HWY	SOLDOTNA	99669	no	no	no
STAPLES	AKD983073792	4831 OLD SEWARD HWY	ANCHORAGE	99503	no	no	no
SUMITOMO METAL MINING POGO LLC	AKR000005553	50 MILE POGO ROAD	DELTA JUNCTION	99737	no	no	no
SWALLING CONSTRUCTION CO	AKD983072927	250 POST ROAD	ANCHORAGE	99501	no	no	no
TAPS PUMP STA 7	AKD981774359	ELLIOT HWY MP 43	FAIRBANKS	99711	no	no	yes
TAPS PUMP STA 3	AKD980329551	DALTON HWY MP 313	DEADHORSE	99740	no	no	yes
TAPS PUMP STA 5 PROSPECT CREEK	AKD980329577	DALTON HWY MP 137	COLDFOOT	99740	no	no	yes
TARGET STORE #T2339	AKD983068990	1801 EAST PARKS HIGHWAY	WASILLA	99654	no	no	no
TARGET STORE #T2371	AKR000203000	1200 NORTH MULDOON ROAD	ANCHORAGE	99504	no	no	no
TARGET STORE #T2372	AKR000203471	150 WEST 100TH AVENUE	ANCHORAGE	99515	no	no	no
TIREMOBILE INC.	AKR000004762	1215 E HUFFMAN R #4	ANCHORAGE	99515	no	no	yes
TOTAL RECLAIM, INC.	AKR000201897	12101 INDUSTRY WAY	ANCHORAGE	99515	no	no	no
TRIDENT SEAFOODS	AKD980836910	1 SALMON LANE	AKUTAN	99553	no	no	yes
TRUE NORTH MINE	AKR000004788	1 TWIN CREEKS ROAD	FAIRBANKS	99712	no	no	yes
TUBOSCOPE, KENAI FACILITY	AKD000711549	51896 OLD NIKISKI BEACH RD	NIKISKI	99635	no	no	no
TUBOSCOPE, PRUDHOE BAY FACILITY	AKD980738272	TRACT 64 SPINE ROAD	PRUDHOE BAY	99734	no	no	no
UCLA HIPAS OBSERVATORY	AKR000203117	7795 CHENA HOT SPRINGS RD	FAIRBANKS	99712	no	no	no
UNALAKLEET SNOW REMOVAL BUILDING (SREB)	AKR000203265	LAT 63 52 46 N LONG 160 47 50	UNALAKLEET	99684	no	no	no
UNITED RENTALS NORTHWEST INC	AKR000202465	1700 VAN HORN ROAD	FAIRBANKS	99701	no	no	no
UNIVERSITY OF ALASKA TOOLIK FLD STA	AKR000000117	MI 284.5 DALTON HWY	PRUDHOE BAY	99734	no	no	no
US ARMY FT GREELY	AK3210022155	RICHARDSON HWY	DELTA JUNCTION	99737	yes	no	no
US DOT FAA PUNTILLA LAKE	AKR000204610	62.100833, -152.719167	PUNTILLA LAKE	99506	no	no	no

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USAF BARTER ISLAND LRRS	AK5570028618	N 70 DEG 08 00 W 143 DEG 40 00	KAKTOVIK	99747	no	no	yes
USAF CAPE LISBURNE LRRS	AK1572728631	N 68 DEG 52 31 W 166 DEG 06 36	POINT HOPE	99766	no	no	yes
USAF CAPE NEWENHAM LRRS	AK7570028632	N 58 DEG 38` 47	PLATINUM	99651	no	no	yes
USAF CAPE ROMANZOF LRRS	AK9572728633	N 61 DEG 47' 27'	HOOPER BAY	99604	no	no	yes
USAF COLD BAY LRRS	AK0570028639	N 55 DEG 16 37 W 162 DEG 53 46	COLD BAY	99571	no	no	yes
USAF EARECKSON AIR STAION	AK9570028705	LAT/LONG: N 52 DEG 42 48; W 174 DEG	SHEMYA ISLAND	98736	no	no	yes
USAF FT YUKON LRRS	AK3572728654	N 71 DEG 17 00 W 156 DEG 50 00	FT YUKON	99740	no	no	yes
USAF GALENA AFS	AK9570028655	LONG N 58 DEG 41 15	GALENA	99741	no	no	yes
USAF INDIAN MOUNTAIN LRRS	AK0570028662	N 65 DEG 59 34 W 153 DEG 42 16	HUGHES	99754	no	no	yes
USAF KING SALMON AFS	AK3570028669	LONG N 58 DEG 40 61	KING SALMON	99613	no	no	yes
USAF KOTZEBUE LRRS	AK6570090112	N 66 DEG 53 06 W 162 DEG 45 48	KOTZEBUE	99752	no	no	yes
USAF KULIS AIR NATIONAL GUARD BASE	AK3570096021	5005 RASPBERRY RD	ANCHORAGE	99502	no	no	no
USAF LAKE LOUISE RECREATION CAMP	AKR000204792	62D 18'N; 146D 35'W	LAKE LOIUSE	99506	no	no	no
USAF OLIKTOK LRRS	AK5570028691	N 70 DEG 30 00 W 149 DEG 52 46	KUPARUK	99734	no	no	yes
USAF POINT BARROW LRRS	AK1570028695	N 71 DEG 17 00 W 156 DEG 50 00	BARROW	99723	no	no	yes
USAF SPARREVOHN LRRS	AK5570028709	N 61 DEG 06 00 W 155 DEG 35 24	STONEY RIVER	99557	no	no	yes
USAF TATALINA LRRS	AK1570028711	N 62 DEG 53` 30	MCGRATH	99627	no	no	yes
USAF TIN CITY LRRS	AK0570028712	N 65 DEG 35 15 W 167 DEG 55 18	WALES	99734	no	no	yes
USDHHS PHS KOTZEBUE HOSPITAL	AKR000001875	NW COR BISON ST & 3RD AVE	KOTZEBUE	99752	no	no	no
USDHS CG LORAN STATION SHOAL COVE	AKR000203927	LAT 55-25 50N, LONG 131-17 15W	KETCHIKAN	99901	no	no	no
USDOC NOAA KODIAK FISHERIES RESEARCH CEN	AKR000204578	301 RESEARCH COURT	KODIAK	99615	no	no	no
USDOI BIA BUILDING 402 REINDEER HOUSE	AKR000201806	105 EAST 1ST AVENUE	NOME	99762	no	no	no
USDOI BLM CLEARY HILL ABANDOND MINE LAND	AKR000201186	STEESE HWY MP 24.2	CHATANIKA	99712	no	no	no
USDOI BLM MELOZI HOT SPRINGS	AKR000204669	67.129722, -154.4125	RUBY	99768	no	no	no
USDOT FAA COLD BAY	AK6690502285	COLD BAY ARPRT NAV AIDS	COLD BAY	99571	no	no	no
USDOT FAA WOODY ISLAND	AK9690502258	57 46' 27.5N 152 21' 21.51W	KODIAK	99615	no	no	no
USEPA ARCTIC SURPLUS	AKD980988158	BADGER & OLD RICHARDSON HWY	FAIRBANKS	99707	no	no	no
USIBELLI COAL MINE INC	AKD002848745	100 RIVER RD	HEALY	99743	no	no	no
UTICA MINE CAMP	AKR000202770	LAT 66 04 32N LONG 162 43 02 W	DEERING	99736	no	no	no
WAL-MART #2188	AKR000004739	18600 EAGLE RIVER RD	EAGLE RIVER	99577	no	no	no
WAL-MART NUMBER 2722	AKR000200808	537 JOHANSEN EXPRESSWAY	FAIRBANKS	99701	no	no	no
WAL-MART STORE #2070	AKR000004713	3101 A STREET	ANCHORAGE	99503	no	no	no
WAL-MART STORE #2071	AKR000002782	8900 OLD SEWARD HWY	ANCHORAGE	99515	no	no	no
WAL-MART STORE #2711	AKR000003798	2911 MILL BAY RD	KODIAK	99615	no	no	yes

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WAL-MART SUPERCENTER #3814	AKR000000703	6525 GLACIER HWY	JUNEAU	99801	no	no	no
WALMART SUPERCENTER #2071 WAREHOUSE	AKR000203836	7801 KING STREET	ANCHORAGE	99515	no	no	no
WALMART SUPERCENTER #2074	AKR000004721	1350 S. SEWARD MERIDIAN PARKWAY	WASILLA	99654	no	yes	no
WALMART SUPERCENTER 4474	AKR000203562	10096 KENAI SPUR HIGHWAY	KENAI	99611	no	no	no
WEONA CORPORATION	AKR000203091	10501 OLIVE LANE	ANCHORAGE	99515	no	no	no
WEST CONSTRUCTION	AKR000204180	6120 A STREET	ANCHORAGE	99518	no	no	no
WESTWARD SEAFOODS INC	AKR000204602	1 MILE CAPTAINS BAY RD	DUTCH HARBOR	99692	no	no	no
YUKON FLATS NATIONAL WILDLIFE REFUGE ABA	AKR000203596	N 66 D 15.97 M; W 149 D 1.5 M	MANLEY HOT SPRING	99756	no	no	no
YUKON-KUSKOKWIM HEALTH CORPORATION	AKR000201673	700 CHIEF EDDIE HOFFMAN HWY	BETHEL	99559	no	no	no

--- End of Small Quantity Generator ---

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

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Generator Type: Cond. Exempt Small Quantity Generator **Number of handlers: 663**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
ADEC GLENNALLEN LDFL	AKD983074238	MI 122 RICHARDSON HWY	GLENNALLEN	99588	no	no	yes
ADEC JUNEAU FIRE TRAINING CTR	AKD980835805	2601 SHERWOOD LN	JUNEAU	99801	no	yes	yes
ADEC KETCHIKAN PUBLIC WRKS	AKD980983258	3915 N TONGASS	KETCHIKAN	99901	no	no	no
ADEC LOCAL RESPONSE PROGRAM KODIAK	AKD983069154	W REZONOF DR LASH TERMINAL	KODIAK	99615	no	no	no
ADEC MCGRATH CITY SHOPS	AKD983074253	123 MCGRATH ST	MCGRATH	99627	no	no	yes
ADEC SPAR/PERP/CART ANCHORAGE	AKR000200790	555 CORDOVA ST	ANCHORAGE	99501	no	no	no
AERO RECIP ALASKA	AKD006847156	4451B AIRCRAFT DR	ANCHORAGE	99502	no	no	no
AFSC/SIGNATURE FLIGHT SUPPORT PLANT NO 1	AKD983068545	1331 TIDEWATER RD PLT 1	ANCHORAGE	99501	no	no	no
AIR LIQUIDE AMERICA LP - ANCHORAGE	AKD009243718	6510 ARCTIC SPUR RD	ANCHORAGE	99518	no	no	yes
AIR LOGISTICS OF ALASKA INC	AKD075748038	1915 DONALD AVE	FAIRBANKS	99701	no	yes	no
AK DOT STATE TROOPERS MAINTENANCE FAC	AKR000200972	5158 TONGASS AVE	KETCHIKAN	99901	no	no	no
AKARNG 1 297TH INF OMS 3	AK8211890050	433 FRONT ST	NOME	99762	no	no	no
AKARNG 2 297TH INF OMS 4	AK7211890051	370 4TH AVE	BETHEL	99559	no	no	no
AKARNG 297TH SUPPORT BN	AK6211800150	3401 BOGARD RD	WASILLA	99687	no	no	no
AKARNG 3 297TH INF OMS 7	AK4211890054	NATL GUARD ARMORY	KOTZEBUE	99752	no	no	no
AKARNG A 6 297TH INF OMS 1	AK3211890048	355 WHITTIER ST	JUNEAU	99801	no	no	no
AKARNG AAOF 1	AKD983073297	NOME ARPRT	NOME	99762	no	yes	no
AKARNG AAOF BETHEL	AKD983073305	3571 AIRPORT RD	BETHEL	99559	no	yes	no
AKARNG AAOF JUNEAU	AKD983073321	8425 LIVINGSTON WAY	JUNEAU	99801	no	yes	no
AKARNG B 6 297 IN ARMORY OMS 5	AK2211890049	202 WEIN ST	FAIRBANKS	99701	no	no	no
AKARNG CSMS	AK5211890038	5300 E TUDOR RD	ANCHORAGE	99507	no	no	no
AKARNG KODIAK ARMORY	AK0000857516	125 POWELL ST	KODIAK	99615	no	no	no
ALAKANUK SCHOOLS LOWER YUKON SCHOOL DIST	AKR000202424	#1 ANDERSON STREET	ALAKANUK	99554	no	no	no
ALASKA AIRLINES BARROW	AKR000003400	1741 AHKOVAK ST	BARROW	99723	no	no	no
ALASKA AIRLINES CORDOVA	AKD983075862	CORDOVA ARPRT MI 13 COPPER RIV	CORDOVA	99574	no	no	no
ALASKA AIRLINES FAIRBANKS	AKD983069584	5175 AIRPORT INDUSTRIAL RD	FAIRBANKS	99706	no	no	no
ALASKA AIRLINES JUNEAU	AKD983069964	1873 SHELL SIMMONS DR	JUNEAU	99801	no	no	no
ALASKA AIRLINES KETCHIKAN	AKD983069592	1200 AIRPORT TERMINAL BLDG	KETCHIKAN	99901	no	no	no
ALASKA AIRLINES KODIAK	AK0000364968	STATE AIRPORT RD	KODIAK	99615	no	no	no
ALASKA AIRLINES KOTZEBUE	AKD983076605	RALPH WIEN MEMORIAL ARPRT	KOTZEBUE	99752	no	no	no
ALASKA AIRLINES NOME	AKR000001057	1 AIRPORT RD	NOME	99762	no	yes	no
ALASKA AIRLINES PETERSBURG	AKD983074196	1504 HAUGEN DR	PETERSBURG	99833	no	no	no
ALASKA AIRLINES PRUDHOE	AKD983074154	PRUDHOE BAY ARPRT	PRUDHOE BAY	99734	no	no	no
ALASKA AIRLINES SITKA	AKD983073206	600 AIRPORT RD	SITKA	99835	no	no	no

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ALASKA AIRLINES WRANGELL	AKD983074204	WRANGELL AIRPORT	WRANGELL	99929	no	no	no
ALASKA COASTAL AIRLINES	AK0000444174	JUNEAU INTL ARPRT BLK H LOT 7	JUNEAU	99801	no	no	no
ALASKA CYCLE CENTER LTD	AKR000201822	1118 E 5TH AVE	ANCHORAGE	99501	no	no	no
ALASKA DOT & PF 6860 GLACIER HWY	AKD983066366	6860 GLACIER HWY	JUNEAU	99801	no	no	yes
ALASKA DOT & PF ABBOTT RD	AKR000002766	ABBOTT RD NEW SEWARD HWY TO 88	ANCHORAGE	99510	no	no	no
ALASKA DOT & PF AK HWY EQ PERM REPAIRS	AKR000200774	MP 1303.3 ALASKA HIGHWAY	TOK	99780	no	yes	no
ALASKA DOT & PF ANCHORAGE	AKD981764772	4801 BONIFACE PKY	ANCHORAGE	99507	no	no	yes
ALASKA DOT & PF DELTA M&O FACILITY	AKR000002964	JUNCTION OF AK HWY AND RICHARD	DELTA JUNCTION	99737	no	no	no
ALASKA DOT & PF EQUIPMENT SILVERTIP STAT	AKR000203430	35200 HOPE HWY	HOPE	99605	no	no	no
ALASKA DOT & PF FAIRBANKS INTL ARPT	AKD983068677	6450 AIRPORT WY, SUITE 1	FAIRBANKS	99709	no	no	yes
ALASKA DOT & PF GUSTAVUS AIRPORT	AKR000000208	GUSTAVUS AIRPORT	GUSTAVUS	99826	no	no	no
ALASKA DOT & PF KODIAK M&O FAC	AKD983074998	1500 ANTON LARSEN RD	KODIAK	99615	no	no	yes
ALASKA DOT & PF MILLION DOLLAR BRIDGE	AKR000200535	COPPER RIVER HWY ROUTE 851	CORDOVA	99574	no	yes	no
ALASKA DOT & PF NOME	AKD983075276	3.5 MI COUNCIL HWY	NOME	99762	no	no	no
ALASKA DOT & PF PEGER ROAD	AKD983075458	2301 PEGER RD	FAIRBANKS	99709	no	yes	yes
ALASKA DOT & PF TOK MAINT & OPER FACIL	AKR000004028	MP 123.8 TOK HWY	TOK	99780	no	no	yes
ALASKA DOT NORTH KENAI MAINTENANCE STATI	AKR000203455	51150 ISLAND LAKE RD	KENAI	99611	no	no	no
ALASKA FURNITURE MFRS INC	AKD055492813	144 E POTTER RD	ANCHORAGE	99518	no	yes	no
ALASKA LAUNDRY INC	AKD035417872	1114 GLACIER AVE	JUNEAU	99801	no	no	no
ALASKA MECHANICAL, INC.	AKR000003053	8540 DIMOND D CIRCLE	ANCHORAGE	99515	no	no	no
ALASKA OIL SALES SOLDOTNA	AKD000834838	35235 KENAI BEACH RD	SOLDOTNA	99669	no	no	yes
ALASKA PAINTING SERVICE	AKR000004101	1658 EAST 59TH AVE	ANCHORAGE	99507	no	no	no
ALASKA PIPELINE COMPANY BAILEY DRIVE MET	AKR000204479	BAILEY DRIVE TRACT C	ANCHOR POINT	99556	no	no	no
ALASKA SALES & SVC INC	AKD035400514	1300 E 5TH AVE	ANCHORAGE	99501	no	no	no
ALASKA SEALIFE CENTER	AKR000003392	301 RAILWAY AVE	SEWARD	99664	no	no	no
ALASKA ST OF CANNERY CR HATCHERY PR WM S	AKD982657652	UNAKWIK INLET	PRINCE WILLIAM SOU	99686	no	no	no
ALASKA ST OF CHEM LAB	AKD983074162	10107 BENTWOOD PL	JUNEAU	99801	no	no	no
ALASKA ST OF DNR GERSTLE RVR EXPAN AREA	AKR000002246	20 MI E OF DELTA JUNCTION	DELTA JUNCTION	99737	no	no	no
ALASKA TOOL & EQUIPMENT SVC	AKD983068610	3207 ARCTIC BLVD	ANCHORAGE	99503	no	no	no
ALASKA WEST EXPRESS INC	AKD070056239	1048 WHITNEY RD	ANCHORAGE	99501	no	yes	yes
ALASKA WEST EXPRESS INC	AKD099032682	660 OCEAN DOCK RD	ANCHORAGE	99501	no	yes	no
ALASKA WEST EXPRESS INC	AKD983069550	1095 SANDURI ST	FAIRBANKS	99701	no	yes	no
ALCAN ENVRIONMENTAL INC 70TH AVE	AKR000000810	1118 E 70TH AVE	ANCHORAGE	99518	no	yes	no
ALUTIIQ OILFIELD SOLUTIONS, LLC	AKR000203489	LOT 6, BLOCK 302	DEADHORSE	99734	no	no	no

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ALYESKA PETRO STAR LAB	AKR000001065	1200 H & H LN STE A	NORTH POLE	99705	no	no	yes
ALYESKA MAINLINE REFRIGERATION UNIT 7	AKD983076266	RICHARDSON HWY MP 115	GLENNALLEN	99588	no	no	yes
ALYESKA NORDALE YARD	AKD980738066	738 NORDALE RD	NORTH POLE	99705	no	yes	yes
ALYESKA NORTH POLE METERING STA	AKD983076175	SEAVEY RD	NORTH POLE	99705	no	no	yes
ALYESKA SEAFOODS INC	AKR000001990	551 W BROADWAY	UNALASKA	99685	no	no	no
ALYESKA SHIP ESCORT RESPONSE BASE ANNEX	AKD983076290	1423 MINERAL CREEK LOOP RD	VALDEZ	99686	no	no	yes
ALYESKA TAPS PUMP STATION 12	AKD980329643	RICHARDSON HIGHWAY MILEPOST 65	COPPER CENTER	99573	no	no	no
ALYESKA TAPS PUMP STATION 2	AKD980329536	DALTON HIGHWAY MILE POST 360	DEADHORSE	99734	no	no	yes
AMERICAN TIRE & WAREHOUSE	AKD983075649	1949 E 5TH AVE	ANCHORAGE	99501	no	no	no
AML&P GM SULLIVAN PLT 2	AKD983066218	8670 GLENN HWY	ANCHORAGE	99504	no	no	no
ANALYTICA ALASKA INC	AKR000003459	811 W 8TH AVE	ANCHORAGE	99501	no	no	no
ANALYTICA INTERNATIONAL INC	AKR000005074	3330 INDUSTRIAL AVE	FAIRBANKS	99701	no	no	no
ANALYTICA INTERNATIONAL, INC.	AKR000000075	5761 SILVERADO WAY STE N	ANCHORAGE	99518	no	no	no
ANCHORAGE CY OF MAINTENANCE & SIGN SHOP	AK9211890059	2839 MOUNTAIN VIEW DR	ANCHORAGE	99519	no	no	no
ANCHORAGE CY OF MUNI LIGHT & PWR PLANT 1	AKR000003301	821 E FIRST AVE	ANCHORAGE	99501	no	no	no
ANCHORAGE DAILY NEWS	AKD041921503	1001 NORTHWAY DR	ANCHORAGE	99508	no	no	no
ANCHORAGE FIRE STATION 11	AKD983073362	16641 EAGLE RIVER RD	EAGLE RIVER	99577	no	no	no
ANCHORAGE MUNICIPAL BERING ST SHOP	AKD983076076	4333 BERING ST	ANCHORAGE	99503	no	no	no
ANCHORAGE MUNICIPAL LIGHT & POWER	AKD039269618	1200 E 1ST AVE	ANCHORAGE	99501	no	yes	no
ANCHORAGE MUNICIPAL NORTHWOOD SHOP	AKD981773476	5701 NORTHWOOD DR	ANCHORAGE	99517	no	no	no
ANCHORAGE MUNICIPAL SHOP APD	AKD983076068	4501 S BRAGAW ST	ANCHORAGE	99507	no	no	no
ANCHORAGE MUNICIPALITY OF HAZ WA COL	AKD982655839	GLENN HWY & HILAND RD	EAGLE RIVER	99577	no	no	no
ANCHORAGE MUNICIPALITY PUBLIC TRANS DEPT	AKD981767015	3650D E TUDOR RD	ANCHORAGE	99507	no	no	no
ANCHORAGE NISSAN	AKD983070004	4748 OLD SEWARD HWY	ANCHORAGE	99503	no	yes	no
ANCHORAGE TANK AND WELDING INC	AKR000203273	2723 RAMPART DRIVE	ANCHORAGE	99501	no	no	no
ANCHORAGE TELEPHONE UTILITY	AKD045751666	600 TELEPHONE AVE	ANCHORAGE	99503	no	no	no
ANDERSON TUG & BARGE CO	AKR000003194	1401 4TH AVE #2C	SEWARD	99664	no	yes	no
ANNA PLATFORM - HILCORP ALASKA, LLC	AKD983069402	LAT 60 58 37N LONG 151 18 46W	KENAI	99611	no	no	no
APL TERMINAL 1	AKR000002097	1125 E POINT RD	DUTCH HARBOR	99692	no	yes	yes
ARCTIC AUTO ATV & ELECTRICAL REPAIR	AKD983076399	445 OLD RICHARDSON HWY	FAIRBANKS	99701	no	no	no
ARCTIC AVIATION	AKR000003582	3580 UNIVERSITY AVE	FAIRBANKS	99701	no	no	no
ARCTIC CIRCLE AIR SVC INC	AKD983074261	6260 OLD AIRPORT WAY	FAIRBANKS	99706	no	yes	yes
ARCTIC MAINTENANCE WAREHOUSE SITE	AKR000204347	CORNER OF 3RD AVE AND AIRPORT	KOTZEBUE	99752	no	no	no
ARCTIC PIPE INSPECTION INC	AK0000010439	TRACTS 19A & 20A SPINE RD	PRUDHOE BAY	99734	no	no	no

generator type designators

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EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

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Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
AT & T	AKR000005488	6 MILES SW OF PALMER GLENN HWY	PALMER	99645	no	no	no
AT&T ALASCOM INC ANCHORAGE	AKD044593515	210 E BLUFF RD	ANCHORAGE	99501	no	no	no
AT&T ALASCOM INC FAIRBANKS	AKR000002337	717 W 30TH AVE	FAIRBANKS	99701	no	no	no
AT&T ALASCOM INC JUNEAU	AKD981762685	17103 LENA LOOP RD	JUNEAU	99801	no	no	no
AT&T ALASCOM INC PEDRO DOME	AKD981761026	1440 PEDRO DOME RD	FAIRBANKS	99712	no	no	no
AT&T ALASCOM INC TOK	AKR000202085	1ST AND E SLANA AVE	TOK	99780	no	no	no
AURORA ENERGY LLC PWR PLNT & GARAGE	AKR000000448	1204 1ST AVE	FAIRBANKS	99701	no	no	no
AURORA VILLAGE CHEVRON SS 91356	AKD983068370	1465 W NORTHERN LIGHTS BLVD	ANCHORAGE	99503	no	no	no
AUTO ELECTRIC REBUILDING & BATTERY	AKR000002931	600 W 58TH AVE UNIT F	ANCHORAGE	99518	no	no	no
AVIATION MANAGEMENT DIRECTORATE (ARO)	AKR000204453	4405 LEAR COURT	ANCHORAGE	99502	no	no	yes
B C EXCAVATING INC	AKD983072950	2251 CINNABAR LP	ANCHORAGE	99507	no	no	no
B J SERVICES CO USA	AKD980977565	BJ TITAN CAMP	PRUDHOE BAY	99734	no	no	no
BADAMI CENTRAL PRODUCTION FACILITY (BAD-	AKR000003244	SEC 8 T9N-R20E UMIAT MERIDIAN	NORTH SLOPE	99734	no	no	no
BAKER OIL TOOLS-PRODUCTION SHP	AKD983074170	69 + 70 DRILLSITE DR	DEADHORSE	99734	no	no	no
BAKER OIL-FISHING/MACH	AKR000003996	SPINE RD NORTH SIDE	DEADHORSE	99734	no	no	no
BAKER PETROLITE KENAI WHSE	AKD983069493	14704 KENAI SPUR HWY	KENAI	99611	no	no	no
BAKER PLATFORM - HILCORP ALASKA, LLC	AKD983069394	LAT 60 49 45 N LONG 151 29 01W	KENAI	99611	no	no	no
BEATS WALKIN	AKR000005330	1425 VIKING	ANCHORAGE	99501	no	no	no
BETHEL CY OF CITY SHOP & LANDFILL	AKR000003434	1155 RIDGECREST	BETHEL	99559	no	yes	yes
BETTRIDGE WAREHOUSE	AKD983073164	LOT 1 SWANEE SLOPE SUBDIVISION	CHUGIAK	99567	no	no	no
BIRCHWOOD AUTO REPAIR	AKD980986970	18792 S BIRCHWOOD LOOP	CHUGIAK	99567	no	no	no
BLACK SHEEP AVIATION, LLC	AKR000205005	4044 EIDER CIRCLE	WASILLA	99654	no	no	yes
BLACKWELL LOGGING CAMP-KENNEL CREEK LOGG	AKD983075193	FRESHWATER BAY 20 MI N OF CY	CHICHAGOF ISLAND-T	99841	no	no	no
BOBS SVC INC	AKD983073818	2009 SPAR AVE	ANCHORAGE	99501	no	no	no
BORNITE LEGACY SUPPORT SITE	AKR000203018	LAT 67 03 33.01 N LONG 156 56	KOBUK	99751	no	no	no
BOYLES BROS DRILLING CO	AKD983075813	2440 CINNEBAR LP	ANCHORAGE	99507	no	no	no
BRISTOL BAY AREA HEALTH CORP	AKR000002709	KANAKANAK HOSPITAL COMPOUND	DILLINGHAM	99576	no	no	no
BROOKS FUEL INC	AKR000204131	6186 OLD AIRPORT WAY	FAIRBANKS	99709	no	no	no
BROWN BEAR BODY & PAINT	AKR000002386	1155 E 70TH AVE	ANCHORAGE	99518	no	no	no
BRUCE PLATFORM - HILCORP ALASKA, LLC	AKD983069410	LAT 60 59 46 N LONG 151 17 52W	KENAI	99611	no	no	no
C STREET AUTO REPAIR	AKD983075789	5901 ARCTIC BLVD	ANCHORAGE	99503	no	yes	yes
CALEB BRETT USA INC INCHCAPE TESTING SVC	AKD982652646	321 EGAN ST	VALDEZ	99686	no	no	no
CAPITOL DISPOSAL	AKD983069337	5600 TONSGARD CT	JUNEAU	99801	no	no	no
CAR CARE INC	AKR000200329	MILE 45.7 PARKS HIGHWAY	WASILLA	99654	no	no	no

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CARQUEST OF FAIRBANKS #4307	AKR000204008	2525 SKEETER DR	FAIRBANKS	99709	no	no	no
CARQUEST OF KENAI #4309	AKR000204495	106 S WILLOW	KENAI	99611	no	no	no
CARQUEST OF SOLDOTNA #4315	AKR000204024	44742 STERLING HWY	SOLDOTNA	99669	no	no	no
CARQUEST OF WASILLA #4313	AKR000204016	790 SWANSON AVE	WASILLA	99654	no	no	no
CARVER BUS BARN	AKD983071127	35145 KALIFORNSKY BEACH RD	SOLDOTNA	99669	no	no	no
CCI INC DEADHORSE FACILITY	AKR000005199	BLDG A LOT 2 BLOCK 80	DEADHORSE	99734	no	yes	no
CCI, INC. ANCHORAGE FACILITY	AKR000005181	5401 FAIRBANKS ST	ANCHORAGE	99518	no	yes	no
CHANNEL FLYING	AK0000385583	8995 YANDUKIN DR	JUNEAU	99801	no	no	no
CHAZ LIMITED	AKR000204149	511 30TH AVE	FAIRBANKS	99701	no	no	no
CHENA MARINA AIR SERVICES	AKR000003632	1174 DOLPHIN WAY	FAIRBANKS	99701	no	no	no
CHENA RIVER FAIRBANKS ABANDONED DRUM	AKR000205260	CHENA RIVER, FT WAINWRIGHT	FT WAINWRIGHT	99703	no	no	no
CHEVRON 1001428	AKR000202705	MILE MARKER 0.25 EAST POINT	DUTCH HARBOR	99692	no	no	no
CHEVRON 92114	AKR000005009	3245 COLLEGE RD	FAIRBANKS	99709	no	no	no
CHEVRON SS 91518	AKR000005520	2927 SEWARD HIGHWAY	ANCHORAGE	99503	no	no	no
CHEVRON USA INC 90148	AKD983075920	832 E 6TH AVE	ANCHORAGE	99501	no	no	no
CHEVRON USA INC 97324	AKD983071697	4417 LAKE OTIS PKWY	ANCHORAGE	99507	no	no	no
CHEVRON USA INC 98557	AKD983073214	415 MULDOON RD	ANCHORAGE	99504	no	no	no
CHEVRON USA INC SS 206580	AKR000002972	9200 LAKE OTIS PKWY	ANCHORAGE	99507	no	no	no
CHEVRON USA INC SS 90932	AKD983069915	2200 W DIMOND BLVD	ANCHORAGE	99515	no	no	no
CHEVRON USA INC SS 94115	AKD983069832	11460 OLD SEWARD HWY	ANCHORAGE	99515	no	no	no
CHEVRON USA INC SS 95799 CHRIS WYATT	AKD983069642	2500 SEWARD HWY	ANCHORAGE	99503	no	no	no
CHEVRON USA INC SS 96585	AKD983069659	815 W INTERNATIONAL AIRPORT RD	ANCHORAGE	99518	no	no	no
CHEVRON USA INC SS 99014 BRODY INC	AKD983069667	3608 MINNESOTA DR	ANCHORAGE	99503	no	no	no
CHEVRON USA INC SS 99677	AKD983069675	439 W EVERGREEN	PALMER	99645	no	no	no
CHUGACH ELECTRIC ASSN BERNICE LK PWR PLT	AKD980329874	KENAI SPUR HWY MI 22.8	KENAI	99611	no	no	no
CHUGACH ELECTRIC ASSN COOPER LAKE	AKD981768674	SNUG HARBOR RD MI 8.5	KENAI	99611	no	no	no
CHUGACH ELECTRIC ASSN INTL STA	AKD980329858	5601 ELECTRON DRIVE	ANCHORAGE	99518	no	no	no
CIMARRON HOLDINGS DEADHORSE	AKD983070020	SPINE RD CIMARRON PAD	DEADHORSE	99740	no	no	yes
CITY BOAT HARBOR	AKR000004481	SMALL BOAT HARBOR	SEWARD	99664	no	no	yes
CITY OF UNALAKLEET	AKR000202333	28 MAIN ST	UNALAKLEET	99684	no	no	no
CLEAN HARBORS ENVIRONMENTAL SERVICES INC	AKR000204842	552 WEST 58TH AVE SUITE G	ANCHORAGE	99518	no	no	no
CLEARWATER ENVIRONMENTAL INC	AKR000000935	1760 ABBOTT RD	ANCHORAGE	99507	no	yes	yes
COLUMBIA HELICOPTERS, INC	AKR000200964	7284 N TONGASS HWY	WARD COVE	99928	no	no	no
CONICAL OFFSHORE DRILLING UNIT KULLUK -	AKR008752219	3601 C STREET, SUITE 1000	ANCHORAGE	99503	no	no	no

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CONOCOPHILLIPS AK INC - ANCHORAGE TOWER	AKD048422034	700 G ST	ANCHORAGE	99510	no	no	no
CONOCOPHILLIPS AK, INC ALPINE FACILITY	AKR000003806	9 MI N OF NUIQSUT	NUIQSUT	99789	no	no	no
CONOCOPHILLIPS ALASKA SCC CASA HANGAR	AKR000200220	500 AIRPORT RD	DEADHORSE	99734	no	no	no
CONSTRUCTION MACHINERY INC	AKD983072976	MI 7 N TONGASS HWY	KETCHIKAN	99901	no	no	no
COOK INLET NATURAL GAS STORAGE FACILITY	AKR000204032	1377 & 1430 BRIDGE ACCESS RD	KENAI	99611	no	no	no
COPPER VALLEY ELECTRIC ASSOC	AKD041331067	GLENN HWY MP 187	GLENNALLEN	99588	no	no	yes
CORDOVA CY OF BALER SITE	AKR000001941	MI 1.2 WHITESHED RD	CORDOVA	99574	no	no	no
CORNERSTONE MARKET PLACE	AKR000204826	43977 STERLING HWY	SOLDOTNA	99669	no	no	no
COSTCO WHOLESALE 10	AKD983075839	330 W DIMOND BLVD	ANCHORAGE	99515	no	no	no
COSTCO WHOLESALE 107	AKR000003764	5225 COMMERCIAL WY	JUNEAU	99801	no	no	no
COSTCO WHOLESALE 63	AK0000882274	4125 DEBARR RD	ANCHORAGE	99508	no	no	no
CRAIG KLAWOCK LDFL	AKD983075953	3.5 MI CRAIG KLAWOCK HWY	CRAIG	99921	no	no	no
CRIPPLE CRK TIRE & AUTO	AKD983072687	2502 PARKS HWY	FAIRBANKS	99709	no	no	no
CROWLEY ALL TERRAIN CORP	AKD070052238	TRACT 40-42 SPINE ROAD	PRUDHOE BAY	99734	no	no	no
CROWLEY MARINE SERVICES INC	AKD983067356	WEST DOCK	PRUDHOE BAY	99734	no	no	no
CROWLEY MARINE SVCS CAPTAINS BAY	AK0000146720	2180 CAPTAINS BAY RD	UNALASKA	99685	no	yes	yes
CROWLEY MARINE SVCS KOTZEBUE	AKD000834861	940 3RD ST	KOTZEBUE	99752	no	yes	yes
CROWLEY MARINE SVCS NOME	AKD000834895	316 W 1ST AVE	NOME	99762	no	yes	no
CROWLEY PETROLEUM DISTRIBUTION INC - AN	AKD000831750	459 WEST BLUFF DR	ANCHORAGE	99501	no	no	no
CUMMINS NORTHWEST, INC.	AKR000004440	2618 COMMERCIAL DR	ANCHORAGE	99501	no	no	no
DAVIS CONSTRUCTORS & ENGINEERS, INC.	AKR000200444	740 BONANZA AVE	ANCHORAGE	99518	no	no	no
DEAN'S AUTOMOTIVE SERVICE	AKR000003855	1131 E SEVENTH AVE	ANCHORAGE	99501	no	yes	yes
DEAN`S AUTO SALVAGE	AKD981763568	720 EAST WHITNEY ROAD	ANCHORAGE	99501	no	no	no
DELONG MT REGIONAL TRANS SYSTEM PORT FAC	AKD983073388	17 MI SE OF KIVALINA	KIVALINA	99750	no	no	no
DELTA AIR LINES INC	AKR000005249	6300 BOEING AVE	ANCHORAGE	99502	no	no	no
DELTA FUEL INC TOK JUNCTION	AKD000834994	P O BOX 225	TOK	99780	no	no	no
DELTA HIGH SCHOOL RENOVATIONS, WEATHERIZ	AKR000203372	2610 ISABEL AVENUE	DELTA JUNCTION	99737	no	no	no
DELTA INDUSTRIAL SERVICES INC	AKR000200246	1229 RICHARDSON HWY	DELTA JUNCTION	99737	no	yes	yes
DELTA WESTERN	AKD000834879	MILE 0 PENINSULA HWY	NAKNEK	99633	no	no	no
DELTA WESTERN DILLINGHAM	AKD000834754	309 MAIN STREET	DILLINGHAM	99576	no	no	no
DELTA WESTERN HAINES	AKR000000901	900 MAIN ST	HAINES	99827	no	no	yes
DELTA WESTERN HAINES II	AKD000834796	MILE 0 HAINES HWY	HAINES	99827	no	no	no
DELTA WESTERN INC, VESSEL OPERATIONS	AKR000204644	420 L STREET SUITE 101	ANCHORAGE	99501	no	no	no
DELTA WESTERN WRANGELL	AKD000835017	1417 PENINSULA STREET	WRANGELL	99929	no	no	no

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DELTA WESTERN YAKUTAT	AKD000835025	AIRPORT DRIVE	YAKUTAT	99689	no	no	no
DENALI MINE CANTWELL	AKD982656761	DENALI HWY MI 78	CANTWELL	99729	no	no	yes
DICK'S BODY SHOP	AKR000200956	1638 TONGASS AVENUE	KETCHIKAN	99901	no	no	no
DILLON PLATFORM - HILCORP ALASKA, LLC	AKD983069428	LAT 60 44 08 N LONG 151 31 45W	KENAI	99611	no	no	no
DIMOND CLEANERS	AKD983075722	611 W DIMOND BLVD	ANCHORAGE	99515	no	no	no
DIVERSIFIED TIRE INC	AKR000200337	2550 PALMER WASILLA HWY	WASILLA	99654	no	no	no
DOLLY VARDEN PLATFORM - HILCORP ALASKA,	AKD981761778	T8N R13W S6	TYONEK	99682	no	no	no
DOYON UTILITIES, LLC - JOINT BASE ELEMEN	AKR000204883	36012 ARCTIC VALLEY RD	JBER-R ANCHORAGE	99505	no	no	no
DRIFT RIVER TERMINAL COOK INLET PIPELINE	AKD000641811	ANCHORAGE APPROX 90 MI SW OF	DRIFT RIVER	99600	yes	no	no
DYNAIR SVCS INC	AKD983075086	5011 AIRCRAFT DR	ANCHORAGE	99502	no	no	no
E W SAYBOLT & CO INC	AKD983072984	101 HAZELET	VALDEZ	99686	no	no	no
EARTH MOVERS OF FAIRBANKS INC	AKD049983273	925 AURORA DR	FAIRBANKS	99709	no	no	no
EDS UNLIMITED AUTOBODY & PAINT	AKD983075219	1300 E 74TH AVE	ANCHORAGE	99518	no	no	no
EKLUTNA POWER PLANT	AK9891760028	OLD GLENN HWY 4 MI	PALMER	99645	no	no	no
EMERALD ALASKA, INC.	AKD983068685	425 OUTER SPRINGER LP RD	PALMER	99645	no	no	yes
EMERALD ALASKA, INC.	AKD983069949	1315 QUEENS WAY	FAIRBANKS	99701	no	yes	yes
EMERALD ALASKA, INC.	AKR000203984	44066 KENAI SPUR HIGHWAY	KENAI	99611	no	yes	yes
EMMONAK CY OF	AKD980835482	EMMONAK UTILITY CTR	EMMONAK	99581	no	no	no
ENGINE & GEAR WORKS INC	AK0000033902	2130 E DIMOND BLVD	ANCHORAGE	99515	no	no	no
ENSTAR NATURAL GAS CO - ANCHORAGE	AKD980984843	401 E INTERNATIONAL AIRPORT RD	ANCHORAGE	99518	no	no	no
ENSTAR NATURAL GAS CO - WASILLA	AKR000201541	3351 PALMER-WASILLA HWY	WASILLA	99654	no	yes	no
ENSTAR NATURAL GAS CO SOLDOTNA	AKD980984256	36225 KENAI SPUR RD	SOLDOTNA	99669	no	no	no
ENVIRONMENTAL COMPLIANCE CONSULTANTS	AKR000202408	1500 POST ROAD	ANCHORAGE	99501	no	yes	yes
ENVIRONMENTAL COMPLIANCE CONSULTANTS	AKR000205070	2517 OLD RICHARDSON HWY UNIT B	NORTH POLE	99705	no	no	yes
ENVIRONMENTAL COMPLIANCE CONSULTANTS (EC	AKR000203067	915 30TH AVENUE #111	FAIRBANKS	99701	no	no	no
ENVIROTECH LLC NIKISKI FACILITY	AKR000200196	46645 KENAI SPUR HWY	NIKISKI	99635	no	no	no
ENVIROTECH LLC TYONEK FACILITY	AKR000200204	T11N R11W S14	TYONEK	99682	no	no	yes
ESTER CREEK SAND AND GRAVEL	AKR000204156	MILE 2 ESTER CREEK RD	ESTER	99725	no	no	no
EVERGREEN AVIATION	AKR000004887	3501 POSTMARK DRIVE	ANCHORAGE	99502	no	no	no
EVERTS AIR FUEL	AKD983075557	6348 OLD AIRPORT RD	FAIRBANKS	99709	no	yes	yes
F M C CORP SURFACE WELLHEAD	AKD983071689	700 W INTL AIRPORT RD	ANCHORAGE	99518	no	no	no
FAIRBANKS CY OF CITY HALL	AKR000000463	810 CUSHMAN ST	FAIRBANKS	99701	no	no	no
FAIRBANKS CY OF PUBLIC WORKS	AKR000000471	2121 PEGER RD	FAIRBANKS	99701	no	no	no
FAIRBANKS MEMORIAL HOSPITAL HOME HEALTH	AKR000202671	1302 21ST AVE	FAIRBANKS	99701	no	no	no

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FAIRBANKS NORTH STAR SCHOOL DISTRICT	AKD980976682	1300 MINNIE ST	FAIRBANKS	99701	no	no	no
FAIRBANKS PIONEERS HOME	AKR000003731	2221 EAGAN AVE	FAIRBANKS	99701	no	no	no
FAIRBANKS SEWER & WATER INC DR WTR PLANT	AKR000003152	1205 FIRST AVE	FAIRBANKS	99701	no	no	no
FEDERAL EXPRESS CORP ROCKWELL AVE	AKD983068453	6050 ROCKWELL AVE	ANCHORAGE	99502	no	no	yes
FEDERAL EXPRESS CORPORATION	AKR000203547	3444 W INTERNATIONAL AIRPORT BLVD	ANCHORAGE	99502	no	no	no
FEDEX GROUND	AKR000201772	1550 RESSEL AVE	ANCHORAGE	99518	no	no	no
FIFTH AVE AUTO CTR	AKD982657447	1801 E 5TH AVE	ANCHORAGE	99501	no	no	no
FIRE STATION #6	AKR000204701	1301 PATTERSON ST	ANCHORAGE	99504	no	no	no
FLINT HILLS RESOURCES FAIRBANKS TERMINAL	AKD000835033	5500 AIRPORT WY	FAIRBANKS	99709	no	no	no
FOOD SERVICES OF AMERICA	AKR000201533	10420 OLIVE LANE	ANCHORAGE	99515	no	no	no
FRED MEYER NORTHERN LIGHTS	AKR000002220	1000 E NORTHERN LIGHTS BLVD	ANCHORAGE	99508	no	no	no
FROSTY FUEL COLD BAY TANK FARM	AK0001017771	LOT 4 & 5 REEVE BLVD	COLD BAY	99571	no	yes	no
G W C INC DBA DENALI CAR RENTAL	AKD983075607	1209 GAMBELL ST	ANCHORAGE	99501	no	no	yes
GARRETT'S TESORO NO 1	AKR000002402	2811 NEW SEWARD HWY	ANCHORAGE	99503	no	no	no
GLACIER BAY AIRWAYS	AK0000385591	JUNEAU INTL ARPRT BLK D LOT 3	JUNEAU	99880	no	no	no
GOLDEN HEART UTILITIES WWTP	AKD079261830	4747 PEGER RD	FAIRBANKS	99701	no	no	no
GOLDEN VALLEY ELECTRIC AS BESS	AKR000005108	909 BIDWELL ST	FAIRBANKS	99701	no	no	no
GRAND AUTO	AKD121155360	7725 OLD SEWARD HWY	ANCHORAGE	99518	no	no	no
GRAND AUTO	AKD980983910	1000 E NORTHERN LIGHTS BLVD	ANCHORAGE	99508	no	no	no
GRANITE POINT PLATFORM - HILCORP ALASKA,	AKD982651481	T10N R12W S13	KENAI	99611	no	no	no
GRANITE POINT TANK FARM - HILCORP ALASKA	AKD982656027	33 ML NORTHWEST OF KENAI	KENAI	99611	no	no	no
GRAYLING PLATFORM - HILCORP ALASKA, LLC	AKD982655847	T9N R13W S29	KENAI	99611	no	no	no
GREAT WESTERN CHEMICAL CO KENAI	AKD983069485	MI 17 KENAI SPUR HWY	KENAI	99611	no	no	no
GREEN CONNECTION	AKD019522135	804 E 15TH	ANCHORAGE	99501	no	no	no
GUSTAVUS LDFL HHW PROGRAM	AK0000594408	DOCK RD .5 MI S OF AIRPORT RD	GUSTAVUS	99826	no	no	no
HAGELAND AVIATION SERVICES	AKW000000288	4700 W INTERNATIONAL AIRPORT RD	ANCHORAGE	99502	no	yes	yes
HAINES LDFL	AKD983075961	1.5 MI FAA RD	HAINES	99827	no	no	no
HALLIBURTON ENERGY SVCS CEMENT PROD SVC	AKD980976559	SPINE RD POUCH 340054	PRUDHOE BAY	99734	no	no	yes
HALLIBURTON ENERGY SVCS LOGGING SITE	AKD980976369	SPINE RD POUCH 340026	PRUDHOE BAY	99734	no	no	no
HALLIBURTON ENERGY SVCS TOOLS & TESTING	AKD983072810	MI 85.8 STERLING HWY	STERLING	99672	no	no	no
HALLIBURTON ENRGY SRVC (BAROID, SPERRY)	AKR000004655	SPINE ROAD POUCH 340049	PRUDHOE BAY	99734	no	no	no
HANSON WYATT INC SVC STA 95414	AKD983068818	5210 OLD SEWARD HWY	ANCHORAGE	99518	no	yes	no
HAPPY VALLEY GAS PRODUCTION FACILITY	AKR000202481	T2 S, R13 W, SECTION 22	NINILCHIK	99639	no	no	no
HD SUPPLY WATERWORKS LTD - WW5850	AKR000202077	440 W 40TH AVE	ANCHORAGE	99503	no	no	no

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

Number of Regulated Generators: 936

Generator Type: Cond. Exempt Small Quantity Generator **Number of handlers: 663**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
HILCORP ALASKA LLC BEAVER CREEK PRODUCTI	AKD981763220	T7N R10W S 27, 33, 34	BEAVER CREEK	99224	no	no	yes
HILCORP ALASKA LLC KENAI GAS FIELD	AKD982655904	35350 KALIFORNSKY BEACH ROAD	KENAI	99611	no	no	yes
HILCORP ALASKA LLC SUSAN DIONNE PAD	AKR000204974	RED BEACH ROAD	NINILCHIK	99639	no	no	yes
HOMER CY OF DEPT OF PUBLIC WORKS	AKD982652059	3575 HEATH ST	HOMER	99603	no	no	no
HOMER ELECTRIC ASSN CPSC	AKD983076050	280 AIRPORT WAY	KENAI	99611	no	no	no
HOMER HS KENAI PENINSULA BOROUGH	AKD983074360	600 E FAIRVIEW	HOMER	99603	no	no	no
HOONAH TRADING COMPANY	AKD000834812	147 FRONT ST	HOONAH	99829	no	yes	yes
HYDABURG CY OF LANDFILL HHW PROGRAM	AKR000003889	1.5 MI SALTERY RD	HYDABURG	99922	no	no	no
HYDRAULIC CENTER	AKR000203810	220 E VAN HORN RD	FAIRBANKS	99701	no	no	no
ICY CAPE LOGGING CAMP	AKD983073859	75 MI NW OF CY	YAKUTAT	99689	no	no	no
INTERTEK TESTING CALEB BRETT	AKR000004069	354 FARIBANKS STREET	VALDEZ	99686	no	no	no
J & M AIRCRAFT	AKR000201178	BIG LAKE AIRPORT	BIG LAKE	99652	no	no	no
JEWEL LAKE CLEANERS & LAUNDRY	AKD983071663	9001 JEWEL LAKE RD BAY 8	ANCHORAGE	99502	no	no	no
JIFFY LUBE	AKD980986160	360 W DIMOND BLVD	ANCHORAGE	99515	no	no	no
JIFFY LUBE	AKD983068925	3429 E TUDOR RD	ANCHORAGE	99507	no	no	no
JL PROPERTIES PARKING LOT	AKR000200360	122 W 5TH AVE	ANCHORAGE	99501	no	no	no
JOES BODY PAINT & FRAME	AKD983068842	774 FISCHER AVE	ANCHORAGE	99518	no	no	no
JOHNSON TIRE	AKR000201152	751 S PALMER-WASILLA HWY	WASILLA	99654	no	no	no
JOHNSONS TIRE SVC INC	AK0000145151	2839 MINNESOTA DR	ANCHORAGE	99503	no	no	no
JUNEAU CY OF HOUSEHOLD HW PROGRAM	AKR000003376	5436 COMMERCIAL BLVD	JUNEAU	99801	no	no	yes
JUNEAU INTL ARPRT MAINT SVCS BLDG	AK0000084020	1873 SHELL SIMMONS DR #200	JUNEAU	99801	no	no	no
K & L ENTERPRISES	AKR000003160	9 1/2 MI N TONGASS HWY	WARD COVE	99928	no	no	no
K-C CORPORATION	AKR000004929	2600 RAILROAD AVE	ANCHORAGE	99501	no	no	no
KAKE CY OF LANDFILL	AKR000002733	2.5 MI FS RD 6040	KAKE	99830	no	yes	no
KAKTOVIK CY OF DEPT OF MUNICIPAL SVCS	AKD983076480	4042 HULA HULA DR	KAKTOVIK	99747	no	yes	yes
KEN HUGHES	AKR000002212	HUGHES HOMESTEAD RD	BIG LAKE	99652	no	no	no
KENAI NATIVES ASSN WILDWOOD CORR FAC	AKD983075581	BLDG 55 CHUGACH AVE	KENAI	99611	no	no	no
KENAI PENINSULA BOROUGH HOMER BALEFILL	AKD983074048	MI 169 STERLING HWY	HOMER	99603	no	no	no
KENAI PENINSULA BOROUGH MAINTENANCE SHOP	AKD982652182	638 E PIONEER AVE	HOMER	99603	no	no	no
KENAI PENINSULA BOROUGH PORT GRAHAM LDFL	AKD983069725	T9S R15W S32 NE1/2 SE1/4 SM	PORT GRAHAM	99603	no	no	no
KENAI PENINSULA BOROUGH SEWARD TRANSFER	AKD983074055	END OF DIAMOND RD	SEWARD	99664	no	no	no
KENAI PENINSULA BOROUGH SOLDOTNA LDFL	AKD983074063	MI 98.5 STERLING HWY	SOLDOTNA	99669	no	no	no
KENAI PIPELINE COMPANY	AKD035419795	48775 KENAI SPUR HWY	KENAI	99611	no	no	no
KETCHIKAN AUTOBODY AND GLASS	AKR000201012	4979 REX ALLEN DRIVE	KETCHIKAN	99901	no	no	no

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State of Alaska

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KETCHIKAN CY OF LANDFILL	AKD983075979	1100 NORDSTROM DR	KETCHIKAN	99901	no	no	no
KETCHIKAN GENERAL HOSPITAL	AK0000562769	3100 TONGASS AVE	KETCHIKAN	99901	no	no	no
KETCHIKAN MARINA - SEABORNE MARINE	AKR000200998	5497 TONGASS HWY	KETCHIKAN	99901	no	no	yes
KETCHIKAN PULP CO THORNE BAY SORTYARD LF	AKR000003681	RD 30-120 NW 1/4 SEC 20 T71S R	THORNE BAY	99919	no	no	no
KETCHIKAN PULP EL CAPITAN SHELTER COVE	AK0000915231	T73S R93E CRM S18 SW1/4	KETCHIKAN	99901	no	no	yes
KIEWIT CONSTRUCTION FAIRBANKS YARD	AKD044593374	2050 PEGER RD	FAIRBANKS	99709	no	no	no
KING SALMON PLATFORM - HILCORP ALASKA, L	AKD983069998	LAT 60 51 54N LONG 151 36 18W	KENAI	99611	no	no	no
KING TRUCKING	AKR000202192	3850 ROYAL RD	FAIRBANKS	99709	no	no	no
KLAWOCK CANNERY	AKR000004044	310 BAYVIEW BLVD	KLAWOCK	99925	no	no	no
KLAWOCK SALMON HATCHERY	AKR000004341	MILE MARKER 9	KLAWOCK	99921	no	yes	no
KODIAK CY OF ISLAND BOROUGH LANDFILL	AKD982657736	1203 MONASHKA BAY HWY	KODIAK	99615	no	yes	no
KODIAK LAUNCH COMPLEX	AKR000003988	PASAGSHAK POINT RD	KODIAK ISLAND	99615	no	no	no
KPC THORNE BAY LANDFILL	AKR000002774	1 MI W OF THORNE BAY	THORNE BAY	99919	no	yes	yes
L A B FLYING SVC	AK0000385609	JUNEAU INTL ARPRT BLK D LOT 1	JUNEAU	99801	no	no	no
LAIDLAW TRANSIT INC DANA	AKR000001842	276 DANA ST	WASILLA	99654	no	no	no
LAIDLAW TRANSIT INC HEMMER	AKR000001834	2150 HEMMER RD	PALMER	99645	no	no	no
LAIDLAW TRANSIT INC WASILLA	AK0000009860	3150 COTTLE LP	WASILLA	99654	no	no	no
LITHIA CHEVROLET OF WASILLA	AKD983068693	3700 E PARKS HWY	WASILLA	99654	no	no	yes
LOWER KUSKOKWIM SCHOOL DISTRICT	AKR000002360	1004 RIDGECREST DR	BETHEL	99559	no	no	no
LYNDEN TRANSPORT INC	AKD009504457	3027 RAMPART DR	ANCHORAGE	99501	no	yes	no
LYNDEN TRANSPORT INC	AKR000005314	3001 PEGER ROAD	FAIRBANKS	99709	no	yes	no
M I DRILLING FLUIDS CO ANCHORAGE	AKD980975825	721 W 1ST AVE	ANCHORAGE	99501	no	no	no
M I LLC, MI SWACO DSR	AKR000000760	TRACT 29 ASLS 780227 S8 17-20	DEADHORSE	99734	no	no	no
MARATHON OIL CO GRANITE POINT PROD FAC	AKD981763253	T11N R21W S28	TYONEK	99682	no	no	no
MARATHON OIL CO SPARK PLATFORM	AKD981763246	T10N R13W S26	KUSTATAN	99682	no	no	no
MARATHON OIL CO SPURR PLATFORM	AKD982657272	COOK INLET KENAI BOROUGH 60 MI	COOK INLET	99517	no	no	no
MAT-SU REGIONAL MEDICAL CENTER LLC	AKR000205203	2500 S WOODWORTH LOOP	PALMER	99645	no	yes	no
MATANUSKA ELECTRIC ASSOC INC	AKD126952357	163 E INDUSTRIAL WY	PALMER	99645	no	no	no
MATANUSKA TELEPHONE ASSN INC	AKD981765555	1740 S CHUGACH ST	PALMER	99645	no	no	no
MAYFIELD'S QUALITY CLEANERS AND LAUNDRY	AKD983069014	3400 DEBARR ROAD	ANCHORAGE	99508	no	no	no
MC COMMERCIAL CLEANERS	AKR000002691	314 WENDELL ST	FAIRBANKS	99701	no	yes	no
MCCABE COLLEGE CITY HALL US COURTHOUSE R	AKR000003921	7TH AVE & SPRING ST	SKAGWAY	99840	no	no	no
MCDONALD INDUSTRIES ALASKA	AKD983073826	2756 COMMERCIAL DR	ANCHORAGE	99501	no	no	no
MCDONALD INDUSTRIES ALASKA INC	AKD983068958	PEGER RD 1 MI	FAIRBANKS	99709	no	no	no

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MCGRATH CY OF	AKR000002717	TAKOTNA AVE & F ST	MCGRATH	99627	no	no	no
MEEHAN BY PRODUCTS	AKD983075854	709 PORT AVE	SEWARD	99664	no	no	yes
MENDENHALL AUTO CTR	AK0000001115	8725 MALLARD ST	JUNEAU	99801	no	no	yes
METLAKATLA CY OF LANDFILL	AKR000003368	100 LOWER ATKINSON	METLAKATLA	99926	no	no	yes
METLAKATLA MAIN WOODWASTE SITE	AKR000003103	3 MI S OF METLAKATLA TAMGAS HA	METLAKATLA	99926	no	yes	yes
MI LLC DEADHORSE	AKD980975882	TRACT 30 A ASL S 89-147	DEADHORSE	99734	no	no	no
MI LLC KENAI	AKR000004291	T8N R12W S36 SEWARD MERIDIAN	NIKISKI	99635	no	no	no
MIDAS MUFFLER SHOP	AKD983073883	3449 AIRPORT WAY	FAIRBANKS	99709	no	no	no
MIKE HATCH JEEP	AKD983072901	4755 N DOUGLAS HWY	JUNEAU	99801	no	no	yes
MONOPOD PLATFORM - HILCORP ALASKA, LLC	AKD982655789	T9N R13 S9	KENAI	99611	no	no	no
MT BAKER ASSOC	AKD983073230	2817 RAMPART DR	ANCHORAGE	99501	no	no	no
MUSGRAVE TRUST ANCHORAGE	AKD983069634	743 W 5TH AVE	ANCHORAGE	99501	no	no	no
N C MACHINERY CO	AKD983076191	2014 MILL BAY RD	KODIAK	99615	no	no	no
N C MACHINERY CO JUNEAU	AKD035418979	8850 AIRPORT BLVD	JUNEAU	99803	no	no	no
NABORS ALASKA DRILLING 1ES YARD	AKR000003467	TR31 TOWNSHIP 10 NORTH R15E	PRUDHOE BAY	99734	no	no	no
NABORS ALASKA DRILLING FRONTIER PAD	AKR000005405	TRACKS 14, 15 & 16	PRUDHOE BAY	99734	no	no	no
NABORS ALASKA DRILLING OPS CENTER	AKR000005413	LOTS 3 & 4, BLOCK 70	PRUDHOE BAY	99734	no	no	yes
NANA OILFIELD SERVICES INC.	AKR000004994	LOTS 2 & 3 BLOCK 301	DEADHORSE	99734	no	no	yes
NAPA DISTRIBUTION CTR	AKR000002840	6220 ROVENNA ST	ANCHORAGE	99518	no	no	no
NATIVE VILLAGE OF NORTHEAST CAPE	AKR000203687	57 MILES ESE OF SAVOONGA	SAVOONGA	99769	no	no	no
NATZUHINI MAINT FACILITY	AKD983073891	7 MI N OF CY	KLAWOCK	99925	no	no	no
NC MACHINERY CO	AKR000202283	2051 W RUPEE CIRCLE	WASILLA	99654	no	no	no
NC MACHINERY CO	AKR000205021	801 VAN HORN RD	FAIRBANKS	99701	no	no	no
NICK'S AUTO WRECKING SALVAGE AND METAL R	AKR000203315	346 SARGENT CREEK RD	KODIAK	99615	no	no	no
NOME JOINT UTILITY SYSTEMS POTW	AKD981767668	SEPPALA DR & K ST W	NOME	99762	no	no	no
NORGETOWN LAUNDRY & CLEANERS (FORMER)	AKD982656894	5477 E NORTHERN LIGHTS BLVD	ANCHORAGE	99501	no	no	no
NORTH FORELAND FACILITY	AKR000002022	NORTH FORELAND FACILITY	TYONEK	99682	no	no	yes
NORTH POLE POWER PLANT	AKR000004416	H & H LANE	NORTH POLE	99705	no	no	yes
NORTH SLOPE BOROUGH SA 10	AKD983066028	TRACTS 73B & 74	PRUDHOE BAY	99734	no	no	no
NORTHERN AIR CARGO FAIRBANKS	AKR000000414	5385 ARPRT IND RD	FAIRBANKS	99709	no	no	yes
NORTHERN FABRICATION CO	AKD983075706	KENAI SPUR HWY MI 26	NIKISKI	99635	no	no	no
NORTHERN PETROLEUM SVCS	AKR000000067	6130 OLD SEWARD HWY	ANCHORAGE	99518	no	yes	yes
NORTHERN PRINTING CO	AKR000000786	5701 SILVERADO WY STE K	ANCHORAGE	99518	no	no	no
NORTHWAY AIRPORT LEASE, BLOCK 8, LOTS 12	AKR000203646	NORTHWAY RD MP 7	NORTHWAY	99764	no	no	no

generator type designators

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NSB BARROW CY OF NSB LANDFILL	AKR000000547	2 MI E OF BARROW	BARROW	99723	no	yes	yes
NUSHAGAK ELECTRIC COOP INC	AKD041333717	569 KENNY WREN RD	DILLINGHAM	99576	no	no	yes
NYE FRONTIER FORD	AKD982820870	2701 E MT VILLAGE DR	WASILLA	99654	no	no	no
OCEAN BEAUTY SEAFOODS INC KODIAK	AKD063376974	621 SHELIKOF AVE	KODIAK	99615	no	yes	no
OCEAN BEAUTY SEAFOODS INC PETERSBURG	AKD051251627	101 HARBOR WAY	PETERSBURG	99835	no	no	no
OCEAN MARINE SVCS INC	AKD982659179	END OF NIKISKI BCH RD	NIKISKI	99635	no	yes	no
OFFSHORE SYSTEMS INC	AKR000205237	MILE 4 CAPTAINS BAY ROAD	DUTCH HARBOR	99692	no	no	no
ONE HOUR PHOTO STUDIO	AKR000003533	3020 MINNESOTA DR UNIT 8C	ANCHORAGE	99503	no	no	no
ONE STOP CLOTHES CARE	AKD983071606	110 LYNCH ST	WRANGELL	99929	no	no	no
OOOGURUK DEVELOPMENT PROJECT	AKR000202812	OOOGURUK OIL FIELD	PRUDHOE BAY	99734	no	no	no
ORCA OIL CO INC	AKD000834721	100 OCEAN DOCK RD	CORDOVA	99574	no	no	no
OSBORNE CONSTRUCTION COMPANY	AKR000005355	3701 BRADDOCK ST	FAIRBANKS	99701	no	no	no
PACIFIC POWER PRODUCTS	AKD983071739	8001 PETERSBURG ST	ANCHORAGE	99507	no	no	yes
PAD G	AKR000204917	60 2' 45.29"N 151 17' 7.97"W	TYONEK VILLAGE	99682	no	no	no
PALMER/WASILLA YARD	AKR000202374	RABBIT SLOUGH RD.	PALMER	99645	no	no	no
PAULS BODY SHOP INC	AKR000000240	1237 E 66TH AVE	ANCHORAGE	99518	no	no	no
PEAK BASE CAMP FACILITY	AKD981771280	SPINE ROAD, TRACT 34	DEADHORSE	99734	no	no	yes
PEAK LIGHT DUTY WARRANTY SHOP	AKR000004616	SPINE ROAD - TRACT 10	DEADHORSE	99734	no	no	yes
PEAK OILFIELD SERVICE CO VDZ	AKR000005090	2340 RICHARDSON HWY	VALDEZ	99686	no	no	yes
PEAK OILFIELD SERVICE COMPANY	AKR000004622	MILE 26.5 KENAI SPUR HWY	NIKISKI	99635	no	no	yes
PEAK WELEX FACILITY	AKR000004531	SPINE ROAD - TRACT 3	DEADHORSE	99734	no	no	yes
PENSKE AUTO CENTER ARPRT WY	AKR000000695	3121 ARPRT WY STE A	FAIRBANKS	99701	no	no	no
PENSKE AUTO CENTER OLD SEWARD HWY	AKR000000679	3601 OLD SEWARD HWY STE A	ANCHORAGE	99515	no	no	no
PETER PAN SEAFOODS INC DLG	AKR000003350	1 DENNY WY	DILLINGHAM	99576	no	no	yes
PETERSBURG CY OF LANDFILL & BALING FCLTY	AKD983075987	1401 RESERVOIR ROAD	PETERSBURG	99833	no	no	yes
PETRO MARINE SERVICES CRAIG	AKR000204412	110 J. T. BROWN STREET	CRAIG	99921	no	no	yes
PETRO MARINE SERVICES HOMER	AKD000834804	4755 HOMER SPIT RD	HOMER	99603	no	no	yes
PETRO MARINE SERVICES JUNEAU	AKR000003236	3560 N DOUGLAS HWY	JUNEAU	99801	no	no	yes
PETRO MARINE SERVICES KETCHIKAN	AKD000834846	1100 STEDMAN ST	KETCHIKAN	99901	no	no	yes
PETRO MARINE SERVICES KODIAK	AKD000834853	104 MARINE WAY	KODIAK	99615	no	no	yes
PETRO MARINE SERVICES PETERSBURG	AKR000003285	901 S NORDIC ST	PETERSBURG	99833	no	no	yes
PETRO MARINE SERVICES SITKA	AKD000834960	1 LINCOLN ST	SITKA	99835	no	no	yes
PETRO MARINE SERVICES SKAGWAY	AKR000003293	#10 BEACH RD	SKAGWAY	99840	no	no	yes
PETRO STAR NORTH POLE REFINERY	AKD983071978	1200 H & H LANE	NORTH POLE	99705	no	no	no

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PHILLIPS ALASKA INC BELUGA	AKD983071762	T13N R10W SECTION 34	BELUGA	99695	no	no	no
PHILLIPS PETROLEUM CO KENAI	AKD044589075	KENAI SPUR RD MI 21.5	KENAI	99635	no	no	no
PHILLIPS PETROLEUM CO TYONEK	AKD983075466	COOK INLET OFFSHORE GAS PLATFM	TYONEK	99682	no	no	no
PHOTO EXPRESS	AKD983076118	2000 E DOWLING UNIT 2	ANCHORAGE	99507	no	no	no
PIONEER NATURAL RESOURCES OOOGUNUK EXPLO	AKR000203034	700 G STREET, SUITE 600	ANCHORAGE	99501	no	no	no
PLASCHEM SUPPLY	AKR000200345	1415 SPAR AVE	ANCHORAGE	99501	no	no	no
PLAZA CLEANERS & LAUNDRY	AKD983073909	3417 AIRPORT WAY	FAIRBANKS	99709	no	no	no
PORPOISE ROOM FORMER	AKR000000133	874 FISH DOCK RD	HOMER	99603	no	yes	no
PORTAGE VALLEY WORK CENTER	AKR000004523	1.2 MILE PORTAGE GLACIER RD	PORTAGE	99857	no	no	no
PRECISION POWER LLC	AKR000202390	200 E. COMMERCIAL DRIVE	PALMER	99645	no	no	no
PRETTY CREEK UNIT - HILCORP ALASKA, LLC	AKD982655961	T14N R9W S33	TYONEK	99682	no	no	no
PRO MECH INC	AKD983075615	1515 TONGASS AVE	KETCHIKAN	99901	no	no	no
PROFESSIONAL AUTOMOTIVE	AKD035401793	210 E POTTER DR	ANCHORAGE	99518	no	no	yes
PROVIDENCE ALASKA MEDICAL CTR	AKD083350751	3200 PROVIDENCE DR	ANCHORAGE	99508	no	no	no
QUADRA CHEMICALS FAIRBANKS	AKR000000836	4199 S LATHROP ST	FAIRBANKS	99701	no	no	no
QUALITY COACHWORKS	AKD983070012	631 E 48TH AVE	ANCHORAGE	99503	no	no	no
QUARTZ HILL SITE, BONNA INCORPORATED	AKR000201079	SECTION 35, T74S, R98E	30 MILES E OF KETICH	99901	no	no	no
QUICK LUBE INC	AKD983071614	1780 PEGER RD	FAIRBANKS	99709	no	no	no
RAVEN CONTRACTORS, INC.	AKR000004820	MILE 84.5 STERLING HWY	STERLING	99672	no	yes	yes
REFUGE COVE MARINA	AK0000009852	BRUSICH RD	WARD COVE	99928	no	no	no
REMOTE LOGISTICS INC DBA TAIGA VENTURES	AKR000005603	2700 S CUSHMAN	FAIRBANKS	99701	no	yes	no
REPSOL E&P USA - CRAZY HORSE PAD	AKR000205047	ADL 66797 (CRAZY HORSE PAD)	DEADHORSE	99734	no	no	no
RESTORE STORE & ANTIQUE SHOP	AKD983075656	630 E INTL AIRPORT RD	ANCHORAGE	99503	no	no	no
ROCK CREEK MINE AKA NANUUQ GOLD PROJECT	AKR000203919	MILE 3 GLACIER CREEK RD.	NOME	99762	no	no	no
RYAN LODE MINE	AKR000003947	301 HENDERSON RD	FAIRBANKS	99709	no	no	no
S R C PARTNERSHIP	AKD983075565	5472 MAIL TRAIL RD	FAIRBANKS	99709	no	no	no
SAFEWAY STORE #1820	AKR000204693	3033 VINTAGE BLVD	JUNEAU	99801	no	no	no
SAFEWAY STORE #1821	AKR000204677	301 NORTH SANTA CLAUS LANE	NORTH POLE	99705	no	no	no
SAFEWAY STORE #1832	AKR000204685	90 STERLING HWY	HOMER	99603	no	no	no
SAM'S CLUB #6601	AKR000002204	8801 OLD SEWARD HWY	ANCHORAGE	99515	no	no	no
SAM'S CLUB #6602	AKR000002196	3651 PENLAND PKWY	ANCHORAGE	99508	no	no	no
SAM'S CLUB #6602	AKR000205187	1074 N MULDOON RD	ANCHORAGE	99504	no	no	no
SAM'S CLUB #6603	AKR000002188	48 COLLEGE RD	FAIRBANKS	99701	no	no	no
SCHLUMBERGER TECHNOLOGY CORP	AKD138137591	SPINE RD TRACT 13 SEC 18	PRUDHOE BAY	99734	no	no	yes

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SCHLUMBERGER TECHNOLOGY CORP	AKR000204941	45710 MILLER LOOP RD TRACTS 1-4	KENAI	99611	no	no	no
SCHLUMBERGER TECHNOLOGY CORPORATION	AKD982656829	SPINE RD - WCP FACILITY	PRUDHOE BAY	99734	no	no	no
SEA LAND FREIGHT SVC INC	AKD044038511	1717 TIDEWATER RD	ANCHORAGE	99501	no	no	yes
SEARHC MT EDGECUMBE HOSPITAL	AKR000004549	222 TONGASS DR	SITKA	99835	no	no	no
SEEKINS FORD LINCOLN MERCURY	AKD035416007	1625 OLD STEESE HWY	FAIRBANKS	99701	no	no	yes
SEWARD FISHERIES	AKD130130495	842 FISHDOCK RD	HOMER	99603	no	no	no
SEWARD FISHERIES SEWARD PLANT	AKD012271649	601 PORT AVE	SEWARD	99664	no	no	no
SEWARD MARINE CTR	AKD983069766	201 RAILWAY AVE	SEWARD	99664	no	no	no
SEWARD SHIPS CHANDLERY	AKD983068966	SEWARD MARINE IND CTR 4TH JULY	SEWARD	99664	no	no	no
SHERWIN WILLIAMS STORE 8176	AKD983069709	245 POST RD	ANCHORAGE	99501	no	no	no
SHORESIDE PETROLEUM-SPI SEWARD	AKD000834952	700 PORT AVE	SEWARD	99664	no	no	no
SILVER BAY AVIATION	AK0000385617	8892 YANDUKIN DR	JUNEAU	99801	no	no	no
SIMARD AUTOMOTIVE INC	AKR000202176	5200 AERONCA AVE	FAIRBANKS	99709	no	no	no
SIPENPAK CAMP	AKR000204990	10 MI W OF KITNAGAK BAY	SAVOONGA	99769	no	no	no
SKAGWAY CY OF LANDFILL	AKD983075995	3 MI DYEA RD	SKAGWAY	99840	no	no	no
SKYLINE MOTOR CARS	AK0000095711	35055 KALIFONSKY BCH RD	SOLDOTNA	99669	no	no	no
SMITH INTERNATIONAL	AKD983068891	5761 SILVERADO WAY STE M1	ANCHORAGE	99518	no	no	no
SOUTH FORK CONSTRUCTION	AKR000202291	12230 SPRING BROOK DR	EAGLE RIVER	99577	no	no	no
SOUTHALL MANOR HOUSING COMPLEX	AKR000005066	401 SEVENTH AVE	FAIRBANKS	99701	no	no	no
SOUTHEAST ANTIFREEZE RECYCLING	AKR000004606	2531 BARRETT AVE	JUNEAU	99801	no	yes	no
SPEEDEEKLEEN	AKD983076316	118 OLE JOHNSON	KODIAK	99615	no	no	no
SPRUCE PARK AUTO BODY INC	AKD983072679	1657 E DOWLING RD	ANCHORAGE	99507	no	no	no
ST GEORGE CY OF WATERFRONT	AKR000001727	100 WATERFRONT DR	ST GEORGE ISLAND	99591	no	yes	no
ST GEORGE DELTA FUEL CO	AKR000000885	WATERFRONT BLDG	ST GEORGE ISLAND	99591	no	no	no
ST MICHAEL FUEL CO	AKD000834937	1 IDITAROD AVE	SAINT MICHAEL	99659	no	no	no
ST PAUL DELTA FUEL CO	AKR000000893	WATERFRONT BLDG	ST PAUL ISLAND	99660	no	no	yes
STEEL FAB	AKR000200493	2132 RAILROAD AVE	ANCHORAGE	99501	no	no	no
STEELHEAD PLATFORM - HILCORP ALASKA, LLC	AKD981763238	T9N R13W S33 UPPER COOK INLET	TYONEK	99682	no	no	no
SWANSON RIVER FIELD - HILCORP ALASKA, LL	AKD048671580	T8N R92 S15 SEWARD MERIDIAN	KENAI	99611	no	no	no
TAPS PUMP STA 10	AKD983066010	RICHARDSON HWY MP 219	PAXSON	99737	no	no	yes
TAPS PUMP STA 6	AKD980329585	DALTON HWY MP 54	ANCHORAGE	99512	no	no	yes
TATONDUK OUTFITTERS LIMITED	AKR000005579	5525 AIRPORT INDUSTRIAL ROAD	FAIRBANKS	99709	no	yes	no
TECK COMINCO ALASKA INC - RED DOG MINE	AKD983066390	BONS CRK & RED DOG CRK	KIVALINA	99750	no	yes	yes
TEMSCO HELICOPTER	AKD983076407	5411 N TONGASS HWY	KETCHIKAN	99901	no	no	no

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EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

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Generator Type: Cond. Exempt Small Quantity Generator **Number of handlers: 663**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
TERRASAT	AKD983069329	901 E 5TH AVE	ANCHORAGE	99501	no	no	no
TESORO ALASKA COMPANY, NIKISKI TERMINAL	AKD983075094	MILE 21 KENAI SPUR HWY	KENAI	99611	no	no	no
TESORO ALASKA PETROLEUM CO	AK0000237438	1224 WHITNEY RD	ANCHORAGE	99501	no	no	no
TESORO LOGISTICS OPERATIONS GP, LLC, ANC	AKD000618132	1522 ANCHORAGE PORT ROAD	ANCHORAGE	99501	no	no	no
TESORO LOGISTICS OPERATIONS GP, LLC, ANC	AKD055503825	1601 TIDEWATER ROAD	ANCHORAGE	99501	no	no	no
TOP OF THE WORLD AUTO BODY	AKR000201145	MILE 5 PALMER-WASILLA HWY	WASILLA	99645	no	no	no
TRADING BAY PRODUCTION FACILITY - HILCOR	AKD980738876	T8N R14W S5&6 W FORELANDS	TYONEK	99682	no	no	no
TRIDENT SEAFOODS CORP	AKR000005454	229 MAIN ST	SAND POINT	99661	no	no	no
TUTKA, LLC	AKR000204958	5825 E MAYFLOWER COURT, SUITE B	WASILLA	99654	no	yes	yes
TYLER RENTAL INC	AKR000004242	5216 BORCH ST N PY	KETCHIKAN	99901	no	no	no
UAS ANDERSON BUILDING	AKR000005140	11275 GLACIER HIGHWAY	JUNEAU	99801	no	no	no
UAS MARINE CORE COMPLEX	AKR000005157	1415 HARBOR WAY	JUNEAU	99801	no	no	no
UNALASKA CY OF CITY POWER HOUSE	AKD982656340	MI MARKER 4 E POINT LP RD	UNALASKA	99685	no	yes	no
UNALASKA CY OF LANDFILL	AKD983075102	2 MI SUMMER BAY RD	UNALASKA	99685	no	no	no
UNICHEM	AK0000285213	3105 LAKESHORE DR STE 106	ANCHORAGE	99517	no	no	no
UNICHEM	AKD983073610	HAPPY HORSE PAD DEADHORSE	PRUDHOE BAY	99734	no	no	no
UNISEA INC	AKD983073842	88 SALMON WAY	DUTCH HARBOR	99692	no	yes	yes
UNIT COMPANY YARD	AKR000004697	8101 OLD SEWARD HWY	ANCHORAGE	99518	no	no	no
UNITED AIRLINES INC	AKD983073156	5000 W INTL ARPRT RD	ANCHORAGE	99502	no	no	no
UNITED PARCEL SERVICE ANCHORAGE	AKR000003541	6200 LOCKHEED AVE	ANCHORAGE	99506	no	no	no
UNITED PARCEL SVC ANCHORAGE N	AKD983076324	6200 LOCKHEED AVE	ANCHORAGE	99502	no	no	no
UNIVERSITY CAR CARE CTR	AKD983076027	4103 GEIST RD	FAIRBANKS	99709	no	no	yes
UNIVERSITY OF ALASKA	AKD983073966	MI .8 TRUNK RD	PALMER	99645	no	no	yes
UNIVERSITY OF ALASKA ANCHORAGE	AKD981768385	3211 PROVIDENCE DR	ANCHORAGE	99508	no	no	no
UNIVERSITY OF ALASKA POKER FLAT RES RANG	AK0000374959	MI 30 STEESE HWY	FAIRBANKS	99712	no	no	yes
UNIVERSITY OF ALASKA SE AUKE LK CAMPUS	AKD983069626	11120 GLACIER HWY	JUNEAU	99801	no	no	yes
UNOCAL CORP EAST FORELAND DELIVERY	AKD983072943	MI 2 WIK RD	NIKISKI	99635	no	no	no
URSIN ESTATE C/O PACIFIC SEAFOOD	AKR000204834	319 SHELIKOF ST	KODIAK	99615	no	no	no
US ARMY BLACK RAPIDS TRNG AREA ALASKA	AKR000200071	MILE 227.4 RICHARDSON HWY	DELTA JUNCTION	99737	no	no	no
US ARMY DONNELLY TRAINING AREAS, ALASKA	AKR000200089	RICHARDSON HWY WEST MP 257.6	DELTA JUNCTION	99737	no	no	no
US ARMY USACE FORT PIERCE BIORKA ISLAND	AKR000204115	56.851328 LAT -135.558078 LONG	SITKA	99835	no	no	no
US DOT FAA, MIDDLETON ISLAND	AK1690502330	MID OCEAN BTWN HOMER & YAKUTAT	CORDOVA	99574	no	no	no
USAF AMCHITKA ARMY AIR BASE	AKR000002626	AMCHITKA ISLAND	AMCHITKA IS	99507	no	no	no
USAF BEAR CREEK RRS	AK1570090109	N 65 DEG 15 14 W 150 55 18	COTTONWOOD	99678	no	yes	no

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USAF BETHEL AFS	AK8570090110	N 60 DEG 47 8 W 161 DEG 52 45	BETHEL	99559	no	no	no
USAF BIG MOUNTAIN AFS	AK2570090108	LAT 59 23.27 N	ILIAMNA	99606	no	no	no
USAF CAMPION AFS	AK3570028628	N 64 DEG 42 43 W 156 DEG 42 50	NULATO	99765	no	no	no
USAF CANYON CREEK RRS	AK2570028629	N 64 DEG 22 00 W 146 DEG 25 00	BIG DELTA	99737	no	no	no
USAF CLEAR AFS	AK1570028638	200 A STREET	CLEAR	99704	no	no	yes
USAF GOLD KING CREEK RRS	AK6570028658	N 64 DEG 10 30 W 147 DEG 56 00	VALDEZ	99686	no	no	no
USAF GRANITE MOUNTAIN RRS	AK3570090107	65 30' 00" N / 161 20' 00" W	KOYUK	99753	no	no	no
USAF HAARP RESEARCH STATION GAKONA	AKR000200659	MILE POST 11.3 TOK CUTOFF	GAKONA	99586	no	no	no
USAF KALAKAKET CREEK RRS	AK7570090111	64 46' 00" N / 156 59' 00" W	GALENA	99741	no	no	no
USAF LONELY SRRS	AK3570028677	N 70 DEG 54 38 W 153 DEG 14 32	BARROW	99723	no	no	no
USAF MURPHY DOME LRRS	AK1570028679	N 64 DEG 47 45 W148 DEG 21 00	FAIRBANKS	98750	no	no	yes
USAF NIKOLSKI RRS	AK7572728684	N 52 DEG 57 00	NIKOLSKI	99638	no	no	no
USAF POINT LAY LRRS	AK9570028697	N69 DEG 46' 00	POINT LAY	99579	no	no	yes
USAF WAINWRIGHT SRRS	AK6570028716	N 70 DEG 38 00 W 160 DEG 00 00	WAINWRIGHT	99782	no	no	no
USARMY ALASKA TOK FUEL TERMINAL	AKR000002865	W 7 MI ALASKA HWY 2	TOK	99780	no	no	no
USARMY FT WAINWRIGHT SEWARD ARMY RECREAT	AKR000003871	2305 DIMOND BLVD	SEWARD	99664	no	no	no
USARMY US ACE FT GLENN	AKR000004861	65 MI SW OF DUTCH HARBOR	DUTCH HARBOR	99692	no	no	no
USARMY USACE AMAKNAK IS MARGARET BAY	AKR000000026	MARGARET BAY JUST W OF ARPRT	DUTCH HARBOR	99692	no	no	no
USARMY USACE ANIAK MIDDLE SCHOOL CLEANUP	AKR000003137	ANIAK MIDDLE SCHOOL	ANIAK	99557	no	no	no
USARMY USACE ANNETTE IS GASOLINE STORAGE	AKR000003202	5 MI S OF METLAKATLA	METLAKATLA	99926	no	no	no
USARMY USACE BUSKIN BEACH	AKR000002824	4 MI SW OF KODIAK	KODIAK	99615	no	no	no
USARMY USACE CAPE YAKATAGA RRS	AKR000003707	T21S R17E SEC25 COPPER RIVER	CAPE YAKATAGA	99574	no	no	no
USARMY USACE COLD BAY	AKR000003509	T57S R89W SEWARD MERIDIAN	COLD BAY	99571	no	no	no
USARMY USACE COLLINSON PT DEWLINE STA	AK8570000192	290 MI SE OF BARROW &	BARROW	99723	no	no	no
USARMY USACE DOI/FWS BROWNLOW PT DEWLINE	AK3143690102	265 MI SE OF CY	BARROW	99723	no	no	no
USARMY USACE FAA NORTHWAY STAGING FIELD	AK0000920215	7 MI W OF ALASKA HWY 2 MI N OF	NORTHWAY	99764	no	no	no
USARMY USACE FT LEARNARD (EIDER POINT)	AKR000004945	53.99 N 166.59 W	UNALASKA	99685	no	no	no
USARMY USACE HOONAH WHITE ALICE SITE	AKR000003483	LAT 58D 10M N LONG 135D 23M 8	HOONAH	99829	no	no	no
USARMY USACE KODIAK NAVY AND ARMY FUDS	AKR000200881	MILE 5.9 OF THE REZANOF HWY	KODIAK	99619	no	no	no
USARMY USACE MANNING PT DEWLINE STA	AK0001009562	2 MI E OF CY OR 110 MI E OF	KAKTOVIK	99747	no	no	no
USARMY USACE NOME HOSPITAL SITE	AKR000001735	4 MI NOME N OF	NOME	99762	no	no	no
USARMY USACE NORTHEAST CAPE	AK0000228395	KANGUKHSAM MT 52.25 MI ESE OF	SAVOONGA	99769	no	no	no
USARMY USACE OGLIUGA ISLAND FUDS	AKR000202440	51 36' 29" N; 178 39' 27" W	NONE	NONE	no	no	no
USARMY USACE TANAGA ISLAND FUDS	AKR000202457	51 40' 43" N; 178 02' 59" W	NONE	NONE	no	no	no

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USARMY USACE UMIAT AKDOT AFS	AK0000286666	120 MI SW OF CY	PRUDHOE BAY	99734	no	no	no
USARMY USACE UMIAT BLM AFS	AKR000005124	119 MILES SW OF CY	PRUDHOE BAY	99734	no	no	no
USARMY USACE YAKUTAT FUDS ACOR TANK FARM	AKR000200428	SEC 31 LE TWP 27S RNG 34E CRM	YAKUTAT	99689	no	no	no
USDA FS CASCADE CRK ADMIN SITE	AK9122390017	2112 HALIBUT PT RD	SITKA	99835	no	no	no
USDA FS CHUGACH NATL FOREST KLWC	AK2122300153	MILE 23.4 SEWARD HWY	SEWARD	99664	no	no	no
USDA FS CHUGACH NF CORDOVA FOREST WORK C	AK0000000323	COR LEFEVRE ST & COPPER RIV HW	CORDOVA	99574	no	no	no
USDA FS CRAIG RANGER DIST SHOP	AK4122390129	CRAIG RANGER DIST	CRAIG	99950	no	no	no
USDA FS EAST 12 MILE FORMER SHOP AREA	AKR000005439	EAST 12 MILE ARM	PRINCE OF WALES ISL	99921	no	no	no
USDA FS EAST SIDE SITKOH BAY LTF	AKR000201038	LAT 57 31.19 N	SITKA CHICAGUF ISLA	99835	no	no	no
USDA FS FIRE COVE	AKR000004135	FIRE COVE ROCK PIT, NEETS BAY	NEETS BAY	99901	no	no	no
USDA FS KETCHIKAN	AK3122300186	3031 TONGASS AVE	KETCHIKAN	99901	no	no	no
USDA FS MAHONEY MINE	AKR000005637	WEST SIDE GEORGE INLET	KETCHIKAN	99901	no	no	no
USDA FS NORTH SAGINAW BAY LTF AND CAMP	AKR000201053	LAT 56 51.57 N	KUIU ISLAND W OF KA	99830	no	no	no
USDA FS OLD DAIRY RD	AK4122300151	8465 OLD DAIRY RD	JUNEAU	99801	no	no	no
USDA FS PETERSBURG	AKR000002667	25 TWELVE ST	PETERSBURG	99833	no	no	no
USDA FS RATZ HARBOR FORMER SHOP AREA	AKR000005447	RATZ HARBOR	THORNE BAY	99919	no	no	no
USDA FS ROOSEVELT HARBOR PUBLIC USE AREA	AKR000201780	LAT 56 23.649	WRANGELL/ZAREMBC	99929	no	no	no
USDA FS THORNE BAY LDFL	AK5122300218	1 MI THORNE BAY HWY	THORNE BAY	99919	no	no	no
USDA FS THORNE BAY TONGASS NF MAINT SHOP	AK7122300190	7725 R84E S27 NW1/4 S28 NW1/4	THORNE BAY	99901	no	no	no
USDHHS PHS HOSP BARROW AK NATIVE	AK4750361087	1296 AGVIK	BARROW	99723	no	no	no
USDHHS PHS HOSP KANAKANAK BBAH AK NATIVE	AK1750390006	7 MI S OF CY	DILLINGHAM	99576	no	no	no
USDHHS PHS HOSP TANANA HEALTH AK NATIVE	AK2750361097	CTR OF VLG	TANANA	99777	no	no	no
USDHHS PHS MEDICAL CTR ANCHORA AK NATIVE	AK5750361086	255 GAMBELL	ANCHORAGE	99501	no	no	yes
USDHHS PHS OLD HOSPITAL SITE-CLOSED	AK0000015461	ACROSS HOFFMAN HWY FR YUKON	BETHEL	99559	no	yes	no
USDOC NOAA NAT MARINE FISHERIES SUBPORT	AK0000043133	250 EGAN DR	JUNEAU	99801	no	no	no
USDOC NOAA NAT MARINE FISHERIES SVC AUKE	AK0000043117	11305 GLACIER HWY	JUNEAU	99801	no	no	no
USDOC NOAA NAT MARINE FISHERIES SVC ST G	AK2131490011	ST GEORGE VILLAGE	ST GEORGE ISLAND	99591	no	no	yes
USDOC NOAA NAT OCEAN SVC/ORR	AK0131490021	AIRPORT RUNWAY	ST PAUL ISLAND	99660	no	no	no
USDOC NOAA NW FISHERIES SCIENCE CENTER	AKR000001891	118 TRIDENT WAY	KODIAK	99615	no	no	no
USDOI BLM ALASKA FIRE SVC	AK5141190145	1541 GAFFNEY ST	FT WAINWRIGHT	99703	no	no	yes
USDOI BLM CAMPBELL TRACT FACILITY	AK4141100160	4700 BLM RD	ANCHORAGE	99507	no	no	no
USDOI BLM GOLDBENCH/IRONSIDE ABANDONED	AKR000005546	23 MILES NE OF COLDFOOT	COLDFOOT	99701	no	no	no
USDOI FWS SNOW GLUCH MINING SITE	AKR000201103	LAT 59 32 32.76 N	DILLINGHAM	99576	no	no	no
USDOI GS OEVE	AK6140737648	5500 OILWELL RD	ANCHORAGE	99506	no	no	no

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USDOI NPS ANCHORAGE OFFICE	AK3141790144	5100 CORDOVA ST	ANCHORAGE	99577	no	no	no
USDOI NPS BERING LAND BRG NATL PRESERVE	AKR000200261	LAT 65 36 W LONG 168 7 N	WALES	99783	no	no	yes
USDOI NPS DENALI NP	AK7141760036	MI 237 GEORGE PARKS HWY	DENALI NATIONAL PAI	99755	no	yes	yes
USDOI NPS KATMAI NP BROOKS CAMP	AK6141700223	30 MI W OF CY ON NAKNEK LAKE	KING SALMON	99613	no	no	no
USDOI NPS PARK SVC HOUSING	AKR000003004	4TH AVE AND BERING ST	NOME	99762	no	no	no
USDOI NPS WRANGELL ST ELIAS GLENN HWY	AKR000000497	MI 187 GLENN HWY	GLENNALLEN	99588	no	no	yes
USDOT CG AIR STATION SITKA	AK7690330744	611 AIRPORT RD	SITKA	99835	no	no	no
USDOT CG CAPE CHACON LIGHT	AK2690360910	PRINCE OF WALES IS SOUTH TIP	HYDABURG	99922	no	no	no
USDOT CG CAPE DECISION LIGHT	AKR000000968	46.5 NAUTICAL MI NW OF CRAIG	CRAIG	99921	no	no	yes
USDOT CG CAPE HINCHINBROOK LIGHT STA	AK1690360911	HINCHENBROOK IS SOUTHERN TIP	CORDOVA	99574	no	no	yes
USDOT CG CAPE MUZON LIGHT	AK0690360912	DALL IS SOUTHERN TIP	HYDABURG	99922	no	no	no
USDOT CG CAPE SPENCER LIGHT	AKR000000976	9.2 MI W OF ELFIN COVE	ELFIN COVE	99825	no	no	yes
USDOT CG CAPE ST ELIAS LIGHT STA	AK9690360913	KAYAK IS SOUTHERN TIP	CORDOVA	99574	no	no	no
USDOT CG CUTTER MUSTANG WPB 1310	AK6690300185	4TH AVE & SMALL BOAT HARBOR	SEWARD	99664	no	no	yes
USDOT CG CUTTER PETERSBURG MOORINGS	AK1690000152	107 DOCK ST	PETERSBURG	99833	no	no	yes
USDOT CG CUTTER SEDGE WLB 402	AK8690390044	HOMER SPIT	HOMER	99603	no	no	yes
USDOT CG CUTTER SWEETBRIAR WLB405	AK0690390042	COAST GUARD DOCK	CORDOVA	99574	no	no	yes
USDOT CG CUTTER WOODRUSH	AK9690390043	US GOVERNMENT PIER JAPONSKI IS	SITKA	99835	no	yes	yes
USDOT CG EDNA BAY ENTRANCE LIGHT	AKR000000406	EDNA BAY 32 MI OF CY	CRAIG	99921	no	no	no
USDOT CG FIVE FINGER LIGHT	AKR000000992	20.7 NAUTICAL MI NE OF KAKE	KAKE	99830	no	no	yes
USDOT CG GRAVE ISLAND LIGHT	AKR000000265	PYBUS BAY 18 MI SE OF CY	ANGOON	99820	no	no	no
USDOT CG GUARD ISLAND LIGHT	AKR000001024	7.8 NAUTICAL MI	KETCHIKAN	99901	no	no	yes
USDOT CG JUNEAU STA	AK0000010447	345 EGAN DR	JUNEAU	99801	no	no	no
USDOT CG LIBBY IS LIGHT	AK8690360914	GLACIER BAY NP SOUTHERN END	ELFIN COVE	99825	no	no	no
USDOT CG LORAN STA ATTU	AK6690360312	ONLY BLDG ATTU IS	ATTU ISLAND	99619	no	no	yes
USDOT CG LORAN STA PORT CLARENCE	AKR000001040	1 AIRPORT RD PORT CLARENCE	NOME	99762	no	no	yes
USDOT CG LORAN STA TOK	AK8690300159	ALASKA HWY MI 1308	TOK	99780	no	no	yes
USDOT CG MARINE SAFETY OFFICE VALDEZ	AK9690300208	105 CLIFTON AVE	VALDEZ	99686	no	no	yes
USDOT CG ROANOKE ISLAND	AKR000000984	MUNICIPAL HARBOR MOORINGS	HOMER	99603	no	no	yes
USDOT CG ROUND ISLAND LIGHT	AK7690360915	PRINCE OF WALES IS SOUTH TIP	HYDABURG	99922	no	no	no
USDOT CG SENTINEL ISLAND LIGHT	AK6690360916	SENTINEL IS T39S R63E S30	AUKE BAY	99821	no	no	no
USDOT CG SPANISH ISLANDS LIGHT	AK5690360917	SPANISH ISLANDS NORTHERN IS	CRAIG	99921	no	no	no
USDOT CG ST PAUL IS LORAN STA	AK3690360315	USDOT CG ST PAUL IS LORAN STA	ST PAUL ISLAND	99660	no	no	yes
USDOT FAA AIR ROUTE TRAFFIC CONTROL CTR	AK9690502001	700 N BONIFACE PKWY	ANCHORAGE	99506	no	yes	yes

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USDOT FAA ANCHORAGE FLT INSP AREA OFFICE	AKR000000190	4610 W INTL ARPRT BLVD	ANCHORAGE	99502	no	no	no
USDOT FAA BETHEL	AK0690502174	BET BETHEL ARPRT NAV AIDS	BETHEL	99559	no	no	no
USDOT FAA BIG DELTA	AKR000003624	CENTER OF TOWN	BIG DELTA	99737	no	no	no
USDOT FAA BIORKA ISLAND	AK8690360310	BKA BIORKA ISLAND NAV AIDS	SITKA	99835	no	no	no
USDOT FAA FAREWELL	AK3690502072	FWL FAREWELL AIRPORT AREA	FAREWELL	99627	no	no	no
USDOT FAA HUSLIA	AKR000003616	CENTER OF TOWN	HUSLIA	99746	no	no	no
USDOT FAA JOHNSTONE POINT	AK1690502355	JOH PTJOHNSTONE POINT AIRFIELD	HINCHINBROOK ISLAN	99574	no	no	no
USDOT FAA KING SALMON	AK3690502239	AKN KING SALMON ARPRT NAV AIDS	KING SALMON	99613	no	no	no
USDOT FAA KOTZEBUE	AK6690500180	OTZ KOTZEBUE ARPRT NAV AIDS	KOTZEBUE	99752	no	no	yes
USDOT FAA MOSES POINT	AK1690502165	MOS MOSES PT AIRFIELD NAV AIDS	MOSES POINT	99762	no	no	no
USDOT FAA NOME	AK6690502129	OME NOME ARPRT	NOME	99762	no	no	no
USDOT FAA SISTERS ISLAND	AK2690502362	SSR SISTERS ISLAND NAV AIDS	JUNEAU	99803	no	no	no
USDOT FAA SKWENTNA	AK8690502036	SKW SKWENTNA ARPRT AREA	SKWENTNA	99667	no	no	no
USDOT FAA TANANA	AK9690502167	TAL TANANA ARPRT NAV AIDS	TANANA	99777	no	no	no
USDOT FAA YAKUTAT	AK3690502403	FAA YAKUTAT ARPRT NAV AIDS	YAKUTAT	99689	no	no	no
USGS, ALASKA SCIENCE CENTER	AKR000203588	4210 UNIVERSITY DR.	ANCHORAGE	99508	no	no	no
USGSA FAIRBANKS	AK0000190140	101 12TH AVE	FAIRBANKS	99701	no	yes	no
USGSA FEDERAL BLDG CH & PO	AK4470001377	709 W 9TH ST	JUNEAU	99801	no	no	no
USGSA FEDERAL BUILDING COURTHOUSE	AK0150000156	222 W 7TH AVE, ROOM 151 BOX 5	ANCHORAGE	99513	no	no	no
USNAVY ARCTIC RESEARCH LABORATORY	AK2170027245	N71 19 30 W156 41 00	BARROW	99723	no	no	no
USNAVY NARL PT MCINTYRE FORMER DEWLINE	AKR000200279	15 MI NW OF CITY	DEADHORSE	99734	no	no	no
USNAVY NWSC SEAFAC	AK1170000201	BACK ISLAND	KETCHIKAN	99901	no	no	no
VALDEZ CY OF BALER FAC	AK0000666685	500 S SAWMILL DR	VALDEZ	99686	no	no	no
VALLEY LUMBER	AKR000002238	8525 OLD DAIRY RD	JUNEAU	99801	no	no	no
VECO BASE	AKR000200188	OLD SAG RIVER ROAD TRACT 47	DEADHORSE	99734	no	no	yes
VECO INC	AKD983071523	160 W 68TH	ANCHORAGE	99518	no	no	no
VECO KENAI FACILITY	AKD010192219	KENAI SPUR HWY MI 15.5	KENAI	99611	no	no	no
VERNAIR	AKR000003525	1705 FIFTH AVE	ANCHORAGE	99506	no	no	no
VIP CLEANERS	AKR000205013	510 OLD STEESE HWY	FAIRBANKS	99701	no	no	no
WALDEC ENTERPRISES INC	AKD983068230	BONIFACE PKY & DEBARR RD	ANCHORAGE	99504	no	no	yes
WALMART #2710	AKR000004770	4230 DON KING ROAD	KETCHIKAN	99901	no	no	no
WALMART SUPERCENTER #4359	AKR000205179	7405 DEBARR RD	ANCHORAGE	99504	no	no	no
WARD AIR INC	AK0000385625	8991 YANDUKIN DR	JUNEAU	99801	no	no	no
WARNING LITES OF ALASKA, INC.	AKR000201392	591 WEST 67TH AVE	ANCHORAGE	99518	no	no	no

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

Number of Regulated Generators: 936

Generator Type: Cond. Exempt Small Quantity Generator **Number of handlers: 663**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
WAXIE SANITARY SUPPLY	AKR000203109	4005 SPENARD RD	ANCHORAGE	99517	no	no	no
WAYNES CERTIFIED AUTOMOTIVE	AKR000004572	11901 SOUTH GAMBELL	ANCHORAGE	99515	no	no	no
WEATHERFORD ENTERRA	AKD983073354	KENAI SPUR HWY MI 26.5	NIKISKI	99635	no	no	no
WEST COAST AVIATION SERVICES, INC. BULK	AKR000202382	248 TANK FARM ROAD	UNALAKLEET	99684	no	no	no
WEST KAVIK AIRSTRIP #1	AKR000004010	69D 46M 09S N 147D 11M 29S W	DEADHORSE	99734	no	no	no
WEST MARINE INC	AKR000204727	8401 DIMOND D BLVD	ANCHORAGE	99515	no	no	no
WESTERN INSULFOAM CORP	AK0000033910	628 WESTERN DR	ANCHORAGE	99501	no	no	no
WHITE PASS & YUKON ROUTE RR	AKD083354209	1 SHOPS ROAD	SKAGWAY	99840	no	no	no
WHITTIER CY OF DEC PROGRAM	AKD983068479	BEGICH TOWERS ROOM 103	WHITTIER	99693	no	yes	no
WHITTIER CY OF P 12 BLDG PUBLIC WORKS	AKR000001966	P 12 BLDG WHITTIER ST	WHITTIER	99693	no	no	no
WILDER CONST CO	AKD983072489	11301 LANG ST	ANCHORAGE	99515	no	no	no
WILLIAMS EXPRESS STORE #5014	AKD980983639	1900 MULDOON RD	ANCHORAGE	99504	no	no	no
WINGS OF ALASKA	AK0000385633	JUNEAU INTL ARPRT BLK D LOT 4	JUNEAU	99801	no	no	no
WOODS AIR SEVICE INC	AKD983073370	1080 COPE INDUSTRIAL WAY	PALMER	99645	no	no	no
WRANGELL CY OF LANDFILL	AKD983076019	.5 MI EVERGREEN AVE	WRANGELL	99929	no	no	no
YAKUTAT CY AND BOROUGH OF CITY HALL	AK0000076711	309 MAX ITALIO DRIVE	YAKUTAT	99689	no	no	no
YUKON EQUIPMENT INC	AKD027487123	2020 E 3RD AVE	ANCHORAGE	99501	no	no	yes

--- End of Cond. Exempt Small Quantity Ge

***** End of Report *****

EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

Number of Regulated Handlers: 1237

City: Anchor Point

Number of regulated handlers: 1

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
ALASKA PIPELINE COMPANY BAILEY DRIVE MET	AKR000204479	BAILEY DRIVE TRACT C	99556	no	CEG	no	no

City: Anchorage

Number of regulated handlers: 315

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
ADEC ENVIRONMENTAL HEALTH LABORATORY	AKR000202069	5251 HINKLE RD	99507	no	SQG	no	no
ADEC SPAR/PERP/CART ANCHORAGE	AKR000200790	555 CORDOVA ST	99501	no	CEG	no	no
AEDCO AC PLT QUALITY ASPHALT	AKD009276536	240 W 68TH AVE	99518	no	none	no	yes
AERO RECIP ALASKA	AKD006847156	4451B AIRCRAFT DR	99502	no	CEG	no	no
AES ALASKA E&C FABRICATION FACILITY	AKD046207213	200 E 100TH	99515	no	SQG	no	no
AFSC/SIGNATURE FLIGHT SUPPORT PLANT NO 1	AKD983068545	1331 TIDEWATER RD PLT 1	99501	no	CEG	no	no
AFSC/SIGNATURE FLIGHT SUPPORT PLANT NO 3	AKD983071754	4559 W INTL ARPRT RD PLT 3	99502	no	none	no	yes
AGENS AUTOMOTIVE	AKR000004937	737 E INT'L AIRPORT RD	99518	no	SQG	no	no
AGI INC	AKD983068628	6108 MACKAY STE 200	99518	no	none	yes	no
AGVIQ MARINE LLC	AKR000004002	201 E 56 STE 111	99518	no	none	yes	no
AIR LAND TRANSPORT	AKD983075243	2040 E 79TH AVE	99507	no	none	yes	no
AIR LAND TRANSPORT	AKR000204545	11100 CALASKA CIRCLE	99515	no	SQG	no	no
AIR LIQUIDE AMERICA LP - ANCHORAGE	AKD009243718	6510 ARCTIC SPUR RD	99518	no	CEG	no	yes
AIRLIFT ALASKA	AKD980979991	2301 MERRILL FLD	99501	no	none	yes	no
AKARNG CSMS	AK5211890038	5300 E TUDOR RD	99507	no	CEG	no	no
ALASKA ABATEMENT CORPORATION	AKD983075888	520 W 58TH ST STE J	99518	no	none	yes	no
ALASKA AIR TAXI LLC	AKR000204362	4501 AIRCRAFT DRIVE	99502	no	none	yes	yes
ALASKA AIR TOURS	AKD983076555	1000 MERRILL FLD DR	99501	no	none	yes	no
ALASKA AIRLINES ANCHORAGE	AKD103354767	4750 INTERNATIONAL AIRPORT RD	99502	no	SQG	no	no
ALASKA CENTRAL EXPRESS INC	AKR000200295	5901 LOCKHEED AVE	99502	no	none	yes	no
ALASKA CLEANERS	AKD035403641	610 W FIREWEED LN	99503	no	SQG	no	no
ALASKA CYCLE CENTER LTD	AKR000201822	1118 E 5TH AVE	99501	no	CEG	no	no
ALASKA DOT & PF ABBOTT RD	AKR000002766	ABBOTT RD NEW SEWARD HWY TO 88	99510	no	CEG	no	no
ALASKA DOT & PF ANCHORAGE	AKD981764772	4801 BONIFACE PKY	99507	no	CEG	no	yes
ALASKA FURNITURE MFRS INC	AKD055492813	144 E POTTER RD	99518	no	CEG	yes	no
ALASKA HELICOPTERS INC	AKR000000034	6400 S AIRPARK DR	99502	no	none	yes	no
ALASKA HOVERCRAFT VENTURES	AKR000002873	6441 S AIR PARK DR	99502	no	none	yes	yes
ALASKA IMMUNIZATION PROGRAM VACCINE DEPO	AKR000203786	9210 VANGUARD DRIVE SUITE 102A	99507	no	SQG	no	no
ALASKA MARINE TRANSPORT & SALVAGE	AKR000000620	3960 ALITAK BAY CIR	99515	no	none	yes	yes

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

adjacent (3)
project area (0)

EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

Number of Regulated Handlers: 1237

City: Anchorage — **Number of regulated handlers: 315**

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
ALASKA MECHANICAL, INC.	AKR000003053	8540 DIMOND D CIRCLE	99515	no	CEG	no	no
ALASKA PAINTING SERVICE	AKR000004101	1658 EAST 59TH AVE	99507	no	CEG	no	no
ALASKA POLLUTION CONTROL-ANCHORAGE	AKR000003780	8040 HARTZELL RD	99507	no	none	no	yes
ALASKA RAILROAD CORP	AKD981767403	327 W SHIP CREEK AVE	99501	yes	SQG	yes	yes
ALASKA RAILROAD CORP	AKR000005207	2401 VIKING DRIVE	99501	no	SQG	no	no
ALASKA REGIONAL HOSPITAL	AKR000002345	2801 DEBARR RD	99508	no	LQG	no	no
ALASKA SALES & SVC INC	AKD035400514	1300 E 5TH AVE	99501	no	CEG	no	no
ALASKA ST OF DEPT OF FISH & GAME	AKD001955285	333 RASPBERRY RD	99518	no	none	yes	no
ALASKA TOOL & EQUIPMENT SVC	AKD983068610	3207 ARCTIC BLVD	99503	no	CEG	no	no
ALASKA WEST EXPRESS INC	AKD070056239	1048 WHITNEY RD	99501	no	CEG	yes	yes
ALASKA WEST EXPRESS INC	AKD099032682	660 OCEAN DOCK RD	99501	no	CEG	yes	no
ALCAN ENVRIONMENTAL INC 70TH AVE	AKR000000810	1118 E 70TH AVE	99518	no	CEG	yes	no
ALCAN QUEST ENVIRONMENTAL JV	AK0000102020	220 CENTER CT	99518	no	none	yes	no
ALIGNMENT CENTER	AKD981762222	100 E 51ST ST	99503	no	none	no	yes
AMERICAN FAST FREIGHT	AKR000003848	5025 VAN BUREN	99517	no	none	no	yes
AMERICAN POWER SYSTEMS	AKR000205054	6250 TUTTLE PLACE UNIT 2	99507	no	none	no	no
AMERICAN TIRE & WAREHOUSE	AKD983075649	1949 E 5TH AVE	99501	no	CEG	no	no
AML&P GM SULLIVAN PLT 2	AKD983066218	8670 GLENN HWY	99504	no	CEG	no	no
ANALYTICA ALASKA INC	AKR000003459	811 W 8TH AVE	99501	no	CEG	no	no
ANALYTICA INTERNATIONAL, INC.	AKR000000075	5761 SILVERADO WAY STE N	99518	no	CEG	no	no
ANCHORAGE CY OF MAINTENANCE & SIGN SHOP	AK9211890059	2839 MOUNTAIN VIEW DR	99519	no	CEG	no	no
ANCHORAGE CY OF MUNI LIGHT & PWR PLANT 1	AKR000003301	821 E FIRST AVE	99501	no	CEG	no	no
ANCHORAGE DAILY NEWS	AKD041921503	1001 NORTHWAY DR	99508	no	CEG	no	no
ANCHORAGE MUNICIPAL BERING ST SHOP	AKD983076076	4333 BERING ST	99503	no	CEG	no	no
ANCHORAGE MUNICIPAL LIGHT & POWER	AKD039269618	1200 E 1ST AVE	99501	no	CEG	yes	no
ANCHORAGE MUNICIPAL NORTHWOOD SHOP	AKD981773476	5701 NORTHWOOD DR	99517	no	CEG	no	no
ANCHORAGE MUNICIPAL SHOP APD	AKD983076068	4501 S BRAGAW ST	99507	no	CEG	no	no
ANCHORAGE MUNICIPALITY - KINCAID PARK	AKR000202952	9401 W RASPBERRY RD	99502	yes	none	no	no
ANCHORAGE MUNICIPALITY - PEACOCK CLEANER	AKR000202747	4501 LAKE OTIS PARKWAY	99507	no	SQG	no	no
ANCHORAGE MUNICIPALITY POLICE DEPT TRNG	AKR000201962	3740 W DIMOND BLVD	99502	no	SQG	no	no
ANCHORAGE MUNICIPALITY PUBLIC TRANS DEPT	AKD981767015	3650D E TUDOR RD	99507	no	CEG	no	no
ANCHORAGE MUNICIPALITY SPRUCE PARK PROJE	AKD983070087	3400 EAST 84TH STREET	99507	no	LQG	no	no
ANCHORAGE NISSAN	AKD983070004	4748 OLD SEWARD HWY	99503	no	CEG	yes	no

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

Number of Regulated Handlers: 1237

City: Anchorage — **Number of regulated handlers: 315**

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
ANCHORAGE SAND & GRAVEL CO INC	AKD980724033	11155 LANG ST KLATT RD TERM	99515	no	none	no	yes
ANCHORAGE SCHOOL DISTRICT FACILITY MAINT	AKD980977078	1301 LABAR ST	99515	no	SQG	no	no
ANCHORAGE TANK AND WELDING INC	AKR000203273	2723 RAMPART DRIVE	99501	no	CEG	no	no
ANCHORAGE TELEPHONE UTILITY	AKD045751666	600 TELEPHONE AVE	99503	no	CEG	no	no
ANCHORAGE YAMAHA INC	AKR000201624	3919 SPENARD RD	99517	no	SQG	no	yes
ARCTIC AIR SUPPORT LLC	AKR000204404	4501 AIRCRAFT DRIVE #2	99502	no	none	yes	yes
ARCTIC AUTO AND TRUCK SERVICE	AKR000202911	6031 ARCTIC BLVD	99518	no	SQG	no	no
ARCTIC TRANSP SVCS	AKR000000562	5701 SILVERADO WY UNIT L	99518	no	none	yes	no
AT&T ALASCOM INC ANCHORAGE	AKD044593515	210 E BLUFF RD	99501	no	CEG	no	no
AURORA VILLAGE CHEVRON SS 91356	AKD983068370	1465 W NORTHERN LIGHTS BLVD	99503	no	CEG	no	no
AUTO BARN	AKR000202168	201 POST RD	99501	no	none	no	yes
AUTO ELECTRIC REBUILDING & BATTERY	AKR000002931	600 W 58TH AVE UNIT F	99518	no	CEG	no	no
AVIATION MANAGEMENT DIRECTORATE (ARO)	AKR000204453	4405 LEAR COURT	99502	no	CEG	no	yes
AVIS RENT A CAR	AKD983076373	4900 AIRCRAFT DR	99502	no	none	no	yes
B & B ENVIRONMENTAL INC	AKD983073255	941 E DOWLING STE 303	99518	no	none	yes	no
B & R TRUCKING	AKD980836803	3105 MOUNTAIN VW DR	99501	no	none	yes	no
B C EXCAVATING INC	AKD983072950	2251 CINNABAR LP	99507	no	CEG	no	no
BAKER HUGHES OILFIELD OPERATIONS INC	AKR000204818	795 E 94TH AVENUE	99515	no	SQG	no	no
BARGE 160-1	AKR000203661	201 ARCTIC SLOPE AVE	99518	no	SQG	no	no
BARGE KLAMATH	AKR000203703	201 ARCTIC SLOPE AVENUE	99518	no	SQG	no	no
BATTERY SPECIALIST OF AK DBA UNITED TRUE	AKD983074212	1939 E 5TH AVE	99501	no	none	yes	no
BEATS WALKIN	AKR000005330	1425 VIKING	99501	no	CEG	no	no
BELUGA TRUCKING INC	AKD130597818	1430 A ST STE 3	99501	no	none	yes	no
BERING PACIFIC SERVICES CO	AKR000203778	7801 SCHOON, STE B	99518	no	none	yes	no
BLAZE CONSTRUCTION INC	AKD983066192	1301 E 64TH	99518	no	none	yes	no
BMW OF ANCHORAGE (FORMER STEPP BROTHERS)	AKD091746925	730 E 5TH AVE	99501	no	SQG	no	no
BOB BENSON TRUCKING INC	AK0000119875	4600 GAMBELL ST	99503	no	none	yes	no
BOBS SVC INC	AKD983073818	2009 SPAR AVE	99501	no	CEG	no	no
BOYLES BROS DRILLING CO	AKD983075813	2440 CINNEBAR LP	99507	no	CEG	no	no
BRICE MARINE LLC	AKR000204537	745 W 4TH AVE SUITE 306	99501	no	none	yes	no
BRIDGEPOINT SYSTEMS ALASKA	AKR000000729	907 E DOWLING RD STE 9	99518	no	none	yes	no
BROWN BEAR BODY & PAINT	AKR000002386	1155 E 70TH AVE	99518	no	CEG	no	no
BROWNING TIMBER OF AK INC	AKR000003962	4300 B ST STE 603	99503	no	none	yes	no

generator type designators
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EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

Number of Regulated Handlers: 1237

City: Anchorage — **Number of regulated handlers: 315**

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
BURLINGTON ENVIRONMENTAL, LLC	AKR000204420	8100 PETERSBURG STREET	99507	no	none	yes	yes
C & K MARINE LLC	AKR000203380	1105 EAST KLATT RD	99516	no	none	yes	no
C STREET AUTO REPAIR	AKD983075789	5901 ARCTIC BLVD	99503	no	CEG	yes	yes
CAL WORTHINGTON FORD	AKD982658411	1950 GAMBELL	99501	no	SQG	no	yes
CARLILE TRANSPORTATION SYSTEMS INC	AKR000005611	1800 EAST 1ST AVENUE	99501	no	none	yes	yes
CARQUEST AUTO PARTS DISTRIBUTION CENTER	AKR000205120	5491 MINNESOTA DR	99518	no	SQG	no	no
CARQUEST OF ANC - PBE AK #4318	AKR000204784	4505 OLD SEWARD HWY	99503	no	SQG	no	no
CCI, INC. ANCHORAGE FACILITY	AKR000005181	5401 FAIRBANKS ST	99518	no	CEG	yes	no
CENTRAL ENVIRONMENTAL INC	AKD983074188	700 E 46TH ST	99503	no	none	yes	no
CGGVERITAS LAND, INC. (ALASKA DIVISION)	AKR000203950	2450 CINNABAR LOOP	99507	no	none	no	yes
CHEVRON SS 91518	AKR000005520	2927 SEWARD HIGHWAY	99503	no	CEG	no	no
CHEVRON USA INC 90148	AKD983075920	832 E 6TH AVE	99501	no	CEG	no	no
CHEVRON USA INC 97324	AKD983071697	4417 LAKE OTIS PKWY	99507	no	CEG	no	no
CHEVRON USA INC 98557	AKD983073214	415 MULDOON RD	99504	no	CEG	no	no
CHEVRON USA INC SS 206580	AKR000002972	9200 LAKE OTIS PKWY	99507	no	CEG	no	no
CHEVRON USA INC SS 90932	AKD983069915	2200 W DIMOND BLVD	99515	no	CEG	no	no
CHEVRON USA INC SS 94115	AKD983069832	11460 OLD SEWARD HWY	99515	no	CEG	no	no
CHEVRON USA INC SS 95799 CHRIS WYATT	AKD983069642	2500 SEWARD HWY	99503	no	CEG	no	no
CHEVRON USA INC SS 96585	AKD983069659	815 W INTERNATIONAL AIRPORT RD	99518	no	CEG	no	no
CHEVRON USA INC SS 99014 BRODY INC	AKD983069667	3608 MINNESOTA DR	99503	no	CEG	no	no
CHUGACH ELECTRIC ASSN BELUGA POWER PLT	AKD980329882	T13N R3W S7	99519	no	SQG	no	no
CHUGACH ELECTRIC ASSN INTL STA	AKD980329858	5601 ELECTRON DRIVE	99518	no	CEG	no	no
CIHA MOUNTAIN VIEW SUBDIVISION PROJECT	AKR000202846	3608 PETERKIN AVE	99508	no	SQG	no	no
CLEAN HARBORS ENVIRONMENTAL SERVICES INC	AKR000204842	552 WEST 58TH AVE SUITE G	99518	no	CEG	no	no
CLEARWATER ENVIRONMENTAL INC	AKR000000935	1760 ABBOTT RD	99507	no	CEG	yes	yes
CMI AC PLT QUALITY ASPHALT	AKD983074030	BURNS RD BORROW PIT	99506	no	none	no	yes
COLDFOOT ENVIRONMENTAL SERVICES, INC.	AKR000002741	6670 WES WAY	99518	no	none	yes	no
COLUMBIA EQUIPMENT INC	AKD980834022	400 WHITNEY RD	99501	no	none	yes	no
CONICAL OFFSHORE DRILLING UNIT KULLUK -	AKR008752219	3601 C STREET, SUITE 1000	99503	no	CEG	no	no
CONOCOPHILLIPS AK INC - ANCHORAGE TOWER	AKD048422034	700 G ST	99510	no	CEG	no	no
CONTINENTAL AUTO, INC.	AKR000004374	5001 OLD SEWARD HWY	99503	no	none	no	yes
COOK INLET TUG & BARGE CO INC	AKD053816245	824 DELANEY ST	99501	no	none	yes	no
COSTCO WHOLESALE 10	AKD983075839	330 W DIMOND BLVD	99515	no	CEG	no	no

generator type designators
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EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

Number of Regulated Handlers: 1237

City: Anchorage — **Number of regulated handlers: 315**

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
COSTCO WHOLESALE 63	AK0000882274	4125 DEBARR RD	99508	no	CEG	no	no
COURTNEYS TUDOR SVC	AKD983069980	2715 E TUDOR RD	99507	no	none	no	yes
CROWLEY PETROLEUM DISTRIBUTION INC - AN	AKD000831750	459 WEST BLUFF DR	99501	no	CEG	no	no
CUMMINS NORTHWEST, INC.	AKR000004440	2618 COMMERCIAL DR	99501	no	CEG	no	no
CYS MANAGEMENT SVCS INC	AKR000002675	12900 CUMBERLAND CIR	99516	no	none	yes	no
DAVIS CONSTRUCTORS & ENGINEERS, INC.	AKR000200444	740 BONANZA AVE	99518	no	CEG	no	no
DEAN'S AUTOMOTIVE SERVICE	AKR000003855	1131 E SEVENTH AVE	99501	no	CEG	yes	yes
DEAN`S AUTO SALVAGE	AKD981763568	720 EAST WHITNEY ROAD	99501	no	CEG	no	no
DELTA AIR LINES INC	AKR000005249	6300 BOEING AVE	99502	no	CEG	no	no
DELTA WESTERN INC, VESSEL OPERATIONS	AKR000204644	420 L STREET SUITE 101	99501	no	CEG	no	no
DESERT AIR TRANSPORT INC	AKR000203869	4001 OLD INTERNATIONAL AIRPORT ROAD	99502	no	none	yes	yes
DIMOND CLEANERS	AKD983075722	611 W DIMOND BLVD	99515	no	CEG	no	no
DYNAIR SVCS INC	AKD983075086	5011 AIRCRAFT DR	99502	no	CEG	no	no
ECLIPSE ENVIRONMENTAL SVCS INC	AK0000992958	3700 SPRINGER ST	99503	no	none	yes	yes
EDS UNLIMITED AUTOBODY & PAINT	AKD983075219	1300 E 74TH AVE	99518	no	CEG	no	no
EMERALD ALASKA INC	AKR000004184	2020 VIKING DRIVE	99501	no	LQG	yes	yes
EMERALD ALASKA INC	AKR000201921	ALASKA RR CORP TRACK # RIP 6	99501	no	SQG	no	no
ENGINE & GEAR WORKS INC	AK0000033902	2130 E DIMOND BLVD	99515	no	CEG	no	no
ENSTAR NATURAL GAS CO - ANCHORAGE	AKD980984843	401 E INTERNATIONAL AIRPORT RD	99518	no	CEG	no	no
ENTECH THERMAL OXIDATION SYS	AK0000247833	6710 WES WAY	99518	no	none	no	yes
ENVIRONMENTAL COMPLIANCE CONSULTANTS	AKR000202408	1500 POST ROAD	99501	no	CEG	yes	yes
ENVIRONMENTAL COMPLIANCE CONSULTANTS (EC	AKR000203083	8040 HARTZELL ROAD	99507	no	none	no	yes
ERA HELICOPTERS LLC	AKD035403559	6160 CARL BRADY DR	99502	no	SQG	no	no
ERA HELICOPTERS, LLC	AKR000202101	6300 CARL BRADY DR	99502	no	SQG	yes	no
EVERGREEN AVIATION	AKR000004887	3501 POSTMARK DRIVE	99502	no	CEG	no	no
EVERGREEN HELICOPTERS OF ALASKA	AKR000000125	1935 MERRILL FLD DR	99501	no	none	yes	yes
F M C CORP SURFACE WELLHEAD	AKD983071689	700 W INTL AIRPORT RD	99518	no	CEG	no	no
FAIRWEATHER MARINE SERVICES INC	AKR000003491	715 L ST	99501	no	none	yes	no
FEDERAL EXPRESS CORP ROCKWELL AVE	AKD983068453	6050 ROCKWELL AVE	99502	no	CEG	no	yes
FEDERAL EXPRESS CORPORATION	AKR000203547	3444 W INTERNATIONAL AIRPORT BLVD	99502	no	CEG	no	no
FEDEX GROUND	AKR000201772	1550 RESSEL AVE	99518	no	CEG	no	no
FIFTH AVE AUTO CTR	AKD982657447	1801 E 5TH AVE	99501	no	CEG	no	no
FIRE STATION #6	AKR000204701	1301 PATTERSON ST	99504	no	CEG	no	no

generator type designators
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EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

Number of Regulated Handlers: 1237

City: Anchorage — **Number of regulated handlers: 315**

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
FIRST RESPONSE OIL SPILL GROUP F.R.O.G	AKR000201418	6736 ROSEWOOD ST	99518	no	none	no	yes
FLINT HILLS RESOURCES ALASKA, LLC ANCHOR	AKD980987499	1076 OCEAN DOCK RD	99501	no	LQG	no	no
FOOD SERVICES OF AMERICA	AKR000201533	10420 OLIVE LANE	99515	no	CEG	no	no
FOOD TRANSPORTATION SERV INC	AKR000003145	11831 S GAMBEL	99515	no	none	yes	no
FORTY NINER TRANSP INC	AK0000627513	3111 C ST STE 500	99503	no	none	yes	no
FRED MEYER NORTHERN LIGHTS	AKR000002220	1000 E NORTHERN LIGHTS BLVD	99508	no	CEG	no	no
FRONTIER PAVING CORP	AK0000331694	11710 S GAMBELL ST	99515	no	none	no	yes
G W C INC DBA DENALI CAR RENTAL	AKD983075607	1209 GAMBELL ST	99501	no	CEG	no	yes
GARRETT'S TESORO NO 1	AKR000002402	2811 NEW SEWARD HWY	99503	no	CEG	no	no
GRAND AUTO	AKD121155360	7725 OLD SEWARD HWY	99518	no	CEG	no	no
GRAND AUTO	AKD980983910	1000 E NORTHERN LIGHTS BLVD	99508	no	CEG	no	no
GREAT PACIFIC SEAFOODS INC	AKR000200469	4201 W OLD INTERNATIONAL AIRPORT RD	99502	no	SQG	no	no
GREATLAND AIR CARGO INC	AKR000000059	3600 W INTL ARPRT RD STE 2	99502	no	none	yes	no
GREEN CONNECTION	AKD019522135	804 E 15TH	99501	no	CEG	no	no
HAGELAND AVIATION SERVICES	AKW000000288	4700 W INTERNATIONAL AIRPORT RD	99502	no	CEG	yes	yes
HANSON WYATT INC SVC STA 95414	AKD983068818	5210 OLD SEWARD HWY	99518	no	CEG	yes	no
HD SUPPLY WATERWORKS LTD - WW5850	AKR000202077	440 W 40TH AVE	99503	no	CEG	no	no
HOME DEPOT #HD8940	AKR000201939	1715 ABBOTT RD	99507	no	SQG	no	no
HOME DEPOT USA INC HD 1302	AKR000000687	400 RODEO PLACE	99508	no	SQG	no	no
HOME DEPOT USA, INC. HD 1301	AKR000004234	515 EAST TUDOR ROAD	99503	no	SQG	no	no
HUFFMAN RESIDENTIAL PROPERTY	AKR000202309	3035 HUFFMAN ROAD	99518	no	SQG	no	no
INTERNATIONAL AVIATION SERVICES	AKR000202432	2550 POSTMARK DR	99502	no	SQG	no	no
JEWEL LAKE CLEANERS & LAUNDRY	AKD983071663	9001 JEWEL LAKE RD BAY 8	99502	no	CEG	no	no
JIFFY LUBE	AKD980986160	360 W DIMOND BLVD	99515	no	CEG	no	no
JIFFY LUBE	AKD983068925	3429 E TUDOR RD	99507	no	CEG	no	no
JL PROPERTIES PARKING LOT	AKR000200360	122 W 5TH AVE	99501	no	CEG	no	no
JOES BODY PAINT & FRAME	AKD983068842	774 FISCHER AVE	99518	no	CEG	no	no
JOHNSON LLOYD L	AKD980983456	8220 RESURRECTION	99504	no	none	yes	no
JOHNSONS TIRE SVC INC	AK0000145151	2839 MINNESOTA DR	99503	no	CEG	no	no
K C TRUCKING	AKD983066432	200 W 34TH AVE STE 1056	99503	no	none	yes	no
K-C CORPORATION	AKR000004929	2600 RAILROAD AVE	99501	no	CEG	no	no
KEYSTONE LOGISTICS CORPORATION	AKR000001776	2320 N POST RD	99501	no	SQG	no	no
KUA JEWEL LAKE SITE	AKR000204289	LAT 61 08' 18.17"N LONG 149 56	99502	no	LQG	no	no

generator type designators
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EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

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Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
LINDER CONSTRUCTION INC	AKD983076126	8220 PETERSBURG ST	99501	no	none	yes	no
LITHIA BODY SHOP OF ANCHORAGE	AKR000202549	4904 OLD SEWARD HWY	99518	no	SQG	no	no
LOWES HIW-ANCHORAGE (289)	AKR000000018	333 E TUDOR RD	99503	no	SQG	no	no
LYNDEN AIR CARGO INC	AKR000001909	6301 S AIRPARK DR	99502	no	none	yes	no
LYNDEN TRANSPORT INC	AKD009504457	3027 RAMPART DR	99501	no	CEG	yes	no
M I DRILLING FLUIDS CO ANCHORAGE	AKD980975825	721 W 1ST AVE	99501	no	CEG	no	no
MAJESTIC AIR CARGO	AKR000002139	4041 W INTERNATIONAL AIRPORT R	99502	no	none	yes	no
MARTECH USA INC	AKD983076225	300 E 54TH AVE	99518	no	none	yes	no
MATANUSKA MAID DAIRY	AKD983073925	814 W NORTHERN LIGHTS BLVD	99503	no	none	no	yes
MAYFIELD'S QUALITY CLEANERS AND LAUNDRY	AKD983069014	3400 DEBARR ROAD	99508	no	CEG	no	no
MCDANIEL TRUCKING INC	AKD981766967	1830 W 46TH AVE	99517	no	none	yes	no
MCDONALD INDUSTRIES ALASKA	AKD983073826	2756 COMMERCIAL DR	99501	no	CEG	no	no
MOBIUS OIL SERVICE	AKR000203554	2303 MCRAE RD 1	99517	no	none	no	yes
MT BAKER ASSOC	AKD983073230	2817 RAMPART DR	99501	no	CEG	no	no
MUSGRAVE TRUST ANCHORAGE	AKD983069634	743 W 5TH AVE	99501	no	CEG	no	no
N C MACHINERY CO ANCHORAGE	AKD047481452	6450 ARCTIC BLVD	99518	no	SQG	no	no
NANA/LYNDEN LOGISTICS	AKD980665061	6441 S AIRPARK PL	99502	no	none	yes	yes
NAPA DISTRIBUTION CTR	AKR000002840	6220 ROVENNA ST	99518	no	CEG	no	no
NORGETOWN LAUNDRY & CLEANERS (FORMER)	AKD982656894	5477 E NORTHERN LIGHTS BLVD	99501	no	CEG	no	no
NORTH CREEK ANALYTICAL ALASKA	AKR000200436	2000 W INTERNATIONAL AIRPORT RD	99502	no	SQG	no	no
NORTH STAR AIR CARGO INC	AKD980978530	4340 SATELLITE DR	99502	no	none	yes	no
NORTHERN AIR CARGO	AKD983068727	3488 W INTERNATIONAL AIRPRT RD	99502	no	SQG	no	no
NORTHERN AIR CARGO INC	AKD003845526	3900 W INTL ARPRT	99502	no	none	yes	no
NORTHERN PETROLEUM SVCS	AKR000000067	6130 OLD SEWARD HWY	99518	no	CEG	yes	yes
NORTHERN PRINTING CO	AKR000000786	5701 SILVERADO WY STE K	99518	no	CEG	no	no
NORTHWEST AIRLINES	AKD085192185	4300 W INTL AIRPORT RD	99502	no	SQG	no	no
NORTHWEST CONTRACTING, INC DBA PACIFIC A	AKR000204933	11350 S GAMBELL, SUITE 1	99515	no	SQG	no	no
NYE FRONTIER TOYOTA AUTOBODY SHOP	AKR000200147	931 EAST 6TH AVE	99501	no	SQG	no	no
ONE HOUR FIREWEED CLEANERS	AKR000003210	500 E FIREWEED LN	99503	no	SQG	no	no
ONE HOUR PHOTO STUDIO	AKR000003533	3020 MINNESOTA DR UNIT 8C	99503	no	CEG	no	no
P-ROCK CONSTRUCTION, INC.	AKD983068974	230 E 54TH AVE	99518	no	SQG	no	no
PACIFIC ASPHALT PRODUCTS	AKR000203711	801 E 100TH AVENUE	99515	no	SQG	no	no
PACIFIC POWER PRODUCTS	AKD983071739	8001 PETERSBURG ST	99507	no	CEG	no	yes

generator type designators
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EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

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PAULS BODY SHOP INC	AKR000000240	1237 E 66TH AVE	99518	no	CEG	no	no
PENINSULA AIRWAYS INC	AKR000003061	6100 BOEING AVE	99502	no	none	yes	no
PENSKE AUTO CENTER OLD SEWARD HWY	AKR000000679	3601 OLD SEWARD HWY STE A	99515	no	CEG	no	no
PHOTO EXPRESS	AKD983076118	2000 E DOWLING UNIT 2	99507	no	CEG	no	no
PICKWORTH & ASSOC NORTHERN MARINE INC	AKD103351532	1200 OCEAN DOCK RD	99501	no	none	yes	no
PIONEER NATURAL RESOURCES OOOGUNUK EXPL(	AKR000203034	700 G STREET, SUITE 600	99501	no	CEG	no	no
PLASCHEM SUPPLY	AKR000200345	1415 SPAR AVE	99501	no	CEG	no	no
POLAR ALASKT FREIGHT TRANSPORT	AKR000004705	6651 WES WAY	99518	no	none	yes	no
PRECISION PAVEMENT MARKING INC	AKR000003970	200 N POST RD YARD	99501	no	LQG	no	no
PROFESSIONAL AUTOMOTIVE	AKD035401793	210 E POTTER DR	99518	no	CEG	no	yes
PROVIDENCE ALASKA MEDICAL CTR	AKD083350751	3200 PR0VIDENCE DR	99508	no	CEG	no	no
PUBLIC SERVICE AIRCRAFT, INC.	AKD983068446	4001 W INTL ARPRT RD SUITE 2	99502	no	none	yes	yes
QUALITY COACHWORKS	AKD983070012	631 E 48TH AVE	99503	no	CEG	no	no
R & R GARAGE	AKR000004127	514 W FIREWEED	99503	no	none	no	yes
RED BOX REFUSE, LLC	AKD980975916	6670 WES WAY, SUITE B	99518	no	none	yes	no
REEDS GENERAL CONTRACTING INC	AKD983066424	2027 E 39TH AVE	99508	no	none	yes	no
RESTORE STORE & ANTIQUE SHOP	AKD983075656	630 E INTL AIRPORT RD	99503	no	CEG	no	no
SAGE PROPERTIES, LLC	AKR000000596	6935 JEWEL LAKE RD	99502	no	SQG	no	no
SAM'S CLUB #6601	AKR000002204	8801 OLD SEWARD HWY	99515	no	CEG	no	no
SAM'S CLUB #6602	AKR000002196	3651 PENLAND PKWY	99508	no	CEG	no	no
SAM'S CLUB #6602	AKR000205187	1074 N MULDOON RD	99504	no	CEG	no	no
SEA LAND FREIGHT SVC INC	AKD044038511	1717 TIDEWATER RD	99501	no	CEG	no	yes
SECURITY AVIATION INC	AKR000000612	3600 W INTL ARPRT RD	99502	no	none	yes	no
SGS NORTH AMERICA, INC.	AKR000003715	200 WEST POTTER DRIVE	99518	no	SQG	no	no
SHARED SERVICES AVIATION	AKR000202218	6601 SOUTH AIRPARK PLACE SUITE A	99502	no	none	yes	yes
SHELL OIL PRODUCTS US SAP NR 121580	AKR000203331	801 WEST TUDOR RD	99502	no	SQG	no	no
SHERWIN WILLIAMS STORE 8176	AKD983069709	245 POST RD	99501	no	CEG	no	no
SMITH INTERNATIONAL	AKD983068891	5761 SILVERADO WAY STE M1	99518	no	CEG	no	no
SPERNAK AIRWAYS INC	AKR000003830	1707 MERRILL FIELD DR	99501	no	none	yes	no
SPRUCE PARK AUTO BODY INC	AKD983072679	1657 E DOWLING RD	99507	no	CEG	no	no
STAPLES	AKD983073792	4831 OLD SEWARD HWY	99503	no	SQG	no	no
STEEL FAB	AKR000200493	2132 RAILROAD AVE	99501	no	CEG	no	no
SWALLING CONSTRUCTION CO	AKD983072927	250 POST ROAD	99501	no	SQG	no	no

generator type designators
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EPA Region 10 Report: List of RCRA Regulated Handlers, Sorted By Location City and Handler Name

State of Alaska

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Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
TAPS PUMP STA 6	AKD980329585	DALTON HWY MP 54	99512	no	CEG	no	yes
TARGET STORE #T2371	AKR000203000	1200 NORTH MULDOON ROAD	99504	no	SQG	no	no
TARGET STORE #T2372	AKR000203471	150 WEST 100TH AVENUE	99515	no	SQG	no	no
TED STEVENS ANCHORAGE INTERNATIONAL AIRP	AKD061038816	5000 WEST INTERNATIONAL AIRPORT RD	99519	no	LQG	no	no
TERRASAT	AKD983069329	901 E 5TH AVE	99501	no	CEG	no	no
TESORO ALASKA PETROLEUM CO	AK0000237438	1224 WHITNEY RD	99501	no	CEG	no	no
TESORO ALASKA PIPELINE CO	AKD051232551	3380 C ST	99503	no	none	yes	no
TESORO LOGISTICS OPERATIONS GP, LLC, ANC	AKD000618132	1522 ANCHORAGE PORT ROAD	99501	no	CEG	no	no
TESORO LOGISTICS OPERATIONS GP, LLC, ANC	AKD055503825	1601 TIDEWATER ROAD	99501	no	CEG	no	no
TIREMOBILE INC.	AKR000004762	1215 E HUFFMAN R #4	99515	no	SQG	no	yes
TOTAL RECLAIM, INC.	AKR000201897	12101 INDUSTRY WAY	99515	no	SQG	no	no
UNICHEM	AK0000285213	3105 LAKESHORE DR STE 106	99517	no	CEG	no	no
UNIT COMPANY YARD	AKR000004697	8101 OLD SEWARD HWY	99518	no	CEG	no	no
UNITED AIRLINES INC	AKD983073156	5000 W INTL ARPRT RD	99502	no	CEG	no	no
UNITED FREIGHT & TRANSPORT	AKD983074220	1100 E 3RD AVE	99501	no	none	yes	no
UNITED PARCEL SERVICE ANCHORAGE	AKR000003541	6200 LOCKHEED AVE	99506	no	CEG	no	no
UNITED PARCEL SVC ANCHORAGE N	AKD983076324	6200 LOCKHEED AVE	99502	no	CEG	no	no
UNITED TECHNOLOGIES OTIS ELEVATOR	AKD983068883	619 E SHIP CREEK AVE, STE 301	99501	no	none	no	yes
UNIVAR USA INC.	AKD981765902	590 E. 100TH STREET	99515	no	LQG	yes	no
UNIVERSITY OF ALASKA ANCHORAGE	AKD981768385	3211 PROVIDENCE DR	99508	no	CEG	no	no
US DOD USAF JOINT BASE ELMENDORF-RICHARD	AK8570028649	11735 VANDENBERG AVE	99506	yes	LQG	no	no
USAF 611 CES/CEOR	AKR000203356	6260 ARCTIC WARRIOR DRIVE	99506	no	none	yes	yes
USAF KULIS AIR NATIONAL GUARD BASE	AK3570096021	5005 RASPBERRY RD	99502	no	SQG	no	no
USARMY FT RICHARDSON	AK1210022157	730 QUARTERMASTER ROAD	99505	yes	none	no	no
USDHHS PHS MEDICAL CTR ANCHORA AK NATIVE	AK5750361086	255 GAMBELL	99501	no	CEG	no	yes
USDOI BLM CAMPBELL TRACT FACILITY	AK4141100160	4700 BLM RD	99507	no	CEG	no	no
USDOI GS OEVE	AK6140737648	5500 OILWELL RD	99506	no	CEG	no	no
USDOI NPS ANCHORAGE OFFICE	AK3141790144	5100 CORDOVA ST	99577	no	CEG	no	no
USDOT FAA AIR ROUTE TRAFFIC CONTROL CTR	AK9690502001	700 N BONIFACE PKWY	99506	no	CEG	yes	yes
USDOT FAA ANCHORAGE FLT INSP AREA OFFICE	AKR000000190	4610 W INTL ARPRT BLVD	99502	no	CEG	no	no
USGS, ALASKA SCIENCE CENTER	AKR000203588	4210 UNIVERSITY DR.	99508	no	CEG	no	no
USGSA FEDERAL BUILDING COURTHOUSE	AK0150000156	222 W 7TH AVE, ROOM 151 BOX 5	99513	no	CEG	no	no
VECO INC	AKD983071523	160 W 68TH	99518	no	CEG	no	no

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VERNAIR	AKR000003525	1705 FIFTH AVE	99506	no	CEG	no	no
VRCA ENVIRONMENTAL SVCS	AKD983070061	6700 ARCTIC SPUR RD	99518	no	none	yes	no
WAL-MART STORE #2070	AKR000004713	3101 A STREET	99503	no	SQG	no	no
WAL-MART STORE #2071	AKR000002782	8900 OLD SEWARD HWY	99515	no	SQG	no	no
WALDEC ENTERPRISES INC	AKD983068230	BONIFACE PKY & DEBARR RD	99504	no	CEG	no	yes
WALMART SUPERCENTER #2071 WAREHOUSE	AKR000203836	7801 KING STREET	99515	no	SQG	no	no
WALMART SUPERCENTER #4359	AKR000205179	7405 DEBARR RD	99504	no	CEG	no	no
WARNING LITES OF ALASKA, INC.	AKR000201392	591 WEST 67TH AVE	99518	no	CEG	no	no
WASTE MANAGEMENT ANCHORAGE 10-DAY TRANS	AKR000204925	1519 SHIP AVENUE	99501	no	none	yes	no
WAXIE SANITARY SUPPLY	AKR000203109	4005 SPENARD RD	99517	no	CEG	no	no
WAYNES CERTIFIED AUTOMOTIVE	AKR000004572	11901 SOUTH GAMBELL	99515	no	CEG	no	no
WEAVER BROTHERS INC	AKR000002576	1611 E 1ST AVE	99501	no	none	no	yes
WEAVER BROTHERS INC KENAI	AKD002848372	2230 SPAR AVE	99501	no	none	yes	no
WEONA CORPORATION	AKR000203091	10501 OLIVE LANE	99515	no	SQG	no	no
WESGRO PAINT & DRYWALL SUPPLY, INC.	AKR000204297	6141 ROVENNA ST	99518	no	LQG	no	no
WEST CONSTRUCTION	AKR000204180	6120 A STREET	99518	no	SQG	no	no
WEST MARINE INC	AKR000204727	8401 DIMOND D BLVD	99515	no	CEG	no	no
WESTERN INSULFOAM CORP	AK0000033910	628 WESTERN DR	99501	no	CEG	no	no
WILDER CONST CO	AKD983072489	11301 LANG ST	99515	no	CEG	no	no
WILLIAMS EXPRESS STORE #5014	AKD980983639	1900 MULDOON RD	99504	no	CEG	no	no
YUKON EQUIPMENT INC	AKD027487123	2020 E 3RD AVE	99501	no	CEG	no	yes
YUTE AIR ALASKA INC	AKR000004150	4451 AIRCRAFT DRIVE	99502	no	none	yes	no

City: Anderson — Number of regulated handlers: 2

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
ANDERSON CY OF MAINT SHOP	AK0000076703	D ST	99744	no	none	no	yes
CITY OF ANDERSON	AKR000004671	260 WEST 1ST STREET	99744	no	none	no	yes

City: Angoon — Number of regulated handlers: 2

Handler Name	Handler ID	Location Address	Zip	TSD	Gen Type	Trans	Used Oil
THREA ANGOON POWER PLT	AKR000000356	413 KATANOOK ST	99820	no	none	no	yes
USDOT CG GRAVE ISLAND LIGHT	AKR000000265	PYBUS BAY 18 MI SE OF CY	99820	no	CEG	no	no

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of TSD Facilities Sorted by Handler Name

State of Alaska

Number of handlers: 6

Handler Name	Handler ID	Location Address	City	Zip Code	TSD Type	Gen Type	Transport	Used Oil
ANCHORAGE MUNICIPALITY - KINCAID PARK	AKR000202952	9401 W RASPBERRY RD	ANCHORAGE	99502	L-----	none	no	no
BP EXPLORATION ALASKA PRUDHOE BAY	AKD000643239	PRUDHOE BAY UNIT	PRUDHOE BAY	99734	---S--	LQG	no	yes
TESORO ALASKA COMPANY, KENAI REFINERY	AKD048679682	54741 TESORO RD	KENAI	99611	L-----	LQG	no	no
US DOD USAF JOINT BASE ELMENDORF-RICHARD	AK8570028649	11735 VANDENBERG AVE	ANCHORAGE	99506	---S--	LQG	no	no
USARMY FT RICHARDSON	AK1210022157	730 QUARTERMASTER ROAD	ANCHORAGE	99505	---S--	none	no	no
USDHS CG BASE SUPPORT UNIT KODIAK	AK9690330742	ANTON LARSON BAY ROAD AND REZA	KODIAK	99619	L--S--	LQG	yes	yes

***** End of Report *****

activity type designators
TSD: L - land disposal ; S - storage ; T - treatment ; I - incinerator ; B - burner/blender ;
Generator: LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

Number of Regulated Generators: 936

Generator Type: Large Quantity Generator — **Number of handlers: 60**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
ACME ANALYTICAL LAB	AKR000203752	1921 SANDURI AVE	FAIRBANKS	99701	no	no	no
ADEC RIVER TERRACE CLEANUP	AKR000002790	VARIOUS LOCATIONS AROUND RIVER T	SOLDOTNA	99669	no	no	no
AGRIUM KENAI NITROGEN OPERATIONS	AKD092876390	MILE 21 KENAI SPUR HIGHWAY	KENAI	99611	yes	no	no
ALASKA GOLD COMPANY	AKR000200857	115 6TH AVENUE WEST	NOME	99762	no	no	yes
ALASKA REGIONAL HOSPITAL	AKR000002345	2801 DEBARR RD	ANCHORAGE	99508	no	no	no
ALYESKA TAPS PUMP STATION 1	AKD982658619	JAMES DALTON HIGHWAY MP 1	PRUDHOE BAY	99734	no	no	yes
ALYESKA TAPS PUMP STATION 11, GLENNALLEN	AKD983076274	RICHARDSON HIGHWAY MP 115, PIP	GLENNALLEN	99588	no	no	yes
ALYESKA TAPS PUMP STATION 4	AKD980977318	DALTON HIGHWAY MP 270, PIPELIN	DEADHORSE	99740	no	no	yes
ALYESKA TAPS PUMP STATION 8	AKD980329601	RICHARDSON HIGHWAY MP 330, PIP	SALCHA	99714	no	no	yes
ALYESKA TAPS PUMP STATION 9	AKD980329619	RICHARDSON HIGHWAY MP 258, PIP	DELTA JUNCTION	99737	no	no	yes
ALYESKA TAPS VALDEZ MARINE TERMINAL	AKD052581758	300 DAYVILLE ROAD, PIPELINE MP 800	VALDEZ	99686	yes	no	yes
ANCHORAGE MUNICIPALITY SPRUCE PARK PROJE	AKD983070087	3400 EAST 84TH STREET	ANCHORAGE	99507	no	no	no
ATIGUN INCORPORATED	AKR000204214	54735 INDUSTRIAL AVE	KENAI	99611	no	no	no
BIG HURRAH	AKR000204735	MILE 40 NOME-COUNCIL HWY	NOME	99762	no	no	no
BP BADAMI OIL PIPELINE SYSTEM	AKR000204628	UMIAT MERIDIAN, T10N, R16E	PRUDHOE BAY	99734	no	no	no
BP EXPLORATION ALASKA PRUDHOE BAY	AKD000643239	PRUDHOE BAY UNIT	PRUDHOE BAY	99734	yes	no	yes
BROWN'S HILL QUARRY	AKR000204594	1725 BADGER RD	NORTH POLE	99705	no	no	no
CAMP LONELY	AKR000201616	PITT POINT T18N R8N SE 1/4 UM	BARROW	99723	no	no	no
COASTAL VILLAGES SEAFOODS M/V GILDY LOG	AKR000204867	CITY OF SEWARD DRY DOCK	SEWARD	99664	no	no	no
COEUR ALASKA, INC KENSINGTON GOLD MINE	AKR000203612	SEC 5, T35S, R62E APPROX 45 MI	JUNEAU	99801	no	no	no
CONOCOPHILLIPS ALASKA, INC. KUPARUK OIL	AKD991281023	35 MI WEST OF DEADHORSE	DEADHORSE	99734	no	no	no
EMERALD ALASKA INC	AKR000004184	2020 VIKING DRIVE	ANCHORAGE	99501	no	yes	yes
EMMONAK SCHOOL	AKR000203828	62D 46.923M N 164D 31.603M W	EMMONAK	99581	no	no	no
FISHING COMPANY OF ALASKA	AKR000205112	1 AIRPORT DRIVE	DUTCH HARBOR	99692	no	no	no
FLINT HILLS RESOURCES ALASKA, LLC ANCHOR	AKD980987499	1076 OCEAN DOCK RD	ANCHORAGE	99501	no	no	no
FLINT HILLS RESOURCES ALASKA, LLC NORTH	AKD000850701	1100 H&H LANE	NORTH POLE	99705	yes	no	no
FORMER FAIRBANKS MORSE POWER PLANT	AKR000204909	AIRPORT RD & MP .25 HATCHERY R	METLAKATLA	99926	no	no	no
FORMER SITE OF INDUSTRIAL ROOFING	AKR000204982	10020 CAMDEN	JUNEAU	99801	no	no	no
KENAI LANDING	AKR000205286	2101 BOWPICKER LANE	KENAI	99611	no	no	no
KUA JEWEL LAKE SITE	AKR000204289	LAT 61 08' 18.17"N LONG 149 56	ANCHORAGE	99502	no	no	no
MARATHON PIPE LINE LLC - TRADING BAY STA	AKR000204743	60D 48.8961' N, -151D 47.339'W	TYONEK	99682	no	no	no
NAPASKIAK K-12 REPLACEMENT SCHOOL	AKR000204586	111 VILLAGE RD	NAPASKIAK	99559	no	no	no
NIKAITCHUK UNIT	AKR000202804	OLIKTOK POINT	DEADHORSE	99734	no	no	no
PETRO STAR VALDEZ REFINERY	AK0000384040	2.5 DAYVILLE ROAD	VALDEZ	99686	no	no	no

generator type designators

LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

v5

none in project area

EPA Region 10 Report: List of Regulated Generators, Sorted By Generator Type and Handler Name

State of Alaska

Number of Regulated Generators: 936

Generator Type: Large Quantity Generator — **Number of handlers: 60**

Handler Name	Handler ID	Location Address	City	Zip Code	TSD	Transporter	Used Oil
PRECISION PAVEMENT MARKING INC	AKR000003970	200 N POST RD YARD	ANCHORAGE	99501	no	no	no
PREMIUM POWER CORPORATION	AKR000204636	245 FOURTH AND LAGOON	KOTZEBUE	99752	no	no	no
PRO-WEST CONTRACTORS LLC BONANZA CHANNEL	AKR000204560	MILE 31.5 NOME COUNCIL HWY	SOLOMON	99762	no	yes	no
SOUTH PAD	AKR000205229	SOUTH PAD BLOCK B LOT 3	BARROW	99723	no	no	no
TAPRAQ OLD TANK FARM	AKR000204776	321 MOUNTAIN VIEW RD	STEBBINS	99671	no	no	no
TED STEVENS ANCHORAGE INTERNATIONAL AIRP	AKD061038816	5000 WEST INTERNATIONAL AIRPORT F	ANCHORAGE	99519	no	no	no
TESORO ALASKA COMPANY, KENAI REFINERY	AKD048679682	54741 TESORO RD	KENAI	99611	yes	no	no
TYONEK CONTRACTORS LLC	AKR000204750	BLOCK 8, LOTS 4 AND 5	POINT HOPE	99766	no	no	no
UNIVAR USA INC.	AKD981765902	590 E. 100TH STREET	ANCHORAGE	99515	no	yes	no
UNIVERSITY OF ALASKA FAIRBANKS	AKD048679567	TANANA DRIVE	FAIRBANKS	99775	yes	no	no
US ARMY GARRISON FORT WAINWRIGHT	AK6210022426	ENTIRE MILITARY RESERVATION	FORT WAINWRIGHT	99703	yes	no	no
US DOD USAF JOINT BASE ELMENDORF-RICHARD	AK8570028649	11735 VANDENBERG AVE	ANCHORAGE	99506	yes	no	no
US DOI NPS GLACIER BAY NATL PARK	AK1141735901	#1 PARK RD (BARTLETT COVE)	GUSTAVUS	99826	no	no	no
USACE OCEAN CAPE RRS FUDS	AK6570028690	59.541667, -139.862222	YAKUTAT	99689	no	no	no
USAF BULLEN POINT SRRS	AK2570028652	N 70 DEG 10 22 W 146 DEG 50 10	KAKTOVIK	99747	no	no	yes
USAF EIELSON AFB	AK1570028646	2310 CENTRAL AVENUE., SUITE 100	EIELSON AFB	99702	yes	no	no
USARMY HAINES FUEL TERMINAL	AK2211802127	3.5 MILE LUTAK POINT ROAD	HAINES	99827	no	no	no
USARMY USACE CATON ISLAND FUDS	AKR000204388	54.412778N, 162.468889W	SOUTH OF COLD BAY	99571	no	no	no
USARMY USACE GAMBELL	AKR000003228	T 20 SOUTH, R 67 WEST, SEC 3	GAMBELL	99742	no	no	no
USARMY USACE UNALAKLEET ACW FUDS	AKR000201608	SEC 23, T 85, R11 W	UNALAKLEET	99684	no	no	no
USDHS CG BASE SUPPORT UNIT KODIAK	AK9690330742	ANTON LARSON BAY ROAD AND REZA	KODIAK	99619	yes	yes	yes
USDHS CG BSU KETCHIKAN	AK8690360492	1300 STEDMAN STREET	KETCHIKAN	99901	yes	no	yes
USDOT FAA ANNETTE ISLAND	AK3690500167	ANN ANNETTE ARPRT NAV AIDS	ANNETTE ISLAND	99926	no	no	no
USDOT FAA SUNSET COVE	AKR000203802	N57D 28.9761M W133D 31.4761M	TWNSHP 51, S RANGE	99829	no	no	no
WESGRO PAINT & DRYWALL SUPPLY, INC.	AKR000204297	6141 ROVENNA ST	ANCHORAGE	99518	no	no	no
WOODRIVER ELEMENTARY SCHOOL	AKR000205104	5000 PALO VERDE AVE	FAIRBANKS	99709	no	no	no

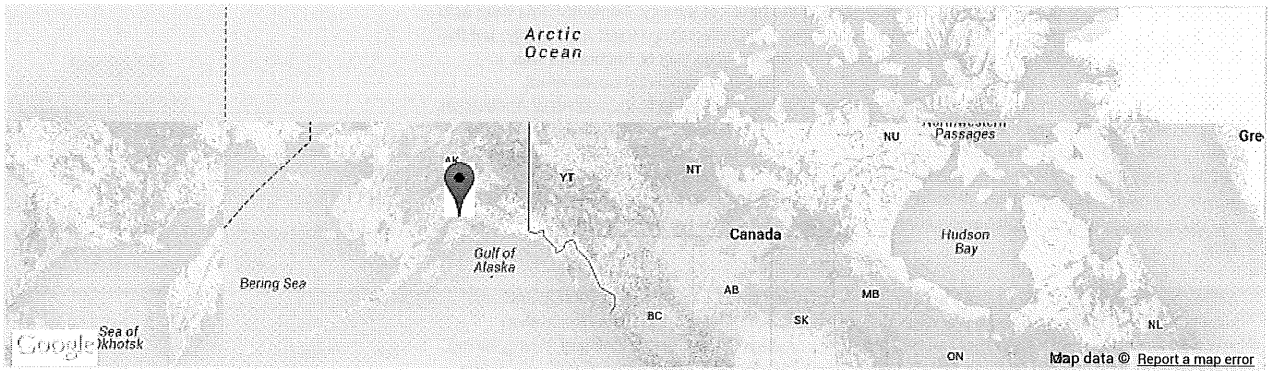
--- End of Large Quantity Generator ---

generator type designators
LQG - large quantity generator ; SQG small quantity generator ; CEG - conditionally exempt small quantity generator

Department of Commerce, Community, and Economic Development
Division of Community and Regional Affairs

COMMUNITY: ANCHORAGE

Return to Communities list



Community Information

All

General Overview

Anchorage
Unified Home Rule Borough in the Municipality of Anchorage

All

Community Details

Current Population
298,842

Population Comment
(2012 DCCED certified estimate) — Department of Commerce and Economic Development

Pronunciation/Other Names
(ANG-kuh-ridge)

Community's Senate District
F;G;H;I;J;K;L;M;N

Community's House District
11;12;13;14;15;16;17;18;19;20;21;22;23;24;25;26;27

Community's Judicial District
3

Recording District
Anchorage

Geography and Climate

Location
Anchorage, the most populated municipality in Alaska, is located in southcentral Alaska at the head of Cook Inlet. It is 3 hours' flight time from Seattle.

Climate
The average temperatures in January range from 8 to 21 °F. In July, average temperatures range from 51 to 65 °F. Average annual precipitation is 15.9 inches, and average annual snowfall is 69 inches.

Community Map Available
No

Latitude
61.2181

Longitude
-149.9003

Sq Mi Land
1697.20

Sq Mi Water
263.90

History and Culture

History
In 1741 Russian sailors led by the Dane Vitus Bering came upon Alaska's mainland. They were

followed by British, Spanish, and American explorers, including Captain James Cook in 1778. In 1867 Alaska was purchased by the U.S. from Russia. The discovery of gold in 1887 and in the Interior in 1922 sparked development in the area. Construction began in 1914 on a federal railroad from the port of Seward, 126 miles south of Anchorage, through the coalfields of Interior Alaska, to the gold claims near Fairbanks, 358 miles to the north. The midpoint construction headquarters was Anchorage, and, by July of 1915, thousands of job seekers and opportunists had poured into the area, living in a tent city on the banks of Ship Creek near the edge of the present downtown. That July produced the "Great Anchorage Lot Sale," a land auction that shaped the future of the city. Some 655 lots were sold for $148,000, an average of $225 each. A month later, the town voted to call itself Alaska City, but the federal government refused to change its name from Anchorage. The City of Anchorage was incorporated on Nov. 23, 1920. From 1939 to 1957, major military impacts and government construction of roads, airports, and harbors throughout Alaska contributed to the growth of Anchorage. The port was completed by the early 1960s. The Greater Anchorage Area Borough was formed on Jan. 1, 1964. The Good Friday earthquake in 1964 destroyed a large part of the city. During the 1970s, the development of the Prudhoe Bay oilfields and the Trans-Alaska Pipeline brought rapid growth to Anchorage; population, office space, and housing tripled within a ten-year period. On Sept. 15, 1975, the city and borough governments were unified, along with the cities of Girdwood and Glen Alps.

Culture

Anchorage has a history of cultural diversity. Many residents participate in nearby recreational and subsistence activities. Anchorage has over 162 parks, including 10 large reserves. Recreation activities include downhill and cross-country skiing, ice hockey, fishing, golf, swimming, hiking, biking, and camping. The George Sullivan Sports Arena, Alaska Performing Arts Center, Egan Convention Center, and many other facilities host cultural and entertainment events.

Federally Recognized Tribe

No

Facilities, Utilities, and Health Care

Municipal Facilities & Utilities

Piped Water, Piped Sewer, Electric, Landfill, Police, Investigations, Drug Enforcement, Jail, Fire, EMS/Ambulance, Building Safety, Airport, Harbor/Port, Schools, Libraries, Museum, Planning/Zoning, Building Safety/ Building Permits, Animal Control, Roads, Transit, Parking, Parks & Recreation, Swimming Pools, Human Services, Alaska Center for the Performing Arts, Heritage Land Bank, Community Development, Environmental Protection, Historic Preservation.

Economy

Subsistence

No

Number of Commercial Fishing Permit Holders

651

Number of Commercial Fishing Permits Issued

801

CDQ Participant

No

Local Labor Market Info URL

http://live.laborstats.alaska.gov/alari/index.cfm?r=1&b=3&p=15&goplace=go

Transportation

Transportation

Controlled airports include the state-owned Ted Stevens Anchorage International Airport and Lake Hood Float Plane Base, the municipality's Merrill Field, and U.S. Army and Air Force facilities. The Port of Anchorage handles 85% of the general cargo for the Alaska Railbelt area. There are five terminal berths, with 3,488 linear feet available. Several barge and trucking companies are available. The Alaska Railroad connects Anchorage to Seward, Whittier, and Fairbanks.

Harbor/Dock

Yes

State Ferry

No

Cargo Barge

Yes

Road Connection

Yes

Coastal/River

Yes

Miscellaneous Details

ACC_Links

http://anchoragechamber.org/

▸ **2010 Population and Housing Characteristics**

▸ **2000 Population and Housing Characteristics**

▸ **1990 Population and Housing Characteristics**

▾ **Economy, Income, Poverty and Employment**

For current Local Labor Market Information please click here.

The following Income and Employment data is from the
U.S. Census Bureau's **2007-2011 American Community Survey 5-Year Estimates**.

▸ All

▾ Income

	Estimate	Margin of Error
Per Capita Income	$35,580	$672 +/-
Median Household Income	$75,485	$1,150 +/-
Median Family Income	$87,708	$1,548 +/-

▾ Poverty

	Estimate	Percent
Persons in Poverty	22,045	7.84 %

▾ **Facilities, Utilities and Services**

▾ All

- Bulk Fuel
- Communications
- ▸ Water Distribution, Source and Treatment Systems
- ▸ Sewage Collection Systems
- ▸ Refuse/Landfill Systems
- ▸ Electric Utility
- Health Care
- Visitor Accommodations/Information
- Local Services and Facilities
- ▸ Transportation Facilities

▸ **Schools**

▸ **Municipal Officials/Employees Directory**

▸ **Community/Regional Contacts Information**

▸ **Business Licenses**

▸ **ANCSA - Alaska Native Claims Settlement Status**

▸ **Community Status Report**

Contact Us / Staff Directory

DEMOGRAPHICS, ECONOMICS, AND HOUSING

The three main community councils (CCs) in West Anchorage - Sand Lake, Spenard, and Turnagain - will serve as units for discussion and planning (shown in Figure A-2). There are a total of 39 CCs within the MOA, that were created to provide citizens an opportunity for maximum community involvement and self-determination. For the purposes of this profile, many sections will use U.S. Census statistics from 2000 because it is the most recent data available at the CC level. The CC data is based on approximations of census tract boundaries. As available, more current data will be contrasted against the U.S. Census 2000 data. Unless otherwise stated, all statistics will be from the U.S. Census.

Population and Demographics

Since 2000, the MOA population grew from 260,283 to an estimated 284,994 in 2008 (Alaska Department of Labor and Workforce Development, 2009). Anchorage as a whole is projected to see a 28% increase in population by 2025 (Alaska Department of Transportation and Public Facilities [ADOT&PF], 2007).

Population

In 2000, 19% (44,162) of the population of the Anchorage Bowl (Bowl) resided in the West Anchorage planning area. Table B-1 provides population and household numbers for West Anchorage as compared to the Bowl from the last census.

Sand Lake CC area has a higher percentage of married couple households (55%) than the Bowl (49%). Fifty percent of households in the Turnagain CC area consist of married couples, which is similar to that of the Bowl. Spenard CC area is much lower, with only 32% of married couple households. The Sand Lake CC area also has the highest percentage of single-parent female households with children under 18 in the West Anchorage area (9%), compared to the Bowl's 8%.

Table B-1. Population and Household Numbers in West Anchorage in 2000

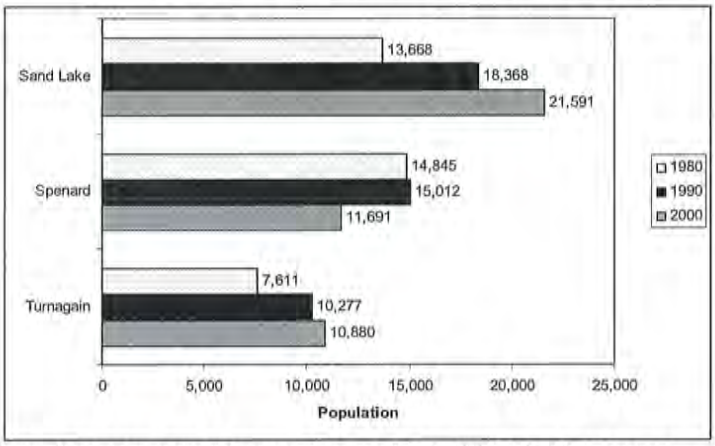
	Population			Households	
	Population	Households	Group Quarters	Number	Average Size
WEST ANCHORAGE	**44,162**	**43,933**	**229**	**17,105**	**2.5**
Sand Lake	21,591	21,503	88	7,751	2.8
Spenard	11,691	11,621	70	5,180	2.2
Turnagain	10,880	10,809	71	4,174	2.6
ANCHORAGE BOWL	**228,275**	**221,654**	**6,621**	**83,991**	**2.6**
MUNICIPALITY OF ANCHORAGE	260,283	253,269	7,014	94,822	2.7

Source: *Neighborhood Sourcebook* U.S. Census Data for 2000 compiled by Fison and Associates (MOA, 2009b)

muni.org/Departments/OCPD/Planning/Projects/WestAnchorage

The total populations of the Sand Lake and Turnagain CC areas in West Anchorage have both grown in population over the past 20 years (Figure B-1).

Figure B-1. Population of West Anchorage Planning Area 1980-2000



Source: Anchorage Neighborhood Sourcebook. 2000 U.S. Census Data compiled by Fison and Associates

The Spenard CC population experienced a fairly considerable decline between 1990 and 2000. However, the MOA CC boundaries were redrawn during this time period, which could account for much of the population decline.

Almost the entire population of the West Anchorage planning area, approximately 99%, lives in "households." A household is defined as "all the people who occupy a housing unit as their usual place of residence," which could include houses, apartments, mobile homes, a group of rooms, or a single room that is occupied. The remaining 1% lives in group quarters, which include such places as residential treatment centers, skilled nursing facilities, group homes, or workers' dormitories.

Age and Gender

Age distribution provides further details about population composition, and gives an indication of whether the population of a community is getting younger or aging. Looking at the age distribution of a population also has implications for the types of facilities and service demands that could be needed in a community in the future. For example, a rising senior population means rising demand for housing, facilities, and services, including public transportation services suited and conveniently located for seniors.

West Anchorage has the same general age distribution as the Bowl (Table B-2). Within West Anchorage, the highest percentage of school age residents (5-17 years old) is in the Sand Lake CC area (22%). The highest percentage of young adults (20-29 years old) is in the Spenard CC area (16%). The highest percentages of baby-boomers (born between 1946 and 1964) and seniors (65 and over) are found in the Turnagain CC area (36% and 8% respectively).

Table B-2. Gender and Age in West Anchorage

	Gender					Age					
	Total Pop.	Male	Female	Male (%)	Female (%)	Less than 15	15-64 Years	65 & Over	Less than 15 (%)	15-64 Years (%)	65 & Over (%)
WEST ANC	**44,162**	**22,310**	**21,852**	**51**	**49**	**10,749**	**30,957**	**2,444**	**24**	**70**	**6**
Sand Lake	21,591	10,770	10,821	50	50	5,742	14,931	915	27	69	4
Spenard	11,691	6,134	5,557	52	48	2,427	8,504	748	21	73	6
Turnagain	10,880	5,406	5,474	50	50	2,580	7,522	781	24	69	7
ANC BOWL	**228,275**	**116,333**	**112,963**	**51**	**49**	**70,713**	**144,396**	**13,166**	**31**	**63**	**6**

Source: Anchorage Neighborhood Sourcebook. U.S. Census Data for 2000 compiled by Fison and Associates

Race and Ethnicity

The racial and ethnic composition of West Anchorage is fairly similar to the Bowl; however there are a few key differences. As seen in Table B-3, the Black/African American population makes up only around 3% of West Anchorage's population, while this group composes about 6% of the Bowl's population. The population of West Anchorage consists of approximately 9% Asian residents, and the population of the Bowl is made up of approximately 6% Asian residents. There are several different races included under the Asian category within the U.S. Census, including Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, and Other Asian (represents Other Asian alone, or two or more Asian categories). The diversity of nations, cultures and languages represented by this racial designation indicates the variety of cultural differences present within West Anchorage's Asian resident population.

Racial and ethnic minority populations made up approximately 24% of the MOA population in 2007. Alaska Natives and American Indians made up the largest racial minority segment, comprising around 6% of the MOA population (U.S. Census, 2007).

Table B-3. Race and Ethnicity in West Anchorage

	Total Population	White (% of area pop.)	Black/ African American (% of area pop.)	Alaska Native/ American Indian (% of area pop.)	Asian (% of area pop.)	Hawaiian/ Pacific Islander (% of area pop.)	Other Race (% of area pop.)	Multiple Race (% of area pop.)	Hispanic (% of area pop.)
WEST ANCHORAGE	**44,162**	**31,782 (72%)**	**1,389 (3%)**	**3,098 (7%)**	**3,957 (9%)**	**449 (1%)**	**831 (2%)**	**2,656 (6%)**	**2,332 (5%)**
Sand Lake	21,591	16,288 (75%)	678 (3%)	1,252 (6%)	1,740 (8%)	123 (1%)	303 (1%)	1,207 (6%)	933 (4%)
Spenard	11,691	7,590 (65%)	411 (4%)	1,220 10%)	1,052 (9%)	212 (2%)	371 (3%)	835 (7%)	890 (8%)
Turnagain	10,880	7,904 (73%)	300 (3%)	626 (6%)	1,165 (11%)	114 (1%)	157 (1%)	614 (6%)	509 (5%)
ANCHORAGE BOWL	**228,275**	**159,884 (70%)**	**14,676 (6%)**	**17,771 (8%)**	**13,897 (6%)**	**2,371 (1%)**	**5,362 (2%)**	**14,314 (6%)**	**13,762 (6%)**

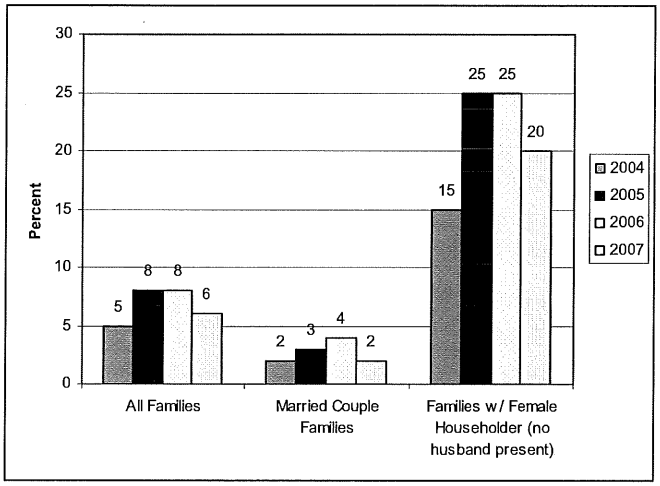
Source: Anchorage Neighborhood Sourcebook. U.S. Census Data for 2000 compiled by Fison and Associates. Note: Hispanics are shown separately because they are considered an "ethnic" rather than a racial group. Most Hispanics classify themselves as white.

In 2008, for the first time, minority students comprised over half (51%) of the student population of the Anchorage School District (ASD). Of that number, the multi-ethnic and Asian/Pacific Islander categories (13% each) are the largest, followed by the Hispanic (10%), and Alaska Native/American Indian (9%) (ASD, 2008). ASD students speak 94 different languages at home. After English, the five most common are Spanish, Hmong, Tagalog, Samoan, and Korean (ASD, 2009a).

Poverty and Income

The Census Bureau poverty measurement has two components: income levels and family size (including the presence and number of family members under 18 years old). Figure B-2 shows poverty rates for all families city-wide, and those families that have female heads-of-household between 2004 and 2007. Data are not available prior to 2004 in this format, therefore trends cannot be distinguished. However, the existing data indicate married couples experience lower rates of poverty than other families or families with a female head of household.

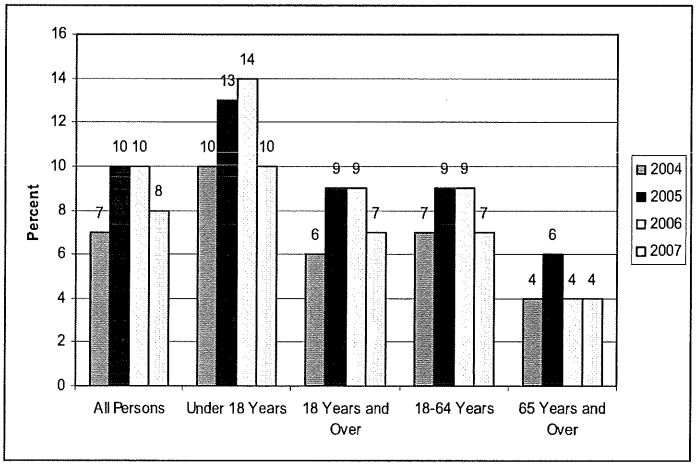
Figure B-2. Percent of Families*
Below Poverty Level, Anchorage 2004 – 2007



Source: U.S. Census, American Community Survey, 2004 – 2007.
*Does not include population living in institutions and group quarters.

Figure B-3 demonstrates poverty level by age. Persons over 65 years of age experience lower rates of poverty than other age groups. Persons under 18 years of age are more likely to experience poverty than other age groups.

Figure B-3. Percent of Persons*
By Age Below Poverty Level, Anchorage 2004 – 2007



Source: U.S. Census, American Community Survey, 2004 – 2007.
*Does not include population living in institutions and group quarters.

As compared to the United States (U.S.), a smaller percentage of MOA residents are considered to be below poverty level. From 2004 – 2007, the percentage of all persons below the poverty level in the nation has held steady at 13%. In 2007, the greatest discrepancy between MOA poverty levels and those of the U.S. is within those persons under 18 years; with 10% of MOA residents compared to 18% nationally in this age category falling below the poverty level.

The poverty rate comparison for MOA and the U.S. by race and ethnicity also shows that the MOA rate is less than the national rate in every category but one (MOA, 2009). Fourteen percent of Asian residents in MOA are considered below the poverty level, while nationally only 12 percent of Asian citizens are in this category.

Education

There are 10 elementary schools within the West Anchorage planning area: Bayshore, Campbell, Chinook, Gladyswood, Kincaid, Lake Hood, Northwood, Sandlake, Turnagain, and Willowcrest. There are two middle schools, Mears and Romig, and two high schools, Dimond and West. Figure D-2 shows the locations of these schools.

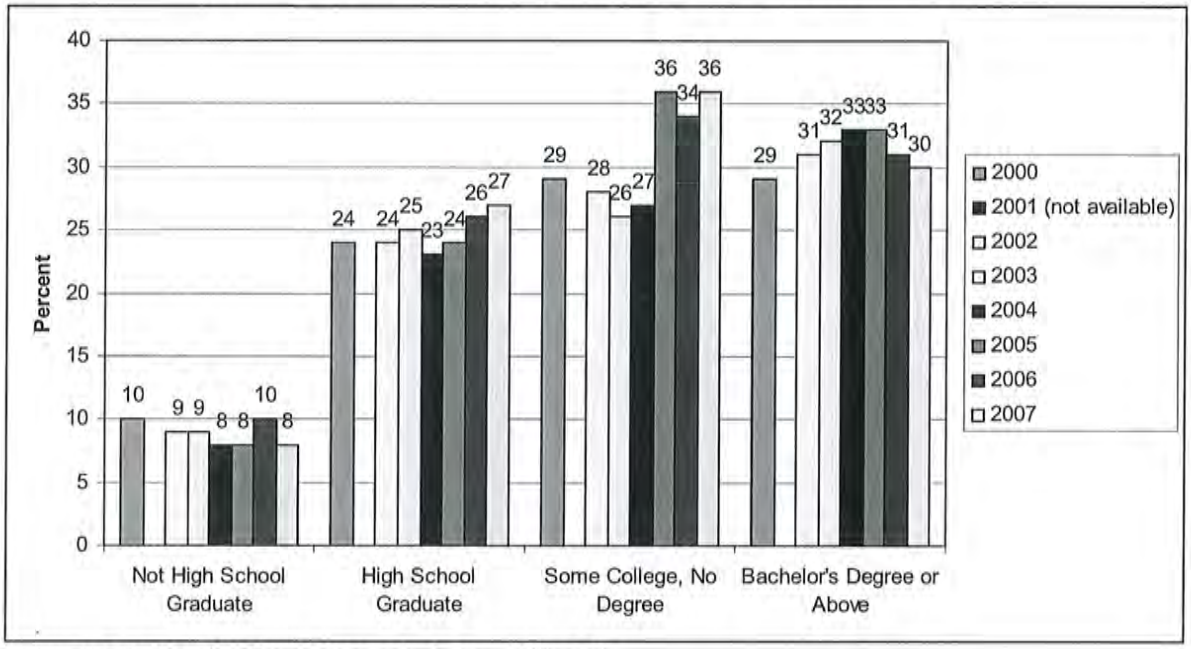
Five of the 10 elementary schools have a total ethnic minority student body population over 50 percent (Campbell, Lake Hood, Northwood, Sandlake, and Willowcrest), with Willowcrest at 75% (ASD, 2008). In 2000, school age children (5-17 years old) made up approximately 19% of the West Anchorage population. North Star Elementary, Central Middle School, Stellar Secondary School, Holy Rosary Academy, and Lumen Christi High School are all located outside of the West Anchorage planning area boundary, but part of their attendance areas are within the boundary.

Historically, school membership levels in Anchorage have reflected the city's population growth. The ASD serves nearly 50,000 students and West Anchorage public and charter schools service over 10,000 students (ASD, 2009a). Current school membership represents 17% of the total Anchorage population, down approximately 2% from early-2000 levels (ASD, 2009). For the past five years, the average kindergarten enrollment has increased. These enrollment patterns will have a ripple effect through the higher grade levels.

ASD transports approximately 20,000 students on 252 buses, to and from school, on a daily basis. These buses cover over 1,300 routes daily. Students who live more than a mile and a half from school, or must cross a roadway designated hazardous, are provided school bus transportation (ASD, 2009). The 10 West Anchorage elementary schools are served by 18 different bus routes. The two middle schools, Mears and Romig, have 12 and 10 routes serving them respectively. Dimond High School is served by eight bus school bus routes, and West High School is served by 17.

As seen in Figure B-4, the percentage of high school graduates for the population in Anchorage has increased, with small fluctuations, between 2000 and 2007. However, the percentage of residents with a bachelor's degree or higher has been in decline since reaching its peak level in 2004.

Figure B-4. Educational Attainment, Anchorage 2000 - 2007



Source: U.S. Census, American Community Survey, 2000 – 2007.

Economy

The annual average unemployment rate in the MOA has been steadily declining over the past several years (Figure B-5). However, unemployment numbers for 2008 and early 2009 show an increase, likely due to the broader economic downturn that the country is facing. Analysts claim that a local employment increase during a recession could be due to Alaska's relative economic health. The number of unemployed and unemployment rates can climb without job losses if a rising number of unemployed people from other states migrate to Alaska, or if a decreasing number of unemployed Alaskans migrate out of the state. Both scenarios are likely when the State's economy is healthy compared to the nation's (Robinson, 2009).

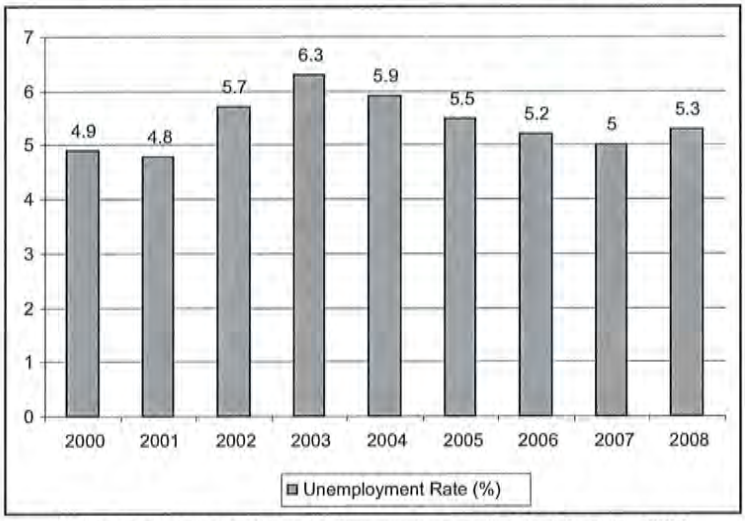
The number of Anchorage jobs in 2008 grew by less than 1%. Projections forecast that there could be 35,000 new jobs within the MOA between 2002 and 2025 (ADOT&PF, 2007), with increases in the trade and health care sectors predicted for 2009 (Anchorage Economic Development Corporation [AEDC], 2009). Public construction projects should remain strong, including projects at Ted Stevens Anchorage International Airport (TSAIA), which should help the city's construction industry remain stable. However, the air transportation and leisure and hospitality sectors are the first to experience employment loss (AEDC, 2009).

Employment opportunities are dispersed within the Bowl. The main employment centers in the Anchorage Bowl are found in the Downtown and Midtown areas. Within West Anchorage, areas with more concentrated employment activity include the TSAIA area, the Spenard Road corridor, and West Dimond Boulevard. There are also several ongoing construction projects in the area (e.g. South Terminal remodel, runway upgrades, and International Airport Road hotels) that create additional employment

opportunities for residents (AEDC, 2009). Mean travel times to work for West Anchorage residents are not available at the CC level.

Employment at TSAIA in 2007 was estimated at 10,222 (annual average full-time equivalent jobs), generating an annual payroll of $562 million (Goldsmith and Killorin, 2007). This represents about 7% of all the wage and salary jobs in Anchorage and 9% of total payroll.

Figure B-5. Annual Unemployment Rate for Anchorage 2000-2008

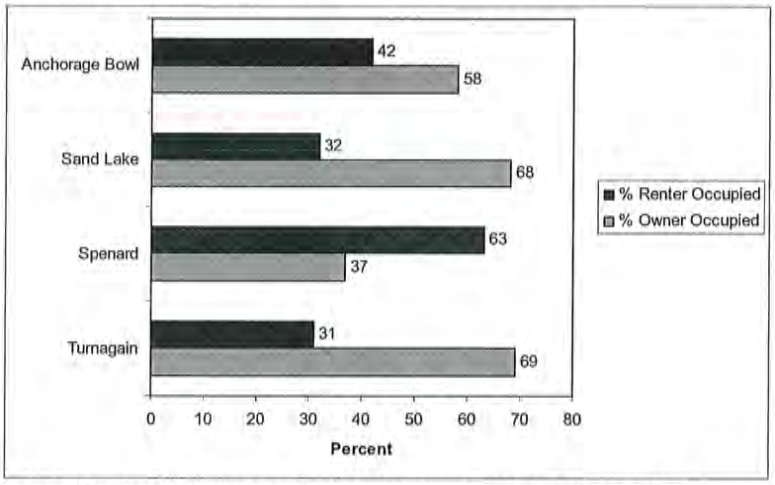


Source: Alaska Department of Labor, Research and Analysis Section 2009

Housing

The average percentage of residents who *own* homes in West Anchorage (58%) is the same as the Bowl. The percentage of residents who *rent* in West Anchorage (42%) is nearly the same as the average for the Bowl (40%). Within the West Anchorage planning area, the highest concentration of renters can be found in the Spenard CC area (Figure B-6). The Spenard CC area also has the highest vacancy rate of the three CCs within West Anchorage, at 8%, compared to 3% for both the Sand Lake CC and Turnagain CC areas. Total housing units in the Spenard CC area are 92% occupied; 63% of which are renter occupied. For the Sand Lake and Turnagain CC areas, total housing units are 97% occupied, with between 31 and 32% renter occupation.

Figure B-6. Percent of Homeowners and Renters in the Anchorage Bowl and the West Anchorage Planning Area



Source: Anchorage Neighborhood Sourcebook. 2000 U.S. Census Data compiled by Fison and Associates

In 2007, the MOA had a total of 139,994 housing units, 11% of which were vacant (U.S. Census Bureau, 2007). Of the 125,039 occupied housing units, 64% were owner-occupied and 36% were renter-occupied. The homeowner vacancy rate was 2% and the rental vacancy rate was 5% (U.S. Census Bureau, 2007). Of the total 139,994 housing units, 60% were single-unit structures, 35% were multi-unit structures, and 5% were mobile homes. Twenty-seven percent of the housing units were built since 1990. The average "housing density per acre" exceeds 10 dwelling units in only a few areas within Anchorage. For comparison, the neighborhoods between Spenard Road and Northern Lights Boulevard have some of the highest housing densities in the Bowl (MOA, 2007).

Projections

Anchorage 2020

The MOA used a base case forecast (most probable growth assumption) about Anchorage's population and economic forecast in order to conduct a land capacity analysis for (*Anchorage 2020*). They estimated how many more residential units would fit in the remaining land in the Bowl under the existing zoning districts. Anticipated population growth was very high during the writing of the *Anchorage 2020*. Table B-4 demonstrates population growth estimates for households and employment calculated in 2004 by the University of Alaska Anchorage's Institute of Social and Economic Research (ISER) and Goldsmith.

Table B-4. 2004 ISER Projected Growth Anchorage Bowl (2004-2025)

Year	Population	Households	Employment (wage and salary jobs)
2004 (est.)	228,800	88,000	125,400
2025 (base case)	281,500	112,600	146,400
Change from 2004-2025	+52,700	+24,600	+21,000
Percent Change	23%	28%	17%
Source: ISER/Goldsmith, 2005 Base Case Forecast; Davis, 2009			

Population growth rates within the Bowl were divided into subareas by MOA for planning purposes, as shown in Figure B-7. (Note: West Anchorage contains portions of the northwest, southwest, and central subareas.) Figure B-8 demonstrates population growth ranges by subarea from *Anchorage 2020*. The strategy to accommodate this growth included recommend zoning changes and increased housing density to meet future housing demands, which would occur in the *Land Use Plan Map* (LUPM) process.

Figure B-7. Planning Subareas from Anchorage 2020

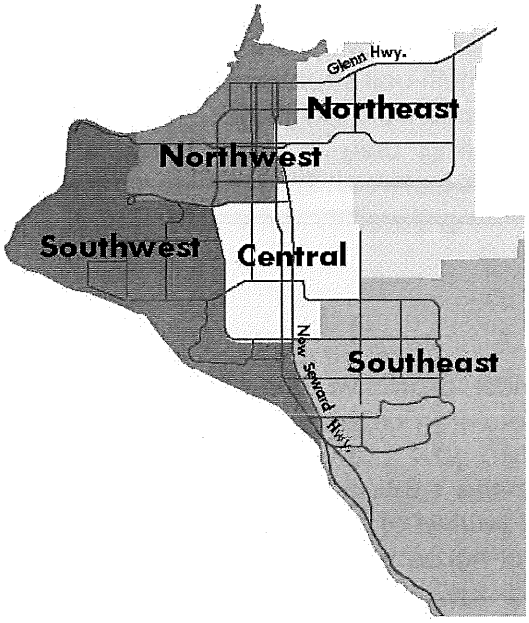
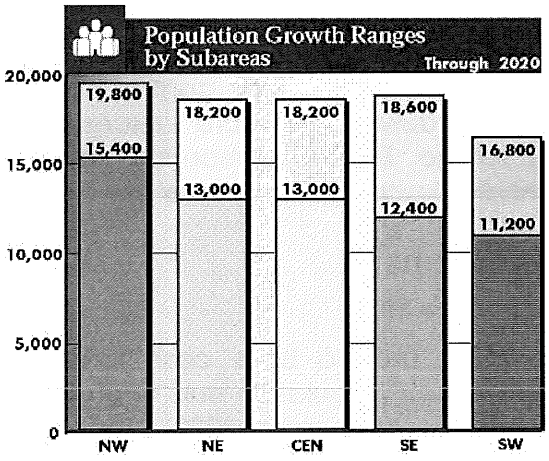


Figure B-8. Population Growth by Subareas from Anchorage 2020



LUPM 2006

The *Draft LUPM Update* in 2006 utilized updated economic projections and population forecasts generated by the ISER and Goldsmith forecast for the Bowl from 2005 to 2030. Table B-4 contains these estimates for projected population in the base case scenario for the number of households in the Bowl.

Table B-5. 2006 ISER Projected Growth Anchorage Bowl (2004-2025)

Year	Population	Estimated Household Size	Households
2004 (est.)	228,800	2.56 (est.)	89,375
2030 (base case)	262,712	2.46 (approx.)	106,000
Change from 2004-2030	+33,912	-	+16,625
Percent Change	13%	-	16%
Source: ISER/Goldsmith, 2005 Base Case Forecast; Davis, 2009			

Anchorage 2020 estimated a population of 298,300 in the Bowl by 2020, but this level of growth was not realized. The updated estimate for the Bowl population by 2030 is only 281,500.

Conclusions about Demographics, Economics and Housing

- The population of Anchorage is aging, but is also still growing. This trend mirrors the age distribution of the population found in West Anchorage.
- The population of Anchorage is approaching 290,000 and is spread out over 64,500 acres. Anchorage as a whole is projected to see a 28% increase in population by 2025. The West Anchorage population of 45,000 is spread out over 26,000 acres. The average density in West Anchorage is lower than the Bowl, however some areas exceed 10 dwelling units per acre.
- Sand Lake and Turnagain CCs have experienced steady population growth since 1980.
- Racial and ethnic minority populations are a rapidly growing segment of the population of Anchorage. However, almost 75% of the West Anchorage population is white. The largest minority group in West Anchorage, Asians, may continue to feel effects of increasing poverty levels. This racial minority group is also one of the largest populations in the ASD.
- There could be 35,000 new jobs within the MOA between 2002 and 2025, with large increases in the Health Services and Retail employment categories (MOA, 2007). The largest amount of employment growth between 2002 and 2025 is allocated to the Midtown section of the Bowl (adjacent to West Anchorage), where more than 9,840 new jobs are projected by 2025. West Anchorage contains several retail neighborhood centers, although does not contain major office space or health service facilities that would capture these growing markets.
- Growth projections call for 37,000 new housing units within the MOA between 2002 and 2025. The northwest portion of the Bowl is projected to see 21% of total household growth in the area by 2025, where there is a greater availability of redevelopable land (MOA, 2007).

Well Log Tracking System (WELTS)

Search WELTS

This page is provided as a public service by the Alaska Division of Mining, Land and Water. The Division makes NO representation regarding well location, completeness or accuracy of the data in the database or data extraction procedures provided. The user assumes total responsibility for verification.

Well Driller's Log Form | Well Decommissioning Form | Water Use Report Form (AKWUDS) | Application for Water Right

Welts User Guide | Search: MTRS

*Meridian:	Seward
*Township:	013N
*Range:	004W
Section:	25
Qtr Section:	Choose one...
Qtr/Qtr Section:	Choose one...
Qtr/Qtr/Qtr Section:	Choose one...
Qtr/Qtr/Qtr/Qtr Section:	Choose one...

Search

Well Log Search Results

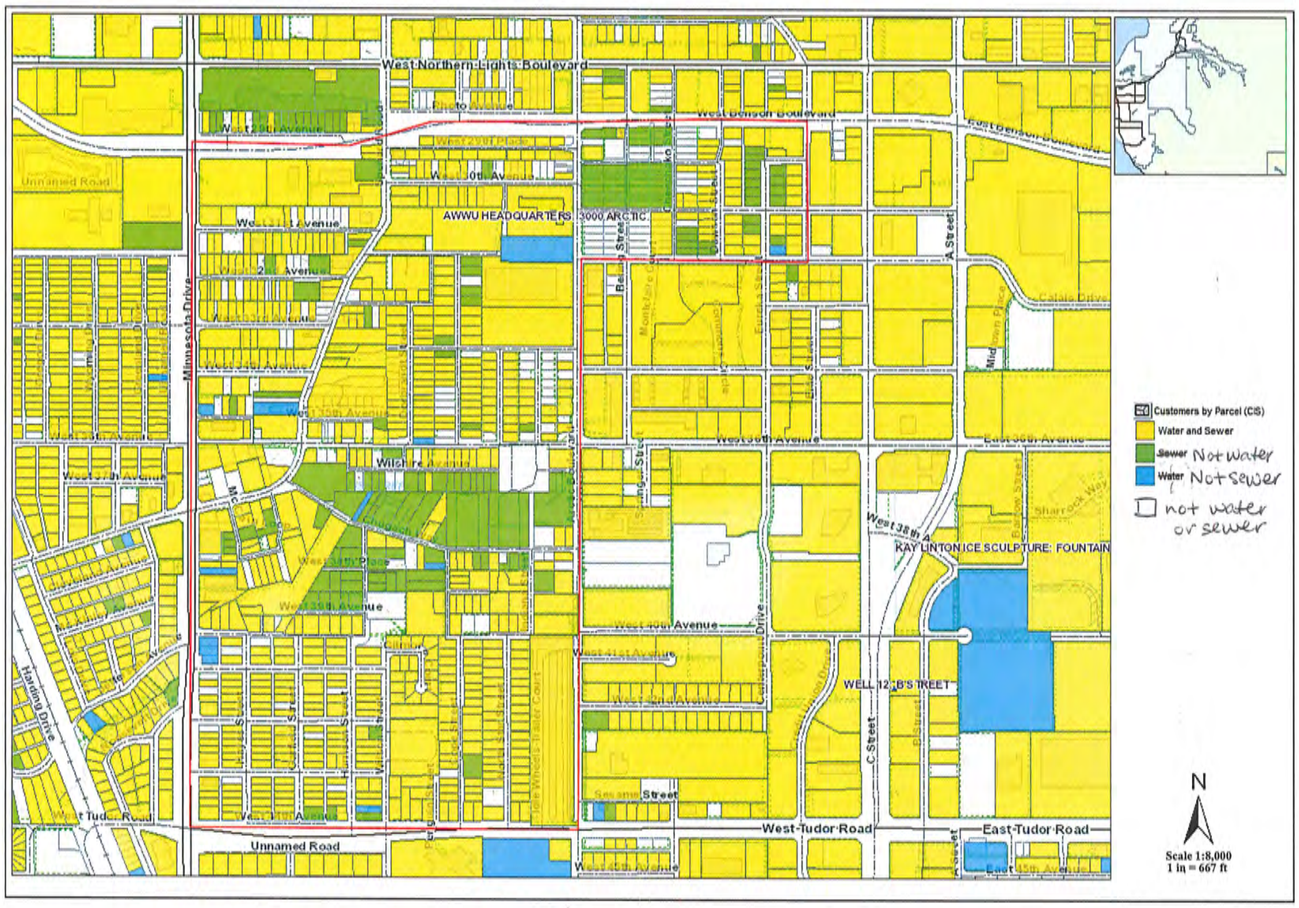
Show 25 entries | Print | Save | Filter:

Qtr Section	Log ID	Driller	Date of Completion	Owner	Parcel Description
SE NW SE SW	53	DRILLERS COOP	22 Oct 1955	EATON, ROY	LINCOLN PARK L05 B07
NE SW NE SE	245	DRILLERS COOP	16 Aug 1955	HENRICHS, GLEN	SPENARD ACRES L01B BD
NE SE NW SE	356	SCHACHLE	01 Jan 1953	JETT, CHARLES	SPENARD ACRES L02 BB
NE NE	3810	Swafford Drilling	19 Aug 1957	LENZINI, J	WILLHOLTH L01 B1
NW NW SE NE	5825	Swafford Drilling	07 Oct 1964	MIDTOWN CENTER	ROBERTS L06, MOBILE HOMES
NE SE	5905	Swafford Drilling	31 Dec 1961	MIDTOWN CENTER	SPENARD ACRES L03 BC, MOBILE HOMES
SE NW SE	6910	KEN`S COMPANY	09 Nov 1982	PETRO SPEC & ENGR INC	HERBERT ACRES L3A
SW NE NW SE	12900	HEFTY DRILLING	23 Oct 1984	MATTESON, BARRY	OLMSTEAD L2E
SE SW SW	12916	Swafford Drilling		LIONS CLUBHOUSE	SPENARD
NE SE NW SE	13007	PENN JERSEY DRILLING	27 Mar 1974	HERBERT, W	ANCHORAGE
NE SE NW SE	13680	PENN JERSEY DRILLING	27 Mar 1974	HERBERT, W	HERBERT L02C BA
SE SE SW NW	15032	Swafford Drilling	12 Jul 1955	VERHAEGHE, ROSE MARI	RESERVE NO. 3
SW NE NE SE	22856	SWAFFORD DRILLING	07 Oct 1964	GUNTER, EMERY	SPENARD ACRES L03
NE NW NE SE	23506	PENN JERSEY DRILLING	16 Aug 1955	BOTTORT, C	36 TH AVENUE (RUSHTON L? B?? ?)
NW NE NE SE	23507	PENN JERSEY DRILLING	17 Mar 1955	BOLES, H	36 TH AVENUE, COLEMAN L0
NE NW NE SE	23508	Swafford Drilling	21 Jul 1953	GUYTON, H	SASSE LD
SE NW NE SE	23509	PENN JERSEY DRILLING	31 Oct 1955	BRITZ, L	ESTELLE L06
NW SE SW NW	23625	ALPINE DRILLING	13 Oct 1996	EVANS	WOODLAND PARK L16 CR

Showing 1 to 18 of 18 entries

Department of Natural Resources
550 W. 7th Ave, Suite 1260, Anchorage, AK 99501-3557
Phone: 907-269-8400 || Fax: 907-269-8901 || TTY: 907-269-8411

As of 2/20/14



~110 parcels without water. Unknown how many are developed without water

12 parcels with water but not sewer

Geographical Information Systems

Information Technology Department

City Services | City Agencies | Mayor | Assembly | About Anchorage | Corporate GIS Portal

MOA Advanced Mapper

Layers

FAQ Link

- Parks
- Park Districts
- landuse

landuse
- CHUGACH
- COMMERCIAL
- FED. PARK
- INDUSTRIAL
- INSTITUTIONAL
- MAT-SU
- MILITARY
- MULTI FAMILY
- PARK
- RR/ROW
- SINGLE FAMILY
- TIDE/WATER
- TRANSPORTATION
- TWO FAMILY
- VACANT

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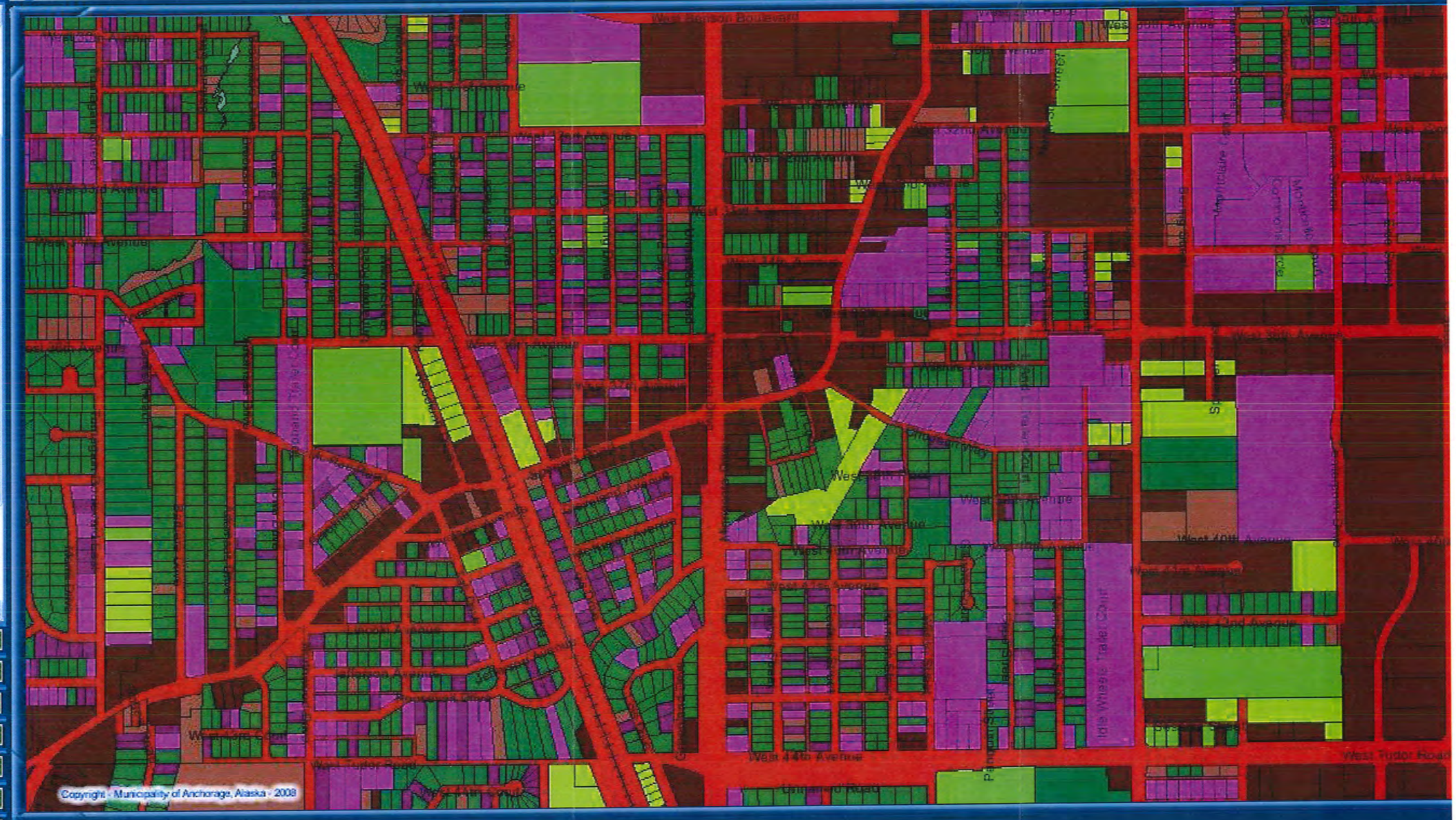
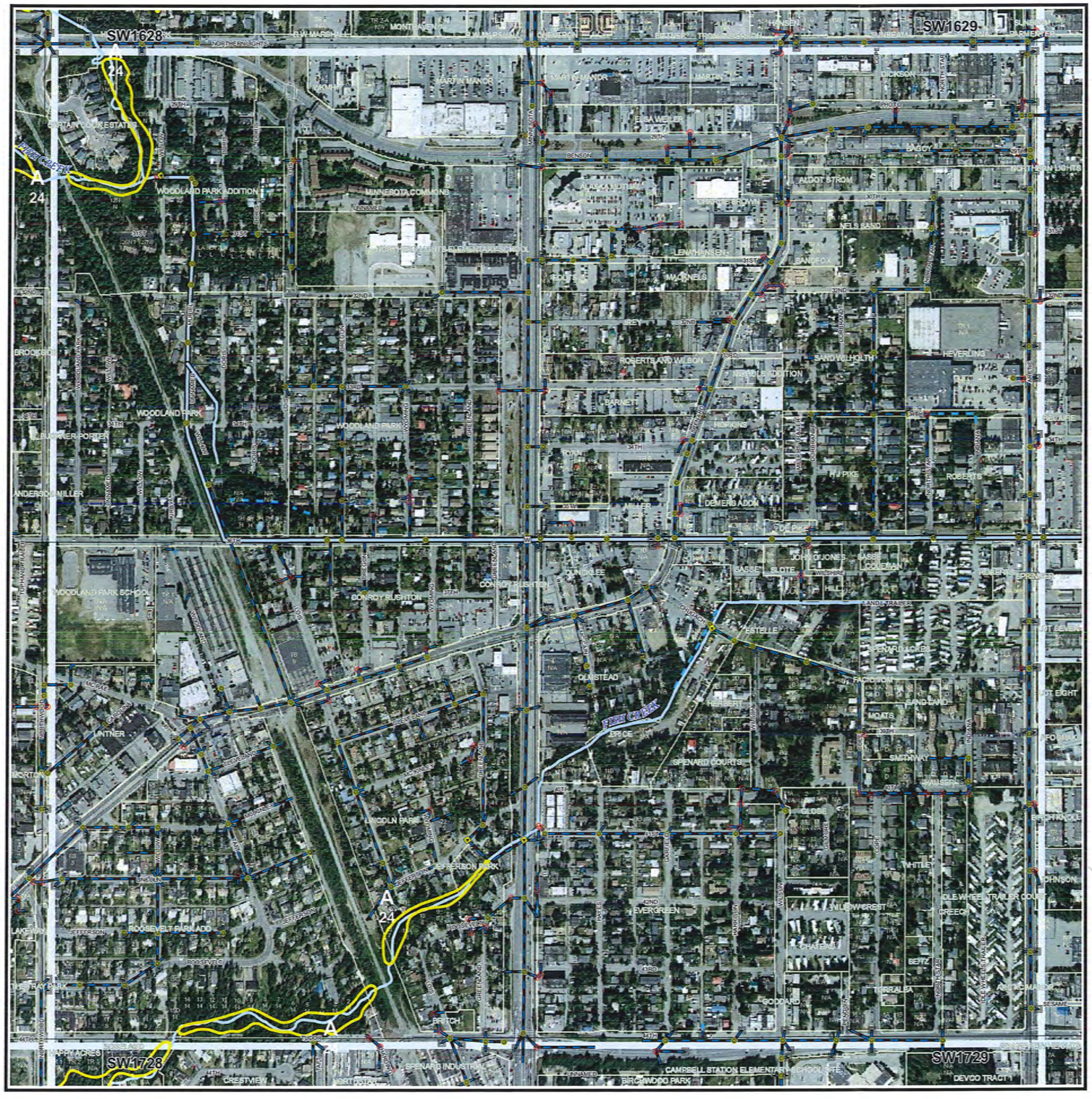




Legend

- Wetlands Designation / 96 AWMP ID
- A Wetlands
- B Wetlands
- C Wetlands
- D - Not Designated
- P - Potential Wetland
- Lakes
- Streams
- Stormdrain Pipes
- Open Channels
- Natural Channels
- Piped Streams
- MOA Grid
- Lot / Block
- Subdivision
- Clean Out
- Weir
- OGS
- Catch Basin MH
- Catch Basin
- Manhole

500 250 0 500
Feet

Notes

1. Information contained on these mapsheets is representative and maps may be incomplete or contain local error. Confirm data for project specific applicatons.
2. Map Plates numbered to match 1996 Wetlands Management Plan.
   Map Plates suffixed by 'a' not mapped in 1996 Wetlands Management Plan.

Last Updated 02/20/08

Watershed Managment Services

MOA Wetlands Atlas

Vol. 1: Anchorage

Anchorage Wetlands Map #30

T13N R04W S25

Compiled by GeoNorth, LLC

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **MOA - AWWU - Anchorage Headquarters bldg.**

Site Name:	MOA - AWWU - Anchorage Headquarters bldg.
Address:	3000 Arctic Blvd.; Anchorage, AK 99503
File Number:	2100.26.314
Hazard ID:	23990
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	Municipality of Anchorage
Latitude:	61.192259
Longitude:	-149.899461
Section:	
Meridian:	
Range:	
Township:	

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

Removal of two gasoline and one diesel UST on April 13, 1993. Holes were found in the bottoms of the two gasoline tanks. Later in April 1993 630 tons of contaminated soils were excavated and thermally treated. In 1993 contaminated soil was identified at the base of the excavation (up to 0.606 mg/kg benzene, and 0.212 mg/kg Tetrachloroethylene - PCE), a fuel sheens and product were found on the shallow groundwater (8 feet below ground surface) in the northern and central portion of the excavation. A groundwater sample was collected from a test pit 20 feet to the east and was non-detect, but groundwater is estimated to flow to the west or northwest. Site Characterization work conducted in June/July 201 They drilled eight soil borings, seven to 15 feet below ground surface (bgs) and one to 32 feet bgs (at the solvent contaminated area) to help determine the thickness of the shallow aquifer, but no confining layer was encountered within 32 feet of the ground surface. Three of the boring will be completed as long term monitoring wells. Depth to groundwater rang between 7.40 to 8.11 feet bgs. Soil and groundwater samples will be collected to help characterize the level and extent of any remaining soil and groundwater contamination at the site. One one soil sample exceeded default cleanup levels (MW3) it had 0.032 mg/kg benzene, <22.8 mg/kg DRO, <57.0 mg/kg RRO, <2.18 mg/kg GRO, all other VOC and HVOC were non-detect. The contamiantion was detected in only 1 of 3 monitoring wells (MW3), it had 9.32 ug/l benzene, <0.385 mg/l DRO, <0.385 mg/l RRO, <0.100 mg/l GRO, and non-detect other VOCs. The remaining soil and groundwater contamination appears to be in a localized area on property near monitoring well MW3. FKA L69.42

Action Information

Action Date	Action	Description	DEC Staff
04/14/1993	Site Added to Database		Not Assigned,
04/14/1993	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77961 Gasoline contamination found in soil and groundwater. Holes found in two gasoline tanks, product and sheens on groundwater (8 feet below ground surface). Tetrachloroethylene (PCE) contamination found in one soil sample.	Not Assigned,
04/15/1993	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	Harding & Lawson still excavating contaminated soils from UST hole.	Not Assigned,
04/20/1993	Update or Other Action	Cleanup continues, Notice of Release letter sent.	Not Assigned,
08/23/1993	Release Investigation	Partial release investigation conducted during removal of tank and some contaminated soil. Contaminated soil and groundwater remain at the site. The extent of the soil and groundwater contamination has not been defined.	Weimer, Rober
08/23/1993	Underground Storage Tank Site Characterization or Assessment	Removal of two gasoline and one diesel UST. Contaminated soil remains at the base of the excavation, and sheens and product on shallow groundwater (8ft below ground surface). ADEC noted soil contamination remains over cleanup levels, requested tank sludge receipts, and groundwater investigation.	Not Assigned,
08/24/1993	Leaking Underground Storage Tank Corrective Action Underway	630 tons of contaminated soils were excavated and thermally treated.	Weimer, Rober
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: ANCH. WATER & WASTEWATER UTILITY	Not Assigned,
01/13/2004	Update or Other Action	Called RP (AWWU) requesting information requested in the 8/23/93 ADEC letter.	Weimer, Rober
11/01/2006	Update or Other Action	File number issued 2100.26.314 (FKA L69.42).	Blandford, Agg
04/02/2008	Update or Other Action	Left message with RP (AWWU) requesting status on the requested investigation of the site.	Weimer, Rober
04/02/2008	Exposure Tracking Model Ranking	Site ranked on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
05/01/2008	Update or Other Action	Talked with RP (AWWU) they are currently reviewing their files and will submit any additional information they find by May 15, 2008. We discussed that if they don't have documentation that additional work was conducted at the site to define the extent of the soil and groundwater contamination and that the cleanup was completed, that they will need to do it.	Weimer, Rober
10/21/2008	Update or Other Action	Discuss site with RP's consultant. They will review AWWU files to look for any additional information and submit a workplan to characterize the extent of the remaining soil and ground water contamination.	Weimer, Rober
05/14/2010	Update or Other Action	Teleconference with AWWU and their consultant (BGES) to discuss future site work. BGES will provide a workplan for conducting a release investigation to define the extent of the remaining soil and groundwater contamination and to conduct quarterly groundwater monitoring for at least 1 year. 10% of the samples will need EDB, 1,2-DCA, PAH, and MTBE analysis.	Weimer, Rober
06/02/2010	Report or Workplan Review - Other	Teleconference with AWWU's consultant (BGES) to discuss the proposed workplan for conducting a release investigation to define the extent of the remaining soil and groundwater contamination. They will provide a revised workplan that includes soil samples from each boring at soil/water interface and the highest field reading is that is at a differnt depth; and moving the furthest northwest boring to the former tank #3 location, with soil and groundwater samples collected at that location.	Weimer, Rober
06/03/2010	Report or Workplan Review - Other	DEC approves the June 3, 2010 Revised Site Characterization Work Plan. The work plan call for drilling eight soil borings, seven to 15 feet below ground surface (bgs) and one to 25 feet bgs (at the solvent contaminated area) to help determine the thickness of the shallow aquifer. Some of the boring will be completed as temporary or permanent monitoring wells. Soil and groundwater samples will be collected to help characterize the level and extent of any remaining soil and groundwater contamination at the site.	Weimer, Rober
06/08/2010	Update or Other Action	Discussed with AWWU's consultant (BGES) the workplan for conducting a release investigation to define the extent of the remaining soil and groundwater contamination. They plan to use a geo probe rig to collect soil samples, then they will over-drill with a drill rig to install monitoring wells.	Weimer, Rober
08/24/2010	Report or Workplan Review - Other	Review and approve request for transport and disposal at Municipal Landfill of 3 drums of contaminated drill cuttings generated during the June 2010 release investigation work.	Weimer, Rober
06/16/2011	Update or Other Action	ADEC approves request that during the next groundwater monitoring event to conduct analysis for BTEX only.	Weimer, Rober
07/18/2011	Report or Workplan Review - Other	ADEC approved request to dispose of monitoring well purge water in the AWWU sanitary sewer. The purge water meets AWWU standards for disposal.	Weimer, Rober
11/03/2011	Report or Workplan Review - Other	ADEC approved request to dispose of monitoring well purge water in the AWWU sanitary sewer. The purge water meets AWWU standards for disposal.	Weimer, Rober
11/30/2011	Site Characterization Report Approved	Site Characterization work conducted in June/July 2010. They drilled eight soil borings, seven to 15 feet below ground surface (bgs) and one to 32 feet bgs (at the solvent contaminated area) to help determine the thickness of the shallow aquifer, but no confining layer was encountered within 32 feet of the ground surface. Three of the boring will be completed as long term monitoring wells. Depth to groundwater ranged between 7.40 to 8.11 feet bgs. Soil and groundwater samples will be collected to help characterize the level and extent of any remaining soil and groundwater contamination at the site. One one soil sample exceeded default cleanup levels (MW3) it had 0.032 mg/kg benzene, <22.8 mg/kg DRO, <57.0 mg/kg RRO, <2.18 mg/kg GRO, all other VOC and HVOC were non-detect. The contamiantion was detected in only 1 of 3 monitoring wells (MW3), it had 9.32 ug/l benzene, <0.385 mg/l DRO, <0.385 mg/l RRO, <0.100 mg/l GRO, and non-detect other VOCs.	Weimer, Rober
11/30/2011	Conceptual Site Model Submitted		Weimer, Rober
06/12/2013	Exposure Tracking Model Ranking	A new updated ranking with ETM has been completed for source area 77961 1993 UST sytem removal.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Texaco Service Station 63-057-0024 (Shell)**

Site Name:	Texaco Service Station 63-057-0024 (Shell)
Address:	3304 Spenard Rd Anchorage, AK 99501
File Number:	2100.26.102
Hazard ID:	24200
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	Faton Dobrova
Latitude:	61.189498
Longitude:	-149.908477
Section:	
Meridian:	
Range:	
Township:	

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

Gasoline and diesel contamination found during facility upgrade in 1996, it identified a fuel release from some of the piping. During the facility upgrade in 1996 forty cubic yards of contaminated soil was excavated transported and disposed of off-site at the fire access road at the Port of Anchorage without ADEC approval. In 1997 soil and a groundwater samp were collected from a soil boring was drilled near the area where contamination was identified in 1996. Another soil boring and a long-term monitoring well were installed in 2001. In 2006 three soil borings were sampled, and groundwater samples were collected. On December 2008 five fiberglass underground storage tanks (12,000 gallon gasoline, 10,000 gall gasoline, 10,000 gallon gasoline, 8,000 gallon diesel, and 550 gallon used oil), their piping, and two haudraulic hoists were removed. Groundwater was observed at 13 feet below ground surface. 100 cubic yards of soil were removed and sampled. Some contaminated soil was encountered at the used oil tank, this contamination was removed, and that excavated soil was thermally treated. In the gasoline/diesel tank excavation soil contamination extends to groundwater which is located at 13 feet below ground surface. Additional s investigation work was conducted in July and August 2011. They collected soil samples from 8 soil borings and completed 5 of them as monitoring wells and collected groundwater samples. Up to 13.9 mg/kg GRO, 5,500 mg/kg DRO, 20,800 mg/kg RRO, and 0.00293 mg/kg benzene in the soil. Higher concentrations may exist because samples were not analyzed from higher field reading soils in SB-6 (10-15 feet bgs) and MW-7 (15 to 20 feet bgs). Contamination over site cleanup levels remains in the area of the former hoists. The extent of that soil and groundwater contamination has not been defined. The consultant recommends continued quarterly groundwater monitoring. NAPL hydraulic oil product was found on the groundwater in monitoring well MW-7. Need to define the extent of the remaining soil and groundwater contamination, corrective action, product recovery, continued quarterly groundwater monitoring of existing and future groundwater monitoring wells to document trends in contamination concentrations, and confirmation soil samples for closure. F.K.A. L25.07 During the March 2012 groundwater monitoring event 1.18 feet of product was found in monitoring well MW-7 and 0.01 feet of product was found in monitoring well M 2. The extent of this product has not been defined.

Action Information

Action Date	Action	Description	DEC Staff
06/01/1996	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77691 (Added by System)	Allen, Dave
06/01/1996	Leaking Underground Storage Tank Cleanup Initiated - Petroleum		Not Assigned,
06/01/1996	Underground Storage Tank Site Characterization or Assessment	In 1996 during facility upgrade of the product piping and dispensers contaminated soil was found. 40 cubic yards of contaminated soil was excavated. This soil was transported to and disposed of at the Texaco facility fire access road in the Port of Anchorage without ADEC approval. Contaminated soil remains in the excavation at the gas station. The extent of the remaining contamination needs to be defined. Stained soil with a strong odor was left in the excavation with 0.415 mg/kg benzene, 59.8 mg/kg GRO, and 218 mg/kg DRO.	Weimer, Rober
06/01/1996	Site Added to Database		Not Assigned,
07/30/1997	Update or Other Action	ADEC letter requesting release investigation and corrective action plan for the remaining contamination at the site. The letter also notes that it was a violation of 18 AAC 78.320 to transport and dispose of the 40 cubic yard contaminated soil stockpile without ADEC approval.	Weimer, Rober
08/04/1997	Release Investigation	On August 4, 1997 a soil boring/monitoring well was installed near piping release area. Up to 0.00977 mg/l benzene (0.005 mg/l cleanup level) and 1.17 mg/l DRO (1.5 mg/l cleanup level)in the groundwater. There was not a soil sample collected at the soil water interface as required. Elevated field readings in the soil extended from 3.5 to 16 feet below ground surface. Groundwater was encountered at 13.3 feet below ground surface.	Weimer, Rober
12/03/1997	Update or Other Action	ADEC letter requesting groundwater investigation, corrective action plan, and stockpile documentation.	Weimer, Rober
12/20/1999	Update or Other Action	ADEC letter requesting groundwater investigation and site information.	Weimer, Rober
01/03/2000	Site Characterization Report Approved	Texaco (Shell) had their consultant collect samples to assess for any remaining contamination at the Texaco fire access road at the Port of Anchorage where they disposed contaminated soil without ADEC approval. All samples met default cleanup levels.	Weimer, Rober
10/17/2000	Site Characterization Workplan Approved	ADEC approves workplan to install a monitoring well near the release point and to collect soil and groundwater samples.	Weimer, Rober
04/06/2001	Site Characterization Report Approved	On February 2, 2001 a soil boring/monitoring well was installed near piping release area. Contamination found at the area (13 feet below ground surface, at the soil water interface) up to 0.421 mg/kg benzene in the soil (0.025 mg/kg is the cleanup level),and 0.51 mg/l benzene in the groundwater (0.005 mg/l cleanup level).	Weimer, Rober
06/28/2001	Cleanup Plan Approved	DEC approved 2 drums of contaminated soil drill cuttings to be thermally treated at ASR.	Weimer, Rober
12/02/2005	Update or Other Action	File review: Contaminated soil remains near the active UST system at this gas station site. This contamination extends to groundwater located at 13 feet below ground surface.	Weimer, Rober
03/23/2006	Site Characterization Report Approved	On March 3, 2006 three soil borings were sampled, and three groundwater samples were collected (two from borings and one from monitoring well MW-1) as part of a Phase II assessment. Up to 0.0195 mg/kg benzene, <4.17 mg/kg GRO, and 6.49 mg/kg DRO in the soil samples collected. Up to 0.615 ug/l benzene, <0.05 mg/l GRO, and 0.244 mg/l DRO in the groundwater samples collected. Groundwater was encountered at 13 feet below ground surface.	Weimer, Rober
03/07/2007	Exposure Tracking Model Ranking	Site ranked on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
04/02/2007	Meeting or Teleconference Held	Meeting with Texaco/Shell to discuss sites. They will sample monitoring well on an annual basis for DRO, GRO, and BTEX.	Weimer, Rober
10/02/2008	Meeting or Teleconference Held	Talked with Shell's consultant (DELTA). They plan to sample the groundwater this year.	Weimer, Rober
12/10/2008	Site Visit	Site vist to observe the removal of the remaining tanks and piping at the site. Some contamination observed at the used oil tank. Discussed closure sampling with Shell's consultant (Delta).	Weimer, Rober
05/21/2009	Site Characterization Report Approved	On December 2008 five fiberglass underground storage tanks (12,000 gallon gasoline, 10,000 gallon gasoline, 10,000 gallon gasoline, 8,000 gallon diesel, and 550 gallon used oil), their piping, and two haudraulic hoists were removed. Groundwater was observed at 13 feet below ground surface. 100 cubic yards of soil were removed and sampled. Some contaminated soil was encountered at the used oil tank, it was removed, and that excavated soil was thermally treated. Up to 0.31 mg/kg benzene (at T2-T3), 62 mg/kg GRO, 500 mg/kg DRO (at hoist #2), Non-detect for PAH's, metals samples met background levels, and 2100 mg/kg RRO (at hoist #2). All of the benzene samples had elevated detection limits that exceeded cleanup levels (0.025 mg/kg). The consultant recommends locating monitoring well MW-1 in the spring of 2009 and having it sampled.	Weimer, Rober
11/25/2009	Site Characterization Report Approved	June 12, 2009 groundwater sampling of monitoring well MW-1. <20 ug/l arenic, <10 ug/l chromium, <5 ug/l lead, <100 ug/l GRO, <0.5 ug/l benzene, <800 ug/l DRO, and <200 ug/l RRO in the groundwater. Depth to groundwater was 11.13 feet below ground surface. Need continued quarterly groundwater monitoring of existing and future groundwater monitoring wells to document trends in contamination concentrations.	Weimer, Rober
05/13/2010	Update or Other Action	Requested field notes for the December 2008 field work. Shell's consultant (Delta) said they should be submitted by 5/17/10.	Weimer, Rober
08/31/2010	Update or Other Action	DEC letter to Shell requesting a release investigation workplan be submitted by October 15, 2010 to help define the extent of the remaining soil and groundwater contamination, including the installation of additional monitoring wells at the site. Contamination was identified during the removal of the underground storage tank systems and hydraulic hoists at the site in December 2009. Soil samples collected in the base of former gasoline and diesel tank excavation identified benzene soil contamination up to 0.31 mg/kg at 14 feet below ground surface (bgs). Groundwater was encountered at 13 feet bgs during the tank removal. Benzene contamination over cleanup levels may exist at other locations at the site since all of the laboratory samples collected had reporting limits (0.047 to 0.067 mg/kg) above site cleanup levels of 0.025 mg/kg. Shell's consultant will be requesting revised laboratory data sheets from the lab that show the method detection limits (MDL) for those samples. In addition one of the hydraulic hoist samples exceeded site cleanup levels for DRO at 500 mg/kg at 8 feet bgs.	Weimer, Rober
11/30/2010	Update or Other Action	Due to change in consultants DEC approves extention request to submit release investigation workplan to December 10, 2010.	Weimer, Rober
12/10/2010	Meeting or Teleconference Held	Received call from Shell's new consultant (CRA) that they expect to submit the workplan by December 14, 2010.	Weimer, Rober
12/21/2010	Update or Other Action	DEC receives by email a release investigation workplan from Shell's consultant. As requested copies were provided to the property owners representative and the prospective purchasers representative.	Weimer, Rober
01/11/2011	Report or Workplan Review - Other	Reviewed revised laboratory data showing method detection limits for the December 2008 UST closure sampling. The revised data reports better detection limits for benzene. With the better detection limits 4 additional locations (hoist 1-8: 0.042 mg/kg, south wall 1-10: 0.026 mg/kg, west wall 1-10: 0.031 mg/kg, and west wall 2-10: 0.034 mg/kg) have benzene over cleanup levels.	Weimer, Rober
01/11/2011	Meeting or Teleconference Held	Meeting with prospective purchaser and her agent to discuss current site conditions and future site work. They requested that DEC contact Shell to help facilitate getting an indemnification agreement needed for the purchase of the property.	Weimer, Rober
01/19/2011	Meeting or Teleconference Held	Talked with Shell to help facilitate an indemnification agreement needed for the purchase of the property. Shell will contact the agent for the prospective purchaser about providing an indemnification agreement.	Weimer, Rober
01/20/2011	Meeting or Teleconference Held	ADEC provided comments on proposed release investigation workplan to Shell's consultant (CRA). They are to provide a revised workplan to include additional assessment areas and to complete the proposed monitoring wells as long-term monitoring wells.	Weimer, Rober
05/18/2011	Site Characterization Workplan Approved	ADEC conditionally approves revised release investigation workplan. The plan proposes to install collect soil samples from 8 soil borings and complete 3 to 6 of them as monitoring wells and collect groundwater samples. The condition of the approval is that borings E and F be completed as monitoring wells. They are located to the south and west of the former tank excavation.	Weimer, Rober
10/19/2011	Offsite Soil or Groundwater Disposal Approved	DEC approves request to dispose of 5 drums and 2 super sacks of contaminated drill cuttings and 1 drum of contaminated decontamination water at a permitted landfill in Washington state. This material was generated during recent site investigation work.	Weimer, Rober
11/21/2011	Offsite Soil or Groundwater Disposal Approved	DEC approves request to dispose of drums of contaminated purge water at a permitted landfill in Washington state. This material was generated during a recent groundwater monitoring event.	Weimer, Rober
09/04/2012	Report or Workplan Review - Other	October 6, 2011 groundwater sampling of the 7 site monitoring wells. Up to 118 ug/l GRO (2,200 ug/l cleanup level), 1.96 ug/l benzene (5 ug/l cleanup level), 1,480 ug/l DRO (1,500 ug/l cleanup level), and 7,120 ug/l RRO (1,100 ug/l cleanup level) in the groundwater. The highest concentrations were in the monitoring well near the former hoists.Depth to groundwater was 9.83 to 12.18 feet below ground surface. Groundwater flow direction was to the southeast. The consultant recommends continued quarterly groundwater monitoring to document trends in contamination concentrations.	Weimer, Rober
10/09/2012	Report or Workplan Review - Other	Site investigation work in July and August 2011. They collected soil samples from 8 soil borings and completed 5 of them as monitoring wells and collected groundwater samples. Up to 13.9 mg/kg GRO, 5,500 mg/kg DRO, 20,800 mg/kg RRO, and	Weimer, Rober

		0.00293 mg/kg benzene in the soil. Higher concentrations may exist because samples were not analyzed from higher field reading soils in SB-6 (10-15 feet bgs) and MW-7 (15 to 20 feet bgs). Contamination over site cleanup levels remains in the area of the former hoists. The extent of that soil and groundwater contamination has not been defined. The consultant recommends continued quarterly groundwater monitoring. NAPL hydraulic oil product was found on the groundwater in monitoring well MW-7.	
10/30/2012	Offsite Soil or Groundwater Disposal Approved	ADEC approves request for transport and treatment of 1 drum of contaminated monitoring well purge water and 1 drum of hydraulic oil collected from the groundwater in monitoring well MW-7.	Weimer, Rober
01/24/2013	Site Characterization Report Approved	March 27-28, 2012 groundwater sampling of 4 of the 6 site monitoring wells (monitoring wells MW-2 and MW-7 were not sampled due to product in the well). Up to <100 ug/l GRO (2,200 ug/l cleanup level), <1.0 ug/l benzene (5 ug/l cleanup level), <792 ug/l DRO (1,500 ug/l cleanup level), and <990 ug/l RRO (1,100 ug/l cleanup level) in the groundwater, but there was 1.18 feet of product in the monitoring well (MW-7) near the former hoists that had previously shown the highest dissolved contaminant concentrations (the water in that monitoring well was not analyzed due to the presence of free product). Monitoring well MW-2 also had 0.01 feet of product. Depth to groundwater was 11.0 to 14.01 feet below ground surface. Groundwater flow direction was to the northeast. The consultant recommends continued quarterly groundwater monitoring to document trends in contamination concentrations. Monitoring wells were purged prior to sampling with a bladder pump. The consultant collected product samples to have them analyzed in the lab. The results of this analysis was not included in the report.	Weimer, Rober
02/01/2013	Site Characterization Report Approved	June 15, 2012 groundwater sampling of 5 of the 6 site monitoring wells (monitoring well MW-7 was not sampled due to product in the well). Up to <100 ug/l GRO (2,200 ug/l cleanup level), <1.0 ug/l benzene (5 ug/l cleanup level), <800 ug/l DRO (1,500 ug/l cleanup level), and <1,010 ug/l RRO (1,100 ug/l cleanup level) in the groundwater, but there was 0.28 feet of product in the monitoring well (MW-7) near the former hoists that had previously shown the highest dissolved contaminant concentrations (the water in that monitoring well was not analyzed due to the presence of free product). Depth to groundwater was 9.9 to 12.7 feet below ground surface. Groundwater flow direction was to the southwest. The consultant recommends continued quarterly groundwater monitoring to document trends in contamination concentrations. Monitoring wells were purged prior to sampling with a bladder pump. Report approved.	Weimer, Rober
02/12/2013	Site Characterization Report Approved	August 14, 2012 groundwater sampling of 5 of the 6 site monitoring wells (monitoring well MW-7 was not sampled due to product in the well). Up to <100 ug/l GRO (2,200 ug/l cleanup level), <1.0 ug/l benzene (5 ug/l cleanup level), <800 ug/l DRO (1,500 ug/l cleanup level), and <1,010 ug/l RRO (1,100 ug/l cleanup level) in the groundwater, but there was 0.20 feet of product in the monitoring well (MW-7) near the former hoists that had previously shown the highest dissolved contaminant concentrations (the water in that monitoring well was not analyzed due to the presence of free product). Depth to groundwater was 10 to 12 feet below ground surface. Groundwater flow direction was to the southwest. The consultant recommends continued quarterly groundwater monitoring to document trends in contamination concentrations. Monitoring wells were purged prior to sampling with a bladder pump. Report approved.	Weimer, Rober
04/22/2013	Site Characterization Report Approved	October 27, 2012 groundwater sampling of 4 of the 6 site monitoring wells (monitoring wells 2 and 7 were not sampled this event). Up to <100 ug/l GRO (2,200 ug/l cleanup level), <1.0 ug/l benzene (5 ug/l cleanup level), <800 ug/l DRO (1,500 ug/l cleanup level), and <952 ug/l RRO (1,100 ug/l cleanup level) in the groundwater, but there was 0.20 feet of product in the monitoring well (MW-7) near the former hoists that had previously shown the highest dissolved contaminant concentrations (the water in that monitoring well was not analyzed due to the presence of free product). Depth to groundwater was 9 to 11 feet below ground surface. Groundwater flow direction was to the southwest. The consultant recommends semi-annual groundwater monitoring to document trends in contamination concentrations. Report approved. The monitoring wells were purged prior to sampling with a bladder pump.	Weimer, Rober
04/23/2013	Update or Other Action	Given the product at the site the DEC is requesting continued quarterly groundwater monitoring. The DEC is also requesting that a work plan, including a schedule for conducting the work, be submitted by May 31, 2013 to 1.Define the extent of the free product on the groundwater. 2.Conducting a product bail down/pumping test to determine the product recovery rate and the rate that the product returns to any monitoring well with product. 3.The operation of a product recovery system (which could include a passive system depending on the rate that product return into the monitoring wells). 4. Any information collected on the characteristics (type) of the product recovered.	Weimer, Rober
04/23/2013	Exposure Tracking Model Ranking	Initial ranking with ETM completed for source area id: 77691 name: piping leak 1996 and hydraulic oil	Weimer, Rober
05/16/2013	Update or Other Action	ADEC grants an extension of providing a free product assessment and recovery work plan, including a schedule for conducting the work, until August 15, 2013 if the bail down/pump testing is conducted by June 30, 2013. ADEC will need a work plan for that portion of the work.	Weimer, Rober
06/20/2013	Update or Other Action	ADEC requested that the RP provide the results of the past product analysis.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Texaco - #85 - Arctic**

Site Name:	Texaco - #85 - Arctic
Address:	810 W. Tudor Rd.; Anchorage, AK 99503
File Number:	2100.26.105
Hazard ID:	23605
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	Shell Oil Products US
Latitude:	61.180487
Longitude:	-149.898613
Section:	
Meridian:	
Range:	
Township:	

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

In 1989 a leak from the gasoline tank system was detected. The leak was repaired and 1481 tons of gasoline contaminated soil was excavated and subsequently thermally treated. Monitoring wells were installed in 1989 with additional monitoring wells installed in subsequent years. A soil vapor extraction system was installed tin 1989 to help remediate the remaining soil contamination. A groundwater pumping system was installed in 1998. Jet fuel product from a nearby fuel pipeline leak was found and continues to be found in some c the site monitoring wells on the northern portion of the property. In 2004 an ORC slurry barrier wall was installed on the north side of the property. Also in 2004 they started to inject hydrogen peroxide and nutrients at the site. The groundwater is at around 35 feet below ground surface and flows to the northwest. Some of the gasoline contamination extends off property to the northwest. The soil vapor extraction and groundwater pumping continue at this active gas station site. Need to continue to operate remediation system and conduct semi-annual groundwater monitoring. Need confirmation soil samples for site closure. F.K.A. L25.09

Action Information

Action Date	Action	Description	DEC Staff
02/15/1989	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77687 Gasoline contaminant.	Not Assigned,
02/15/1989	Site Added to Database		Not Assigned,
02/16/1989	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	LCAU Date changed DB conversion.	Not Assigned,
06/08/1989	Leaking Underground Storage Tank Corrective Action Underway	1481 tons of fuel-stained soils thermally treated at Anchorage Sand & Gravel Klatt road facility for use as non-spec black base.	Not Assigned,
06/22/1989	Release Investigation	Harding Lawson drinking water analysis shows none of the analytes were present in concentrations greater than method limits of detection using EPA method 503.1.	Not Assigned,
09/19/1989	Update or Other Action	Harding Lawson sends in report describing design of vapor extraction system installed at site with results of pilot test program, public health risk evaluation, and system operating plan.	Not Assigned,
10/25/1989	Report or Workplan Review - Other	Anchorage Sand & Gravel sends letter stating 1481 tons of fuel stained soils from site were processed/blended with AC-5 for use as a non spec black base material. Samples were taken during processing and are included with letter.	Not Assigned,
11/02/1989	Underground Storage Tank Site Characterization or Assessment	Reviewed a phase 1 site assessment report.	Not Assigned,
05/16/1990	Update or Other Action	Failed Petrotite test 2/3/89, workplan submitted 5/18/89.	Not Assigned,
10/12/1990	Report or Workplan Review - Other	Received vapor extraction summary report for past operations at site.	Not Assigned,
10/25/1990	Update or Other Action	ADEC letter requesting that ambient air quality monitoring report be sent when available and at least 3 more monitoring wells installed.	Not Assigned,
08/30/1993	Report or Workplan Review - Other	Reviewed a phase 2 site assessment report.	Not Assigned,
01/25/1994	Report or Workplan Review - Other	Release investigation at service station, 5 soil borings/monitor wells. Soils up to 1.7 ppm benzene in MW2. Groundwater over MCL for benzene in 4 of 6 monitoring wells on-site, highest was 144 ppb in MW West-1.	Not Assigned,
10/11/1994	Report or Workplan Review - Other	Report documenting the installation of the soil vapor extraction system.	Not Assigned,
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: TEXACO REFINING & MARKETING INC.	Not Assigned,
07/26/2000	Update or Other Action	ADEC requests continued groundwater monitoring and remediation system operation.	Weimer, Rober
09/12/2003	Update or Other Action	Approved reduction in groundwater monitoring at the site.	Weimer, Rober
06/07/2004	Report or Workplan Review - Other	Reviewed quarterly groundwater monitoring report. Up to 18,000 ug/l benzene and 57,000 ug/l GRO in groundwater. Contaminant levels appear to be increasing on some wells. Three well have product up to 0.9 feet.	Weimer, Rober
06/30/2004	Update or Other Action	Reviewed and approved corrective action plan for ORC barrier wall.	Weimer, Rober
07/21/2004	Update or Other Action	Reviewed and approved work plan for injection of hydrogen peroxide and nutrients.	Bush, Lynne
09/14/2004	Update or Other Action	Approved thermal treatment of 12 drums of contaminated drill cuttings at ASR.	Weimer, Rober
10/21/2004	Report or Workplan Review - Other	Reviewed quarterly groundwater monitoring report. Up to 18,000 ug/l benzene and 41,000 ug/l GRO in groundwater. Contaminant levels appear to be decreasing in most wells. Two well have product up to 0.49 feet.	Weimer, Rober
11/18/2004	Report or Workplan Review - Other	Reviewed quarterly groundwater monitoring report. Up to 18,000 ug/l benzene and 41,000 ug/l GRO in groundwater. Contaminant levels appear to be decreasing in most wells. Two well have product up to 0.90 feet.	Weimer, Rober
02/14/2005	Report or Workplan Review - Other	Reviewed December 2004 quarterly groundwater and remediation system monitoring report. Up to 14,000 ug/l benzene and 8,900 ug/l GRO in groundwater. Contaminant levels appear to be decreasing in most wells. Two wells have product up to 0.33 feet. The soil vapor extraction/groundwater treatment system removed 54 pounds of hydrocarbons this quarter.	Weimer, Rober
05/17/2005	Report or Workplan Review - Other	Reviewed March 2005 quarterly groundwater and remediation system monitoring report. Up to 8,200 ug/l benzene and 6,200 ug/l GRO in groundwater. Contaminant levels appear to be decreasing in most wells. Two wells have product up to 0.33 feet. The soil vapor extraction/groundwater treatment system removed 19 pounds of hydrocarbons this quarter. Groundwater flow to the west by northwest.	Weimer, Rober
09/23/2005	Report or Workplan Review - Other	Reviewed June 2005 quarterly groundwater and remediation system monitoring report. Up to 4,600 ug/l benzene and 19.2 mg/l GRO in the groundwater. Contaminant levels appear to be decreasing in most wells. Two wells have product up to 0.32 feet. The soil vapor extraction/groundwater treatment system removed 11.6 pounds of hydrocarbons this quarter, and 3660 pounds to date. Groundwater flow to the northwest. Groundwater is at approximately 32 feet below ground surface.	Weimer, Rober
01/13/2006	Report or Workplan Review - Other	Reviewed September 2005 quarterly groundwater and remediation system monitoring report. Up to 13,000 ug/l benzene and 45 mg/l GRO in the groundwater. Contaminant levels appear to be decreasing in most wells. Two wells have product up to 0.33 feet. The soil vapor extraction/groundwater treatment system removed 11.3 pounds of hydrocarbons this quarter, and 3671 pounds to date. Groundwater flow to the northwest. Groundwater is at approximately 32 feet below ground surface. Currently the groundwater pumping system is down for repair.	Weimer, Rober
02/06/2006	Update or Other Action	Received notice that recovery well RW-9 is to be cleaned this month to remove iron fouling in the well.	Weimer, Rober
02/21/2006	Report or Workplan Review - Other	Reviewed December 2005 quarterly groundwater and remediation system monitoring report. Up to 15,900 ug/l benzene and 43.9 mg/l GRO in the groundwater. Contaminant levels appear to be increasing in most wells. Two wells have product up to 0.33 feet. The soil vapor extraction/groundwater treatment system removed 10.25 pounds of hydrocarbons this quarter, and 3681 pounds to date. Groundwater flow is to the northwest. Groundwater is at approximately 32 feet below ground surface. The groundwater pumping system was repaired on 11/16/05.	Weimer, Rober
06/22/2006	Report or Workplan Review - Other	Reviewed March 2006 quarterly groundwater and remediation system monitoring report. Up to 14,200 ug/l benzene and 37.9 mg/l GRO in the groundwater. Contaminant levels appear to be decreasing. No measurable product. The soil vapor extraction/groundwater treatment system removed 19.8 pounds of hydrocarbons this quarter, and 3700 pounds to date. Groundwater flow is to the northwest. Groundwater is at approximately 31 to 33 feet below ground surface. The groundwater pumping well (RW-9) was rehabilitated on 3/22/06.	Weimer, Rober
11/29/2006	Report or Workplan Review - Other	Reviewed June 2006 quarterly groundwater and remediation system monitoring report. Up to 17,400 ug/l benzene and 51.9 mg/l GRO in the groundwater. Contaminant levels appear to be increasing. No measurable product. The soil vapor extraction/groundwater treatment system removed 20.9 pounds of hydrocarbons this quarter, and 3721 pounds to date. Groundwater flow is to the west by southwest. Groundwater is at approximately 31 to 34 feet below ground surface. The groundwater pumping well (RW-9) was rehabilitated on 3/22/06.	Weimer, Rober
03/06/2007	Exposure Tracking Model Ranking	Initial site ranking on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
04/10/2007	Report or Workplan Review - Other	Reviewed December 2006 quarterly groundwater and remediation system monitoring report. Up to 20,700 ug/l benzene and 57.6 mg/l GRO in the groundwater. Contaminant levels appear to be increasing. Up to 0.03 feet of product in MW-6. The soil vapor extraction/groundwater treatment system removed 3721 pounds of hydrocarbons as of June 2006. Groundwater flow is to the west. Groundwater is at approximately 31.3 to 32.4 feet below ground surface. The groundwater pumping well (RW-9) was rehabilitated on 3/22/06.	Weimer, Rober
05/04/2007	Update or Other Action	ADEC approves request for no-purge groundwater sampling for this site.	Weimer, Rober
10/29/2007	Report or Workplan Review - Other	Reviewed March 2007 quarterly groundwater and remediation system monitoring report. Up to 14,000 ug/l benzene and 50.0 mg/l GRO in the groundwater. Contaminant levels appear to be decreasing. The soil vapor extraction/groundwater treatment system removed 3721 pounds of hydrocarbons as of June 2006. Groundwater flow is to the west. Groundwater is at approximately 31.3 to 32.55 feet below ground surface. The groundwater pumping well (RW-9) was rehabilitated on 3/22/06.	Weimer, Rober
08/21/2008	Report or Workplan Review - Other	Reviewed June 2007 quarterly groundwater and remediation system monitoring report. Up to 14,700 ug/l benzene and 85.7 mg/l GRO in the groundwater. Contaminant levels appear to be increasing. The soil vapor extraction/groundwater treatment system removed 3721 pounds of hydrocarbons as of June 2006. Groundwater flow is to the west by northwest. Groundwater is at approximately 31.2 to 32.35 feet below ground surface. Monitoring wells West1, MW2, and MW18 could not be sampled because they are damaged. Monitoring results may be biased low due to QA/QC problems with the samples (samples not kept cool enough).	Weimer, Rober
08/25/2008	Report or Workplan Review - Other	Reviewed September 2007 quarterly groundwater and remediation system monitoring report. Up to 14,700 ug/l benzene and 85.7 mg/l GRO in the groundwater. Contaminant levels appear to be increasing. The soil vapor extraction/groundwater treatment system removed 3721 pounds of hydrocarbons as of June 2006. Groundwater flow is to the west by northwest. Groundwater is at approximately 31.51 to 32.6 feet below ground surface. Monitoring wells West1, MW17, and MW2 could not be sampled because they are damaged.	Weimer, Rober

08/29/2008	Report or Workplan Review - Other	Reviewed December 2007 quarterly groundwater and remediation system monitoring report. Up to 13,500 ug/l benzene (these results are biased low as they were analyzed outside of holding times), 5160 ug/l TBA, 48 ug/l MTBE, and 4.51 mg/l GRO in the groundwater. Contaminant levels appear to be decreasing. The soil vapor extraction/groundwater treatment system removed 3721 pounds of hydrocarbons as of June 2006. Groundwater flow is to the northwest. Groundwater is at approximately 31.32 to 32.28 feet below ground surface. Monitoring wells MW17, MW3, MW5,and MW2 could not be sampled because they are damaged.	Weimer, Rober
11/06/2008	Report or Workplan Review - Other	Reviewed March 27, 2008 quarterly groundwater and remediation system monitoring report. Up to 13,500 ug/l benzene (these results are biased low as they were analyzed outside of holding times) and 4.51 mg/l GRO in the groundwater (previous monitoring event). Contaminant levels appear to be decreasing. The soil vapor extraction/groundwater treatment system removed 3721 pounds of hydrocarbons as of June 2006. Groundwater flow is to the north by northeast. Groundwater is at approximately 31.12 to 32.17 feet below ground surface. Five monitoring wells could not be sampled because they are damaged or inaccessible. The SVE system was restarted in late February 2008 after it was repaired. The groundwater treatment system is currently down for repairs.	Weimer, Rober
11/25/2008	Report or Workplan Review - Other	Reviewed June 11, 2008 quarterly groundwater and remediation system monitoring report. Up to 4 ug/l benzene (these results are biased low as they were analyzed outside of holding times) and 0.1 mg/l GRO in the groundwater. Contaminant levels appear to be decreasing. The soil vapor extraction/groundwater treatment system removed 3740 pounds of hydrocarbons as of June 2008. Groundwater flow is to the west by northwest. Groundwater is at approximately 30.19 to 32.32 feet below ground surface. Eight monitoring wells were sampled this monitoring event. The SVE system was restarted in late February 2008 after it was repaired. The groundwater treatment system is currently down for repairs.	Weimer, Rober
01/22/2009	Report or Workplan Review - Other	Reviewed September 18, 2008 quarterly groundwater and remediation system monitoring report. Up to 1.4 ug/l benzene in the groundwater of the three monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels appear to be decreasing. The soil vapor extraction/groundwater treatment system removed 3740 pounds of hydrocarbons as of June 2008. Groundwater flow is to the northwest. Groundwater is at approximately 30.19 to 32.32 feet below ground surface. The SVE system was restarted in late February 2008 after it was repaired. The groundwater treatment system is currently down for repairs but is expected to be restarted before the end of 2008.	Weimer, Rober
02/12/2009	Update or Other Action	Discussed site status with Texaco's consultant. He indicated that they had shut down the remediation system. I informed him that Texaco need to continue to operate the system until approved by ADEC to stop operation. We discussed that they could request pulsing the system if recovery rates were low. If pulsing the system still had low recoveries they could request shutting down the system. We would need to evaluate remaining contamination levels to determine what corrective action would be required for the remaining contamination. We discussed that several monitoring wells have not been sampled in the past because they have been damaged. He indicated that most of them have been repaired. We discussed that the remaining damaged monitoring wells would need to be replaced or have a request approved by ADEC not to replace them.	Weimer, Rober
03/18/2009	Update or Other Action	Discussed site status with Texaco's consultant. He indicated that they have restarted the remediation system. Texaco will continue to operate the system until approved by ADEC to stop operation. We discussed that they could request pulsing the system if recovery rates were low.	Weimer, Rober
04/01/2009	Report or Workplan Review - Other	Reviewed December 7, 2008 quarterly groundwater and remediation system monitoring report. Up to 20 ug/l benzene in the groundwater of the six monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in two of the six monitoring wells sampled. The soil vapor extraction/groundwater treatment system removed 3746 pounds of hydrocarbons as of December 2008. Groundwater flow is to the north by northwest. Groundwater is at approximately 30.60 to 32.00 feet below ground surface. The SVE system was restarted in late February 2008 after it was repaired. The groundwater treatment system is currently down for repairs but is expected to be restarted before the end of 2008.	Weimer, Rober
04/01/2009	Meeting or Teleconference Held	Discussed with Texaco's consultant that the SVE system is now being pulsed on a 4 hour cycle. The groundwater pumping system is operational, but is having some problems with freezing.	Weimer, Rober
04/01/2009	Update or Other Action	Discussed with Texaco's consultant (Delta) requesting they use updated lab QA/QC check list, they include lab sample receipt log, and not to use tedlar bags for air samples that are transported by aircraft.	Weimer, Rober
06/10/2009	Site Visit	Site visit to observe the removal of a 550 gallon used oil tank.	Weimer, Rober
07/29/2009	Report or Workplan Review - Other	Reviewed March 26, 2009 quarterly groundwater and remediation system monitoring report. Up to <0.5 ug/l benzene and <0.1 mg/l GRO in the groundwater of the four monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels decreased in the four monitoring wells sampled. The soil vapor extraction/groundwater treatment system removed 3746 pounds of hydrocarbons as of December 2008. Groundwater flow is to the north by northwest. Groundwater is at approximately 30.78 to 31.95 feet below ground surface. The SVE system was down at the end of 2008.	Weimer, Rober
12/16/2009	Report or Workplan Review - Other	Reviewed June 11, 2009 quarterly groundwater and remediation system monitoring report. Up to 13,000 ug/l benzene, 26 ug/l MTBE, and 10.0 mg/l GRO in the groundwater of the eight monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased significantly in one of the monitoring wells sampled (MW-11). The soil vapor extraction/groundwater treatment system removed 3746 pounds of hydrocarbons to date. Groundwater flow is to the northwest. Groundwater is at approximately 30.94 to 33.31 feet below ground surface. The SVE system was re started in February 2009 and is now on a pulsed 4 hours a day operation.	Weimer, Rober
12/18/2009	Update or Other Action	Reviewed September 15, 2009 quarterly groundwater and remediation system monitoring report. Up to 13,000 ug/l benzene and 24.0 mg/l GRO in the groundwater of the eight monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in four of the six monitoring wells sampled. The soil vapor extraction/groundwater treatment system removed 3746 pounds of hydrocarbons to date. Groundwater flow is to the northwest. Groundwater is at approximately 31.40 to 32.81 feet below ground surface. The SVE system was re started in February 2009 and is now on a pulsed 4 hours a day operation.	Weimer, Rober
03/15/2010	Report or Workplan Review - Other	Reviewed December 8, 2009 quarterly groundwater and remediation system monitoring report. Up to 6.4 ug/l benzene and <0.1 mg/l GRO in the groundwater of the eight monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 1 of the 5 monitoring wells sampled. Sheen noted in one of the monitoring wells sampled (MW-6). Monitoirng well MW-18 was noted as being broken at 9 feet below ground surface and could not be sampled. The soil vapor extraction/groundwater treatment system removed 3746 pounds of hydrocarbons to date. Groundwater flow is to the northwest. Groundwater is at approximately 31.31 to 32.74 feet below ground surface. The SVE system was restarted in February 2009 and was pulsed 4 hours a day operation. The system was not operated dutring this quarter.	Weimer, Rober
06/17/2010	Report or Workplan Review - Other	Reviewed March 16, 2010 quarterly groundwater and remediation system monitoring report. Up to 6.4 ug/l benzene and <0.1 mg/l GRO in the groundwater of the eight monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 0 of the 5 monitoring wells sampled. Sheen noted in one of the monitoring wells sampled (MW-4). Monitoirng well MW-18 was noted as being broken at 9 feet below ground surface and could not be sampled. Monitoirng well West-1 was noted as being broken/blocked at 3.5 feet below ground surface and could not be sampled. The soil vapor extraction/groundwater treatment system removed 3750 pounds of hydrocarbons to date. Groundwater flow is to the northwest. Groundwater is at approximately 31.45 to 32.92 feet below ground surface. The SVE system was restarted in February 2009 and was pulsed 4 hours a day operation. The system was operated dutring this quarter.	Weimer, Rober
07/08/2010	Report or Workplan Review - Other	On July 8, 2010 product measurements were conducted on monitoring well MW-6 and MW-10 by AFSC's consultant. 0.01 feet of product was measured in MW-6 and none in MW-10.	Weimer, Rober
12/13/2010	Site Characterization Report Approved	Reviewed May 15, 2010 quarterly groundwater and remediation system monitoring report. Up to 13,000 ug/l benzene, 22 ug/l MTBE, and 24.0 mg/l GRO in the groundwater of the five monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 1 of the 5 monitoring wells sampled. Thin product noted in one of the monitoring wells sampled (MW-6). Monitoirng well MW-18 was noted as being broken at 9 feet below ground surface and could not be sampled. Monitoirng well West-1 was noted as being broken/blocked at 3.5 feet below ground surface and could not be sampled. The monument cover for monitoring well MW-3 was not sampled because its cover could not be removed. Groundwater flow direction was to the west-northwest. Groundwater is at approximately 31.63 to 32.99 feet below ground surface. Need to continue to operate remediation system and conduct semi-annual groundwater monitoring. The soil vapor extraction/groundwater treatment system removed 3750 pounds of hydrocarbons to date. The SVE system was restarted in February 2009 and was pulsed 4 hours a day operation. The system was operated during this quarter. Report approved.	Weimer, Rober
12/13/2010	Site Characterization Report Approved	On October 10, 2010 product measurements were conducted on monitoring well MW-6 and MW-10 by AFSC's consultant. No product was measured in MW-6 and MW-10. Report approved.	Weimer, Rober
12/13/2010	Meeting or Teleconference Held	New consultant called (CRA) to discuss site. He mentioned that the VES blower is currently down. He will send a follow up email regarding what they will propose to address the remaining contamination at the site.	Weimer, Rober
08/31/2011	Site Characterization Report Approved	Reviewed September 23 and October 31, 2010 quarterly groundwater monitoring report. Up to 11,000 ug/l benzene, and 19.0 mg/l GRO in the groundwater of the five monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 3 of the 5 monitoring wells sampled. 0.01 feet of product noted in	Weimer, Rober

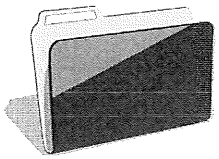
		monitoring well MW-6. Monitoirng well West-1, MW-3, MW-18, and MW-33 were not sampled because they were broken or inaccessible. Groundwater flow direction was to the west-northwest. Groundwater is at approximately 31.41 to 32.84 feet below ground surface. Groundwater samples were collected using bailers. Report approved.	
11/28/2011	Offsite Soil or Groundwater Disposal Approved	ADEC reviews and approves request to treat contaminated purgewater.	Weimer, Rober
11/28/2011	Offsite Soil or Groundwater Disposal Approved	ADEC reviews and approves request to treat contaminated purgewater.	Weimer, Rober
01/26/2012	Site Characterization Report Approved	March 8, 2011 quarterly groundwater monitoring event. Up to 6,380 ug/l benzene, and 17.6 mg/l GRO in the groundwater of the six monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 2 of the 6 monitoring wells sampled. No product noted in the monitoring wells, but some were not accessible due to snow. Groundwater flow direction was to the northwest. Groundwater is at approximately 31.60 to 33.00 feet below ground surface. Groundwater samples were collected using hydrasleeves. Report approved.	Weimer, Rober
04/12/2012	Site Characterization Report Approved	May 23, 2011 quarterly groundwater monitoring event. Up to 16,300 ug/l benzene, 40.1 ug/l MTBE, and 40.2 mg/l GRO (GRO results may be bias low because it was extracted and analyzed outside of holding times) in the groundwater of the six monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 2 of the 5 monitoring wells sampled. 0.01 feet of product noted in monitoring well MW-6, but some other monitoring wells were not accessible. Groundwater flow direction was to the northwest. Groundwater is at approximately 31 to 33 feet below ground surface. Groundwater samples were collected using hydrasleeves. 5 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober
07/16/2012	Site Characterization Report Approved	July 28, 2011 quarterly groundwater monitoring event. Up to 9,960 ug/l benzene and 25.2 mg/l GRO in the groundwater of the five monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 0 of the 5 monitoring wells sampled. 0.01 feet of product noted in monitoring well MW-6 and 0.11 feet of product in MW-4, but some other monitoring wells were not accessible. Groundwater flow direction was to the west by northwest. Groundwater is at approximately 31 to 33 feet below ground surface. Groundwater samples were collected using hydrasleeves. 3 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober
09/14/2012	Site Characterization Report Approved	October 10, 2011 quarterly groundwater monitoring event. Up to 6,200 ug/l benzene and 14.8 mg/l GRO in the groundwater of the five monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 0 of the 5 monitoring wells sampled. No product noted this monitoring event. Groundwater flow direction was to the northwest. Groundwater is at approximately 31 to 33 feet below ground surface. Groundwater samples were collected using a bladder pump. 5 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober
10/30/2012	Offsite Soil or Groundwater Disposal Approved	ADEC approves request for transport and treatment of 1 drum of contaminated monitoring well purge water.	Weimer, Rober
02/13/2013	Site Characterization Report Approved	April 25, 2012 quarterly groundwater monitoring event. Up to 6,200 ug/l benzene and 14.8 mg/l GRO in the groundwater of the five monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 0 of the 5 monitoring wells sampled. No product noted this monitoring event. Groundwater flow direction was to the northwest. Groundwater is at approximately 31 to 33 feet below ground surface. Groundwater samples were collected using a bladder pump. 5 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober
03/22/2013	Update or Other Action	DEC is requesting that all sites where there has been no purge groundwater sampling conducted during the last year, that for the next sampling event that they do both no purge then purge sampling from each monitoring well, so we evaluate on a site specific basis whether no purge sampling has provided comparable data. The post purge well sampling for VOCs would need to be conducted via hydrasleeve, bladder pump, or in well pump. Non VOC sampling can be collected with a bailer or peristaltic pump (in addition to the VOC methods) if desired. The specific sampling methods will need to be documented in the report and included field notes. If there is not enough time to do this adjustment for the planned sample event of March 26-April 4, then we request it be done on the following event.	Weimer, Rober
04/01/2013	Site Characterization Report Approved	June 15, 2012 quarterly groundwater monitoring event. Up to 12,200 ug/l benzene and 46.4 mg/l GRO in the groundwater of the four monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 1 of the 4 monitoring wells sampled. Product noted in monitoring well MW-4 (0.05 feet). Groundwater flow direction was to the northwest. Groundwater is at approximately 31 to 32 feet below ground surface. Groundwater samples were collected using a bladder pump and were purged prior to sampling. 3 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober
04/18/2013	Site Characterization Report Approved	August 17, 2012 quarterly groundwater monitoring event. Up to 26.7 mg/l GRO in the groundwater of the four monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 0 of the 4 monitoring wells sampled. Product noted in no monitoring wells this event. Groundwater flow direction was to the northwest. Groundwater is at approximately 31 to 33 feet below ground surface. Groundwater samples were collected using a bladder pump and were purged prior to sampling. 3 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober
05/08/2013	Update or Other Action	DEC confirmed that since the previous groundwater samples were collected after purging, that the DEC is not requesting a purge/no purge comparison sampling event for this site.	Weimer, Rober
05/21/2013	Site Characterization Report Approved	October 28, 2012 quarterly groundwater monitoring event. Up to 22.1 mg/l GRO and 10,900 ug/l benzene in the groundwater of the four monitoring wells sampled. Monitoring wells with past product were not sampled during this sampling event. Contaminant levels increased in 1 of the 3 monitoring wells sampled. Product noted in no monitoring wells this event. Groundwater flow direction was to the northwest. Groundwater is at approximately 31.2 to 32.4 feet below ground surface. Groundwater samples were collected using a bladder pump and were purged prior to sampling. 3 monitoring wells were not sampled because of well obstructions or well caps that couldn't be removed, those monitoring wells need to be repaired. Report approved.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Holiday Station Store #630 / Williams Express Store #5030 Overfill**

Site Name: Holiday Station Store #630 / Williams Express Store #5030 Overfill
Address: 3727 Spenard
Anchorage, AK 99514
File Number: 2100.26.031
Hazard ID: 22986
Staff: IC Unit - 9074655229
Status: Cleanup Complete - Institutional Controls
Landowner:
Latitude: 61.186498
Longitude: -149.913577
Section: 19
Meridian:
Range: 086
Township: 001



Institutional Controls Report

Problem / Comments

Multiple release events have occurred in the same region of this site (one in 1999, another in 2001, and a third on 4 January 2010), and multiple records have been created as Haza ID: 23316 and Hazard ID 22986. One record has the name "Overfill" in the name, and the other does not (i.e. Holiday Station Store #630 / Williams Express Store #5030 Overfill). Tl first events in 1999 and 2001 occurred when the tanks were filled too much, and the overfill buckets overflowed. This event was cleaned up, and a closure letter was issued. Soon afterward, a third release event occurred, and the closure letter was rescinded. The third event involved an estimated volume of less than 50 gallons of gasoline, which was releasec when trenching activities ruptured a fuel line during facility upgrades on 4 January 2010. The release occurred over a geotextile liner, which remained intact throughout the excavatic and remediation process. Approximately 5 cubic yards of contaminated soil were removed from the source area during the initial response. Soil, groundwater, and vapor samples w collected on 22 January, 28 April, and 7 July 2010. Groundwater was sampled from nearby and downgradient monitoring wells and did not contain detectable concentrations of COC Nevertheless, the pre-existing Vapor Extraction Air Injection System (VEAIS) was reactivated on 22 January 2010. Field screening measurements of air quality had stabilized at background levels by March 2010, and the VEAIS was subsequently deactivated on 4 June 2010.

Action Information

Action Date	Action	Description	DEC Staff
06/22/1999	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	Over-excavated soil to determine the severity of the release during tank upgrade. LUST Site created in CSP for source area ID 77891 (added by system)	
03/22/2001	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	Received a verbal report from John Helien that another release has occurred at this location.	Bush, Lynne
03/22/2001	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77706 (Added by System)	Not Assigned,
03/22/2001	Site Added to Database	This was a duplicate record, so although this record was created as a CS in 2001, further reporting will only include activity beginning with the release event on 4 Jan 2010.	Not Assigned,
03/23/2001	Site Visit	Gave verbal approval for installation of a MW, asked for GW sampling, approval to store petroleum contaminated soil (PCS) at Store #5002 until spring when it can be taken to ASR.	Bush, Lynne
03/24/2001	Update or Other Action	Sent written approval to install MWs & transport PCS to Store #5002 for the winter.	Bush, Lynne
03/24/2001	Site Visit	Stopped by to see results of MW installation.	Bush, Lynne
09/17/2001	Update or Other Action	Changed ADEC Project Manager from Bush to Wiegers	Pring-Ham, Cynthia
07/16/2002	Update or Other Action	Ledger code 148029 added to database as requested by Lori Barnett.	Wiegers, Janic
11/21/2002	Report or Workplan Review - Other	Fall monitoring report submitted. GRO/BTEX increases noted in B5MW and B6MW. Report suggested contaminants in these wells and B2MW are due to off-site impacts from the north. Maximum benzene concentration at well B6MW (4,900 ppb). Nearest downtradient wells to the recent Williams spill contained benzene at 130 to 470 ppb. Product monitoring discontinued.	Wiegers, Janic
02/21/2003	Update or Other Action	Due to observed problems at th eVeeder-Root access at several Williams stations, soil screening samples were collected from soil in the manway in 2001. Headspace results exceeded 1,000 ppm at this station. Migration to groundwater will be evaluated through existing wells.	Wiegers, Janic
03/11/2003	Update or Other Action	Per J. Wiegers, changed file number from L30.30 to 2100.26.031	Uzzell, Wendy
03/17/2003	Report or Workplan Review - Other	As requested, Williams submitted a limited drinking water well search to extend teh information provided by chevron for the 9-9014 site. The well search extended 500' from the Williams site. Three operating wells wer4e identified southwest of the facility	Wiegers, Janic
06/02/2003	Report or Workplan Review - Other	Spring monitoring and remediation report submitted. Two additional horizontal vapor extraction lines were added to the existing two lines that were installed in 1999. B7MW was also convverted to a vapor extraction well. The lines are positioned next to and between the USTs to treat soil in the source area. Two air injection wells were installed south of the USTs. The vapor extraction system was started in January. Air sparging began continually in May.	Wiegers, Janic
11/14/2003	Report or Workplan Review - Other	Remediation and groundwater monitoring report submitted. The system was activated in January, and vapor recovery has decreased since that time. The highest concentrations on-site were 2,700 ppb benzene (B6MW) and 110 ppm GRO (B5MW). B5MW and B6MW still appear to be on an increasing trend.	Wiegers, Janic
12/08/2003	Update or Other Action	Chevron reported on sampling additional drinking water wells downgradient of WES 5030 and Chevron 99014. No analytes were detected in the drinking water.	Wiegers, Janic
12/12/2003	Update or Other Action	Annual meeting with Williams. Coordination with Chevron was discussed due to comingling plumes.	Wiegers, Janic
03/19/2004	Report or Workplan Review - Other	Workplan for lead scanenger sampling approved. EDB will be analyzed with EPA method 8260. Further evaluation with a method with a lower detection limit may be conducted in future sampling events.	Wiegers, Janic
09/07/2004	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	On 7 July 2004, Bush met with Holiday representative Bruce Anthony; Williams Express representative Terrie Blackburn; and Shannon & Wilson representatives Matt Hemry, Ben Heaver, and Tim Terry. The topic of discussion was plans for future activities at all former Williams Express Stations.	Bush, Lynne
09/08/2004	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	Holiday will be assuming responsibility for investigative and remediation activities at all former Williams Express Stores, but legal responsibility is divided by store. Holiday has renumbered their stores as: 5001=601; 5002=602; 5005=605; 5005=605; 5006=606; 5007=607; 5008=608; 5010=610; 5014=614; 5016=616; 5018=618; 5024=624; 5025=625; 5030=630; 5031=631; 5050=650. While Holiday will oversee the work at the former Williams' stations, these sites remain the responsibility of Williams. The numbers of these sites remain the same: 5003; 5004; 5009; 5012; 5015; 5017; 5021; and 5034.	Bush, Lynne
11/01/2004	Update or Other Action	See also: Event ID #2660 for information on a later spill at this location. This later spill will have new data entered under this Event ID due to co-mingled plumes and the fact that the remediation system addresses both release events.	Bush, Lynne
05/09/2006	Update or Other Action	Project management transferred from Bush to O'Connell.	Blandford, Agg
05/12/2006	Report or Workplan Review - Other	Received April to December 2005 Monitoring Report. VES actively removing hydrocarbons. Benzene and/or GRO and/or 1,2,4-Trimethylbenzene above Table C values in B1MW, B2MW, B5MW, and B6MW. Highest concentrations in B5MW attributed to off-site sources to the north.	O'Connell, Bill
03/16/2007	Exposure Tracking Model On Hold	Ranked under event ID 2660, same facility and File Number.	Mcloone, Keatl
06/11/2007	Report or Workplan Review - Other	Received 2006 GW monitoring report. QA/QC conducted. Analytes detected above Table C cleanup levels in B2MW, B5MW, B6MW, and B7MW. The greatest contaminant concentrations are in wells on the west/northwest side of the property, which are apparently being influenced by offsite contamination originating at the Chevron and/or Thrifty Car Rental locations across Spenard Road to the north.	Mcloone, Keatl
01/24/2008	Update or Other Action	During 2007 annual meeting, previous project manager discussed approaching DEC PM for the adjacent Chevron site regarding the sampling of B2MW, B5MW, and B6MW. E-mail on this date gave approval to Holiday to discontinue sampling at these wells, provided that access would not be limited to Chevron to that they could sample them. As of November 2008, not sure if chevron has/will sample these wells although administrative file for that report acknowledges the groundwater gradient from that site to the Holiday site.	Mcloone, Keatl
07/17/2008	Report or Workplan Review - Other	Received 2007 report electronically. Review included laboratory review checklist. VES system has not been operational since December 2007 after operating in pulse mode since September 2007. S&W recommends that Holiday petition to discontinue sampling at B1MW and B3MW. ADEC approved the discontinuation of sampling at these two wells in an e-mail sent on 9/5/08. an early November 2007 vapor sample appears to ba an anomaly and was analyzed past TO-17 holding time.	Mcloone, Keatl
04/08/2009	Update or Other Action	Receipt of 2008 lab data, draft data table, and draft laboratory review checklist. Discussion with other DEC staff about future monitoring of three onsite wells by Chevron and site status. Email sent on 4/16 to S&W to indicate that ADEC believes the site is a candidate for conditional closure.	Mcloone, Keatl
04/28/2009	Update or Other Action	Letter from Robert Weimer (PM for chevron Site 9/9014) stating that "based on available data, it appears that contamination from the above referenced Chevron site is impacting three monitoring wells (B2MW, B5MW, and ByMW) located on Holiday's site across Spenard Road. The ADEC CS program requests that you have those three monitoring wells sampled until further notice for BTEX and GRO, along with the semi-annual groundwater monitoring events at the Chevron Site 9-9014."	Mcloone, Keatl
06/08/2009	Report or Workplan Review - Other	Review of April and October Groundwater Monitoring report. During the Jan 2008 scheduled visit for VES monitoring, the VES was found to be nonoperational and a decision was made to leave the system off, pending 2008 groundwater monitoring results. Four wells were sampled in April, and two in October (the other two were removed from the sampling program). The April sample from B8MW contained benzene at 0.00803 mg/L, which was the only result above Table C. Shannon & Wilson plans to submit a petition for Corrective Action Complete with ICs. Laboratory data and laboratory review checklist was reviewed in April and it was requested to review decision to discontinue monitoring of groundwater by Holiday (Chevron will continue at three wells), and whether site could be considered a candidate for closure with ICs decision.	Mcloone, Keatl
07/01/2009	Update or Other Action	Received Petition for Cleanup Complete with ICs.	Mcloone, Keatl
10/21/2009	Site Visit	Site visit to see if 1805 McKinley Ave has an occupied home. It does.	Mcloone, Keatl
11/05/2009	Update or Other Action	Several attempts were made to contact the owner of downgradient property located at 1805 McKinley Ave with a private drinking water well (as indicated online at the Muni website and a call to AWWU). These contacts did not eliminate the possibility of a private well remaining at that property. Several messages were left for the property owner with no response/reply. This info was passed on to the PM for Chevron 9014.	Mcloone, Keatl
01/05/2010	Site Visit	A site visit was conducted to observe site conditions due to recent release, which occurred during trenching for a power conduit.	Mcloone, Keatl
02/04/2010	Update or Other Action	Due to the January 4, 2010 release event, soil contamination was found down to the smear zone (2/3/10 email comm.). Since the conditional closure with ICs (CC-IC) letter dated 12/4/09 was not signed, ADEC has determined that this site should remain in active status. Therefore, a letter was sent on this date rescinding the decision letter dated 12/4/09. Two records with the same file number (2100.26.031) and different Hazard IDs are currently active for this site.	Mcloone, Keatl
02/23/2010	Update or Other Action	A letter was sent to the owner of 1805 McKinley Ave asking them to contact ADEC CSP regarding the potential for future sampling of the apparent drinking water well on this downgradient property.	Mcloone, Keatl
03/12/2010	Update or Other Action	After reviewing file for additional information regarding which drinking water wells had been sampled in the past in this area (by Holiday or chevron), ADEC left a voicemail message for the owner of the home at 1805 McKinley Ave. As of today (3/24/10), I have not received a response, nor have past calls been answered. This individual phoned ADEC on 3/9/2010 inresponse to their receipt of a letter sent by ADEC. Since messages have not been returned in the past, ADEC will wait to be	Mcloone, Keatl

		contacted, once again, by this individual. The residence directly east also has a private drinking water well, which was sampled nearly 10 years ago, but results were below Table C.	
06/04/2010	Update or Other Action	S&W requested approval to shut off VEAIS for a rebound test. System was restarted after January 2010 release. Groundwater samples were also collected in January and May of the year from select wells nearest source and were nondetect. VEAIS data has shown a decrease in recovery since being restarted. Anticipate that all of this information will be reported in an upcoming report and the earlier CC with ICs decision will be revisited.	Mcloone, Keatl
01/06/2011	Report or Workplan Review - Other	Date of receipt of Release Investigation report. On January 4, 2010 - about 5 cubic yards of pea gravel was removed from above a lined, 6 ft by 6 ft area up to 4 ft bgs during the initial spill response. Field screening and analytical results showed that GRO, benzene, toluene, ethylbenzene and xylene contamination remained. On January 18, 2010, a boring was advanced about 3 from the most recent excavation to help assess the vertical extent of contamination. Elevated screening results were obtained from throughtout the vertical profile and a soil sample selected from just above the groundwater interface which contained 2.53 mg/kg benzene. Also on January 18, during completion of the electrical trench (whose earlier advancement caused this more recent release), additional screening was performed but no analytical samples were collected. Remediation system was restarted on January 22, 2010 with one air injection well and four VES wells operating with monitoring and analytical samples collected until the system was shut down on June 2010 and restarted on July 7 for a final sampling event. The system is not currently operating. Groundwater samples were collected from B3MW, B7MW, and B8MW on January 22; from B1MW, B7MW, and B8MW on April 28; and from B3MW, B7MW, and B8MW on July 7 to assess whether the remediation system was needed to prevent migration of contamination to groundwater. Report comment letter stated "More data is needed to delineate the nature and extent of this release as is required by 18 AAC 78.235 (a)(1) and as is needed for exposure pathway evaluation...." Requested to be notified within 30 days of the January 26, 2011 letter but as of 7/25/2011 still have not had a response.	Mcloone, Keatl
07/26/2011	Report or Workplan Review - Other	Date of receipt of Work Plan for Additional Soil and Groundwater Sampling. Holiday plans to install a single additional monitoring well on the downgradient side of the former trench excavation. Two soil samples will also be analyzed. ADEC conditionally approved the plan.	Mcloone, Keatl
08/09/2011	Site Visit	Site visit to observe lofation of new well installation to ensure it is in the proposed area.	Mcloone, Keatl
10/04/2011	Report or Workplan Review - Other	Date of receipt of report entitled Additional Characterization, Holiday Station Store #630. A single boring was advanced and completed as a monitoring well (B10MW) in the apparent downgradient direction from the January 2010 release. One soil sample was collected from the 3-5 foot interval, which was the interval with the highest PID reading. A second soil sample was collected near the groundwater interface. B3MW, B7MW, B8MW, and B10MW were sampled. There were no exceedances of criteria in either the soil or the groundwater samples. An additional round of groundwater sampling during the spring at these four wells will be requested.	Mcloone, Keatl
10/28/2011	Update or Other Action	Email to Holiday and their consultant indicating that another round of groundwater sampling in the spring is appropriate for this site. Will review the data once available to determine if any additional investigation is needed at this site.	Mcloone, Keatl
09/07/2012	Exposure Tracking Model Ranking	A new updated ranking with ETM has been completed for source area 77706 USTs.	Bernhardt, Richard
10/16/2012	Cleanup Complete Determination Issued	CC-IC determination issued.	Bernhardt, Richard
10/29/2012	Institutional Control Record Established	Institutional Controls established and entered into the database.	Bernhardt, Richard
11/01/2012	Report or Workplan Review - Other	Approved a workplan to decommission monitoring wells B1MW, B3MW, B4MW, B7MW, B8MW, and B10MW at HSS 630, as required by the October 16, 2012 Conditional Closure decision document.	Bernhardt, Richard
11/13/2012	Site Visit	Conducted a site visit to observe decommissioning of monitoring wells. All monitoring wells except B2MW, B5MW, B6MW, and B7MW were decommissioned. B7MW was supposed to have been decommissioned, but doing so would have affected the VES. Shannon & Wilson will address this issue by January 1, 2013.	Bernhardt, Richard
12/05/2012	Meeting or Teleconference Held	Met with Holiday (Bruce Anthony) and his consultants from Shannon and Wilson (Matt Hemry and Dan McMahon) to discuss progress toward terms of site closure. S&W requested an extension to decommission monitoring well B7MW because of difficulties described in the 13 Nov entry. An extension was granted, and the well will be decommissioned as soon as possible. (HSS 602, 606, WES #5004, and WES #5021 were also discussed).	Bernhardt, Richard
07/05/2013	Update or Other Action	Monitoring wells and the remediation system were decommissioned in accordance with ADEC guidance	O'Connell, Bill
08/13/2013	Institutional Control Compliance Review	IC compliance review conducted and staff changed from Richard Bernhardt to IC Unit. Reminder system set-up to follow-up with the responsible party in 2015.	Brown, Kristin

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Chevron - #9014**

Site Name:	Chevron - #9014
Address:	3608 Minnesota Drive; Anchorage, AK 99503
File Number:	2100.26.057
Hazard ID:	23570
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	Cook Inlet Marketing Group, Inc.
Latitude:	61.186959
Longitude:	-149.913797
Section:	
Meridian:	
Range:	
Township:	

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

Assessment in 1992 identified contamination at this site. Three gasoline, one used oil, and one heating oil tank removed in 1995. Gasoline soil and groundwater contamination and free product found. 854 tons of contaminated soil was removed and treated in 1995. Contamination extends off property to the south west onto properties on both sides of Spenard Road. A soil vapor extraction and air sparging system was installed and began operation in 1996. Site is also remediating and monitoring the adjacent impacted Thrifty Car Rental s (see Event ID #111). Drinking water wells in the area have been sampled and found no contamination. Semi-annual groundwater monitoring and operation of the remediation syster is to continue until confirmation soil and groundwater samples demonstrate that the site meets cleanup levels. F.K.A. L10.13

Action Information

Action Date	Action	Description	DEC Staff
09/07/1992	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77951 Site added to database.	Not Assigned,
09/07/1992	Site Added to Database		Not Assigned,
11/08/1994	Underground Storage Tank Site Characterization or Assessment	Site assessment review.	Not Assigned,
06/05/1995	Report or Workplan Review - Other	Reviewed quarterly and soil vapor extraction test reports.	Not Assigned,
06/09/1995	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	Free product recovery in monitoring wells.	Not Assigned,
07/13/1995	Leaking Underground Storage Tank Corrective Action Underway	Reviewed a corrective action plan for the installation of a soil vapor extraction/air sparging system.	Not Assigned,
01/29/1996	Report or Workplan Review - Other	Reviewed a corrective action report.	Not Assigned,
01/29/1996	Release Investigation	Reviewed a phase 1 site assessment and release investigation report.	Not Assigned,
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: CHEVRON PRODUCTS COMPANY, INC/PERMITS DESK	Not Assigned,
01/30/2001	Update or Other Action	Annual meeting with ADEC & Chevron to review Alaska sites and set goals for 2001. See meeting notes for details.	Nuechterlein, Linda
04/02/2001	Update or Other Action	Received well search submittal with analytical results from domestic supply wells. On January 19, 2001 three drinking water wells (3602 Greenland, 3900 Greenland, and 1801 McKinley) were sampled, on February 12, 2001 two more drinking water wells (3801 McCain and 3737 McCain)were sampled for BTEX, GRO, MTBE, 1-2DCA, and EDB. Only 3737 McCain had detectable contamination at 0.206 ug/l benzene (5 ug/l benzene drinking water standard). Only the 3900 Greenland and the 1801 McKinley drinking water wells appear to be in a downgradient direction about 900 feet away. The 3602 Greenland drinking water well is cross gradient but only about 200 feet away from the Chevron Service Station property. The apparently vacant house at 1805 McKinley was not sampled.	Nuechterlein, Linda
07/30/2001	Report or Workplan Review - Other	Groundwater monitoring report dated 7/30/01 submitted to DEC; also remediation system report dated 7/12/01.	Nuechterlein, Linda
09/16/2003	Update or Other Action	Approved reduction in groundwater monitoring	Weimer, Rober
02/05/2004	Update or Other Action	Conditional approval of workplan for off property assessment and monitoring well decommissioning.	Weimer, Rober
06/10/2004	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction/air sparging system operated 87% of the time. 6.6 pounds of GRO removed in this quarter.	Weimer, Rober
06/16/2004	Update or Other Action	Approved 1cy of drill cuttings to be treated at ASR.	Weimer, Rober
08/02/2004	Report or Workplan Review - Other	June 3, 2004 semi-annual groundwater monitoring. Up to 50 mg/l GRO and 2400 ug/l benzene. Plume appears to be stable.	Weimer, Rober
08/25/2004	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction/air sparging system was not operating due to electrical problems. To be repaired and restarted soon.	Weimer, Rober
10/22/2004	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction/air sparging was not operating due to electrical problems. To be repaired and restarted soon.	Weimer, Rober
10/22/2004	Report or Workplan Review - Other	Reviewed report on the installation of two additional monitoring wells (MW17 & MW18) to help define the extent of the groundwater contamination off property. MTBE soil contamination (0.32 mg/kg) found in the soil at 15 feet below ground surface in one of the monitoring wells.	Weimer, Rober
12/01/2004	Report or Workplan Review - Other	September 24, 2004 semi-annual groundwater monitoring. Up to 100 mg/l GRO and 6700 ug/l benzene. Concentrations appear to be increasing.	Weimer, Rober
01/25/2005	Update or Other Action	Approved 11 drums of BTEX contaminated soils to be thermally treated at ASR. This soil was generated from property transfer baseline site assessment borings.	Weimer, Rober
02/02/2005	Report or Workplan Review - Other	Reviewed the January 12, 2005 Baseline Site Assessment report. The report documents the results of 5 soil borings and 5 groundwater samples collected from the borings and temporary monitoring wells. In the areas assessed up to 11 mg/l GRO, 60 ug/l benzene, and non-detect MTBE was found in the groundwater. In the areas assessed up to 19 mg/kg GRO, 0.17 mg/kg benzene, and non-detect MTBE was found in the soil. The highest groundwater contamination results were found near the southwest dispenser island.	Weimer, Rober
02/22/2005	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction/air sparging was not operating due to electrical problems. To be repaired and restarted in early 2005.	Weimer, Rober
06/20/2005	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction/air sparging was repaired and operated 4% of the time. The system removed 0.4 pounds of benzene. To date the system has removed 8,797 pounds of GRO and 687 pounds of benzene.	Weimer, Rober
07/12/2005	Update or Other Action	RP proposes to expand remediation system in 2005 by adding additional Soil Vapor Extraction and Air Sparging wells.	Weimer, Rober
07/26/2005	Report or Workplan Review - Other	May 14, 2005 semi-annual groundwater monitoring. Up to 250 mg/l GRO, 4000 ug/l benzene, and 47 ug/l MTBE. Concentrations appear to be increasing. Groundwater flows to the southwest.	Weimer, Rober
08/04/2005	Update or Other Action	Meeting with Chevron to discuss future site work. Because of low recovery rates they plan to turn off the existing system and install an upgraded system in the Spring of 2006. They are to sample the two highest contaminated wells for EDB and 1,2-DCA. They are to abandon the obstructed monitoring well MW-9.	Weimer, Rober
09/08/2005	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction operated 93% of the time. The airsparge system was not operational. The system removed 7 pounds of GRO and 2.6 pounds of benzene. To date the system has removed 8,804 pounds of GRO and 689 pounds of benzene.	Weimer, Rober
09/08/2005	Update or Other Action	Approved request to suspend, until the system is upgraded in the spring of 2006, operation of the remediation system due to low recovery rates. Chevron will monitor for any rebound in groundwater contamination concentrations.	Weimer, Rober
11/22/2005	Report or Workplan Review - Other	Reviewed quarterly remediation system report. Soil vapor extraction operated 100% of the time. The airsparge system was not operational. The system removed 3 pounds of GRO and 1 pound of benzene. To date the system has removed 8,807 pounds of GRO and 691 pounds of benzene. An upgraded remediation system is to be installed in the spring of 2006.	Weimer, Rober
11/23/2005	Report or Workplan Review - Other	September 23, 2005 semi-annual groundwater monitoring. Up to 120 mg/l GRO, 2600 ug/l benzene, and 27 ug/l MTBE. Concentrations appear to be decreasing. Groundwater flows to the southwest. Depth to groundwater is 11 to 13 feet below ground surface.	Weimer, Rober
02/09/2006	Update or Other Action	Meeting with Chevron to discuss future site work. They are to sample the two highest contaminated wells for EDB and 1,2-DCA in 2006. They are having assess problems with placing additional monitoring wells off property. Remediation system upgrade scheduled for 2006. Also to install replacement well for monitoring well MW-15.	Weimer, Rober
08/22/2006	Update or Other Action	ADEC approves treatment of purge water.	Weimer, Rober
09/07/2006	Report or Workplan Review - Other	May 11, 2006 semi-annual groundwater monitoring. Up to 23 mg/l GRO, 1100 ug/l benzene, and 97 ug/l MTBE. Concentrations appear to be increasing in some wells. Groundwater flows to the southwest. Depth to groundwater is 12 to 15 feet below ground surface.	Weimer, Rober
09/07/2006	Update or Other Action	ADEC approves reduction of groundwater sampling of MW-1, MW-8, and MW-14 from semi-annual to annual.	Weimer, Rober
10/23/2006	Update or Other Action	ADEC approves treatment of purge water.	Weimer, Rober
10/30/2006	Update or Other Action	ADEC approves October 6, 2006 Work Plan for Additional Groundwater Characterization. The work plan proposes to collect natural attenuation groundwater data to help select the best remedial alternative for the on-property and off-property contamination.	Weimer, Rober
11/09/2006	Report or Workplan Review - Other	Second quarter 2006 Remediation System Status Report. Air Sparge/Vapor Extraction system is currently off and is scheduled to restart in July 2006. A work plan to upgrade the system is to be submitted in the future.	Weimer, Rober
11/09/2006	Report or Workplan Review - Other	First quarter 2006 Remediation System Status Report. Air Sparge/Vapor Extraction system is currently off and is scheduled to restart in July 2006. A work plan to upgrade the system is to be submitted in the future.	Weimer, Rober
01/12/2007	Report or Workplan Review - Other	Third quarter 2006 Remediation System Status Report. Air Sparge/Vapor Extraction system is currently off and is scheduled to restart in October 2006. A work plan to upgrade the system is to be submitted in the future.	Weimer, Rober
01/26/2007	Update or Other Action	Discuss site status with RP's consultant. They are working on various corrective action plans. We discussed looking at operating an airsparge/vapor extraction system on both sides of Spenard Road. They are also looking at possibly Chem-Ox injection.	Weimer, Rober

Action Information

Action Date	Action	Description	DEC Staff
10/31/1988	Site Visit	Citizen's complaint that during the construction of a water main along Chugach Street in the Summer 1987 that strong gasoline odors were encountered near the Olson's #1 gas station. ADEC State inspection on October 31, 1988 found site had surface contamination and could possibly a leaking underground storage tank site.	Not Assigned,
05/07/1990	Update or Other Action	ADEC letter to Randy Hahn of Korovin Corporation requesting site assessment of his facility. He has operated the service station since 1989.	Weimer, Rober
08/14/1990	Update or Other Action	Letter from State Department of Law to Randy Hahn's (Korovin Corporations) attorney, that Korovin Corporation as the operator of the Olson's Gas Service facility is liable for contamination at that site. The letter request that Korovin Corporation, as current operator of the facility, undertake assessment and any needed remediation as requested in the ADEC letter of May 7, 1990.	Weimer, Rober
11/27/1990	Update or Other Action	Tank tightness test was conducted on all of the tanks and lines at the site. All tanks and lines tested tight, but there is still evidence of contamination associated with the underground storage tank system.	Weimer, Rober
01/26/1993	Update or Other Action	ADEC receives notification that the service station closed on January 3, 1993, and the tanks had fuel pumped out to less than 1/2 inch of product in each tank.	Weimer, Rober
01/26/1993	Update or Other Action	ADEC letter to Randy Hahn of Korovin Corporation to conduct a release investigation for this site.	Not Assigned,
02/18/1993	Update or Other Action	The owner of a private well at 1204 West 36th Avenue says she will be having her well tested for possible fuel contamination.	Weimer, Rober
04/02/1993	Update or Other Action	Second ADEC letter to Randy Hahn of Korovin Corporation requesting a release investigation. He has operated the service station since 1989.	Weimer, Rober
06/25/1993	Update or Other Action	A Compliance Order was issued by EPA based on a June 25, 1993 facility inspection. The inspection found that 5 underground storage tank systems were out of compliance because they have out of service for more than 12 months and these tank systems need proper closure and site assessment.	Weimer, Rober
07/08/1994	Update or Other Action	EPA follow up letter regarding a Compliance Order was issued by EPA based on a June 25, 1993 facility inspection. The RP, Randy Hahn has still not complied with the order.	Weimer, Rober
05/05/1995	Update or Other Action	ADEC issues a Notice of Violation (NOV) to the current operator of the facility Alpina Auto Repair for numerous violations of the State underground storage tank regulations and Alaska Statues 46.03.405(2) and 46.03.380(b)(3).	Weimer, Rober
05/25/1995	Update or Other Action	ADEC approves a remedial investigation workplan. The plan proposes to remove and assess 8 underground storage tanks, 3 dispenser islands, and associated piping.	Not Assigned,
09/14/1995	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	LUST corrective action underway.	Not Assigned,
09/14/1995	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77909 ADEC receives notification that contaminated soil was encountered during the removal of the tanks and piping at this site.	Weimer, Rober
09/14/1995	Site Added to Database		Not Assigned,
09/19/1995	Underground Storage Tank Site Characterization or Assessment	Between September 13 and 19, 1995 nine underground storage tanks, and associated piping and dispensers were removed and assessed. Groundwater was encountered at 15.5 feet below ground surface. Up to 23,800 mg/kg DRO, 5,194 mg/kg GRO, 65.6 mg/kg benzene, and 540 mg/kg Lead remain in the in-situ soil at the site. 50 tons of diesel contaminated soil, 30 tons of gasoline contaminated soil, and 20 tons of used oil contaminated soils are currently stockpiled at the site.	Not Assigned,
10/26/1995	Leaking Underground Storage Tank Corrective Action Underway	ADEC approves thermal treatment of 50 tons of diesel contaminated soil and 30 tons of gasoline contaminated soil. The 20 tons of used oil contaminated soil needs further sampling.	Not Assigned,
10/27/1995	Update or Other Action	Randy Hahn of Korovin Corporation requests an emergency grant from the State Board of Storage Tank Assistance. The request is denied on November 27, 1995 because it does not meet emergency grant requirements.	Not Assigned,
11/09/1995	Update or Other Action	ADEC letter approves UST site assessment report, and requests submittal of a corrective action plan and release investigation workplan by December 9, 1995.	Not Assigned,
12/08/1995	Update or Other Action	ADEC receives workplan for release investigation and corrective action.	Weimer, Rober
01/12/1996	Update or Other Action	ADEC conditionally approves workplan for release investigation and corrective action.	Not Assigned,
02/09/1996	Update or Other Action	ADEC receives results of the air sparging and soil vapor extraction pilot test.	Weimer, Rober
05/17/1996	Release Investigation	On May 17, 1996 three monitoring wells were installed at this site. Up to 105 mg/kg DRO, 1,000 mg/kg GRO, 55.4 mg/kg benzene in the soil samples collected. Up to 47.4 mg/l DRO, 231 mg/l GRO, and 35.2 mg/l benzene in the groundwater. Depth to groundwater was between 10.77 to 12.08 feet below ground surface. Groundwater flow direction was to the northwest.	Weimer, Rober
06/10/1996	Update or Other Action	ADEC conditionally approves corrective action plan. The corrective action plan proposes installation of air sparge/vapor extraction system.	Weimer, Rober
06/21/1996	Update or Other Action	ADEC approves thermal treatment of ten drums of drill cuttings at ASR.	Weimer, Rober
09/13/1996	Update or Other Action	ADEC approves the thermal treatment of 1 drum of contaminated drill cuttings at ASR.	Weimer, Rober
09/25/1996	Update or Other Action	ADEC approves workplan for the installation of an air sparging/vapor extraction treatment system at this site.	Weimer, Rober
10/21/1996	Update or Other Action	ADEC letter requesting additional monitoring wells and pilot testing information by November 29, 1996.	Weimer, Rober
10/22/1996	Update or Other Action	ADEC approves the thermal treatment of 20 tons of used oil contaminated soil at ASR.	Weimer, Rober
11/18/1996	Report or Workplan Review - Other	November 18, 1996 groundwater monitoring event. Up to 32.6 mg/l benzene, 197 mg/l GRO, and 6.85 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the northwest. Depth to water was 9.15 to 11.2 feet below ground surface.	Weimer, Rober
11/29/1996	Report or Workplan Review - Other	ADEC receives results of soil vapor extraction pilot testing.	Weimer, Rober
01/15/1997	Update or Other Action	ADEC conditionally approves corrective action plan. The plan calls for continued operation of the soil vapor extraction system.	Weimer, Rober
04/11/1997	Update or Other Action	Talked with RP's consultant. She said no work has been done since November of 1996.	Weimer, Rober
05/09/1997	Report or Workplan Review - Other	May 9, 1997 groundwater monitoring event. Up to 28.6 mg/l benzene, 190 mg/l GRO, and 8.12 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the west. Depth to water was 5.7 to 9.87 feet below ground surface.	Weimer, Rober
05/28/1997	Update or Other Action	ADEC letter requesting corrective action and additional monitoring wells by June 30, 1997.	Weimer, Rober
06/19/1997	Report or Workplan Review - Other	Three additional monitoring wells (MW-4, MW-5, MW-6) were installed. Monitoring wells MW-5 and MW-6 were installed across the street to the west. Monitoring well MW-4 was installed on property in the northwest corner. Up to <0.0577 mg/kg benzene, 2.03 mg/kg GRO, and 7.04 mg/kg DRO in the soils. Up to 0.00657 mg/l benzene, <0.04 mg/l GRO, and 4.09 mg/l DRO in the groundwater in those 3 monitoring wells. The groundwater results are biased low because of failure to preserve the samples.	Weimer, Rober
07/01/1997	Update or Other Action	ADEC receives notification that 59.25 tons of contaminated soil was delivered to CleanSoils for thermal treatment. Also that the bioventing system was installed on June 29, 1997.	Weimer, Rober
11/07/1997	Report or Workplan Review - Other	November 7, 1997 groundwater monitoring event. Up to 20 mg/l benzene, 159 mg/l GRO, and 13 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the west by southwest. Depth to water was 10.5 to 12 feet below ground surface.	Weimer, Rober
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Operator: ALPINA AUTO REPAIR C/O RASIM KADIM	Not Assigned,
11/24/1997	Update or Other Action	Rasim Kadim called and said Randy Hahn is the repsonsible party for cost recovery.	Not Assigned,
01/20/1998	Report or Workplan Review - Other	RP submits results of the soil vapor extraction testing and air monitoring. The current system consists of underground piping using 4 wind turbines to extract vapors from the subsurface.	Weimer, Rober
02/20/1998	Report or Workplan Review - Other	February 20, 1998 groundwater monitoring event. Up to 24.0 mg/l benzene, 240 mg/l GRO, and 36 mg/l DRO in the groundwater. Monitoring well MW-3 had 0.05 feet (0.6 inches) of product. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the southwest. Depth to water was 11.04 to 12.93 feet below ground surface.	Weimer, Rober
04/13/1998	Report or Workplan Review - Other	Report on the free product recovery in monitoring well MW-3. Between 0.25 inches to 1.5 inches of product was observed prior to bailing. On April 6, 1998 the monitoring well only had a light sheen.	Weimer, Rober
06/18/1998	Report or Workplan Review - Other	June 18, 1998 groundwater monitoring event. Up to 19.0 mg/l benzene, 180 mg/l GRO, and 17.7 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Monitoring well MW-3 had a sheen on the groundwater. Groundwater flow direction was to the southwest.	Weimer, Rober
07/30/1998	Update or Other Action	ADEC letter approving reduction in groundwater monitoring for DRO. ADEC request collecting field measurements to determine the effective radius of influence of the existing remediation system.	Weimer, Rober
08/31/1999	Update or Other Action	ADEC approves thermal treatment of 9 drums of contaminated soil.	Weimer, Rober
06/01/2000	Report or Workplan Review - Other	Report of results of radius of influence study and May 17, 2000 groundwater monitoring results. Up to 30.8 mg/l benzene, 220 mg/l GRO, and 8.76 mg/l DRO in the groundwater. Contamination levels increased in one of the monitoring wells. A drinking water well at 3609 Spenard Road was sampled and was non-detect for VOCs, GRO, and DRO. Groundwater flow direction was to the west. Depth to water was 9.33 to 11.51 feet below ground surface.	Weimer, Rober

08/31/2000	Report or Workplan Review - Other	August 31, 2000 groundwater monitoring event. Up to 14.5 mg/l benzene, 187 mg/l GRO, and 9.12 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. A drinking water well at 3609 Spenard Road was sampled and was non-detect for VOCs, GRO, and DRO. Groundwater flow direction was to the west by northwest. Depth to water was 9.72 to 10.94 feet below ground surface.	Weimer, Rober
09/27/2000	Update or Other Action	ADEC letter noting that the overdue quarterly compliance order by consent quarterly reports submitted on August 3, 2000 were incomplete. Complete status reports are to be submitted by October 27, 2000.	Weimer, Rober
09/28/2000	Meeting or Teleconference Held	Meeting with RP's consultant to discuss future site work at Olson's #1 & #2 sites.	Weimer, Rober
10/17/2000	Report or Workplan Review - Other	Vapor extraction pilot test conducted at the site. Estimate radius of influence is 61 feet.	Weimer, Rober
01/05/2001	Report or Workplan Review - Other	January 5, 2001 groundwater monitoring event. Up to 21.7 mg/l benzene, 211 mg/l GRO, and 11.3 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the southwest. Depth to water was 10.13 to 11.92 feet below ground surface. The bioventing system (1/2 horsepower blower hooked up to 3 soil vapor extraction wells) continues operation.	Weimer, Rober
03/01/2001	Update or Other Action	On January 19, 2001 three of the drinking water wells were sampled and on February 8, 2001 the other two drinking water wells were sampled. All samples were non-detect except for the drinking water well at 3737 McCain that had 0.206 ug/l benzene (5 ug/l drinking water standard).	Weimer, Rober
04/19/2001	Update or Other Action	ADEC letter requesting continued groundwater monitoring, additional monitoring wells, supplemental drinking water well search and sampling, and utilities information.	Weimer, Rober
04/27/2001	Report or Workplan Review - Other	April 27, 2001 groundwater monitoring event. Up to 18.8 mg/l benzene, 202 mg/l GRO, and 11.7 mg/l DRO in the groundwater. Contamination levels decreased in the monitoring wells. Groundwater flow direction was to the west. Depth to water was 9.37 to 11.49 feet below ground surface. The bioventing system (1/2 horsepower blower hooked up to 3 soil vapor extraction wells) continues operation.	Weimer, Rober
06/01/2001	Report or Workplan Review - Other	A supplemental well search of drinking water wells within a 500 foot radius of the site was submitted. Five drinking water wells identified in that area. City water (AWWU) provides drinking water to most of the lots in the area.	Weimer, Rober
08/07/2001	Report or Workplan Review - Other	On August 7, 2001 a monitoring well was installed (MW-7). The soil samples were non-detect for BTEX, GRO, and DRO. The groundwater sample was non-detect for BTEX and GRO, but had 0.726 mg/l DRO.	Weimer, Rober
09/07/2001	Report or Workplan Review - Other	From September 4 through 7, 2001 additional contaminated soil was excavated in the former tank and dispenser areas. Up to 28.6 mg/kg benzene, 8,410 mg/kg GRO, and 9,520 mg/kg DRO left in the excavation after removal of 1,120 tons of contaminated soil that was thermally treated at ASR. Groundwater was encountered in the excavation at 12 feet below ground surface. Remediation piping and remediation access manholes were installed in the excavation before backfilling.	Weimer, Rober
10/30/2001	Report or Workplan Review - Other	October 30, 2001 groundwater monitoring event. Up to 15 mg/l benzene, 126 mg/l GRO, and 7.8 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the west. Depth to water was 9.1 to 12.25 feet below ground surface. Only the drinking water well at 3609 Spenard Road was sampled and it was non-detect for VOCs, GRO, and DRO.	Weimer, Rober
01/16/2002	Report or Workplan Review - Other	Report of the results of the March 25, 2002 sampling of two drinking water wells in the area. 3801 McCain Loop had 0.00051 mg/l methylene chloride, 0.00879 mg/l GRO, and <0.505 mg/l DRO and 3609 Spenard Road had 0.00054 mg/l methylene chloride, 0.00726 mg/l GRO, and <0.505 mg/l DRO. The trip blank contained detectable GRO at 0.00952 mg/l. They were not able to get a water sample for 3737 McCain Loop and 1204 Willshire Avenue.	Weimer, Rober
03/21/2002	Update or Other Action	ADEC letter conditionally approving workplan to conduct pilot testing for proposed remediation system, and to sample groundwater.	Weimer, Rober
05/09/2002	Report or Workplan Review - Other	May 9, 2002 groundwater monitoring event. Up to 7.07 mg/l benzene, 130 mg/l GRO, and 3.41 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the west. Depth to water was 8.86 to 10.95 feet below ground surface. Only the drinking water well at 3609 Spenard Road was sampled and it was non -detect for VOCs, GRO, and DRO. The report states that the other drinking water well residents were not available to have their wells sampled.	Weimer, Rober
06/07/2002	Report or Workplan Review - Other	Air sparging pilot test was conducted between May 31, 2002 and June 7,2002. Estimated radius of influence was 4 to 5 feet.	Weimer, Rober
08/26/2002	Report or Workplan Review - Other	August 26, 2002 groundwater monitoring event. Up to 4.48 mg/l benzene, 126 mg/l GRO, and 4.67 mg/l DRO in the groundwater. Contamination levels increased in some of the monitoring wells. Groundwater flow direction was to the west by northwest. Depth to water was 7.89 to 11.38 feet below ground surface. Only the on property drinking water well (at 3609 Spenard Road) was sampled and it was non-detect for VOCs.	Weimer, Rober
10/07/2002	Leaking Underground Storage Tank Corrective Action Underway	ADEC approves workplan for the installation of an airsparging/vapor extraction system at the site.	Weimer, Rober
12/18/2002	Update or Other Action	Two furthest downgradient monitoring wells have increasing contamination over cleanup levels. ADEC letter requests installation of additional monitoring wells to define extent of the contamination from this site by February 1, 2003. The letter also request submittal of the soil and groundwater results by March 1, 2003.	Weimer, Rober
01/23/2003	Report or Workplan Review - Other	January 23, 2003 groundwater monitoring event. Up to 1.88 mg/l benzene, 120 mg/l GRO, and 3.12 mg/l DRO in the groundwater. Contamination levels decreased in most of the monitoring wells. Groundwater flow direction was to the northwest. Depth to water was 7.96 to 11.4 feet below ground surface. Only the drinking water wells at 3609 Spenard Road and 3801 McCain Loop were sampled and they were both non-detect for VOCs and DRO.	Weimer, Rober
01/27/2003	Update or Other Action	ADEC letter approves workplan to install two additional monitoring wells.	Weimer, Rober
03/04/2003	Report or Workplan Review - Other	Two additional off property monitoring wells were installed on March 4, 2003. Soil samples collected were non-detect for BTEX, GRO, and DRO. The groundwater samples collected had up to 0.631 mg/l benzene, 37.9 mg/l GRO, and 1.36 mg/l DRO.	Weimer, Rober
04/10/2003	Report or Workplan Review - Other	April 10, 2003 groundwater monitoring event. Up to 1.40 mg/l benzene, 92.1 mg/l GRO, and 2.27 mg/l DRO in the groundwater. Contamination levels decreased in most of the monitoring wells. Groundwater flow direction was to the west. Depth to water was 8.12 to 11.52 feet below ground surface. Only the drinking water well at 3609 Spenard Road was sampled and it was non-detect for VOCs and DRO.	Weimer, Rober
05/05/2003	Update or Other Action	ADEC approves thermal treatment of 1 drum of drill cuttings at ASR.	Weimer, Rober
05/15/2003	Update or Other Action	Air sparge/vapor extraction system begins operation. The system includes 6 air sparge/vapor extraction wells.	Weimer, Rober
06/03/2003	Update or Other Action	ADEC letter requests installation of additional monitoring wells to define the extent of the groundwater contamination off-property by July 18, 2003, with the results of the soil and groundwater sampling by August 18, 2003. ADEC also requests that the drinking water well at 3801 McCain Loop be sampled as soon as possible because it was not sampled during the April 10, 2003 groundwater monitoring event.	Weimer, Rober
06/30/2003	Update or Other Action	ADEC approves a 1 month extension for the installation of additional monitoring wells to define the extent of the groundwater contamination off-property by August 18, 2003, with the results of the soil and groundwater sampling by September 18, 2003.	Weimer, Rober
09/30/2003	Update or Other Action	Meeting with RP's consultant. They confirmed that the remediation system is up and running. They said the have just completed another groundwater monitoring event (August 28, 2003).	Weimer, Rober
10/09/2003	Update or Other Action	Discussed with RP (Randy Hahn) that he can't wait until spring of 2004 to install additional monitoring wells requested, they need to be installed as soon as possible. He said that he intends to switch consultant on this site.	Weimer, Rober
12/08/2003	Report or Workplan Review - Other	Received August 28, 2003 groundwater monitoring event report. Up to 1.33 mg/l benzene, 118 mg/l GRO, and 2.28 mg/l DRO in the groundwater. Contamination levels decreased in most of the monitoring wells. Groundwater flow direction was to the west by southwest. Depth to water was 10.04 to 11.62 feet below ground surface. Air sparge/vapor extraction system is operating 24 hours a day. Only the drinking water wells at 3609 Spenard Road (on property well) and 3801 McCain Loop were sampled and they were both non-detect for VOCs and DRO.	Weimer, Rober
02/22/2008	Exposure Tracking Model Ranking	Site ranked on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
05/30/2008	Update or Other Action	Contacted RP to get information on site status. He said he will submit the most recent groundwater monitoring report. We discussed that as per the site COBC he needs to continue to do the monitoring, assessment, and cleanup of the sites.	Weimer, Rober
01/08/2009	Report or Workplan Review - Other	June 14, 2006 groundwater monitoring event. Up to 0.306 mg/l benzene, 31.5 mg/l GRO, and 2.21 mg/l DRO in the groundwater of the three monitoring wells sampled. Contamination levels increased in monitoring wells MW-3 for benzene and MW-4 for DRO from the previous monitoring event. Depth to water was 9.45 to 11.90 feet below ground surface. Groundwater flowed towards the west. Historically the groundwater has flowed to the southwest and northwest. On June 15, 2006 the system was adjusted from sparging and vapor extracting only AS-2/SVE-2 and AS-3/SVE-3 to AS/SVE wells 1, 4, 5, and 6 which resulted in a significant increase in SVE flow rate and contaminant concentration in the vapors according to the report. The air sparge/vapor extraction system (AS/VES) was operating 24 hours a day. An estimated 0.01 pounds of benzene and 2.57 pounds of GRO are being removed per day based on the June 19, 2006 air sample collected from the AS/VES system. No drinking water wells were sampled this monitoring event.	Weimer, Rober

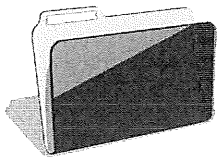
01/08/2009	Update or Other Action	Contacted RP to get information on site status. He said he will submit a work plan soon for conducting groundwater monitoring and remediation system monitoring and conduct the monitoring.	Weimer, Rober
01/12/2009	Update or Other Action	LUST site created in CSP database for source area 2001 UST system contamination, 78679	Weimer, Rober
01/12/2009	Institutional Control Record Established	Institutional Controls established and entered into the database.	Weimer, Rober
03/03/2009	Update or Other Action	ADEC conditionally approves Work Plan Proposal for 2009. They are to repair the soil vapor extraction system, operate/monitor the soil vapor extraction/air sparge system, monitor all 9 monitoring wells on a quarterly basis, sample the 4 nearby drinking water wells on a quarterly basis, submit quarterly Compliance Order By Consent (COBC) reports, and install/sample additional monitoring wells to help define the extent of the contamination from this site. The results of the additional monitoring wells are to be submitted by May 17, 2009. The quarterly COBC and groundwater/drinking water monitoring are to be submitted by May 2, 2009.	Weimer, Rober
08/14/2009	Report or Workplan Review - Other	On August 7, 2009 received at report of the June 18, 2009 groundwater sampling of six monitoring wells (MW-2, MW-3, MW-4, MW-5, MW-7, and MW-9), and two drinking water wells (3801 McCain Loop Road and 3609 Spenard Road). They could not get access to sample the drinking water wells at 3737 McCain Loop and 1204 Willshire Avenue. Up to 470 ug/l benzene, 1640 ug/l ethylbenzene, 49 mg/l GRO, and 3.85 mg/l DRO were found in the monitoring wells sampled. Monitoring well MW-4 had the highest concentrations of benzene and GRO since it was installed in 1997. The two drinking water wells were non-detect for VOC's, GRO, and DRO. Depth to water was 9.31 to 11.38 feet below ground surface. Groundwater flow direction was toward the west. Three of the monitoring wells and two of the drinking water wells were not sampled during this event.	Weimer, Rober
09/11/2009	Update or Other Action	Discuss site with RP's consultant. Discuss ADEC letter to be sent out today. ADEC letter dated 9/11/09 requests monitoring of all 9 monitoring wells on a quarterly basis for BTEX, GRO, and DRO; sampling the 4 nearby drinking water wells on a quarterly basis for VOCs (524.2), GRO, and DRO; submit quarterly Compliance Order By Consent (COBC) reports; install/sample 2+ additional monitoring wells to help define the extent of the contamination from this site; and operation of the sites air sparging system. The results of the additional monitoring wells are to be submitted by November 20, 2009. The quarterly COBC, operation of the air sparge system, and groundwater/drinking water monitoring are to be submitted by November 1, 2009. The letter requests a minimum of 3 more quarterly events before evaluation for reduction in groundwater monitoring. The ADEC letter noted several additional violations of the COBC and 18 AAC 78 by the RP for failure to conduct work and submit reports as requested.	Weimer, Rober
08/06/2010	Update or Other Action	To date the responsible party has not submitted any of the information or site work requested in the September 11, 2009 letter.	Weimer, Rober
01/21/2011	Report or Workplan Review - Other	Received information on a Phase I Assessment that was done on the property across the street at 3604 Spenard Road. They also installed 4 monitoring wells and sampled them in December 2010 or January 2011. They showed up to 139 ug/l benzene and 12 mg/l GRO in the groundwater. The highest concentrations were to the north and south of monitoring well MW5 that is also on the 3604 Spenard Road property in 1997. MW5 had 123 ug/l benzene and 6.14 mg/l GRO when last sampled on June 18, 2009.	Weimer, Rober
10/28/2011	Update or Other Action	To date the responsible party has not submitted any of the information or site work requested in the September 11, 2009 letter.	Weimer, Rober
11/08/2011	Update or Other Action	On November 8, 2011 the Alaska Department of Law sent a letter to Randy Hahn (property owner and RP) giving him Notice of Potential Liability. The letter requests payment of unpaid state oversight costs and requests he conduct the site work requested by DEC. The letter notes potential attorney fees and COBC penalties for past and current violations.	Weimer, Rober
11/15/2011	Update or Other Action	ADEC letter dated November 15, 2011 requests monitoring of all 9 monitoring wells on a quarterly basis for BTEX, GRO, and DRO; sampling the 4 nearby drinking water wells on a quarterly basis for VOCs (524.2), GRO, and DRO; submit quarterly Compliance Order By Consent (COBC) reports; install/sample 2+ additional monitoring wells to help define the extent of the contamination from this site; and operation of the sites air sparging system. The results of the additional monitoring wells are to be submitted by January 19, 2012. The quarterly COBC submitted by November 25, 2011. The operation of the air sparge system by December 19, 2011, and groundwater/drinking water monitoring are to be submitted by January 19, 2012. The letter requests a minimum of 3 more quarterly events before evaluation for reduction in groundwater monitoring. The ADEC letter noted several additional violations of the COBC and 18 AAC 78 by the RP for failure to conduct work and submit reports as requested.	Weimer, Rober
07/22/2012	Brownfield Inventory	Site added to brownfield inventory.	Carnahan, Joh
07/23/2012	Brownfield Confirmed	Received approval from Mary Goolie that the site is eligible for brownfield funding through DEC's STRP Program. Site is proposed for Phase I and general evaluation of cleanup requirements.	Carnahan, Joh
10/01/2012	Report or Workplan Review - Other	Final report consisting of 'Phase I ESA' submitted and approved by R&R Program.	Carnahan, Joh
10/31/2012	Report or Workplan Review - Other	Final report consisting 'Additional Environmental Assessment Report,' received and approved by R&R Program.	Carnahan, Joh
01/15/2013	Update or Other Action	Additional site assessment activities proposed through R&R (brownfield) program to support CIHA evaluation of property prior to potential purchase.	Carnahan, Joh
02/05/2013	Meeting or Teleconference Held	Meeting with CIHA, S&W, and DEC staff to discuss potential assessment activities at the site. Review information to date, recent assessment and Phase I, and discuss potential site activities in future Site Assessment through R&R (brownfield) Program.	Carnahan, Joh
02/19/2013	Report or Workplan Review - Other	DEC approves the February 15, 2013 site characterization work plan from the prospective purchasers consultant. The plan proposes to sample 6 soil borings, install 3 monitoring wells, sample the 3 new and 7 existing monitoring wells, sample the 5 drinking water wells in the area, and to install and sample 3 sets of 2 nested soil gas sampling points.	Weimer, Rober
03/13/2013	Report or Workplan Review - Other	Phase I Environmental Site Assessment conducted in August/September 2012. On August 17, 2012 a site walk through was conducted. The report noted that structures were on the property prior to natural gas and city sewer and water service.	Weimer, Rober
03/13/2013	Conceptual Site Model Submitted	CSM submitted by prospective purchaser. The CSM identified current exposure pathways for surface soil, subsurface soil, groundwater, indoor air and outdoor air.	Weimer, Rober
05/03/2013	Update or Other Action	DEC receives notification that additional site characterization work has started by the prospective purchaser. The work includes sampling 6 soil borings, installing 3 monitoring wells, sampling the 3 new and 7 existing monitoring wells, sampling the 5 drinking water wells in the area, and to installing and sampling 3 sets of 2 nested soil gas sampling points. Groundwater analysis is to include BTEX, GRO, DRO, and VOCs (method 8260B) in select wells. Drinking water well analysis is to include GRO, DRO, and VOCs (method 524.2). Soil analysis is to include GRO, DRO, RRO, and VOCs (method 8260B), with select locations also analyzed for PAHs, RCRA metals, and PCBs.	Weimer, Rober
06/18/2013	Offsite Soil or Groundwater Disposal Approved	DEC approves the off-site treatment/disposal of two drums of contaminated purge water and three drums of contamianted soil cuttings that were generated during the May 2-3, 2013 sampling conducted by the prospective purchasers consultant. The water will be treated at Emerald and the soil will be disposed of at Columbia Ridge Landfill.	Weimer, Rober
08/14/2013	Update or Other Action	On August 14, 2013 DEC signs a Prospective Purchaser Agreement (PPA) with Cook Inlet Housing Authority (CIHA). The PPA calls for CIHA to submit a groundwater monitoring well and drinking water well sampling plan by October 1, 2013, a work plan for additional cleanup and site characterization by May 1, 2014, and implement the cleanup and site characterization work plan by July 1, 2014.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **L & L Mobile Home Court**

Site Name:	L & L Mobile Home Court
Address:	1003 Chugach Way at Cope Street Anchorage, AK 99517
File Number:	2100.38.049
Hazard ID:	3901
Staff:	IC Unit - 9074655229
Status:	Cleanup Complete - Institutional Controls
Landowner:	Charles F. McAlpine
Latitude:	61.186667
Longitude:	-149.901500
Section:	25
Meridian:	Seward
Range:	4
Township:	13



Institutional Controls Report

Problem / Comments

Previous heating oil system consisted of an AST at the adjacent Kathy Estates Trailer Court and an associated 1 inch steel piping buried at a depth of 16 to 18 inches below ground surface which distributed heating oil to the trailers at the L and L Trailer Court. The heating oil line entered the property at the northeast corner. This system was abandoned in place 1975 when natural gas was piped into the trailer park. Access roads on the property historically were oiled on an annual basis. A break in the heating oil line occurred at an unknowr date that spilled an estimated 2 gallons of fuel. Surface staining was observed on site where a grader is parked and areas where engine parts and oil are stored. NFRAP in place un the GW and soil at the GW interface can be demonstrated to be below soil and GW cleanup levels for DRO. Groundwater is approximately 6 feet below ground surface. Anchorage Water and Wastewater Utility does not service this property with drinking water. Drinking water is obtained from a well on the property. Based on the MOA Property Appraisal web si the subject property was sold by Holy Rosary Academy to Charles F. McAlpine. The date of the deed change was 5/11/06.

Action Information

Action Date	Action	Description	DEC Staff
06/25/2002	Site Characterization Report Approved	The department received a copy of the Shannon & Wilson, Inc. report "Phase I and Limited Phase II Einvironmental Assessment, Lot 1, Block C, Spenard Acres Subdivision, Anchorage, Alaska" dated June 2002 documenting groundwater contamination of 1.53 mgL DRO and soil contamination of 1020 mg/kg DRO. Report recommended further characterization. The department also received a copy of the trailer court drinking water well sampling results from Northern Testing Labs dated 6/20/02 that were collected by Mr. Cain and sumbitted to the lab on 6/5/02. The results look fine.	Stergiou, Elizabeth
07/17/2002	Site Added to Database	Actual spill date unknown. Date first samples were collected was used.	Stergiou, Elizabeth
08/22/2002	Update or Other Action	Reviewed the August 13, 2002 work plan entitled "Phase II Environmental Site Assessment Work Plan, L & L Mobile Home Park, Anchorage, Alaska" prepared by Shannon & Wilson, Inc. for Mr. Lester Cain, received by the department 8/15/02. The objective of the subject work plan is to excavate the diesel impacted soil in the northeast section of the property contamination, the installation of three monitoring wells near the location of previous borings. ADEC did not approve the work plan and requested the following: An updated diagram that includes the proposed location of the contaminated soil stockpile, a description of the proposed screening depth and slot size for the three monitoring wells, and characterization of the contamination found at boring B1 contamination above cleanup levels, and a quarterly drinking water monitoring plan for the drinking water well located on the property.	Stergiou, Elizabeth
09/23/2002	Site Characterization Workplan Approved	The September 17, 2002 Shannon & Wilson, Inc. "Revised Phase II Environmental Site Assessment Work Plan", received by the department 9/19/02 is approved. The Department offers the following comments and recommendations: physically measuring the distance from the proposed stockpile location to Fish Creek to ensure compliance with 18 AAC 75.370(a)(2)(A). If the proposed stockpile location is not more than 100 feet from Fish Creek, then an alternative stockpile location will need to be submitted to the Department for approval. It is recommended the pipeline near the location of boring B1 be assessed as a potential source for the contamination at boring B1.	Stergiou, Elizabeth
09/26/2002	Site Characterization Workplan Approved	Approved the Shannon & Wilson, Inc. "Addendum to the Revised Phase II Environmental Site Assessment Work Plan, L & L Mobile Home Park" dated September 24, 2002. The addendum proposes that a total of three monitoring wells will be installed and test pits will be excavated near the location of boring B1 in addition to the excavation proposed in the Revised Phase II Environmental Site Assessment Work Plan.	Stergiou, Elizabeth
10/23/2002	Report or Workplan Review - Other	The department received a copy of the trailer court drinking water well sampling results for DRO from Northern Testing Labs dated 10/21/02 that were collected by Mr. Cain and sumbitted to the lab on 10/2/02. The results look fine.	Stergiou, Elizabeth
11/25/2002	Offsite Soil or Groundwater Disposal Approved	Approved the transport and disposal of 5 cubic yards of DRO contaminated soil to the Municipality of Anchorage (MOA) landfill requested by Shannon & Wilson, Inc. DRO sample result was 729 mg/kg. The MOA approved the transfer and disposal in a letter dated 11/12/02 and received by the department 11/14/02. Deadline for approval is 12/12/02.	Stergiou, Elizabeth
12/11/2002	Update or Other Action	The department received a MOA copy of an approval letter sent in response to a Shannon & Wilson, Inc. request to extend the deadline for disposal of DRO-contaminated soil at the MOA Regional landfill from 12/12/02 . The new deadline is 12/31/02.	Stergiou, Elizabeth
12/24/2002	Site Characterization Report Approved	Reviewed the Shannon & Wilson, Inc. "Phase II Environmental Site Assessment and Cleanup" report dated December 2002, received by the department 12/12/02, documenting the installation and sampling of three monitoring wells, excavation and sampling of three test pits, and excavation and sampling of one source area. The Department requests further site characterization of the soil around MW1 and test pit 2 where diesel range organics results were 940 mg/kg and 373 mg/kg respectively. It is recommended groundwater monitoring continue on a quarterly basis for at least one more quarter.	Stergiou, Elizabeth
03/18/2003	Site Characterization Workplan Approved	Staff reviewed the Shannon & Wilson, Inc. "Site Characterization and Groundwater Monitoring" report dated 3/10/03, received by the department 3/13/03. The plan proposes drilling and sampling of four borings near contamination found in the area of MW1 and test pit 2, and collection and analysis of groundwater samples from the three onsite monitoring wells. The plan is approved with the following comments. 1. The proposed boring located in the road, and the more south of the two borings in the road, could be moved to the area just north of the trailer that is just north of MW1 and test pit 2, and north of MW1. 2. The number and location of the proposed borings may, or may not, be adequate to determine the horizontal or vertical extent of contamination. Further sampling may be necessary. 3. The final report should include a table of the field screening results and locations in addition to the analytical sample information. 4. The Department requests that the soil stored from 2002 be disposed as soon as possible or transferred to a longer term storage cell.	Stergiou, Elizabeth
06/10/2003	Record of Decision	A record of decision was issued that recognized the nature and extent of contamination (DRO) remaining at the site was minimal and required no further action. However, monitoring MW 1 until it meets Table C levels was required.	Frechione, Jim
06/10/2003	Institutional Control Record Established	Decision document identified low levels of soil and groundwater contamination. Database entry was appropriate until 18 AAC 75 soil and groundwater cleanup levels were achieved. Groundwater monitoring was required.	Frechione, Jim
06/10/2003	Conditional Closure Approved	A combination NFRAP and ROD letter was sent to the RP. No further action was required provided they continued to monitor MW1 until it achieved Table C levels.	Frechione, Jim
06/13/2003	Long Term Monitoring Established	The contaminant levels were minimal - soil at 694 ppm DRO and groundwater at 1.65 ppm DRO. A deed notice was not considered necessary and the IC consisted of continued monitoring of GW until it achieves Table C level and database entry identifying issues.	Frechione, Jim
06/13/2003	Update or Other Action	The RP agreed to sample the drinking water well in July 2003 and then sample the monitor (MW1) and drinking water well in July 2004.	Frechione, Jim
03/21/2006	Update or Other Action	Received a call from a financial institution working with a potential prospective purcahser of the property. Reviewed the file to get up to date and respond to the call. Prepared and mailed a letter to the RP requesting a Workplan for Monitoring and Drinking Water Well Sampling as a condition of the site ROD and NFRAP.	Petrik, Bill
03/23/2006	Update or Other Action	Lester Cain of 4703 Malibu Road, 99517 (243-0601) called today and stated he received the Contaminated Sites Program's recent letter. He noted that he sold the property as is with the new owners Holy Rosary Academy knowing full well that the site was still contaminated and needed GW monitoring. He provided the NFRAP letter to them thru the realtor Charles McAlpine. He sold it in 2/04 after the NFRAP was issued. I told him that the Contaminated Sites Program would track down the new owners and resend the letter. Lester noted that if he can offer more information he would. He did state that the property is contaminated because of a fuel line leak off property on Arctic.	Sundet, Rich
04/18/2006	GIS Position Updated	Updated the site coordinates using TopoZone Pro in conjunction with site maps and figures from Shannon & Wilson, Inc. reports. Used High-Resolution Urban Aerial Photography plotted at 1:3,333 Scale on a Large Size Map with No Topographic Base Map. Coordinates are for approximate location of MW-1, centroid of contamination. High degree of confidence in coordinates obtained. Can only be improved with a GPS on site.	Petrik, Bill
04/20/2006	Update or Other Action	Requested a work plan for Monitoring and Drinking Water Well Sampling. Drinking Water Program sampling requirements are attached to the on-site Public Supply Well ID 210396. Reports have not been submitted to the department since 6/5/02. MW-1 was last sampled on 10/2/02 by Lester Cain and analytical results received by the department on 10/23/02.	Petrik, Bill
10/11/2006	Update or Other Action	The CSP sent a letter to the new landowner of the L & L Mobile Home Court in Anchorage informing him that as a new landowner he is considered a liable party for the site contamination and conditions. The letter also informed him of the CSP condition that the on site public water supply well requires quarterly DRO sampling until contamination is below 18 AAC 75.345 cleanup level and requested a work plan to perform this task. The CSP also informed him that the department's Drinking Water Program required quarterly monitoring for VOCs.	Petrik, Bill
11/17/2006	Update or Other Action	Telephoned Mr. McAlpine and discussed the requests outlined in the 10/11/06 letter from the CSP to him. Subsequently, I received a phone call from Jana Littlewood of Anchorage Well and Pump (AWP). She is the Certified Operator for the Public Water Supply Well on the site. Jana indicated that they will be sampling for VOCs on a quarterly basis starting the week of 11/20/06. She was not aware of the need to sample MW-1 for DRO and will look at the 10/11/06 letter from the CSP to see whether AWP can compile a work plan and perform the work.	Petrik, Bill
01/09/2007	Potentially Responsible Party/State Interest Letter	The Contaminated Sites Program (CSP) sent a letter to Mr. Lester Cain regarding the department's Intent to Cost Recover regarding L & L Mobile Home Court in Anchorage. Mr. Cain was the owner when the contaminated site was originally brought to the department's attention. The property has subsequently changed hands twice since Mr. Cain owned it. No communication of the department's need to cost recover was previously sent to Mr. Cain although it was sent to the two subsequent owners. A carbon copy of the letter was also sent to the two subsequent land owners as well as Lori Barnett of our department and Pam Post of the Department of Law.	Petrik, Bill
02/08/2007	Exposure Tracking Model Ranking	Initial ranking with ETM completed for source area id: 78118 name: MW-1, B1TMW and nearby area; Test Pit TP2, Boring B2, and Subsurface Samples SS2 and SS4. Despite being in a Conditional Closure Status the site does not have any institutional controls assigned to it and still poses a potential risk to the PWS on site.	Petrik, Bill
06/18/2007	Update or Other Action	Received a cc'd email this date that was dated 6/15/07 10:14 PM from Jana Littlewood, Water System Administration, Anchorage Well & Pump Service, Inc. to the RP, Mr. Charles McAlpine. The email was a site status update. Quarterly VOC testing is being performed for Drinking Water Program requirements. The email recommends that the RP contract with Shannon & Wilson to complete requests by the CSP for a work plan for monitoring of DRO in MW-1 and submission of a CSM.	Petrik, Bill
10/03/2008	Exposure Tracking Model Ranking	A new updated ranking with ETM has been completed for source area id: 78118 name: MW-1, B1TMW and nearby area; Test Pit TP2, Boring B2, and Subsurface Samples SS2 and SS4.	Petrik, Bill

04/30/2009	Meeting or Teleconference Held	Hosted a meeting with Dan Beek of Beek's Contracting Inc. and his associate Charlie who are potentially interested in buying the subject property that the site is located on. They wanted to discuss the site status and remaining CS Issues as they are interested in potentially buying the property. Leticia Tadina of the Public Water Supply (PWS)Section also attended the meeting to address concerns about the on-site PWS that is currently out of compliance for arsenic due to the recently implemented water quality regs.	Petrik, Bill
02/16/2012	Update or Other Action	Staff changed from Bill Petrik to IC Unit.	Brown, Kristin
11/05/2012	Institutional Control Compliance Review	IC review conducted and the reminder system initialized in order to follow up on drinking water sampling.	Reese, Evonne
06/04/2013	Update or Other Action	Transferred to Juneau office 6-3-2013	Ariel, Annie
06/10/2013	Institutional Control Update	An IC reminder letter was issued to the responsible party on this date (6/10/2013).	Brown, Kristin

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **South Park Trailer Court**

Site Name:	South Park Trailer Court
Address:	SW Corner Benson and Arctic Anchorage, AK 99503
File Number:	2100.38.454
Hazard ID:	4116
Staff:	Eileen Olson - 9072697527
Status:	Active
Landowner:	
Latitude:	61.194722
Longitude:	-149.896111
Section:	25
Meridian:	Seward
Range:	004
Township:	013

Institutional Controls Report
No ICs exist for this site.

3007 Arctic

Problem / Comments

Soil contaminated by diesel range organics associated with past heating oil use at this mobile home park was documented during environmental investigations done by the prospecl purchaser in February 2005. Groundwater encountered at a depth of about 10 to 12 feet bgs and was found to be contaminated by DRO and benzene above cleanup levels; howevi the consultant believes it is likely that groundwater contamination has migrated onto the site from an offsite source. A soil sample collected at a depth of 10 to 12 feet below the grou surface (bgs) had 1,450 parts per million (ppm) of diesel range organics (DRO) which exceeds the ADEC cleanup criteria for DRO in soil of 250 ppm. Site address described as 300 Arctic Boulevard in submittals to Department (2005). Using static water levels measured in the four permanent groundwater monitoring wells, the local groundwater flow was determined to be toward the north-northwest. Additional investigations are needed to determine whether the soil and groundwater contamination observed on site is due to an offsite source. A drinking water well survey was performed by the consultant in February 2005 to investigate potential users of the groundwater immediately downgradient of the Property. Three drinking water wells were identified along the west side of Bering Street just north of 30th Avenue The Property encompasses an area approximately 258,126 square feet and consists of 36 individual trailer court lots with 34 contiguous and 2 non-contiguous lots.

Action Information

Action Date	Action	Description	DEC Staff
03/11/2005	Site Added to Database	DRO.	Cunningham, Sarah
03/11/2005	GIS Position Updated	TopoZone Pro. NAD27.	Cunningham, Sarah
03/11/2005	Update or Other Action	File number issued 2100.38.454.	Blandford, Agg
10/19/2005	Update or Other Action	Approved transport and remediation of two drums of investigation-derived DRO-contaminated soil to Alaska Soil Recycling. Changed site name from one word to two words "South Park" as used by owner.	Olson, Eileen
11/04/2005	Update or Other Action	Rec'd October 2005 "Phase II ESA and Release Investigation, South Park Trailer Court, 3007 Arctic Boulevard, Anchorage, Alaska".	Olson, Eileen
04/04/2007	Update or Other Action	ADEC letter sent providing notification of cost recovery requirements.	Olson, Eileen
04/13/2007	Report or Workplan Review - Other	ADEC review letter sent for "Phase II ESA and Release Investigation, October 2005" received Nov. 4, 2005. The report documented fuel contamination of soil and groundwater, with DRO and benzene concentrations exceeding site cleanup level. The contamination appears to be associated with an onsite, underground piped fuel distribution system that was abandoned in place. The full extent of the contamination has not been defined. ADEC's review letter requests a plan for additional site assessment, a drinking water well search, removal of all accessible heating fuel pipelines and evaluation of the associated pipeline corridors at the time of removal, and a sampling and analysis plan for the existing monitoring wells. ADEC also requested a copy of the Phase I ESA referenced in the subject report.	Olson, Eileen
04/13/2007	Update or Other Action	Initial ETM ranking done.	Olson, Eileen
04/13/2007	Exposure Tracking Model Ranking	Intitial Ranking Complete for Source Area: 75089 (Autogenerated Action)	
05/02/2007	Update or Other Action	ADEC recd check for cost recovery, transmitted to project manager and file on April 27, 2007.	Olson, Eileen
10/03/2007	Update or Other Action	Work plan received dated 9/12/2007 titled "Release Investigation and Groundwater Monitoring, South Park Trailer Court, 3007 Arctic Blvd." The plan proposes installing one additional monitoring well and collecting groundwater samples from 3 monitoring wells and a drinking water well. Two of the three wells were chosen for sampling because target analytes were detected in the wells during hte August 2004 sampling event. The third monitoring well proposed for sampling was chosen because it is closest to the drinking water well to be sampled.	Olson, Eileen
04/07/2009	Report or Workplan Review - Other	ADEC issued letter approving work plan dated September 12, 2007.	Olson, Eileen
04/17/2009	Update or Other Action	ADEC received "Phase I Environmental Site Assessment . . . February 2005". ADEC requested the report in past correspondence; most recently in the plan review letter dated April 7, 2009.	Olson, Eileen
05/04/2009	Meeting or Teleconference Held	Staff met at the site with responsible party representatives, consultant Shannon & Wilson, and neighboring property owners (Nancy Starn and son Bill Starn) to review the prospective location of a monitoring well on the neighbors' property. Staff learned during the meeting that the home closest to a contaminated groundwater monitoring home is served by a well, but the well is located considerably further from the home than was previously thought, so the placement of a monitoring well between the home and the contaminated monitoring well is warranted but there is less reason for concern that shallow aquifer groundwater contamination might impact the drinking water well, reported to be over 100 feet deep. The neighbor expects to be able to provide a boring log for the drinking water well, and is also looking into records to find the location of a former underground heating oil fuel storage tank array that she believes to be nearby.	Olson, Eileen
11/12/2009	Update or Other Action	Received report "Groundwater Monitoring, 3007 Arctic Boulevard" dated August 26, 2009 documenting the repair and surveying of on-site monitoring wells and sampling and measuring hte water level depth for select on-site wells on May 7, 2009. Free-phase product was present in Well B6MW and product recovery from the well was evaluated over a 14-week period following the May sampling. A second well (B5MW)exceeds cleanup levels for DRO and benzene.	Olson, Eileen
01/28/2010	Report or Workplan Review - Other	ADEC letter sent requesting a plan to resume groundwater monitoring, measurement and removal of free product (where present) from wells, and a proposed schedule for groundwater monitoring schedule for all wells at the site, with monitoring to begin no later than May 15,2010.	Olson, Eileen
08/31/2010	Update or Other Action	Consultant reported on this date that on August 27, 2010, 5 of the 8 existing monitoring wells were located on the property and vicinity. Monitoring Wells B9MW and B11MW could not be located, and Well B6MW contained 0.47 foot free-phase product. The free-phase product thickness was reduced to 0.02 foot in Well B6MW after bailing approximately 2.5 gallons of product/water mixture. Groundwater samples were collected from five wells (Wells B4MW, B5MW, B7MW, B8MW, and B10MW), which were located and did not contain product. Monitoring and recovering product from Well B6MW will be continued on a weekly basis.	Olson, Eileen
01/06/2012	Update or Other Action	Received "Groundwater Monitoring and Product Recovery, 3007 Arctic Boulevard, Anchorage" report dated December 20, 2011. The report notes that Bering LLC owns Block 6, Lots 5-8, and Greenland LLC owns Block 6, Lots 2,3,4,9.10 and 11 and Block 10, Lot 1. The report summarizes past environmental actions at the site and reports on two groundwater monitoring events, the first of wells B4MW, B5MW, B6MW, B7MW, B8MW and B10MW on August 27, 2010 and the second of wells B5MW and B8MW on May 26, 2011 as proposed in the approved work plan. The groundwater in B6MW was not sampled as it contained free product; however product monitoring and removal from well 6 were performed from August 27, 2010 through August 9, 201l with the free product thickness measurable and diminishing over time during 18 monitoring events until the last event on August 9, 2011 when there was no measurable product but a sheen was present.	Olson, Eileen
05/22/2013	Meeting or Teleconference Held	Staff met with owner and environmental consultant EMI to discuss next steps in completing site characterization.	Olson, Eileen

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **AFSC Former Cross-town Pipeline, Arctic & Tudor release**

Site Name:	AFSC Former Cross-town Pipeline, Arctic & Tudor release
Address:	4100 Arctic Boulevard NW Corner Tudor & Arctic Anchorage, AK 99503
File Number:	2100.38.438
Hazard ID:	2018
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	ADOT&PF - Anchorage
Latitude:	61.181667
Longitude:	-149.896111
Section:	25
Meridian:	Seward
Range:	004
Township:	013

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

During the investigation of a leaking underground storage tanks at the Texaco station on the corner of Tudor and Arctic -- free product was identified. The free product was identifiec a jet A. A May 2000 investigation found that the jet A pipeline that operated from 1962 to 1999 had leaked from a faulty weld. Product has migrated 150 feet to the east, 145 feet to t southwest, and 160 feet to the northwest of the leak point (northwest corner of Arctic and Tudor intersection).This includes the southeast corner of the Idle Wheels Mobile (Home) Court. An additional product recovery well was installed on September 2002, also two in 2003, and two more in 2005. Through September 2010, 13,600 gallons of product have bee recovered, and up to 1.38 feet of product remain in several monitoring wells. Last staff assigned were Weimer, Frechione, and Olson. Note that AFSC stands for Anchorage Fueling and Service Co., a sister company to Signature Flight Support. In essence, AFSC is the company that owns pipelines and facilities; Signature is the operating company. AFSC is no called ASIG (Aircraft Service International Group). Creech Subdivision. The elevation is ~30 meters (~98 feet).

Action Information

Action Date	Action	Description	DEC Staff
05/01/1989	Leaking Underground Storage Tank Corrective Action Underway	A release of 3,000 gallons of gasoline was discovered and corrective action was employed by Storage Tank Program at nearby Texaco gas station.	Weimer, Rober
04/08/1994	Update or Other Action	Date that free product was first observed in monitoring wells (product later disappeared and reappeared in wells).	Olson, Eileen
12/08/1999	Update or Other Action	Geo Engineers report summarizing groundwater monitoring from the wells installed by Texaco (Equiva) that identify the free product as jet fuel originating from a source other than the gas station.	Frechione, Jim
12/30/1999	Site Added to Database	Jet fuel product floating on the groundwater identified at the intersection of Arctic and Tudor. The source is the former AFSC Cross-Town Pipeline. The pipeline stopped operation in 1999.	Frechione, Jim
05/26/2000	Site Characterization Workplan Approved	Plan approval letter sent for characterization of soils associated with an approximately 500 foot length of pipe which will be removed in 50 foot sections. Consultants for both Signature and Texaco will be observing the excavation and screening and sampling soils.	Olson, Eileen
05/30/2000	Site Visit	Staff visited the site on 5/27/00 and 5/28/00 during removal of 500 feet of pipeline. Contamination was evident in one area where a concrete electronics utilador crosses over the pipeline, on Arctic, just north of the Tudor intersection.	Olson, Eileen
06/22/2000	Meeting or Teleconference Held	Teleconference with Tom Mushovic and Laurie Butler of Signature attended by ADEC representatives Jim Frechione and Eileen Olson. Mushovic informed staff that Signature is taking responsibility for investigation and cleanup of contamination following discovery of a crack in the pipe removed during work on 5/27-28, 2000.	Olson, Eileen
08/02/2000	Update or Other Action	Signature notified ADEC that consultant is preparing work plan and expects to submit plan within two weeks.	Olson, Eileen
08/03/2000	Update or Other Action	Following media contact by local TV station, staff contacted Signature and received updates from Signature's Environmental Manager and attorney. Staff prepared a briefing for Department Public Information Officer. In the afternoon, local TV news covered contamination at the site as the top news story. Channel 2 write-up is in the file.	Olson, Eileen
08/04/2000	Update or Other Action	Robert Weimer of the STP and CSRP staff provided interviews to the Anchorage Daily News. Resulting article dated 8/5/00 is in the file.	Olson, Eileen
09/13/2000	Update or Other Action	Received anonymous information via Coast Guard that alleges AFSC knew of pipeline leakage at this site 10 years ago. Sent follow-up letter to AFSC requesting clarification of documents provided, and a written explanation of leak testing history.	Olson, Eileen
09/19/2000	Update or Other Action	Received response to information request letter sent to AFSC on 9/13/00.	Olson, Eileen
09/20/2000	Site Characterization Workplan Approved	Approved plan to install 11 new monitoring wells and a free product recovery well; sample 11 existing wells; and test and initiate free product recovery.	Olson, Eileen
10/16/2000	Update or Other Action	Site visit during monitoring well drilling and installation. First day of up to two weeks of work to further characterize soil and groundwater contamination, and install a free product recovery well.	Olson, Eileen
10/17/2000	Site Ranked Using the AHRM	Reranked: Changed Toxicity Value from unknown to 2, as contaminant is JetA fuel.	Olson, Eileen
10/17/2000	Update or Other Action	Media contact (Ch. 2 TV) regarding site status and asking for an explanation of the difference between AFSC's estimate of the quantity of fuel released to the environment, and DEC's (respectively, 7,600 gallons vs. 40,000-80,000 gallons). Explanation given was that two separate methods of estimating volume were used; first, an estimate was made based on free product in monitoring wells. The lower (and later) estimate was made based on the leak rate measured during testing of the flawed piece of pipe. An on-camera interview with consultant was aired the following day.	Olson, Eileen
11/15/2000	Update or Other Action	Letter out providing information requested in an October 20, 2000 letter from mobile home park owner adjacent to release area.	Olson, Eileen
12/07/2000	Meeting or Teleconference Held	Staff attended a meeting between AFSC and Gary Baugh, owner of a mobile home park adjacent to the pipeline release site, and their respective legal counsel. The purpose of the meeting was to finalize an access agreement which allows AFSC to install and operate a free product recovery system and monitoring wells on Baugh's property. The term of the agreement is nine months and may be extended. Access was a sticking point that delayed additional characterization groundwater contamination, and testing to determine the best method for free product recovery. Work is expected to begin within the next week.	Olson, Eileen
02/21/2001	Report or Workplan Review - Other	Approved plan to do a baildown test of monitoring well MW31 by Voom Engineers. Letter to AFSC requesting area groundwater monitoring and measurement of free product to be done by March 9, 2001.	Olson, Eileen
02/23/2001	Update or Other Action	Received call from Signature asking whether ADEC had previously requested quarterly monitoring, and whether Texaco had been monitoring quarterly before monitoring wells were transferred to Signature. In checking whether Texaco had monitored quarterly, it was discovered that Texaco had continued quarterly monitoring of what are now Signature's wells through December 2000 and had intended to continue quarterly monitoring in March 2001.	Olson, Eileen
03/28/2001	Update or Other Action	ADEC letter out requesting immediate initiation of minimum 3x weekly product recovery for one hour in MW-31.	Olson, Eileen
03/29/2001	Update or Other Action	AFSC's consultant reported that MW-31 had been pumped on same date, recovering approximately 15 gallons using a Grundfos pump.	Olson, Eileen
04/18/2001	Update or Other Action	Received faxed groundwater analytical results for March 2001 sampling, also update on drilling recovery well and additional monitoring wells, expect completion April 19th. Well development and sampling to be complete April 19th and 20th.	Olson, Eileen
09/15/2001	Update or Other Action	AFSC contractor installed product recovery system and tested vacuum-enhanced skimming.	Weimer, Rober
02/15/2002	Update or Other Action	Six additional monitoring wells installed to help define extent of product and dissolved contamination.	Weimer, Rober
04/09/2002	Site Ranked Using the AHRM	Reranked site. Changed Quantity from 3 to 4.	Weimer, Rober
06/13/2002	Update or Other Action	ADEC receives site correspondence from ASIG (Aircraft Service International Group) as a name change from AFSC (Anchorage Fueling and Service Company) they both have the same contact people, mailing address, and PO Box. ASIG will be used on all future correspondence instead of AFSC.	Weimer, Rober
07/15/2002	Update or Other Action	Two additional monitoring wells installed on Idle Wheels property to help define the extent of product and dissolved contamination.	Weimer, Rober
09/15/2002	Update or Other Action	An additional product recovery well (RW-3) installed. 5500 gallons of product recovered to date.	Weimer, Rober
12/04/2002	GIS Position Updated	Plotted coordinates and verified their relative accuracy.	No Longer Assigned,
12/16/2002	Update or Other Action	Receive November 2002 Site Characterization Report.	Weimer, Rober
02/06/2003	Report or Workplan Review - Other	ADEC approves reduction in groundwater monitoring in some of the monitoring wells.	Weimer, Rober
02/11/2003	Cleanup Plan Approved	ASIG's consultant submits a proposal to install two additional VES product recovery wells to bring the total to 4. ASIG proposes to try to use some of the existing monitoring wells to recover the product that had migrated into those areas, with the understanding that additional larger product recovery wells would be required if the existing product recovery wells were not effective in recovering product from that area of the site.	Weimer, Rober
04/18/2003	Update or Other Action	Received notice that .93 feet of free-product has migrated to MW-116.	Weimer, Rober
08/01/2003	Preliminary Assessment Approved	E&E evaluated migration of diesel vapors into indoor air at trailer park and found pathway to be incomplete based on 3 tier evaluation.	Weimer, Rober
01/12/2004	Report or Workplan Review - Other	ADEC approves reduction of groundwater monitoring to semi-annual at the site.	Weimer, Rober
06/24/2004	Update or Other Action	April 2004 groundwater monitoring and product recovery report. A total of 9,330 gallons of free product have been recovered as of 6/18/04. RW-4 is recovering 7.3 gallons per day. Up to 2.35 feet of product in monitoring well MW-115. Up to 2.5 feet of product on recovery wells RW-3 and MW-120. Up to 26 mg/l DRO in monitoring well MW-122. Up to 11.4 ug/l benzene in monitoring well MW-125. Dissolved contamination concentrations appear to be increasing in some of the monitoring wells.	Weimer, Rober
11/02/2004	Update or Other Action	DOTPF plans to do some trenching and excavation work near the pipeline release point later this year as part of putting in a new light pole and utilities. Potential for encountering contaminated soil as part of the work. DOTPF is coordinating with ASIG.	Weimer, Rober
11/03/2004	Update or Other Action	Formerly CS92.30 File number issued: 2100.38.438	Blandford, Agg
05/11/2005	Site Visit	Site visit to discuss future site work, including intersection work and the hook up of two additional product recovery wells.	Weimer, Rober
06/01/2005	Report or Workplan Review - Other	The free product recovery system was upgraded in June 2005. Monitoring wells MW-31, MW-115, and MW-116 were converted into recovery wells to help recover product found in those areas. Recovery well RW-3 was discontinued in June 2005 because of close proximity to recovery well RW-120 and RW-115. ASIG proposes to try to use some of the existing monitoring wells to recover the product that had migrated into those areas, with the understanding that additional larger product recovery wells would be required if the existing product recovery wells were not effective in recovering product from that area of the site.	Weimer, Rober
06/23/2005	Update or Other Action	April 2005 groundwater monitoring and product recovery report. A total of 11,048 gallons of free product have been recovered as of 5/13/05. The average recovery is 5.9 gallons per day. Outside of the product recovery wells up to 1.42 feet of product in monitoring well MW-116. Up to 24.6 mg/l DRO in monitoring well MW-125. Up to 32 ug/l benzene in monitoring well MW-125. Dissolved contamination concentrations appear to be increasing in some of the monitoring wells.	Weimer, Rober
12/12/2005	Update or Other Action	October 2005 groundwater monitoring and product recovery report. A total of 11,580 gallons of free product have been recovered as of 11/2/05. The average recovery is 3.0 gallons per day. Outside of the product recovery wells up to 0.8 feet of product in monitoring well MW-111(the previous events thicker product monitoring well, MW-116, was converted to a product	Weimer, Rober

		recovery well in June 2005). Up to 17.7 mg/l DRO in monitoring well MW-125. Up to 32 ug/l benzene in monitoring well MW-125 (on 4/6/05). Dissolved contamination concentrations appear to be increasing in some of the monitoring wells. Depth to groundwater is 29 to 33 feet below ground surface. Groundwater generally flows to the northwest.	
01/31/2006	Update or Other Action	Discussed with property owner and ASIG a request to shut down product recovery system until April due to lower recovery (1 gallon/day), cold weather, and access to do equipment maintenance. System is to be shutdown on 2/2/06 until the spring of 2006.	Weimer, Rober
08/28/2006	Update or Other Action	April 2006 groundwater monitoring and product recovery report. A total of 12,293 gallons of free product have been recovered as of 5/25/06. Outside of the product recovery wells up to 5.05 feet of product in monitoring well MW-21. Up to 8.52 mg/l DRO in monitoring well MW-108. Up to 8.9 ug/l benzene in monitoring well MW-125 (on 4/28/06). Dissolved contamination concentrations appear to be increasing in some of the monitoring wells. Depth to groundwater is 30 to 36 feet below ground surface. Groundwater generally flows to the north by northwest. E&E recommends adding MW-102 and MW-22 to the fall sampling event.	Weimer, Rober
12/06/2006	Update or Other Action	September 2006 groundwater monitoring and product recovery report. A total of 12,293 gallons of free product have been recovered as of 5/25/06. Outside of the product recovery wells up to 4.66 feet of product in monitoring well MW-21. Up to 9.25 mg/l DRO in monitoring well MW-125. Up to 17.9 ug/l benzene in monitoring well MW-125 (on 9/28/06). Dissolved contamination concentrations appear to be increasing in some of the monitoring wells. Depth to groundwater is 29 to 35 feet below ground surface. Groundwater generally flows to the north by northwest.	Weimer, Rober
02/05/2007	Exposure Tracking Model Ranking	Site ranked on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
08/28/2007	Update or Other Action	April 2007 groundwater monitoring report. Outside of the product recovery wells up to 2.40 feet of product in monitoring well MW-21. Up to 8.29 mg/l DRO in monitoring well MW-125. Up to 11.7 ug/l benzene in monitoring well MW-125. Dissolved contamination concentrations appear to be decreasing in most of the monitoring wells. Depth to groundwater is 29 to 33 feet below ground surface. Groundwater generally flows to the north by northwest.	Weimer, Rober
08/28/2007	Update or Other Action	Approved request to decommision two damaged monitoring wells (MW-101 and MW-102) that are located in Arctic Road. They are to be replaced with at least one monitoring well in that area when road work on Arctic has been completed.	Weimer, Rober
08/28/2007	Update or Other Action	ADEC requests that a completed QA/QC checklist be included with all future monitoring reports. ADEC also requests information on the current status of the product recovery system, and total amount of product recovered.	Weimer, Rober
08/29/2007	Update or Other Action	ADEC receives an update from ASIG. System restarted in April 2007 and has recovered 13,073 gallons of product as of 8/27/07. The system has recovered 387 gallons since April 2007.	Weimer, Rober
01/04/2008	Update or Other Action	ADEC receives notification that the entire product recovery system has been down since late December and will remain off-line until the spring due to a broken heater in the treatment shed.	Weimer, Rober
05/28/2008	Update or Other Action	October 2007 groundwater monitoring report. Outside of the product recovery wells up to 4.16 feet of product in monitoring well MW-21. Up to 26.4 mg/l DRO in monitoring well MW-10. Up to 1.91 mg/l GRO in monitoring well MW-10. Up to 13.9 ug/l benzene in monitoring well MW-125. Dissolved contamination concentrations appear to be increasing in most of the monitoring wells. Depth to groundwater is 30.29 to 35.35 feet below ground surface. Groundwater generally flows to the north by northwest. Seven monitoring wells were not sampled because they could not get a right-of-way permit during the day.	Weimer, Rober
05/28/2008	Update or Other Action	Review and approve plan to abandon damaged monitoring well MW-111. A replacement monitoring well may be required in the future. The spring groundwater sampling event is to be conducted in June or July 2008.	Weimer, Rober
10/29/2008	Update or Other Action	ADEC receives notification that the product recovery system has been down since October 28, 2008 for repairs to the heating system, and that the product recovery system may be off-line until the spring.	Weimer, Rober
02/04/2009	Update or Other Action	ADEC receives notification that the heater has been repaired and the product recovery system has been restarted.	Weimer, Rober
03/18/2009	Report or Workplan Review - Other	June 2008 groundwater monitoring event. Measurable product was found in 12 monitoring wells this event (7 of them are recovery wells). Outside of the product recovery wells up to 0.81 feet of product in monitoring well MW-103. Up to 7.66 mg/l DRO in monitoring well MW-125. Up to 0.508 mg/l GRO in monitoring well MW-4. Up to 15.9 ug/l benzene in monitoring well MW-125. Contamination concentrations increased in 4 of the 6 monitoring wells with detectable dissolved contamination. Higher dissolved concentrations of benzene, GRO, and DRO probably exist at the site because some former product wells such as MW-10 are not currently being sampled for dissolved contamination. Depth to groundwater is 30.08 to 32.73 feet below ground surface. Groundwater generally flows to the north by northwest.	Weimer, Rober
03/18/2009	Update or Other Action	ADEC requests that the RP have their consultant evaluate other product recovery technologies (such as rope/belt skimmers) that may be more cost effective than their current system.	Weimer, Rober
03/19/2009	Report or Workplan Review - Other	September 2008 groundwater monitoring event. Measurable product was found in 10 monitoring wells this event (7 of them are recovery wells). Outside of the product recovery wells up to 0.16 feet of product in monitoring well MW-103. Up to 9.37 mg/l DRO in monitoring well MW-125. Up to 0.685 mg/l GRO in monitoring well MW-122. Up to 13.0 ug/l benzene in monitoring well MW-125. Contamination concentrations increased in 6 of the 7 monitoring wells with detectable dissolved contamination. Higher dissolved concentrations of benzene, GRO, and DRO probably exist at the site because some former product wells such as MW-10 are not currently being sampled for dissolved contamination. Two of the sentinel monitoring wells (MW-119 and MW-123) had showed GRO contamination for the first time. Monitoring well MW-122 has its highest levels of GRO contamination since 2005. Depth to groundwater is 29.02 to 32.52 feet below ground surface. Groundwater generally flows to the north by northwest. Between 6/2/08 and 8/14/08 124 gallons of product was recovered (1.68 gallons per day). Between 10/2/01 and 8/14/08 at total of 12,617 gallons of product have been recovered. Groundwater has risen 3 to 4 feet in the monitoring wells since 2001.	Weimer, Rober
04/02/2009	Meeting or Teleconference Held	Talked with Amber at ASIG about the proposed product baildown test and groundwater monitoring at the site. ASIG will have their consultant measure the current product levels in all of the recovery wells and provide that information to ADEC along with recommendations on which wells to conduct the baildown test on. ADEC will then review the baildown test work plan. ADEC noted that ASIG had not been providing product thickness readings for all of the recovery wells. Amber said they would be providing all of the product measurement data in the future. We discussed that the dissolved concentrations have increased during the last two monitoring events, and contamination has showed up in two of the sentinel monitoring wells (MW-119 & MW-123) during the last monitoring event. We also discussed that there still is an active drinking water well about 600 feet downgradient of the product (4303 Cope Street) and another active drinking water well about 600 feet cross gradient (4201 Arctic Blvd). ASIG and their consultant plan to have a meeting with ADEC early May to discuss the results of the baildown testing and to discuss future groundwater monitoring at this site.	Weimer, Rober
04/15/2009	Report or Workplan Review - Other	On 4/13/09, 7 of the 8 recovery wells were checked for product levels. Up to 0.60 feet of product in RW116, 0.30 feet of product in RW115 and RW1, 0.25 feet of product in RW4, 0.10 feet of product in RW120, and no product in RW3. Recovery well RW2 had 0.16 feet of product measured on 9/29/08. ADEC was informed in a meeting on 4/15/09 that ASIG is currently only recovering product from 2 of the 8 recovery wells (RW1 and RW4). It appears that ASIG suspended recovering product in recovery wells RW31, RW115, RW116, and RW120 back in 2005 without notifying ADEC or obtaining the necessary approval from ADEC (as required in 18 AAC 75.360) to suspend product recovery in those wells. ASIG stated that they were having trouble with the 1.5 inch skimmer pumps in those 2 inch recovery wells. In the meeting ADEC stated that they would be sending out a letter to ASIG requesting a plan to recover the product in those areas which could include the installation and operation of larger recovery wells and/or using an alternative effective product recovery technology in the existing 2 inch wells.	Weimer, Rober
04/15/2009	Meeting or Teleconference Held	Meeting between ADEC, ASIG, and ASIG's consultant Oasis. We discussed groundwater monitoring and product recovery. ASIG would like to abandon all of the monitoring wells in the roadway, suspend sampling in 9 other monitoring wells, and reduce monitoring to annual in all other monitoring wells. ASIG also provided site cost information, and product recovery amounts for 2001 through 2009. ASIG provided product measurement data from 4/13/09. A total of 12,479 gallons of product have been recovered by the system, and an additional 1,150 gallons of product was recovered prior to the recovery system installation. ADEC was informed in the meeting on that ASIG is currently only recovering product from 2 of the 8 recovery wells (RW1 and RW4). It appears that ASIG suspended recovering product in recovery wells RW31, RW115, RW116, and RW120 back in 2005 without notifying ADEC or obtaining the necessary approval from ADEC (as required in 18 AAC 75.360) to suspend product recovery in those wells. ASIG stated that they were having trouble with the 1.5 inch skimmer pumps in those 2 inch recovery wells. In the meeting ADEC stated that they would be sending out a letter to ASIG requesting a plan to recover the product in those areas which could include the installation and operation of larger recovery wells and/or using an alternative effective product recovery technology in the existing 2 inch wells. Oasis is to contact AWWU and the resident of 4303 Cope Street to confirm the status of the water well previously identified at that property. Oasis is to provide a report of their findings, and ADEC will review the findings and provide a response to ASIG's request to reduce the groundwater monitoring and abandon monitoring wells in the roadway for the Arctic and Tudor site. ASIG is also requesting that ADEC provide a written decision as to what standard will be used (such as product thickness in wells) to determine when the product recovery can suspended at this site. We discussed that the ADEC Guidance for Cleanup of Petroleum Contaminated Sites lists 1 inch (0.08 feet) of product as the standard.	Weimer, Rober
06/24/2009	Update or Other Action	June 19, 2006 letter from ASIG provides information on the operation of the site product recovery wells. In 2005 skimming operations were initiated in all of the recovery wells. Converted 2 inch monitoring well recovery wells RW120, RW115, and RW31 only operated for one month and were shut off due to poor product recovery of the product in those wells. In 2006 skimmers and modified skimmers were installed in RW-31, RW-115, and RW-116, but did not recover the fuel in the	Weimer, Rober

		monitoring well. In 2007 & 2008 skimmers were only operated in recovery wells RW1 and RW4 eventhough product remained in many of the other recovery wells (such as 0.46 feet of product in RW-116). Later in 2009 skimmers were installed in recovery wells RW1, RW4, RW115, and RW116. Despite recent weekly efforts to adjust and optimize the skimmers in the converted 2 inch monitoring well recovery wells Rw115 and RW116 not product has been recovered from those wells despite 0.30 feet of product in RW115 and 0.60 feet of product in RW116. The currently approved cleanup plan for product recovery calls for the operation of all 8 recovery wells at the site. At the April 15, 2009 meeting ADEC learned that only 2 (RW-1 and RW-4) of the 8 recovery wells were currently being operated at the site. ADEC had not been previously informed, or received any request for approval for a change in the product recovery system for this site. Under 18 AAC 75.360 a responsible person (in this case ASIG) shall submit and obtain approval prior to any modification of a cleanup or monitoring plan. ADEC understands the challenges in effectively recovering product from 2 inch monitoring wells that were never intended to be product recovery wells (RW31, RW115, RW116, and RW120), which is why the wells that were installed as product recovery wells (RW1, RW2, RW3, and RW4) were a larger 6 inch size (RW2 is a 4 inch size) with hydrophobic resin-coated silica sand or other material to enhance product recovery. It was ASIG who proposed to try to use some of the existing monitoring wells to recover the product that had migrated into those areas, with the understanding that additional larger product recovery wells would be required if the existing product recovery wells were not effective in recovering product from that area of the site. As we discussed in the April 15, 2009 meeting ASIG needs to operate an active product recovery system to address all product areas on the site, and if some of the existing product recovery wells are not being effective, then those wells need to be enhanced or replaced so that the product in those areas can be effectively recovered.	
06/25/2009	Report or Workplan Review - Other	May 6, 2009 report that the 0.11 mg/l GRO detected in monitoring well MW-119 was isopropyl alcohol and this was not due to the juel fuel leak. ADEC reviewed jet fuel information and found that isopropyl alcohol is a possible additive to jet fuel, and as it is very soluable in water it would be expected to be found ahead of an expanding jet fuel product plume. The report also noted that the table in their September 2008 sampling report was in error, GRO detected in monitoring well MW-122 is 0.0685 mg/l.	Weimer, Rober
06/25/2009	Report or Workplan Review - Other	ADEC review of June 19, 2009 Work Plan for Free-phase Petroleum Hydrocarbon Recovery. Comments on the proposed plan were included in ADEC's July 7, 2009 letter. The workplan proposes to use the existing vapor enhanced product recovery system, which is only effectively recovering product from 2 of the recovery wells (RW1 and RW4), and the entire system is to be permanently shut off when the product recovery during any 2 week period falls below 3 gallons a week, or by mid-October 2009 which ever happens first. The plan then proposes to only conduct product recovery by pumping by a vacuum truck at select wells once every two weeks to once every six months, with all vacuum truck pumping to end if for two consecutive 6 months periods all of the selected 8 former recovery wells contained less than 1 inch of measured product. This work plan is not approved because of the following concerns: (1) The plan proposes to continue to operate the existing vapor enhanced product recovery system which is only effectively recovering product from two wells. As discussed above the existing operation is not adequate and an upgraded system is required. (2) The plan proposes to shut down the vapor enhanced product recovery system permanently in mid-October 2009 regardless of the recovery rates and thickness of remaining product. The system building heater has been repaired and the system has operated during the winter in the past, so there is no reason of the system to be shut down in mid-October 2009. (3) The plan proposes to permanently shut down the system if it recovers less than 3 gallons in any 2 week period, even if recovery would be higher at a later date or higher with an upgraded system. As discussed above this is not acceptable. (4) The plan calls for using in the future only vacuum truck pumping at select wells on a two week to 6 month frequency. Pilot tests conducted at the site at this area (MW-31) showed that the product in the well recharged 74% within 5.3 hours after pumping stopped. Based on past pilot testing data a frequency twice daily pumping would seem to be more appropriate. Also based on past field testing the proposed vacuum truck pumping would have a much smaller radius of influence than vapor enhanced product recovery technology and probably would not be able to effectively recovery product under much of the roadway. (5) The plan proposes to use a standard for stopping all product recovery at the site if for two consecutive 6 months periods all of the selected 8 former recovery wells contained less than 1 inch of measured product. ADEC concurs with your consultant's recommendation that 1 inch of product be used as the standard for product recovery, which is consistent with ADEC "Guidance for Cleanup of Petroleum Contaminated Sites", but the 1 inch standard applies to all of the site wells, not just the selected 8 former recovery wells. Over the past year greater than 1 inch of measurable product has been identified in at least 4 monitoring wells in addition to the site recovery wells.	Weimer, Rober
06/25/2009	Report or Workplan Review - Other	ADEC review of June 19, 2009 Work Plan for Groundwater monitoring in 2009. This plan was responded to in the ADEC letter dated 7/7/09. The plan proposes suspending sampling in 9 monitoring wells, and reducing sampling to annual for the remaining monitoring wells except for one monitoring well MW-119 that is to be sampled on a semi-annual basis, and that the 6 monitoring wells located in the roadway be abandoned. ADEC concurs with suspending the sampling in several of the monitoring wells requested (107, 109, 118), but does not agree with their suggestion that the roadway monitoring wells do not provide useful data. As discussed in our meeting, it is important to monitor changes in product thickness and its mobility at the site, and when product is no longer found in a well it is important to monitor trends in dissolved contamination in those areas. We share your concerns about safety, which is why we are only requesting annual monitoring of those wells so the necessary data can be collected at a time and date when it can be done safely. In the interest of cost savings, we are approving the suspension of sampling in additional monitoring wells (8 and 30) beyond what was proposed by your consultant. Based on a review of the groundwater sampling data, changes in groundwater elevations/site conditions, and the presence of active drinking water wells in the area, ADEC feels that it is premature to reduce the monitoring to annual (with semi-annual in MW-119) in all of the monitoring wells at this site. ADEC approves the following modifications (until further notice) in groundwater sampling at this site: Suspend the sampling of monitoring wells 8, 30, 107, 109, and 118. Measure for product thickness in monitoring wells 7, 13, 21, 100, 103, 105, 112, 113, 117, and 124 on an annual basis (if there is no product or sheen in the well, then collect a water sample from that well and have it analyzed for BTEX, GRO, and DRO). Measure for product thickness in monitoring wells 4, 6, 10, 111, 114, 119, 122, 123, 125, 126, 127, RW1, RW2, RW3, RW4, RW31, RW115, RW116, and RW120 on an semi-annual basis (if there is no product or sheen in the well, then collect a water sample from that well and have it analyzed for BTEX, GRO, and DRO). ADEC is also requesting that the downgradient drinking water well located at 4303 Cope Street be sampled on a semi-annual basis for BTEX (EPA method 524.2), GRO, and DRO.	Weimer, Rober
06/25/2009	Report or Workplan Review - Other	ADEC review of the Mann-Kendall (M-K) statistical analysis conducted by ASIG's consultant for the diesel range organics (DRO) contamination in 4 of the site monitoring wells. This statistical analysis was responded to in the ADEC letter dated 7/7/09. Several ADEC staff have reviewed the statistical analysis provided and ADEC does not accept the concentration trend decision matrix proposed, and does not agree with the consultants conclusions that the plume is stable or decreasing in all 4 of those monitoring wells. The M-K statistic (S) provided actually indicates an increasing trend (a positive S value) in 2 (MW-4 and MW-125) of the 4 monitoring wells evaluated. As was discussed in the April 15, 2009 meeting, ADEC has concerns about the significant rise in groundwater elevations (change in site conditions), and increase in dissolved concentrations in the site monitoring wells over the last two monitoring events. The concentrations in the dissolved groundwater plume have increased over the most recent monitoring events. During the most recent groundwater monitoring event of September 2008, contamination concentrations increased in 6 of the 7 monitoring wells with dissolved contamination. For example the dissolved DRO concentration increased in monitoring well MW-122 from 2.48 mg/l to 6.41 mg/l over the last two monitoring events. Detectable gasoline range organics (GRO) contamination has shown up in sentinel monitoring well (MW-123) for the first time. Another sentinel monitoring well (MW-119), which lies in between the product and the active drinking water well at 4303 Cope Street, also showed detectable GRO contamination (0.11 mg/l) for the first time during the last monitoring event. The GRO detected in MW-119 was identified as a possible additive for jet fuel, isopropyl alcohol, which is very soluble in water and would be expected to move out in front of an expanding jet fuel plume. Unless further supporting evidence is provided, ADEC does not concur with your consultant's suggestion that the source of the isopropyl alcohol GRO contamination in monitoring well MW-119 was from their failure to properly rinse their water level probe and not from the jet fuel. It appears that downgradient migration of product has continued at the site. Since the product recovery system began operation in 2001, product has migrated in the downgradient direction into monitoring well RW-116, which during the last product measuring event had the greatest thickness (0.60 feet) of measured product at the site. Between October 1, 2008 and April 13, 2009 product migrated an estimated 50 feet in the downgradient direction into the area of RW-115.	Weimer, Rober
06/29/2009	Update or Other Action	May 12, 2009 sampling of the 4303 Cope Street active drinking water well. The sample was analyzed for VOC's (method 524.2), and SVOC's (method 525.2). All samples were non-detect during this monitoring event. The drinking water well at 4303 Cope Street is located about 600 feet downgradient from the remaining Jet Fuel product.	Weimer, Rober
07/07/2009	Update or Other Action	ADEC letter dated July 7, 2009. The letter was a follow up to the April 15, 2009 meeting, the June 19, 2009 Groundwater sampling workplan, Free-phase petroleum hydrocarbon product recovery workplan, response to ASIG's June 19, 2009 letter and recent submittals. Based on a review of the groundwater sampling data, changes in groundwater elevations/site conditions, and the presence of active drinking water wells in the area, ADEC determined that it is premature to reduce the monitoring to annual (with semi-annual in MW-119) in all of the monitoring wells at this site. ADEC approves the following modifications (until further notice) in groundwater sampling at this site: Suspend the sampling of monitoring wells 8, 30, 107, 109, and 118. Measure for product thickness in monitoring wells 7, 13, 21, 100, 103, 105, 112, 113, 117, and 124 on an annual basis (if there is no product or sheen in the well, then collect a water sample from that well and have it analyzed for	Weimer, Rober

		BTEX, GRO, and DRO). Measure for product thickness in monitoring wells 4, 6, 10, 111, 114, 119, 122, 123, 125, 126, 127, RW1, RW2, RW3, RW4, RW31, RW115, RW116, and RW120 on an semi-annual basis (if there is no product or sheen in the well, then collect a water sample from that well and have it analyzed for BTEX, GRO, and DRO). ADEC is also requests that the downgradient drinking water well located at 4303 Cope Street be sampled on a semi-annual basis for BTEX (EPA method 524.2), GRO, and DRO. ADEC requests that if it has not already happened that the product recovery system is restarted by no later than July 15, 2009, and that the existing system continue to be operated, maintained, and monitored until an approved enhanced or replacement product recovery system begins operation. Based on a review of past pilot testing data, product recovery data, product recovery system operation data, and recent changes in groundwater elevations/site conditions ADEC requests that their consultant conduct an evaluation of the current product recovery system and submit a plan for the enhancement, modification, and/or replacement of the existing product recovery system (such as the installation of product recovery wells to replace the ineffective converted 2 inch monitoring wells), so that the remaining product at the site can be effectively recovered. ADEC request that the results of the evaluation and the plan be submitted by August 21, 2009.	
01/29/2010	Report or Workplan Review - Other	August 2009 groundwater monitoring event. Measurable product was found in 8 monitoring wells this event (4 of them were recovery wells). Outside of the product recovery wells up to 4.68 feet of product in monitoring well MW-103. This is the greatest thickness of product ever measured in this monitoring well, and an increase of 4.55 feet of product thickness since September 2008. Up to 21.8 mg/l DRO in monitoring well MW-122. Up to 0.741 mg/l GRO in monitoring well MW-125. Up to 9.2 ug/l benzene in monitoring well MW-125. Contamination concentrations increased in 5 of the 10 monitoring wells with detectable dissolved contamination, and decreased or was stable in the other 5 monitoring wells with detectable dissolved contamination. Higher dissolved concentrations of benzene, GRO, and DRO probably exist at the site because some former product wells such as MW-10 are not currently being sampled for dissolved contamination. The sentinel monitoring well MW-8 has its highest levels of DRO contamination since 2005. Monitoring well MW-113 had it is highest levels of DRO contamination ever. Monitoring wells MW-122 & MW-127 had it is highest levels of DRO contamination since 2004. Depth to groundwater is 28.06 to 34.19 feet below ground surface. Groundwater generally flows to the north by northwest. Between 2/3/09 and 8/19/09 173 gallons of product was recovered (1.00 gallon per day). Between 10/2/01 and 8/19/09 at total of 12,790 gallons of product have been recovered. Groundwater has risen 3 to 4 feet in the monitoring wells since 2001. Nine monitoring wells and the drinking water well at 4303 Cope Street that had been requested in the DEC letter of 7/7/09 to be sampled for BTEX/GRO/DRO were not sampled.	Weimer, Rober
01/29/2010	Report or Workplan Review - Other	The current recovery system that is operating in 2 of the 8 recovery wells was shut down on August 27, 2009 to conduct baildown testing in RW-31. On October 15, 2009 0.92 feet of product was measured in RW-31 with a small diameter bailer. Measured product thickness is biased low because it is measured using a bailer that has a smaller inflow diameter than the bailer diameter. The consultant identified problems with getting accurate product thickness measurements with a down-well interface probe. During the baildown testing conducted between October 15, 2009 and October 20, 2009 the natural non-enhanced recovery rate into the 2 inch monitoring well was between 0.026 and 0.002 gallon per day. The measured thickness of product in the monitoring well was 0.92 feet that exceeds the DEC 1 inch site wide standard to determine when free product recovery would no longer practicable at this site. During product measurements conducted at the site between August 27-29, 2009 product over 1 inch was identified in 8 monitoring wells at the site. Monitoring well MW-103 had up to 4.68 feet of product in it during this period, the greatest thickness of product ever measured in that monitoring well.	Weimer, Rober
01/29/2010	Conceptual Site Model Submitted	On January 12, 2010 and updated conceptual site model was submitted. It identified current and future potential exposure of ingestion of groundwater and inhalation of indoor air. The updated conceptual site model graphic form and report narrative did not include the incidental soil ingestion and dermal absorption of contaminats from soil and inhalation of outdoor air to construction (trench) workers. Soil contamination above cleanup levels has been identified within 15 feet of the ground surface at this site so those potential exposure routes should be included in the conceptual site model.	Weimer, Rober
12/15/2010	Report or Workplan Review - Other	July 2010 groundwater monitoring event. The groundwater monitoring, product measurements, and product recovery were not in compliance with DEC's letter of 7/7/09. Measurable product was found in 6 of the 19 monitoring wells checked this event. The thickness of the product increased in three of the monitoring wells checked. Up to 2.14 feet of product in recovery well RW-31, which is an increase of 1.67 feet of product since August 2009. Measured product thickness is biased low because it is measured using a bailer that has a smaller inflow diameter than the bailer diameter. Product thickness was not measured in 11 monitoring/recovery wells as in the DEC letter of 7/7/09. Greater product thickness probably exists at the site because many of the wells that had the greatest product thickness in previous events were not checked (such as monitoring well MW-103 that had 4.68 feet of product during the last monitoring event which was the greatest thickness of product ever measured in this monitoring well, and an increase of 4.55 feet of product thickness since September 2008). Up to 21.5 mg/l DRO in monitoring well MW-122. Up to 0.357 mg/l GRO in monitoring well MW-4. Up to 7.1 ug/l benzene in monitoring well MW-125. Contamination concentrations increased in 1 of the 5 monitoring wells with detectable dissolved contamination, and decreased or was stable in the other 4 monitoring wells with detectable dissolved contamination. Higher dissolved concentrations of benzene, GRO, and DRO probably exist at the site because some former product wells such as MW-10 are not currently being sampled for dissolved contamination. The sentinel monitoring well MW-8 has its highest levels of DRO contamination since 2005 was not sampled this event. Monitoring well MW-122 had it is highest levels of benzene contamination since 2002. Depth to groundwater was 28.34 to 33.59 feet below ground surface. Groundwater generally flows to the north by northwest. Between 2/3/09 and 8/19/09 173 gallons of product was recovered (1.00 gallon per day). Between 10/2/01 and 8/19/09 at total of 12,790 gallons of product have been recovered. Groundwater has risen 3 to 4 feet in the monitoring wells since 2001. Numerous monitoring wells and the drinking water well at 4303 Cope Street that had been requested in the DEC letter of 7/7/09 to be sampled for BTEX/GRO/DRO were not sampled.	Weimer, Rober
12/16/2010	Report or Workplan Review - Other	October 2010 groundwater monitoring event. The groundwater monitoring, product measurements, and product recovery were not in compliance with DEC's letter of 7/7/09. Measurable product was found in 5 of the 9 monitoring wells checked this event. The thickness of the product increased in two of the monitoring wells checked. Up to 1.38 feet of product in recovery well RW-2, which is an increase of 0.87 feet of product in the last 90 days. Measured product thickness is biased low because it is measured using a bailer that has a smaller inflow diameter than the bailer diameter. Greater product thickness probably exists because many of the wells that had the greatest product thickness in previous events were not checked (such as monitoring well MW-103 that had 4.68 feet of product during the last monitoring event which was the greatest thickness of product ever measured in this monitoring well, and an increase of 4.55 feet of product thickness since September 2008). Only monitoring well MW-119 had analytical samples collected and it was non-detect for DRO, GRO, and BTEX. None of the drinking water wells in the area were sampled this monitoring event. Depth to groundwater was 32.12 feet below ground surface in monitoring well MW-119. Groundwater generally flows to the north by northwest. Between 6/2/10 and 7/2/10 6.7 gallons of product was recovered (0.22 gallons per day). Between 07/19/10 and 9/30/10 1.8 gallons of product was removed (0.03 gallons per day). Between 10/2/01 and 9/30/10 at total of 12,799 gallons of product have been recovered. Groundwater has risen 3 to 4 feet in the monitoring wells since 2001. Numerous monitoring wells and the drinking water well at 4303 Cope Street that had been requested in the DEC letter of 7/7/09 to be sampled for BTEX/GRO/DRO were not sampled.	Weimer, Rober
12/16/2010	Report or Workplan Review - Other	January 11, 2010 Groundwater Sampling and Product Recovery System Assessment report. The report recommended a reduction in the groundwater monitoring at the site and recommended pulsing the product recovery system to see if that would increase the product recovery rate.	Weimer, Rober
12/28/2010	Exposure Tracking Model Ranking	A new updated ranking with ETM has been completed for source area 72996 Pipeline based on current groundwater and drinking water well sampling data.	Weimer, Rober
10/17/2012	Report or Workplan Review - Other	June 2011 groundwater monitoring event. Measurable product was found in 6 of the 20 monitoring wells checked this event. The thickness of the product increased in two of the monitoring wells checked. Up to 0.38 feet of product in recovery well RW-31. Measured product thickness is biased low because it is measured using a bailer that has a smaller inflow diameter than the bailer diameter. Greater product thickness probably exists because many of the wells that had the greatest product thickness in previous events were not checked (such as monitoring well MW-103 that had 4.68 feet of product during the last monitoring event which was the greatest thickness of product ever measured in this monitoring well, and an increase of 4.55 feet of product thickness since September 2008). Groundwater contaminant concentrations increased in 4 of the 11 monitoring wells sampled. Up to 16.1 mg/l DRO, 0.48 mg/l GRO, and 4.5 ug/l benzene in the groundwater monitoring wells sampled. None of the drinking water wells in the area were sampled this monitoring event. Depth to groundwater was 28.42 to 33.80 feet below ground surface. Groundwater flowed to the north by northwest. Between 10/2/01 and 9/30/10 at total of 12,799 gallons of product have been recovered.	Weimer, Rober
10/17/2012	Report or Workplan Review - Other	September 2011 groundwater monitoring event. Measurable product was found in 5 of the 9 monitoring wells checked this event. The thickness of the product increased in three of the monitoring wells checked. Up to 1.41 feet of product in recovery well RW-2, which is an increase of 1.04 feet of product in the last 105 days. Measured product thickness is biased low because it is measured using a bailer that has a smaller inflow diameter than the bailer diameter. Greater product thickness probably exists because many of the wells that had the greatest product thickness in previous events were not checked (such as monitoring well MW-103 that had 4.68 feet of product during the last monitoring event which was the greatest thickness of product ever measured in this monitoring well, and an increase of 4.55 feet of product thickness since September 2008). Only monitoring well MW-119 had analytical samples collected and it was non-detect for DRO, GRO, and BTEX. None of the drinking water wells in the area were sampled this monitoring event. Depth to groundwater was 32.68 feet below ground	Weimer, Rober

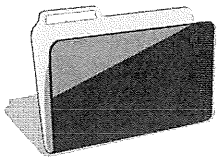
		surface in monitoring well MW-119. Groundwater generally flows to the north by northwest. Between 10/2/01 and 9/30/10 at total of 12,799 gallons of product have been recovered.	
06/21/2013	Site Visit	Site visit to observe current site conditions.	Weimer, Rober
07/29/2013	Update or Other Action	Approved to decommission the two damaged monitoring wells (MW-8 and MW-119) in accordance with the DEC November 2011 Monitoring Well Guidance. DEC requests that AFSC submit a work plan, including a schedule for conducting the work, for the installation of a replacement sentinel well by September 1, 2013.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Enstar Warehouse**

Site Name:	Enstar Warehouse
Address:	3002 Spenard Rd.; Anchorage, AK 99503
File Number:	2100.26.404
Hazard ID:	23900
Staff:	No Longer Assigned - 9074655390
Status:	Cleanup Complete
Landowner:	Robert Brattud
Latitude:	61.192758
Longitude:	-149.906365
Section:	
Meridian:	
Range:	
Township:	



Closure Details Report

Problem / Comments

Petroleum contamination in soil from an underground storage tank system at site. Groundwater contamination unknown & impact to human health unknown.

Action Information

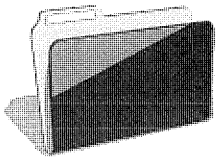
Action Date	Action	Description	DEC Staff
10/23/1990	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 76587 ADD; Petroleum contaminant.	Not Assigned,
10/23/1990	Site Added to Database		Not Assigned,
10/24/1990	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	LCAU; :LCAU Date changed DB conversion	Not Assigned,
11/09/1990	Update or Other Action	REM; Gilfilian Engineering sent "final" report on tank removal at site. Test results from soil sampling & water collected from tank pit are below DEC recommended maximum levels of concentration.	Not Assigned,
04/21/1992	Update or Other Action	UPD; All that remains to be done is the stockpiles. The 30 cubic yard "clean" stockpile has been approved for spreading on-site. A 25 Cubic yard "contaminated" pile remains. Gilfillian Engineering proposed solidifying the matrerial into concrete, but that was rejected when it had a detectable TCLP for BTEX.	Not Assigned,
04/22/1992	Site Closure Approved	CLOS; Letter to Robert Brattrud: report showed soil samples collected from within excavation have been reduced below DEC target levels. At this time DEC is not requesting any additional assessment or cleanup associated with former tanks other than proper treatment/disposal of soil stockpiled on site.:CLOS Date changed DB conversion	Not Assigned,
03/10/2008	Update or Other Action	File number changed from L55.19 to 2100.26.404.	Hurt, Nicole

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Enstar Spenard Rd site**

Site Name: Enstar Spenard Rd site
Address: 3000 Spenard rd
Anchorage, AK 99501
File Number: 2100.26.276
Hazard ID: 23996
Staff: Robert Weimer - 9072697525
Status: Cleanup Complete
Landowner: ENSTAR Natural Gas Company
Latitude: 61.192298
Longitude: -149.906777
Section:
Meridian:
Range:
Township:



Closure Details Report

Problem / Comments

2000 GAL diesel Tank FKA L55.337

Action Information

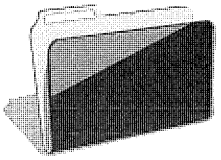
Action Date	Action	Description	DEC Staff
07/20/1996	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 76665 (Added by System)	Allen, Dave
07/20/1996	Leaking Underground Storage Tank Cleanup Initiated - Petroleum		Not Assigned,
07/20/1996	Site Added to Database		Not Assigned,
06/25/2001	Update or Other Action	Request for Supllemental Release Investigation.	Allen, Dave
07/30/2002	Site Closure Approved	GW meets default cleanup levels. All soil and groundwater meet default cleanup levels. NFA letter issued for site.	Weimer, Rober
07/27/2006	Update or Other Action	File number issued 2100.26.276 (FKA L55.337).	Blandford, Agg

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Former National Bank of Alaska - Benson**

Site Name: Former National Bank of Alaska - Benson
Address: 1500 West Benson Boulevard
Anchorage, AK 99503
File Number: 2100.26.316
Hazard ID: 23108
Staff: IC Unit - 9074655229
Status: Cleanup Complete - Institutional Controls
Landowner: Wells-Fargo Bank, NA
Latitude: 61.193100
Longitude: -149.912400
Section:
Meridian:
Range:
Township:



Institutional Controls Report

Problem / Comments

One 700 gallon diesel UST was removed in 1995. Diesel contamination is believed to have originated from supply lines from tank to day tank inside the building. Remaining contamination in place is 2,150 mg/kg EPH at 8.5 feet on east wall, north corner. Contamination has migrated beneath building foundation and additional excavation may threaten structural integrity of the building. Tank was located adjacent to the building southwest of the drive-through lanes.

Action Information

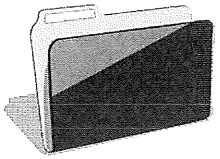
Action Date	Action	Description	DEC Staff
07/13/1995	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77964 DRO contamination.	Petrik, Bill
07/13/1995	Site Added to Database		Not Assigned,
07/26/1995	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	I entered this backdated action on 7/19/07 based on the fact that contaminated soil was excavated and disposed of this date at the Anchorage Regional Landfill.	Janes, Bill
07/26/1995	Leaking Underground Storage Tank Corrective Action Underway	On 7/21/95 ADEC approved of contaminated soils to be disposed of at the Anchorage Regional Landfill. On 7/26/95, 38.13 tons of contaminated soil was disposed of. Composite sampling indicated the concentration was less than 1,000 mg/kg. MOA authorization letter and landfill receipts are in Appendix D of the S&S Engineering report "Underground Storage Tank Removal and Release Investigation" dated July 1995.	Stevens, Tim
12/23/1996	Update or Other Action	Received a copy of the S&S Engineering report "National Bank of Alaska; Lot 4A; Tract A2; Alaska Mutual Subdivision; 1500 West Benson Blvd., Anchorage".	Bush, Lynne
04/23/2003	Update or Other Action	Site initially entered on the CSP Database and ranked using the AHRM by Elizabeth Stergiou.	Stergiou, Elizabeth
06/28/2005	Underground Storage Tank Site Characterization or Assessment	Reviewed a copy of the S&S Engineering "National Bank of Alaska, 1500 West Benson, Initial Water Samples" dated September 1995, received by the department on 10/20/95. Two monitoring wells were installed: MW1 to the southwest (30 feet) and MW2 to the south (100 feet) of the UST. They were sampled on 9/26/95 and had 0.277 mg/l DRO in MW1 and 0.202 mg/l DRO in MW2. Groundwater was encountered at 8 feet below ground surface. Soil samples were collected near the soil/water interface, MW1 had 39.5 mg/kg DRO and MW2 has 37.2 mg/kg DRO.	Weimer, Rober
03/14/2006	Update or Other Action	Staff changed from Sundet to Petrik.	Petrik, Bill
11/27/2006	Update or Other Action	Site data transferred from the CSP to the LUST DB. Formerly file number 2100.38.070. Updated erroneous latitude and longitude using TopoZone Pro. Latitude and longitude data gathered from TopoZone Pro Hi-Res Urban Aerial Photo, Large Size Map, 1:2,952 Scale, No Topo Base Map, NAD 83 in conjunction with Anchorage Area Atlas and figure S&S Engineering "Contaminated Site Located at 1500 West Benson (National Bank of Alaska)" dated 8/1/95. High degree of confidence in accuracy of coordinates. They could only be improved using an on-site GPS.	Petrik, Bill
11/29/2006	Update or Other Action	File number reassigned from 2100.38.070 to 2100.26.316.	Blandford, Agg
11/30/2006	Update or Other Action	RECKEY has automatically been generated.	Not Assigned,
04/07/2008	Exposure Tracking Model Ranking	Initial ranking.	Petrik, Bill
05/04/2011	Exposure Tracking Model Ranking	A new updated ranking with ETM has been completed for source area 77964 Former 700 Gallon Diesel Emergency Generator UST.	O'Connell, Bill
05/17/2011	Cleanup Complete Determination Issued	The Alaska Department of Environmental Conservation, Contaminated Sites Program (ADEC) has completed a review of the environmental records associated with National Bank of Alaska-Benson, located at 1500 West Benson Blvd. in Anchorage, Alaska. Based on the information provided to date, it has been determined that the contaminant concentrations remaining on site do not pose an unacceptable risk to human health or the environment and no further remedial action will be required as long as the site is in compliance with established institutional controls (ICs).	O'Connell, Bill
05/17/2011	Institutional Control Record Established	Institutional Controls established and entered into the database.	O'Connell, Bill
07/05/2011	Report or Workplan Review - Other	Work plan approved for decommissioning of two monitoring wells	O'Connell, Bill
08/05/2011	Update or Other Action	Report detailing the decommissioning of the two onsite monitoring wells received by ADEC.	O'Connell, Bill
02/08/2012	Institutional Control Compliance Review	IC review conducted, staff named changed from O'Connell to IC Unit, reminder system updated to follow up with RP in five years regarding site conditions.	Reese, Evonne

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Former New York Life Building**

Site Name: Former New York Life Building
Address: 1400 West Benson Blvd.
Anchorage, AK 99516
File Number: 2100.26.277
Hazard ID: 25122
Staff: Robert Weimer - 9072697525
Status: Cleanup Complete
Landowner: Hoffman Commercial Mgt
Latitude: 61.193989
Longitude: -149.907365
Section:
Meridian:
Range:
Township:



Closure Details Report

Problem / Comments

Diesel tank removed in 1999. The site assessment work was not complete, the piping runs were not sampled, GRO analysis was not run on the excavation and stockpile samples, a BTEX samples were not field preserved as required. The previous Phase I assessment report has not been submitted. A supplemental site assessment was conducted on Novembe 29, 2007 to collect required sample data. All soil samples meet site cleanup levels. A No Further Action letter was issued on June 17, 2008. FKA L55.353

Action Information

Action Date	Action	Description	DEC Staff
02/03/2000	Leaking Underground Storage Tank Cleanup Initiated - Petroleum		Not Assigned,
02/03/2000	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 78023 T&R Environmental Consulting performed site assessment, low levels of DRO found, but sampling and work not conducted as required. BTEX samples were not field preserved, GRO analysis was not conducted, and piping runs were not assessed or sampled.	Not Assigned,
02/03/2000	Underground Storage Tank Site Characterization or Assessment	Report Dated 10/99. Site assessment work not completed as required in regulations.	Not Assigned,
02/03/2000	Site Added to Database		Not Assigned,
02/11/2000	Update or Other Action	ADEC requests a copy of the previous Phase I Site Assessment report. ADEC also requests information on the piping and the amount of excavated soil so a review of the tank removal report can be completed.	Not Assigned,
02/22/2000	Update or Other Action	Received a faxed letter from the RP's consultant. He confirmed that the volume of excavated soil was 20 cubic yards. The stockpile was sampled for BTEX and DRO and used as backfill. The fax also provided information regarding the piping runs.	Weimer, Rober
04/03/2000	Update or Other Action	ADEC requests workplan by 5/22/00 to complete the site assessment for this site. The site assessment was not conducted in accordance with state and federal regulations. The piping runs were not assessed or sampled, GRO analysis was not conducted, BTEX samples were not field preserved, and requested information on depth to groundwater.	Not Assigned,
09/14/2000	Update or Other Action	ADEC second request for submittal of workplan to complete the site assessment.	Weimer, Rober
06/19/2005	Update or Other Action	Ranked site on Environmental Tracking Model (ETM).	Weimer, Rober
06/20/2005	Update or Other Action	RP has still not provided the information requested.	Weimer, Rober
07/27/2006	Update or Other Action	File number issued 2100.26.277 (FKA L55.353).	Blandford, Agg
07/27/2006	Update or Other Action	Discussed site with lenders rep. Faxed him a copy of the file.	Weimer, Rober
08/29/2006	Update or Other Action	Received a letter from the previous consultant regarding the ADEC letter of April 3, 2000. The consultant confirms that the piping was not sampled, and that the correct analysis in the excavation and stockpile was not conducted. He stated even though the work was not done as required he thinks that the site does not pose a significant risk. He also stated that the earlier phase 1 assessment consisted of drilling two Geoprobe borings near the tank down to groundwater at 18 feet, and the collection of a water sampled that was analyzed for BTEX.	Weimer, Rober
07/27/2007	Update or Other Action	RP's new consultant is to submit a workplan to collect all of the information requested in 2000.	Weimer, Rober
10/05/2007	Update or Other Action	Review and conditionally approve workplan to complete the site assessment work. The workplan proposes to drill a total of 6 soil borings to collect samples to assess the backfill, tank excavation, and piping runs.	Weimer, Rober
05/09/2008	Exposure Tracking Model Ranking	Site ranked on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
06/16/2008	Report or Workplan Review - Other	November 29, 2007 confirmation soil sampling. Up to <3.35 mg/kg GRO, <200 mg/kg DRO, and <0.0168 mg/kg benzene in the soil samples collected. All samples meet default cleanup levels.	Weimer, Rober
06/17/2008	Exposure Tracking Model Ranking	Updated site ranking to reflect the results of the 2007 confirmation soil sampling.	Weimer, Rober
06/17/2008	Site Closure Approved	Site meets default cleanup levels. No Further Action letter was issued on 6/17/08.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **MOA - AWWU - Anchorage Headquarters bldg.**

Site Name:	MOA - AWWU - Anchorage Headquarters bldg.
Address:	3000 Arctic Blvd.; Anchorage, AK 99503
File Number:	2100.26.314
Hazard ID:	23990
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	Municipality of Anchorage
Latitude:	61.192259
Longitude:	-149.899461
Section:	
Meridian:	
Range:	
Township:	

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

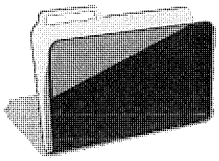
Removal of two gasoline and one diesel UST on April 13, 1993. Holes were found in the bottoms of the two gasoline tanks. Later in April 1993 630 tons of contaminated soils were excavated and thermally treated. In 1993 contaminated soil was identified at the base of the excavation (up to 0.606 mg/kg benzene, and 0.212 mg/kg Tetrachloroethylene - PCE), a fuel sheens and product were found on the shallow groundwater (8 feet below ground surface) in the northern and central portion of the excavation. A groundwater sample was collected from a test pit 20 feet to the east and was non-detect, but groundwater is estimated to flow to the west or northwest. Site Characterization work conducted in June/July 201 They drilled eight soil borings, seven to 15 feet below ground surface (bgs) and one to 32 feet bgs (at the solvent contaminated area) to help determine the thickness of the shallow aquifer, but no confining layer was encountered within 32 feet of the ground surface. Three of the boring will be completed as long term monitoring wells. Depth to groundwater rang between 7.40 to 8.11 feet bgs. Soil and groundwater samples will be collected to help characterize the level and extent of any remaining soil and groundwater contamination at the site. One one soil sample exceeded default cleanup levels (MW3) it had 0.032 mg/kg benzene, <22.8 mg/kg DRO, <57.0 mg/kg RRO, <2.18 mg/kg GRO, all other VOC and HVOC were non-detect. The contamiantion was detected in only 1 of 3 monitoring wells (MW3), it had 9.32 ug/l benzene, <0.385 mg/l DRO, <0.385 mg/l RRO, <0.100 mg/l GRO, and non-detect other VOCs. The remaining soil and groundwater contamination appears to be in a localized area on property near monitoring well MW3. FKA L69.42

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Ed Young**

Site Name:	Ed Young
Address:	1401 W. 33rd Ave.; Anchorage, AK 99503
File Number:	2100.26.123
Hazard ID:	23868
Staff:	No Longer Assigned - 9074655390
Status:	Cleanup Complete
Landowner:	E. J. Young
Latitude:	61.190538
Longitude:	-149.909185
Section:	
Meridian:	
Range:	
Township:	



Closure Details Report

Problem / Comments

Former site manager Jennifer Roberts. Bristol Silica & Limestone Co. Owner Edward J. Young, 820 N. River Rd. Gold Hill, OR 97525. (503) 582-3669, (503) 855-1144. L55.02

Action Information

Action Date	Action	Description	DEC Staff
05/30/1990	Underground Storage Tank Site Characterization or Assessment	SA1R; Reviewed a phase 1 site assessment report.	Not Assigned,
06/01/1990	Update or Other Action	F; Shannon & Wilson assisted Sky Blue Chems, Anchorage AK in evaluating a bior remediation process for treating soil temporarily stockpiled on site. Report submitted showed results to be inconclusive. Wants to do more testing of contaminated soil with process.	Not Assigned,
06/01/1990	Long Term Monitoring Established	MS; Based on PID readings the most serious contamination was encountered in the eastern portion of the excavation. Soil sample S-50 had total petroleum hydrocarbons of 97ppm.	Not Assigned,
06/04/1990	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 76562 ADD;	Not Assigned,
06/04/1990	Site Added to Database		Not Assigned,
06/05/1990	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	LCAU; :LCAU Date changed DB conversion	Not Assigned,
06/13/1990	Update or Other Action	F; Sky Blue Chems' bio-remediation 1st application occurred soon after the soil lift had been spread out & graded. 300 gallons of solution sprayed over the surface of the soil lift during each application for 3 applications.	Not Assigned,
07/12/1990	Long Term Monitoring Established	MS; Bio Remediation results show that average for 5 samples on 6/20 was 79ppm TPH & on 7/2 average was 66ppm for - 16% decrease overall.	Not Assigned,
08/17/1990	Site Visit	FI; Moisture content looked good, soil temperature reflected surface temperature. Need to go much slower with treatment with small/low quantities of total petroleum hydrocarbon contamination than with large amount. Next meeting 9/20/90 at AWDO.	Not Assigned,
09/24/1990	Update or Other Action	F; Letter to Ed Young: Soil bioremediation project review shows that no further assessment or cleanup is necessary other than asphalt covering over the bio-remediated soils. Notify DEC in writing to verify that asphalt has been installed.	Not Assigned,
04/20/1992	Update or Other Action	UPD; All that remains is the placing of an asphalt covering over remediated soils. This has not been done yet, but Mr. Young indicated it will be paved in 1992. He will send a letter to the Department when it is all done.	Not Assigned,
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: E. J. YOUNG	Not Assigned,
12/12/1997	Update or Other Action	asphalted site. Last thing Jennifer Robert asked him to do.; Ed Young; 276-2212	Not Assigned,
12/17/1997	Long Term Monitoring Complete	Entered by E. Reese 1/23/06	Reese, Evonne
12/17/1997	Site Closure Approved	NFA Issued	Not Assigned,

CONTAMINATED SITES DATABASE

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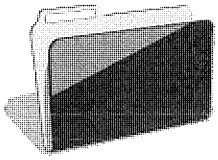
Cleanup Chronology Report for **DESCO - 4305 Greenland Drive**

Site Name:	DESCO - 4305 Greenland Drive
Address:	4305 Greenland Drive Anchorage, AK 99518
File Number:	2100.26.245
Hazard ID:	23139
Staff:	Robert Weimer - 9072697525
Status:	Cleanup Complete
Landowner:	Ray Debenham
Latitude:	61.181098
Longitude:	-149.913777
Section:	
Meridian:	
Range:	
Township:	



Closure Details Report

Problem / Comments

A 900 gallon gasoline tank was removed on August 5, 1989. Contaminated soil was excavated to 5 feet but no excavation confirmation samples were analyzed. Contamination appears to extend to the east from the excavation based on field readings. 13.5 cubic yards of excavated contaminated soil was disposed of at the Anchorage regional landfill in 19 Two soil borings and a monitoring well were installed as part of a release investigation in March 2005. That release investigation verified that the remaining soil and groundwater me site cleanup levels. A No Further Action letter was issued on April 8, 2005.

Action Information

Action Date	Action	Description	DEC Staff
08/05/1989	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 76024 A 900 gallon gasoline tank was removed on August 5, 1989. Contaminated soil was excavated to 5 feet but no excavation confirmation samples were analyzed.	Weimer, Rober
08/05/1989	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	13.5 cubic yards of contaminated soil removed during tank pull.	Weimer, Rober
08/05/1989	Site Added to Database		Not Assigned,
08/15/1991	Leaking Underground Storage Tank Corrective Action Underway	13.5 cubic yards of excavated contaminated soil was disposed of at the Anchorage regional landfill.	Weimer, Rober
02/15/2005	Underground Storage Tank Site Characterization or Assessment	The 1989 site assessment report is submitted.	Weimer, Rober
02/16/2005	Update or Other Action	RECKEY has automatically been generated.	Not Assigned,
02/24/2005	Release Investigation	Reviewed and approved release investigation workplan. Workplan calls for installing 2 soil borings in the former tank excavation and completing one as a monitoring well. Contaminated drill cuttings are to be thermally treated at ASR.	Weimer, Rober
04/07/2005	Report or Workplan Review - Other	Two soil borings and a monitoring well were installed as part of a release investigation in March 2005. That release investigation verified that the remaining soil and groundwater meet site cleanup levels.	Weimer, Rober
04/08/2005	Site Closure Approved	A No Further Action letter was issued on April 8, 2005. All soil and groundwater meet site cleanup levels.	Weimer, Rober
04/12/2005	Update or Other Action	GIS Information added. NAD27.	Cunningham, Sarah

CONTAMINATED SITES DATABASE

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Cleanup Chronology Report for **Postal Facility on Arctic Blvd (formerly)**

Site Name:	Postal Facility on Arctic Blvd (formerly)
Address:	3719 (3737) Arctic Blvd.; Anchorage, AK 99503
File Number:	2100.26.216
Hazard ID:	24016
Staff:	Robert Weimer - 9072697525
Status:	Active
Landowner:	Mph Trust
Latitude:	61.186567
Longitude:	-149.897503
Section:	
Meridian:	
Range:	
Township:	

Institutional Controls Report
No ICs exist for this site.

Problem / Comments

Facility formerly leased by U.S. Postal Service. Currently a self-storage facility. In 1989 a 6,000 gallon gasoline tank and 65 cubic yards of contaminated soil were removed. Soil and groundwater assessment in October 1990 detected up to 626 ppm TPH in the soils and up to 2980 ppb benzene in groundwater samples. Monitoring wells were installed to help def the extent of the soil and groundwater contamination at the site. Soil borings installed in 1996 found up to 4430 mg/kg DRO and 120 mg/kg GRO just to the north of monitoring well MW-3, and 0.14 mg/kg benzene at monitoring well MW-2. Groundwater is at about 7 to 10 feet below ground surface and flows to the northwest to west directions. ORC socks were placed in monitoring wells MW2, MW3, MW4, MW7, and MW8 on October 31, 2003. The ORC socks were removed on May 10, 2004. Replacement ORC socks were put in the monitoring wells on May 15, 2004. ORC sock have been removed since November 2005. Groundwater monitoring continues at the site on an annual basis. F.K.A. L55.48

Action Information

Action Date	Action	Description	DEC Staff
05/23/1989	Site Visit	Tank tightness test performed for Postal Service in May 1989 showed tank probably tight, but leak found around faulty check valve back into the tank.	Not Assigned,
09/20/1989	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 77977 Contaminated soil and groundwater found during tank removal.	Not Assigned,
09/20/1989	Site Added to Database		Not Assigned,
09/21/1989	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	Some contaminated soil removed during tank pull.	Not Assigned,
11/10/1989	Underground Storage Tank Site Characterization or Assessment	Removal of tank and some contaminated soil. Water sample obtained from excavation by Hunter Environmental Services, Inc. Approx. 65 yards of contaminated soil removed and stockpiled on site. Up to 247 ppm TPH detected in soil (Method 418.1). Up to 1340 ppb benzene detected in the groundwater.	Not Assigned,
07/01/1990	Release Investigation	Groundwater Assessment Work Plan prepared by DOWL Engineers. Includes installation of monitoring wells and proposed soil disposal at municipal landfill or thermal treatment at Anchorage Sand & Gravel. Approved with additions of soil assessment work plan, additional water samples, activity status of local wells and disposal plan for soil.	Not Assigned,
08/30/1990	Update or Other Action	Soil Disposal Plan prepared by DOWL Engineers. They propose disposal at Anchorage Regional Landfill. Approval by ADEC contingent upon verification of receipt by landfill.	Not Assigned,
09/24/1990	Report or Workplan Review - Other	Contaminated soil transported from site to Anchorage Regional Landfill for disposal. Disposal receipts obtained by DOWL Engineers.	Not Assigned,
10/01/1990	Report or Workplan Review - Other	Groundwater Assessment Report prepared by DOWL Engineers and dated October 1990. Soil and groundwater samples obtained. Analyses of soil samples detected up to 626 ppm TPH (Method 418.1). Water samples showed up to 2980 ppb benzene. They proposed to install two additional monitoring wells.	Not Assigned,
10/30/1990	Report or Workplan Review - Other	Reviewed a phase 2 site assessment report.	Not Assigned,
12/04/1990	Update or Other Action	RP plans to install 2 additional monitoring wells. Requested Modified 8015 for TPH instead of 418.1. Approved by ADEC.	Not Assigned,
01/31/1991	Report or Workplan Review - Other	Results from monitoring well sampling. Monitoring well MW 3 had 2470 ppb benzene. DOWL stated that contamination is localized and has not migrated to MW 4, 5, or 6. Remedial action plan to be sent after more testing/site work.	Not Assigned,
07/24/1992	Update or Other Action	ADEC letter requesting a current Corrective Action Plan for this site. Groundwater is contaminated from the former leaking underground storage tank. Deadline given of August 14, 1992.	Not Assigned,
08/11/1992	Update or Other Action	Due to contaminant levels in the groundwater above cleanup levels when water level is high, propose to install a vapor extraction system to remove remaining contamination.	Not Assigned,
11/08/1996	Report or Workplan Review - Other	Two soil borings installed in 1996 found up to 4430 mg/kg DRO and 120 mg/kg GRO just to the north of monitoring well MW-3, and 0.14 mg/kg benzene at monitoring well MW-2.	Weimer, Rober
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: MPH TRUST, C/O HOGE & LEKISCH	Not Assigned,
05/29/2002	Update or Other Action	Assigned to DEC staff Amanda Dreyer	Weimer, Rober
06/06/2002	Update or Other Action	Letter Request for Corrective Action plan and Groundwater monitoring	Dreyer, Amand
07/10/2002	Update or Other Action	Received Semi-annual groundwater monitoring and sampling plan	Dreyer, Amand
07/17/2002	Update or Other Action	Approved the semi-annual groundwater monitoring sampling plan. Shannon and Wilson sampled the wells on 7/15/02 per the request of the RP	Dreyer, Amand
06/20/2003	Report or Workplan Review - Other	June 20, 2003 groundwater monitoring event. Up to 0.115 mg/l GRO, 1.50 mg/l DRO, and 24.7 ug/l benzene in the groundwater. Depth to groundwater was 8 to 10 feet below ground surface. The groundwater flow direct was to the northwest. The furthest downgradient monitoring well (MW-8) continues to meet all cleanup levels. The benzene contamination concentrations increased in 1 monitoring well (MW3).	Weimer, Rober
10/31/2003	Update or Other Action	ORC socks were placed in monitoring wells MW2, MW3, MW4, MW7, and MW8 on October 31, 2003. The ORC socks were removed on May 10, 2004.	Weimer, Rober
02/26/2004	Update or Other Action	Cost recovery payment received.	Henry, Eric
05/15/2004	Report or Workplan Review - Other	May 15, 2004 groundwater monitoring event. Up to 0.344 mg/l GRO, 0.974 mg/l DRO, and 123 ug/l benzene in the groundwater. There results may be biased low because ORC sock had been removed just 5 days prior to the sampling. Depth to groundwater was 6 to 7 feet below ground surface. The groundwater flow direction was to the northwest. The furthest downgradient monitoring well (MW-8) continues to meet all cleanup levels. The benzene contamination concentrations increased in 3 monitoring wells (MW3, MW4, and MW7). New ORC socks were placed in the monitoring wells after sampling.	Weimer, Rober
10/07/2004	Report or Workplan Review - Other	October 7, 2004 groundwater monitoring event. Up to 0.418 mg/l GRO, 0.780 mg/l DRO, and 91.1 ug/l benzene in the groundwater. There results may be biased low because ORC sock had been removed just prior to the sampling. Depth to groundwater was 6 to 7 feet below ground surface. The groundwater flow direction was generally to the northwest. The furthest downgradient monitoring well (MW-8) continues to meet all cleanup levels. The benzene contamination concentrations increased in 1 monitoring well (MW2). ORC socks have been placed back in the monitoring wells.	Weimer, Rober
05/08/2006	Report or Workplan Review - Other	December 6, 2005 groundwater monitoring event. Up to 0.942 mg/l GRO, 0.445 mg/l DRO, and 229 ug/l benzene in the groundwater. The results may be biased low because ORC sock had been removed just 7 days prior to the sampling. Depth to groundwater was 9 to 10 feet below ground surface. The groundwater flow direction was generally to the northwest. The furthest downgradient monitoring well (MW-8) continues to meet all cleanup levels. The benzene contamination concentrations increased in 1 monitoring well (MW3). No ORC socks have been in the monitoring wells since November 30, 2005.	Weimer, Rober
05/08/2006	Update or Other Action	Discussed request for reduction in groundwater monitoring with RP's consultant. Because ORC socks were removed only one week before the sampling event the results may be biased low. ADEC requests that a groundwater sampling event be conducted in 2006 (MW2, MW3, MW4, MW7, and MW8 for BTEX, GRO, and DRO). Based on the results we may be able to reduce the sampling at this site.	Weimer, Rober
12/15/2006	Update or Other Action	Staff reassigned from Henry to Weimer.	Blandford, Agg
12/04/2007	Update or Other Action	Talked with RP's consultant he will submit the report for the October 5, 2006 groundwater monitoring event. To review the results of the sampling to see if a reduction in DRO analysis is warranted.	Weimer, Rober
04/17/2008	Exposure Tracking Model Ranking	Site ranked on the new Exposure Tracking Model (ETM). The ETM is a new site ranking system that looks at, based on available data, the potential exposure pathways for the contamination remaining at the site.	Weimer, Rober
09/05/2008	Report or Workplan Review - Other	October 5, 2006 groundwater monitoring event. Up to 0.242 mg/l GRO, <1.56 mg/l DRO, and 84.7 ug/l benzene in the groundwater. Depth to groundwater was 7.0 to 8.02 feet below ground surface. The groundwater flow direction was generally to the northwest. The furthest downgradient monitoring well (MW-8) continues to meet all cleanup levels. The benzene and GRO contamination concentrations increased in 2 monitoring wells (MW2 and MW7). No ORC socks have been in the monitoring wells since November 30, 2005.	Weimer, Rober
09/22/2008	Report or Workplan Review - Other	December 21, 2007 groundwater monitoring event. Up to 0.285 mg/l GRO, <1.56 mg/l DRO, and 107 ug/l benzene in the groundwater. Depth to groundwater was 8.39 to 9.13 feet below ground surface. The groundwater flow direction was to the west. Due to the shift of the groundwater to the west (from the typical northwest direction) during this monitoring event, there were no monitoring wells downgradient of the most contaminated monitoring well MW-3. The benzene and GRO contamination concentrations increased in monitoring well MW-3. No ORC socks have been in the monitoring wells since November 30, 2005.	Weimer, Rober
09/22/2008	Update or Other Action	Discussed groundwater sampling with RP's consultant. Sent request for continued annual BTEX/GRO sampling in all of the monitoring wells. Approved suspending DRO in all monitoring wells except MW-4.	Weimer, Rober
10/11/2011	Site Characterization Report Approved	June 1, 2009 groundwater monitoring event. Up to <0.1 mg/l GRO, <0.833 mg/l DRO, and 6.38 ug/l benzene in the groundwater. Depth to groundwater was 8.35 to 9.16 feet below ground surface. The groundwater flow direction was to the west. Due to the shift of the groundwater to the west (from the typical northwest direction) during this monitoring event, there were no monitoring wells downgradient of the most contaminated monitoring well MW-3. The benzene contamination concentrations increased in monitoring well MW-7. No ORC socks have been in the monitoring wells since November 30, 2005.	Weimer, Rober

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Favco Incorporated**

Site Name:	Favco Incorporated
Address:	1205 West 29th Avenue; Anchorage, AK 99503
File Number:	2100.26.527
Hazard ID:	23698
Staff:	No Longer Assigned - 9074655390
Status:	Cleanup Complete
Landowner:	FAVCO, Inc.
Latitude:	61.188510
Longitude:	-149.730980
Section:	
Meridian:	
Range:	
Township:	

Closure Details Report

Problem / Comments

Notice Of Violation sent 12/22/94 for failure to report spill, failure to conduct a Release Investigation, and failure to undertake Corrective Action.

Action Information

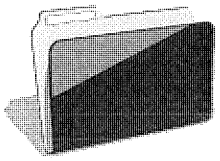
Action Date	Action	Description	DEC Staff
12/21/1994	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 76441 ADD; Site added to database.	Not Assigned,
12/21/1994	Site Added to Database		Not Assigned,
12/22/1994	Underground Storage Tank Site Characterization or Assessment	SA1R; Site Assessment Report reviewed.	Not Assigned,
12/22/1994	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	LCAU; LUST corrective action underway. : LCAU date changed DB conversion	Not Assigned,
09/12/1995	Update or Other Action	CAPR; Reviewed files.	Not Assigned,
11/20/1997	Update or Other Action	ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: FAVCO, INC.	Not Assigned,
12/01/1997	Update or Other Action	contamination uner buidling remains, will expose area when put in water line. Shannon and wilson to do work.; Greg of Favco, Inc.; 278-1525	Not Assigned,
04/14/2000	Site Closure Approved	Entered by JC (QA/QC check)	Not Assigned,
05/06/2008	Update or Other Action	File number changed from L55.200 to 2100.26.527.	Hurt, Nicole

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **LK Comstock and Company**

Site Name:	LK Comstock and Company
Address:	3707 Arctic Blvd.; Anchorage, AK 99503
File Number:	2100.26.132
Hazard ID:	24089
Staff:	No Longer Assigned - 9074655390
Status:	Cleanup Complete
Landowner:	L.K. Comstock & CO., Inc.
Latitude:	61.187008
Longitude:	-149.897503
Section:	
Meridian:	
Range:	
Township:	



Closure Details Report

Problem / Comments

F.K.A. L55.103.

Action Information

Action Date	Action	Description	DEC Staff
01/21/1991	Leaking Underground Storage Tank Release Confirmed - Petroleum	LUST Site created in CSP for source area ID 76736 ADD; Gasoline & diesel contaminants.	Not Assigned,
01/21/1991	Site Added to Database		Not Assigned,
01/22/1991	Leaking Underground Storage Tank Cleanup Initiated - Petroleum	LCAU; :LCAU Date changed DB conversion	Not Assigned,
03/25/1991	Long Term Monitoring Established	MS; Environmental Services soil boring program results show contamination is found only in the adjacent soils near the surface at the location of the former underground tanks. A groundwater monitoring well installed downgradient at SB4 showed non detect for VPH, EPH, & volatiles aromatic (EPA method 602)	Not Assigned,
02/07/1992	Site Closure Approved	CLOS; Letter - No Further Action - at this site besides receipt of data deliverables for the final water sample	Not Assigned,
02/07/1992	Long Term Monitoring Complete	Entered by E. Reese 1/23/06	Reese, Evonne

Alaska Underground Storage Tank Facility Summary Report

Facility: 877 Arctic Shell

See list of Leaking UST's

Facility Information

Facility ID 877
Facility Name Arctic Shell
Location Address 810 W Tudor Rd, Anchorage, AK 99503

Owner Information

Owner ID 9641
Owner Name In Sook Baik & Company, Inc. For more information
Mailing Address 3635 Mountain View Drive Anchorage, AK 99508

Number of Tanks for this Facility: 8

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Used Oil
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 2/25/1971
Age 18.4

Capacity 550 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 2/25/1971
Age 18.4

Capacity 6000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 3

DEC Tank ID 3
Owner Tank ID 3
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 2/25/1971
Age 18.4

Capacity 8000 gallons
Secondary Containment Option (Tank) None

Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 4 **Next Inspection Due:**

DEC Tank ID	4	**Regulated Tank?**	Yes
Owner Tank ID	4	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	2/25/1971
Closure Status	Tank removed from ground	**Age**	20.4
Product	Gasoline	**Capacity**	8000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 5 **Next Inspection Due: 10/31/2013**

DEC Tank ID	5	**Regulated Tank?**	Yes
Owner Tank ID	2	**Compliance Tag #**	0538
Status	Currently in Use	**Installed**	7/29/1989
Closure Status		**Age**	24.1
Product	Gasoline	**Capacity**	10000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	Double-Walled
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	Double-Walled
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Interstit. Dbl-Wall Monitor
Overfill Prevention Met	Yes	**LD Other Methods**	LD methods updated in 2001 per third party inspection.
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 6 **Next Inspection Due: 10/31/2013**

DEC Tank ID	6	**Regulated Tank?**	Yes
Owner Tank ID	3	**Compliance Tag #**	0539
Status	Currently in Use	**Installed**	7/29/1989
Closure Status		**Age**	24.1
Product	Gasoline	**Capacity**	10000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	Double-Walled
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	Double-Walled
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Interstit. Dbl-Wall Monitor
Overfill Prevention Met	Yes	**LD Other Methods**	LD methods updated in 2001 per third party inspection.
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 7 **Next Inspection Due: 10/31/2013**

DEC Tank ID 7
Owner Tank ID 1
Status Currently in Use
Closure Status

Regulated Tank? Yes
Compliance Tag # 0540
Installed 7/29/1989
Age 24.1

Product Gasoline
Tank Material Construction Fiberglass Reinforced Plastic
Pipe Material Construction Fiberglass Reinforced Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Capacity 10000 gallons
Secondary Containment Option (Tank) Double-Walled
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD Interstit. Dbl-Wall Monitor
LD Other Methods LD methods updated in 2001 per third party inspection.

Tank Information - Tank # 8

Next Inspection Due: 10/1/2008

DEC Tank ID 8
Owner Tank ID 8
Status Permanently Out of Use
Closure Status Tank removed from ground

Regulated Tank? Yes
Compliance Tag # 1117
Installed 7/29/1989
Age 19.9

Product Used Oil
Tank Material Construction Fiberglass Reinforced Plastic
Pipe Material Construction Fiberglass Reinforced Plastic
Piping Type Gravity Feed
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Capacity 550 gallons
Secondary Containment Option (Tank) Double-Walled
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Not Listed
LD Other Methods MTG not being done in 2001. Note: 1/20/2006 - MTG done weekly and reconciled once a month per stn mngr Jeff Pfiel. CEP. 2007 Inspection Report: No manual tank gauging and/or reconciliation was being done in the last 12 months. CEP.

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Texaco - #85 - Arctic **Source:** UST contamination **Cause:** NA	23605	77	Active	2/15/1989

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2884 Holiday #630

See list of Leaking UST's

Facility Information

Facility ID 2884
Facility Name Holiday #630
Location Address 3727 Spenard Rd, Anchorage, AK 99517

Owner Information

Owner ID 9579
Owner Name Holiday Alaska, Inc. For more information
Mailing Address 4567 American Blvd W PO Box 1224 Minneapolis, MN 55440

Number of Tanks for this Facility: 4

Tank Information - Tank # 1

Next Inspection Due: 10/31/2015

DEC Tank ID 1
Owner Tank ID 1
Status Currently in Use
Closure Status
Product Gasoline
Tank Material Construction Composite (Steel w/ FRP)
Pipe Material Construction Flexible Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Regulated Tank? Yes
Compliance Tag # 0134
Installed 8/1/1992
Age 21
Capacity 10000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD SIR
LD Other Methods Stage 1 Vapor recovery installed 8/10

Tank Information - Tank # 2

Next Inspection Due: 10/31/2015

DEC Tank ID 2
Owner Tank ID 2
Status Currently in Use
Closure Status
Product Gasoline
Tank Material Construction Composite (Steel w/ FRP)
Pipe Material Construction Flexible Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Regulated Tank? Yes
Compliance Tag # 0135
Installed 8/1/1992
Age 21
Capacity 10000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD SIR
LD Other Methods Stage 1 vapor recovery installed 8/10

Tank Information - Tank # 3

Next Inspection Due: 10/31/2015

DEC Tank ID 3
Owner Tank ID 3
Status Currently in Use
Closure Status
Product Gasoline
Tank Material Construction Composite (Steel w/ FRP)

Regulated Tank? Yes
Compliance Tag # 0136
Installed 8/1/1992
Age 21
Capacity 10000 gallons
Secondary Containment Option (Tank) None

Pipe Material Construction Flexible Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD SIR
LD Other Methods

Tank Information - Tank # 4

Next Inspection Due: 10/31/2015

DEC Tank ID 4
Owner Tank ID 4
Status Currently in Use
Closure Status
Regulated Tank? Yes
Compliance Tag # 0137
Installed 8/1/1992
Age 21

Product Gasoline
Tank Material Construction Composite (Steel w/ FRP)
Pipe Material Construction Flexible Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes
Capacity 10000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD SIR
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Holiday Station Store #630 / Williams Express Store #5030 Source: USTs Cause: NA	23316	2349	Cleanup Complete - Institutional Controls	8/25/1999
Holiday Station Store #630 / Williams Express Store #5030 Overfill Source: USTs Cause: NA	22986	2660	Cleanup Complete - Institutional Controls	8/15/2001

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 47 CIMG-Fountain Chevron

See list of Leaking UST's

Facility Information

Facility ID 47
Facility Name CIMG-Fountain Chevron
Location Address 3608 Minnesota Dr, Anchorage, AK 99503

Owner Information

Owner ID 9585
Owner Name Cook Inlet Marketing Group, Inc. For more information
Mailing Address 2121 Saratoga Avenue Anchorage, AK 99517

Number of Tanks for this Facility: 9

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Cathodically Protected Steel
Pipe Material Construction Not Listed
Piping Type Pressurized

Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met Yes

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 4/22/1969
Age 26.3

Capacity 10000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) Cathodically Protected
Piping Release Detection Auto Line LD Line Tightness Testing
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Cathodically Protected Steel
Pipe Material Construction Not Listed
Piping Type Pressurized

Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met Yes

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 4/22/1969
Age 26.3

Capacity 10000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) Cathodically Protected
Piping Release Detection Auto Line LD Line Tightness Testing
LD Other Methods

Tank Information - Tank # 3

DEC Tank ID 3
Owner Tank ID 3
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 4/22/1969
Age 26.3

Capacity 5000 gallons

Tank Material Construction	Cathodically Protected Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Not Listed	**Secondary Containment Option (Piping)**	Cathodically Protected
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	Yes		

Tank Information - Tank # 4

Next Inspection Due:

DEC Tank ID	4	**Regulated Tank?**	Yes
Owner Tank ID	4	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	4/22/1969
Closure Status	Tank removed from ground	**Age**	26.3
Product	Used Oil	**Capacity**	1000 gallons
Tank Material Construction	Cathodically Protected Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Not Listed	**Secondary Containment Option (Piping)**	Cathodically Protected
Piping Type	Gravity Feed	**Piping Release Detection**	Other Methods
Overfill Prevention Met	No	**LD Other Methods**	Pipe: NO PIPING
Spill Prevention Met	No		
Cathodic Protection Met	Yes		

Tank Information - Tank # 5

Next Inspection Due:

DEC Tank ID	5	**Regulated Tank?**	Yes
Owner Tank ID	5	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Diesel	**Capacity**	500 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Bare Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 6

Next Inspection Due:

DEC Tank ID	6	**Regulated Tank?**	No
Owner Tank ID	6	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Diesel	**Capacity**	40 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Bare Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 7

Next Inspection Due: 10/31/2016

DEC Tank ID	7	**Regulated Tank?**	Yes
Owner Tank ID	1	**Compliance Tag #**	0456
Status	Currently in Use	**Installed**	8/1/1995
Closure Status		**Age**	18.1
Product	Diesel	**Capacity**	15000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	Double-Walled
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	Double-Walled
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Interstit. Dbl-Wall Monitor
Overfill Prevention Met	Yes	**LD Other Methods**	
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 8

Next Inspection Due: 10/31/2016

DEC Tank ID	8	**Regulated Tank?**	Yes
Owner Tank ID	2	**Compliance Tag #**	0457
Status	Currently in Use	**Installed**	8/1/1995
Closure Status		**Age**	18.1
Product	Gasoline	**Capacity**	15000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	Double-Walled
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	Double-Walled
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Interstit. Dbl-Wall Monitor
Overfill Prevention Met	Yes	**LD Other Methods**	
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 9

Next Inspection Due: 10/31/2016

DEC Tank ID	9	**Regulated Tank?**	Yes
Owner Tank ID	3	**Compliance Tag #**	0458
Status	Currently in Use	**Installed**	8/1/1995
Closure Status		**Age**	18.1
Product	Gasoline	**Capacity**	15000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	Double-Walled
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	Double-Walled
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Interstit. Dbl-Wall Monitor
Overfill Prevention Met	Yes	**LD Other Methods**	
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Chevron - #9014 **Source:** 1992 UST contamination **Cause:** NA	23570	321	Active	9/7/1992

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2288 Alpina Gas Service (formerly Ols

Facility Information

Facility ID 2288
Facility Name Alpina Gas Service (formerly Ols
Location Address 3607 Spenard RD, Anchorage, AK 99503

Owner Information

Owner ID 2098
Owner Name Alpina Auto Repair C/0 Rasim Kad For more information
Mailing Address 3607 Spenard RD Anchorage, AK 99503

Number of Tanks for this Facility: 9

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel
Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 12000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Line Tightness Testing
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel
Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 4000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Line Tightness Testing
LD Other Methods

Tank Information - Tank # 3

DEC Tank ID 3
Owner Tank ID 3
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 3000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None

Piping Type	Safe Suction	**Piping Release Detection**	Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 4

Next Inspection Due:

DEC Tank ID	4	**Regulated Tank?**	Yes
Owner Tank ID	4	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Gasoline	**Capacity**	2000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Safe Suction	**Piping Release Detection**	Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 5

Next Inspection Due:

DEC Tank ID	5	**Regulated Tank?**	Yes
Owner Tank ID	5	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Gasoline	**Capacity**	12000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 6

Next Inspection Due:

DEC Tank ID	6	**Regulated Tank?**	Yes
Owner Tank ID	6	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Diesel	**Capacity**	2000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 7

Next Inspection Due:

DEC Tank ID	7	**Regulated Tank?**	Yes
Owner Tank ID	7	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	

Closure Status	Tank removed from ground	**Age**	
Product	Diesel	**Capacity**	2000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 8

Next Inspection Due:

DEC Tank ID	8	**Regulated Tank?**	Yes
Owner Tank ID	8	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Diesel	**Capacity**	10000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Line Tightness Testing
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 9

Next Inspection Due:

DEC Tank ID	9	**Regulated Tank?**	Yes
Owner Tank ID	9	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	
Closure Status	Tank removed from ground	**Age**	
Product	Used Oil	**Capacity**	500 gallons
Tank Material Construction	Not Listed	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Not Listed	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 903 Shell #24 (121114)

See list of Leaking UST's

Facility Information

Facility ID 903
Facility Name Shell #24 (121114)
Location Address 3304 Spenard Rd, Anchorage, AK 99503

Owner Information

Owner ID 9577
Owner Name Shell Oil Products US For more information
Mailing Address Legislative and Regulatory Advisor PO Box 490 Seal Beach, CA 90740

Number of Tanks for this Facility: 11

Tank Information - Tank # 1

Next Inspection Due: 10/31/2009

DEC Tank ID 1
Owner Tank ID 1F
Status Permanently Out of Use
Closure Status Tank removed from ground
Product Used Oil
Tank Material Construction Fiberglass Reinforced Plastic
Pipe Material Construction Fiberglass Reinforced Plastic
Piping Type Gravity Feed
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Regulated Tank? Yes
Compliance Tag #
Installed 2/24/1986
Age 22.8
Capacity 550 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

Next Inspection Due: 10/31/2009

DEC Tank ID 2
Owner Tank ID 2F
Status Permanently Out of Use
Closure Status Tank removed from ground
Product Gasoline
Tank Material Construction Fiberglass Reinforced Plastic
Pipe Material Construction Fiberglass Reinforced Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Regulated Tank? Yes
Compliance Tag #
Installed 2/24/1986
Age 22.8
Capacity 12000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Auto Line LD Line Tightness Testing GW Monitoring
LD Other Methods Sump sensor is installed but is not part of the RD. CEP 7/25/08.

Tank Information - Tank # 3

Next Inspection Due: 10/31/2009

DEC Tank ID 3
Owner Tank ID 3F
Status Permanently Out of Use
Closure Status Tank removed from ground
Product Gasoline
Tank Material Construction Fiberglass Reinforced Plastic

Regulated Tank? Yes
Compliance Tag #
Installed 2/24/1986
Age 22.8
Capacity 10000 gallons
Secondary Containment Option (Tank) None

Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Line Tightness Testing GW Monitoring
Overfill Prevention Met	Yes	**LD Other Methods**	Sump sensor is installed but is not part of the RD. CEP 7/25/08.
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 4 **Next Inspection Due: 10/31/2009**

DEC Tank ID	4	**Regulated Tank?**	Yes
Owner Tank ID	4F	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	2/24/1986
Closure Status	Tank removed from ground	**Age**	22.8
Product	Gasoline	**Capacity**	10000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Line Tightness Testing GW Monitoring
Overfill Prevention Met	Yes	**LD Other Methods**	Sump sensor is installed but is not part of the RD. CEP 7/25/08.
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 5 **Next Inspection Due: 10/31/2009**

DEC Tank ID	5	**Regulated Tank?**	Yes
Owner Tank ID	5F	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	2/24/1986
Closure Status	Tank removed from ground	**Age**	22.8
Product	Diesel	**Capacity**	8000 gallons
Tank Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Fiberglass Reinforced Plastic	**Secondary Containment Option (Piping)**	None
Piping Type	Pressurized	**Piping Release Detection**	Auto Line LD Line Tightness Testing GW Monitoring
Overfill Prevention Met	Yes	**LD Other Methods**	Sump sensor is installed but is not part of the RD. CEP 7/25/08.
Spill Prevention Met	Yes		
Cathodic Protection Met	Yes		

Tank Information - Tank # 6 **Next Inspection Due:**

DEC Tank ID	6	**Regulated Tank?**	Yes
Owner Tank ID	1	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	2/25/1960
Closure Status	Tank removed from ground	**Age**	28.5
Product	Used Oil	**Capacity**	550 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 7

DEC Tank ID	7
Owner Tank ID	2
Status	Permanently Out of Use
Closure Status	Tank removed from ground
Product	Gasoline
Tank Material Construction	Asphalt Coated or Bare Steel
Pipe Material Construction	Galvanized Steel
Piping Type	Not Listed
Overfill Prevention Met	No
Spill Prevention Met	No
Cathodic Protection Met	No

Next Inspection Due:

Regulated Tank?	Yes
Compliance Tag #	
Installed	2/24/1973
Age	15.5
Capacity	6000 gallons
Secondary Containment Option (Tank)	None
Secondary Containment Option (Piping)	None
Piping Release Detection	Not Listed
LD Other Methods	

Tank Information - Tank # 8

DEC Tank ID	8
Owner Tank ID	3
Status	Permanently Out of Use
Closure Status	Tank removed from ground
Product	Gasoline
Tank Material Construction	Asphalt Coated or Bare Steel
Pipe Material Construction	Galvanized Steel
Piping Type	Not Listed
Overfill Prevention Met	No
Spill Prevention Met	No
Cathodic Protection Met	No

Next Inspection Due:

Regulated Tank?	Yes
Compliance Tag #	
Installed	2/25/1960
Age	28.5
Capacity	4000 gallons
Secondary Containment Option (Tank)	None
Secondary Containment Option (Piping)	None
Piping Release Detection	Not Listed
LD Other Methods	

Tank Information - Tank # 9

DEC Tank ID	9
Owner Tank ID	4
Status	Permanently Out of Use
Closure Status	Tank removed from ground
Product	Gasoline
Tank Material Construction	Asphalt Coated or Bare Steel
Pipe Material Construction	Galvanized Steel
Piping Type	Not Listed
Overfill Prevention Met	No
Spill Prevention Met	No
Cathodic Protection Met	No

Next Inspection Due:

Regulated Tank?	Yes
Compliance Tag #	
Installed	2/25/1960
Age	28.5
Capacity	4000 gallons
Secondary Containment Option (Tank)	None
Secondary Containment Option (Piping)	None
Piping Release Detection	Not Listed
LD Other Methods	

Tank Information - Tank # 10

DEC Tank ID	10
Owner Tank ID	5
Status	Permanently Out of Use
Closure Status	Tank removed from ground
Product	Gasoline
Tank Material Construction	Asphalt Coated or Bare Steel

Next Inspection Due:

Regulated Tank?	Yes
Compliance Tag #	
Installed	2/25/1960
Age	28.5
Capacity	4000 gallons
Secondary Containment Option (Tank)	None

Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Tank Information - Tank # 11

Next Inspection Due:

DEC Tank ID	11	**Regulated Tank?**	Yes
Owner Tank ID	6	**Compliance Tag #**	
Status	Permanently Out of Use	**Installed**	2/25/1960
Closure Status	Tank removed from ground	**Age**	28.5
Product	Gasoline	**Capacity**	4000 gallons
Tank Material Construction	Asphalt Coated or Bare Steel	**Secondary Containment Option (Tank)**	None
Pipe Material Construction	Galvanized Steel	**Secondary Containment Option (Piping)**	None
Piping Type	Not Listed	**Piping Release Detection**	Not Listed
Overfill Prevention Met	No	**LD Other Methods**	
Spill Prevention Met	No		
Cathodic Protection Met	No		

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Texaco Service Station 63-057-0024 (Shell) **Source:** piping leak 1996 and hydraulic oil **Cause:** NA	24200	2654	Active	3/6/2001
Texaco - #24 Y & B **Source:** autogenerated pm edit - Texaco - #24 Y & B **Cause:** NA	23587	67	Cleanup Complete	8/25/1988

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2351 Wells-Fargo Corporate Properties Group

See list of Leaking UST's

Facility Information

Facility ID 2351
Facility Name Wells-Fargo Corporate Properties Group
Location Address 1500 W Benson Blvd PO Box 196127, Anchorage, AK 99519

Owner Information

Owner ID 9545
Owner Name Wells-Fargo Bank Corporate Properties Group For more information
Mailing Address 301 W Northern Lights Boulevard PO Box 196127 Anchorage, AK 99519

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Not Listed

Product Diesel
Tank Material Construction Unknown
Pipe Material Construction Copper

Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 5/1/1982
Age 13.1

Capacity 700 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Currently In Use
Closure Status

Product Diesel
Tank Material Construction Cathodically Protected Steel
Pipe Material Construction Flexible Plastic

Piping Type Safe Suction
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes

Next Inspection Due: 10/31/2015
Regulated Tank? Yes
Compliance Tag # 1118
Installed 6/1/1995
Age 18.2

Capacity 1000 gallons
Secondary Containment Option (Tank) Double-Walled
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Not Listed
LD Other Methods high level alarm for overfill

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Former National Bank of Alaska - Benson **Source:** Former 700 Gallon Diesel Emergency Generator UST **Cause:** NA	23108	3053	Cleanup Complete - Institutional Controls	11/27/2006

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 13 E. J. Young

See list of Leaking UST's

Facility Information

Facility ID 13
Facility Name E. J. Young
Location Address 1401 W 33RD,
Anchorage, AK 99503

Owner Information

Owner ID 374
Owner Name E. J. Young For more information
Mailing Address PO Box 91259
Anchorage, AK 99509

Number of Tanks for this Facility: 3

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 3/20/1978
Age 12.5

Capacity 2000 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 3/20/1978
Age 12.5

Capacity 2000 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 3

DEC Tank ID 3
Owner Tank ID 3
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 3/20/1978
Age 12.5

Capacity 500 gallons
Secondary Containment Option (Tank) None

Pipe Material Construction Galvanized Steel
Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Ed Young **Source:** autogenerated pm edit - Ed Young **Cause:** NA	23868	156	Cleanup Complete	6/4/1990

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 1281 MOA - Anchorage Water & Wastewater Utility

See list of Leaking UST's

Facility Information

Facility ID 1281
Facility Name MOA - Anchorage Water & Wastewater Utility
Location Address 3000 Arctic Blvd, Anchorage, AK 99503

Owner Information

Owner ID 805
Owner Name Municipality of Anchorage For more information
Mailing Address PO Box 196650 Anchorage, AK 99519

Number of Tanks for this Facility: 4

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Unknown

Piping Type U.S. Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 3/25/1979
Age 14

Capacity 4000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Unknown

Piping Type U.S. Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 3/25/1979
Age 14

Capacity 4000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 3

DEC Tank ID 3
Owner Tank ID 3
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 3/25/1979
Age 14

Capacity 4000 gallons
Secondary Containment Option (Tank) None

Pipe Material Construction Unknown
Piping Type U.S. Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 4

Next Inspection Due: 10/31/2015

DEC Tank ID 4
Owner Tank ID 4
Status Currently In Use
Closure Status
Regulated Tank? Yes
Compliance Tag # 0023
Installed 6/1/1994
Age 19.2

Product Gasoline
Tank Material Construction Cathodically Protected Steel
Pipe Material Construction Flexible Plastic
Piping Type Safe Suction
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes
Capacity 4000 gallons
Secondary Containment Option (Tank) Double-Walled
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
MOA - AWWU - Anchorage Headquarters bldg. **Source:** 1993 UST sytem removal **Cause:** NA	23990	354	Active	4/14/1993
Anchorage Water and Wastewater Utility Pump Station No 20 **Source:** autogenerated pm edit - Anchorage Water and Wastewater Utility Pump Station No 20 **Cause:** NA	23043	2928	Cleanup Complete	11/3/2003

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 3570 Carrs #1805

Facility Information

Facility ID 3570
Facility Name Carrs #1805
Location Address 1650 W Northern Lights Blvd, Anchorage, AK 99503

Owner Information

Owner ID 2116
Owner Name Safeway, Inc. For more information
Mailing Address 1121-124th Ave NE Bellevue, WA 98005

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

Next Inspection Due: 10/31/2014

DEC Tank ID 1
Owner Tank ID 1
Status Currently In Use
Closure Status
Product Gasoline
Tank Material Construction Composite (Steel w/ FRP)
Pipe Material Construction Flexible Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes
Regulated Tank? Yes
Compliance Tag # 1316
Installed 8/15/2011
Age 2
Capacity 20000 gallons
Secondary Containment Option (Tank) Double-Walled
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD Interstit. Dbl-Wall Monitor
LD Other Methods

Tank Information - Tank # 2

Next Inspection Due: 10/31/2014

DEC Tank ID 2
Owner Tank ID 2A & 2B
Status Currently In Use
Closure Status
Product Gasoline
Tank Material Construction Fiberglass Reinforced Plastic
Pipe Material Construction Flexible Plastic
Piping Type Pressurized
Overfill Prevention Met Yes
Spill Prevention Met Yes
Cathodic Protection Met Yes
Regulated Tank? Yes
Compliance Tag # 1317
Installed 8/15/2011
Age 2
Capacity 20000 gallons
Secondary Containment Option (Tank) Double-Walled
Secondary Containment Option (Piping) Double-Walled
Piping Release Detection Auto Line LD Interstit. Dbl-Wall Monitor
LD Other Methods

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2051 Arctic Annex Building

See list of Leaking UST's

Facility Information

Facility ID 2051
Facility Name Arctic Annex Building
Location Address 3719 Arctic Blvd, Anchorage, AK 99503

Owner Information

Owner ID 2203
Owner Name Mph Trust - Atkinson, Conway & Gagnon For more information
Mailing Address 420 L ST Suite 500 Anchorage, AK 99501

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Bare Steel
Piping Type U.S. Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 10/2/1977
Age 12.1

Capacity 6000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Postal Facility on Arctic Blvd (formerly) **Source:** 1989 UST release **Cause:** NA	24016	113	Active	9/20/1989

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2339 Parker's Resale Service

See list of Leaking UST's

Facility Information

Facility ID 2339
Facility Name Parker's Resale Service
Location Address 3707 Arctic BLVD, Anchorage, AK 99503

Owner Information

Owner ID 1474
Owner Name L.K. Comstock & CO., Inc. For more information
Mailing Address 201 E 42ND ST New York, NY 10017

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Bare Steel

Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 1200 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None

Piping Release Detection Other Methods
LD Other Methods Pipe: UNKNOWN; Tank: UNKNOWN

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Bare Steel

Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 500 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None

Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
LK Comstock and Company **Source:** autogenerated pm edit - LK Comstock and Company **Cause:** NA	24089	215	Cleanup Complete	1/21/1991

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2322 FAVCO, Inc.

See list of Leaking UST's

Facility Information

Facility ID 2322
Facility Name FAVCO, Inc.
Location Address 1205 W 29th AVE, Anchorage, AK 99503

Owner Information

Owner ID 1468
Owner Name FAVCO, Inc. For more information
Mailing Address 1205 W 29th AVE Anchorage, AK 99503

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Not Listed
Pipe Material Construction Not Listed
Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 1/1/1978
Age 35.6

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Favco Incorporated **Source:** autogenerated pm edit - Favco Incorporated **Cause:** NA	23698	424	Cleanup Complete	12/21/1994

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2805 Office Building

Facility Information

Facility ID 2805
Facility Name Office Building
Location Address 1503 W 33RD,
Anchorage, AK 99503

Owner Information

Owner ID 1308
Owner Name Key Pacific Mortgage For more information
Mailing Address P.O. Box 103016
Anchorage, AK 99510

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Unknown
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 1/1/1980
Age 10.7

Capacity 500 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 229 J.C. Penneys

Facility Information

Facility ID 229
Facility Name J.C. Penneys
Location Address 3202 Arctic Blvd, Anchorage, AK 99503

Owner Information

Owner ID 1872
Owner Name J.C. Penney Properties, Inc. For more information
Mailing Address 1301 AVE Of The Americas New York, NY 10019

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank closed in place

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 4/16/1971
Age 42.3

Capacity 1000 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 1910 3300-40 Arctic Blvd. Corp

See list of Leaking UST's

Facility Information

Facility ID 1910
Facility Name 3300-40 Arctic Blvd. Corp
Location Address 3330 Arctic BLVD,
Anchorage, AK 99503

Owner Information

Owner ID 4
Owner Name 3300-40 Arctic Blvd. Corp For more information
Mailing Address 3340 Arctic BLVD #204
Anchorage, AK 99503

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Unknown
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 12/13/1976
Age 12.7

Capacity 3000 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Unknown
Pipe Material Construction Galvanized Steel

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 12/13/1976
Age 12.7

Capacity 3000 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Barretts Office Supply **Source:** autogenerated pm edit - Barretts Office Supply **Cause:** NA	24019	116	Cleanup Complete	10/3/1989

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 240 America Rents, Inc.

Facility Information

Facility ID 240
Facility Name America Rents, Inc.
Location Address 3600 Arctic Blvd, Anchorage, AK 99503

Owner Information

Owner ID 98
Owner Name America Rents, Inc. For more information
Mailing Address 3600 Arctic BLVD Anchorage, AK 99503

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type U.S. Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 5/6/1973
Age 18.2

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Galvanized Steel

Piping Type U.S. Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 5/6/1984
Age 7.2

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 454 New York Life Bldg

See list of Leaking UST's

Facility Information

Facility ID 454
Facility Name New York Life Bldg
Location Address 1400 W Benson Blvd, Anchorage, AK 99503

Owner Information

Owner ID 9043
Owner Name Hoffman Commercial Mgt For more information
Mailing Address 3000 A ST Suite 400 Anchorage, AK 99503

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Cathodically Protected Steel
Pipe Material Construction Other

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 5/2/1986
Age 13.4

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

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Site Name	Hazard ID	Event ID	Status	Spill Date
Former New York Life Building **Source:** 1999 diesel tank **Cause:** NA	25122	2482	Cleanup Complete	2/11/2000

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 450 Kathy O. Estates, Inc. - Emery G

Facility Information

Facility ID 450
Facility Name Kathy O. Estates, Inc. - Emery G
Location Address 909 Chugach Way #12, Anchorage, AK 99503

Owner Information

Owner ID 645
Owner Name Kathy O. Estates, Inc. For more information
Mailing Address 909 Chugach Way Anchorage, AK 99503

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Temporarily Out of Use
Closure Status

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Bare Steel
Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? No
Compliance Tag #
Installed 5/8/1974
Age 39.3

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Bare Steel
Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed 5/9/1975
Age 38.3

Capacity 2000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 133 Spenard Road Facility

See list of Leaking UST's

Facility Information

Facility ID 133
Facility Name Spenard Road Facility
Location Address 3000 Spenard RD, Anchorage, AK 99519

Owner Information

Owner ID 391
Owner Name ENSTAR Natural Gas Company For more information
Mailing Address PO Box 190288 Anchorage, AK 99519

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Copper

Piping Type Safe Suction
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 5/5/1980
Age 16.2

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

Top of Page

Site Name	Hazard ID	Event ID	Status	Spill Date
Enstar Spenard Rd site **Source:** autogenerated pm edit - Enstar Spenard Rd site **Cause:** NA	23996	2699	Cleanup Complete	6/28/2001

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 2800 Former ENSTAR Lot

See list of Leaking UST's

Facility Information

Facility ID 2800
Facility Name Former ENSTAR Lot
Location Address 3002 Spenard RD, Anchorage, AK 99503

Owner Information

Owner ID 1918
Owner Name Robert Brattud For more information
Mailing Address 312 So Catalina AVE Suite E Redondo Beach, CA 90277

Number of Tanks for this Facility: 2

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Gasoline
Tank Material Construction Unknown
Pipe Material Construction Unknown

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 6000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Tank Information - Tank # 2

DEC Tank ID 2
Owner Tank ID 2
Status Permanently Out of Use
Closure Status Tank removed from ground

Product Diesel
Tank Material Construction Unknown
Pipe Material Construction Unknown

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:
Regulated Tank? Yes
Compliance Tag #
Installed
Age

Capacity 1000 gallons
Secondary Containment Option (Tank) None
Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

Leaking UST Information

Top of Page

Site Name	Hazard ID	Event ID	Status	Spill Date
Enstar Warehouse **Source:** autogenerated pm edit - Enstar Warehouse **Cause:** NA	23900	203	Cleanup Complete	10/23/1990

End of Report on 8/19/2013

Alaska Underground Storage Tank Facility Summary Report

Facility: 1164 Gull's, Inc.

Facility Information

Facility ID 1164
Facility Name Gull's, Inc.
Location Address 3704 Wilson ST,
Anchorage, AK 99503

Owner Information

Owner ID 2055
Owner Name James Blake & Margarite Gull For more information
Mailing Address 3515 Knik
Anchorage, AK 99517

Number of Tanks for this Facility: 1

Tank Information - Tank # 1

DEC Tank ID 1
Owner Tank ID 1
Status Permanently Out of Use
Closure Status Not Listed

Product Gasoline
Tank Material Construction Asphalt Coated or Bare Steel
Pipe Material Construction Unknown

Piping Type Not Listed
Overfill Prevention Met No
Spill Prevention Met No
Cathodic Protection Met No

Next Inspection Due:

Regulated Tank? Yes
Compliance Tag #
Installed 6/4/1976
Age 37.2

Capacity 500 gallons
Secondary Containment Option (Tank) None

Secondary Containment Option (Piping) None
Piping Release Detection Not Listed
LD Other Methods

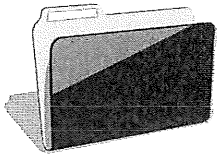
End of Report on 8/19/2013

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Former Auto Repair Shop**

Site Name:	Former Auto Repair Shop
Address:	1311 West 40th Avenue NE Corner w/Garfield St. Anchorage, AK 99503
File Number:	2100.38.144
Hazard ID:	2027
Staff:	No Longer Assigned - 9074655390
Status:	Cleanup Complete
Landowner:	
Latitude:	61.185000
Longitude:	-149.906111
Section:	25
Meridian:	Seward
Range:	004
Township:	013



Closure Details Report

Problem / Comments

Evicted tenants left drums and batteries, junk autos, and several open containers. DRO and GRO contamination discharged from 55-gallon drums onto driveway resulted in contamination of soil in adjacent unpaved, shallow roadside ditch. Impacted soil and debris was removed from the site. Triplex taken over by NBA, then HUD. Lot 10A, Spenard Col Subdivision. Last staff assigned was Olson.

Action Information

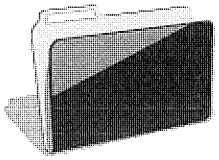
Action Date	Action	Description	DEC Staff
08/01/1994	Notice of Violation	Discharge of fluids from 2 drums on the paved driveway.	Olson, Eileen
09/08/1994	Cleanup Plan Approved	(Old R:Base Action Code = RAPR - Remedial Action Plan Review (CS)). Reviewed and conditionally approved a remedial action workplan. The condition was a site specific quality assurance project plan.	Sullivan-Garcia Doreen
09/16/1994	Update or Other Action	(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Cleanup and disposal of contaminants at Hiland Road Hazardous Waste Collection Program at Anchorage Landfill by Gilfilian employees. Waste oil and a light petroleum product (solvent) was delivered.	Sullivan-Garcia Doreen
02/14/1995	Preliminary Assessment Approved	(Old R:Base Action Code = SA1R - Phase I SA Review (CS/LUST)). Reviewed a "Summary of Findings for Site Pavement Cleanup and Waste Dipsosal for the Property Located at 1311 West 40th Avenue, Anchorage, Alaska" by Gilfilian. More information needed.	Olson, Eileen
02/14/1995	Update or Other Action	(Old R:Base Action Code = RARR - Remedial Action Report Review (CS)). Reviewed a "Summary of Findings for Site Pavement Cleanup and Waste Disposal for the Property Located at 1311 West 40th Avenue, Anchorage, Alaska" by Gilfilian. Numerous unresolved issues. Site assessment plan requested by 3/10/95 including vertical and horizontal extent of the contamination.	Olson, Eileen
02/14/1995	Update or Other Action	(Old R:Base Action Code = RPL2 - Site Information Request Letter). More information and assessment needed for this site.	Olson, Eileen
11/25/1996	Site Added to Database	Fluids of unknown origin spilled on site from 55 gallon drums.	Olson, Eileen
10/24/1997	Update or Other Action	The Departmen sent letter to HUD saying DEC will forgive HUDs obligation in cost recovery. DEC does not agree that the site and spill are satisfactorily "mitigated".	Cunningham, Sarah
04/21/1998	Site Ranked Using the AHRM	Ranking action added now because it was not added when the site was originally ranked.	Petrik, Bill
05/18/2005	Update or Other Action	Contaminated soil remains onsite. Soil samples taken show DRO upto 1240 mg/kg. Additional cleanup is not required because the contamination does not pose a threat to human health or the environment. If pavement is removed additional soil sampling will be necessary.	Cunningham, Sarah
05/18/2005	Institutional Control Record Established	Property restriction requiring that ADEC approval be requested in the event that transport of contaminated soil from the property is planned..	Cunningham, Sarah
08/15/2005	Institutional Control Record Removed	Deminimus quantity and natural attenuation since the spill are compelling reasons to determine that human health and the environment are protected with removal of the property restriction.	Cunningham, Sarah
08/15/2005	Site Closure Approved	The waste fluids were transported from the site and properly disposed. The asphalt driveway was also cleaned up to remove residual product that had been released. There was residual soil contamination reported adjacent to the driveway but it was considered minimal in volume and extent. The possible exposure pathways at the site include ingestion; inhalation and migration to groundwater. The contaminant concentrations exceed the diesel range organic (DRO) migration to groundwater level (250 mg/kg) but not ingestion or inhalation levels. Since drinking water in the area is provided from a municipal source, there is no risk to human health and the environment from the impacted soil. In fact, it may already have attenuated since the 1994 cleanup action.	Cunningham, Sarah
09/17/2007	Update or Other Action	Updated staff to Bill O'Connell.	Lager, Hannah

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Alano Club of Anchorage**

Site Name:	Alano Club of Anchorage
Address:	3103 Spenard Road at West 31st Avenue Anchorage, AK 99503
File Number:	2100.38.158
Hazard ID:	2393
Staff:	IC Unit - 9074655229
Status:	Cleanup Complete
Landowner:	Alano Club of Anchorage, Inc.
Latitude:	61.192528
Longitude:	-149.905361
Section:	25
Meridian:	Seward
Range:	004
Township:	013



Closure Details Report

Problem / Comments

One 500 gallons home heating oil tank was removed from the foundation of the former residence located on the property east of the current structure. The tank was removed in 199 and approximately 290 tons of contaminated soil was excavated and thermally remediated. Contaminated soil remained in place with concentrations above cleanup levels. Groundwater was impacted. Groundwater is approximately 8 feet below ground surface (bgs) and flows in a northwest direction. Groundwater has been known to fluctuate from 10.5 feet bgs to 8 feet bgs.

Action Information

Action Date	Action	Description	DEC Staff
08/07/2000	Update or Other Action	Received the December 15, 1999 Site Characterization report documenting the installation and sampling of three monitoring wells. Soil contamination in place is 4,900 mg/kg DRO at 8.3-8.5 feet. A sheen was observed on the groundwater that was purged and a diesel odor was observed. Groundwater samples were below Table C cleanup levels. The report recommends further characterization.	No Longer Assigned,
09/20/2002	Site Ranked Using the AHRM	initial ranking.	Stergiou, Elizabeth
09/20/2002	Site Added to Database	DRO.	Stergiou, Elizabeth
10/11/2002	Update or Other Action	Received Phase I report with cover letter requesting assignment of ADEC project manager for site. Cover letter discusses a proposal to use monitored natural attenuation that was reportedly submitted to ADEC on 8/3/2000, and describes excavation of soil and installation of groundwater monitoring wells.	Stergiou, Elizabeth
10/14/2002	Update or Other Action	Added ledger code 14102660.	Stergiou, Elizabeth
04/17/2003	Update or Other Action	Received by email October 2002, MW-1 results showing no detectable BTEX or DRO.	Olson, Eileen
04/17/2003	Institutional Control Record Established	ICs for DB Tracking purposes only.	No Longer Assigned,
04/17/2003	Conditional Closure Approved	Issued letter noting that weathered diesel is present in soils but not groundwater at the site, hence NFRAP status. No NEC required but notified RP that offsite transport or disposal of soils excavated in the future requires notification to the Department.	Olson, Eileen
09/14/2007	Update or Other Action	Completed ETM ranking for site and filed printout.	Olson, Eileen
09/14/2007	Exposure Tracking Model Ranking	Intitial Ranking Complete for Source Area: 73371 (Autogenerated Action)	
09/14/2012	Update or Other Action	Staff changed from Eileen Olson to IC Unit.	Brown, Kristin
09/26/2012	Institutional Control Compliance Review	IC review conducted.	Reese, Evonne
09/26/2012	Institutional Control Record Removed	Historical conditions at this site meet the 2009 closure policy therefore ICs can be removed. Any proposal to remove and/or transport soil or groundwater offsite requires prior ADEC approval.	Reese, Evonne

CONTAMINATED SITES DATABASE

By law, DEC is required to recover expenses incurred during cleanup, including staff oversight time. Current and former landowners may be liable for state cleanup expenditures

Cleanup Chronology Report for **Spenard Area Assessment**

Site Name:	Spenard Area Assessment
Address:	Area Bounded by Minnesotato W, Benson to N, Arctic to E, Tudor to S Anchorage, AK 99503
File Number:	2100.57.018
Hazard ID:	26079
Staff:	John Carnahan - 9074512166
Status:	Informational
Landowner:	Unknown
Latitude:	61.188068
Longitude:	-149.905639
Section:	
Meridian:	
Range:	
Township:	

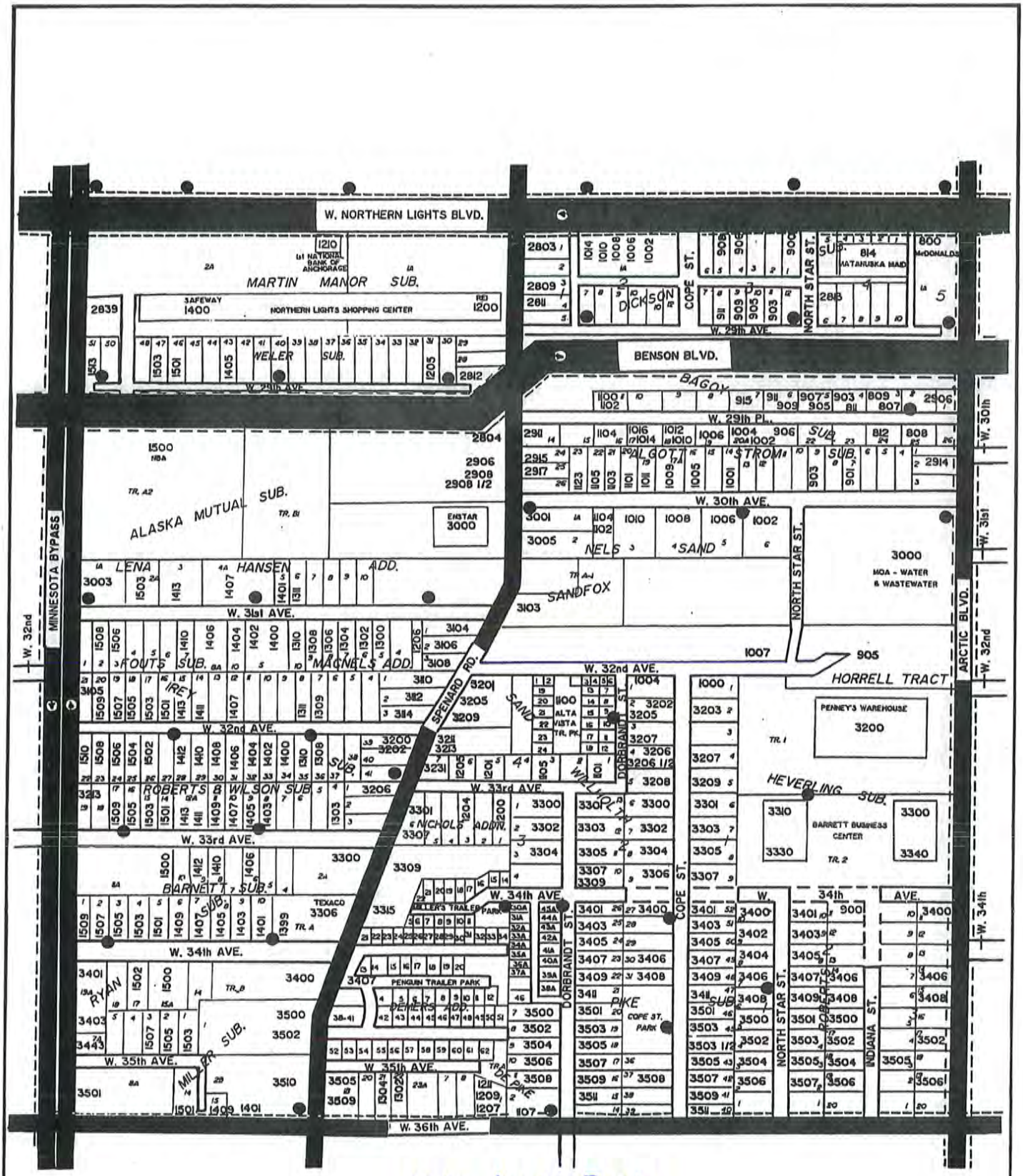
Institutional Controls Report
No ICs exist for this site.

Problem / Comments

Cook Inlet Housing sought DEC Brownfield Assessment (DBA) for the Spenard area in Midtown Anchorage to assist with redevelopment planning. The proposal was reviewed and approved for a DBA in FY 2014. The goal is to clarify environmental conditions in the area that could preclude economic development interests, and be proactive in addressing thes activities.

Action Information

Action Date	Action	Description	DEC Staff
02/28/2013	Brownfield Inventory	Received request for DBAC from Cook Inlet Housing Association, to evaluate Spenard Area for redevelopment potential.	Carnahan, Joh
06/11/2013	Brownfield Confirmed	Received confirmation from EPA that this project was eligible for brownfield assessment funding.	Carnahan, Joh
06/25/2013	Site Visit	Completed site visit with EPA and CIHA and walked Alpina site and behind.	Carnahan, Joh
07/08/2013	Site Added to Database	A new site has been added to the database	Read, Mitzi



GR. 1629

NE 1/4 SEC. 25, T13N R4W

SEE OVERVIEW MAP "F"

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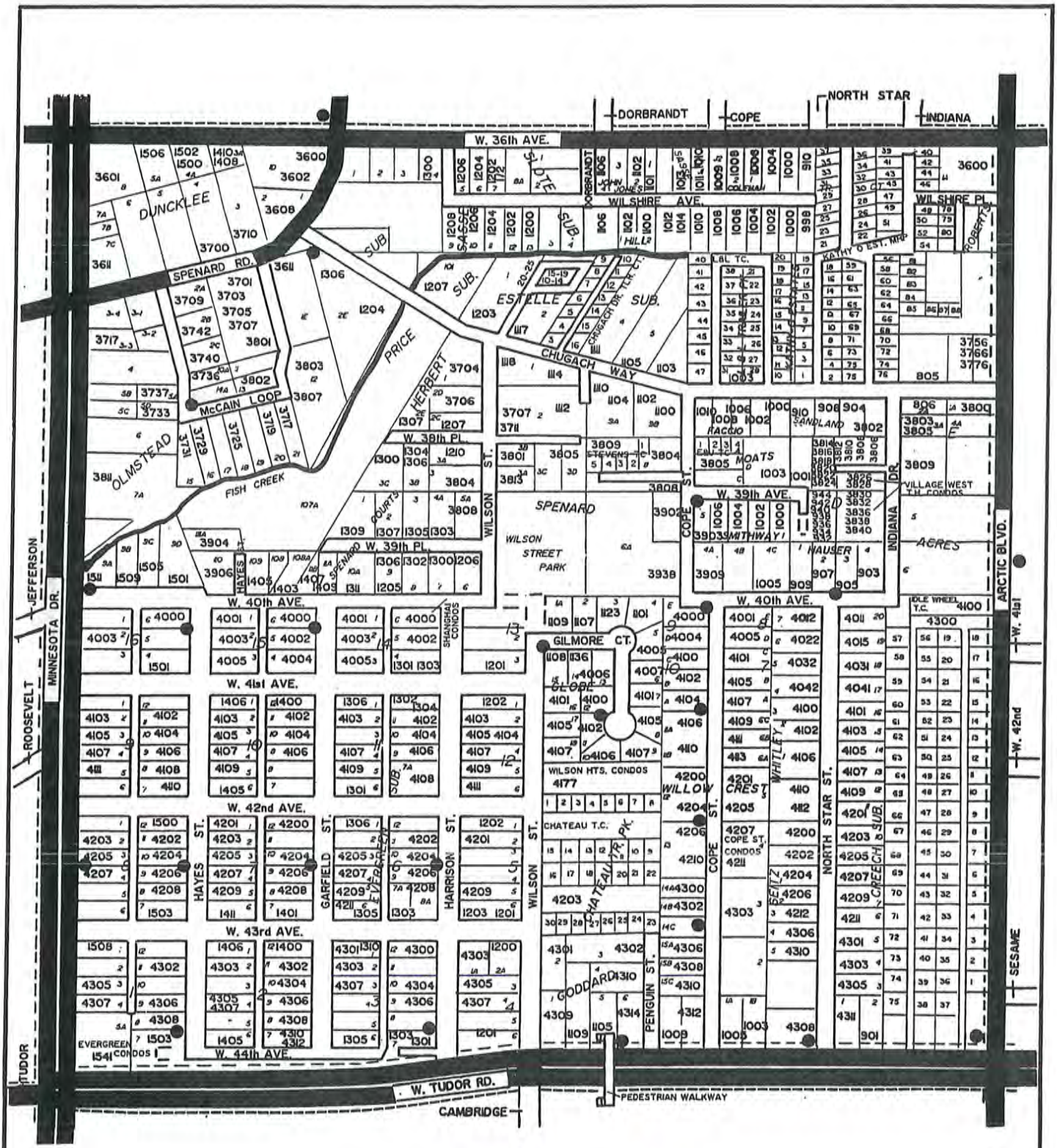
132 134
154

133



1997 Judy Rich

GR. 1729

SE 1/4 SEC. 25, T13N R4W

154

133
153 155
175

SEE OVERVIEW MAP "F"

APPENDIX D

SITE PHOTOGRAPHS

Photo 1: Representative multi-story commercial structure along Arctic Boulevard; looking west. (October 16, 2013)

Photo 2: Representative multi-story commercial structure along Spenard Road; looking southwest. (April 18, 2014)

Spenard Road Development Area
Anchorage, Alaska

PHOTOS 1 AND 2

June 2014 32-1-17592

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

Photo 3: Representative multi-story commercial structure along Arctic Boulevard; looking south/southwest. (April 18, 2014)

Photo 4: Representative multi-story commercial structure along Spenard Road; looking south/southwest. (April 18, 2014)

Spenard Road Development Area Anchorage, Alaska	
PHOTOS 3 AND 4	
June 2014	32-1-17592
SHANNON & WILSON, INC. Geotechnical & Environmental Consultants	D-2

Photo 5: Representative commercial structure along Chugach Way; looking south. (April 18, 2014)

Photo 6: Representative commercial structure along 36th Avenue; looking north. (April 18, 2014)

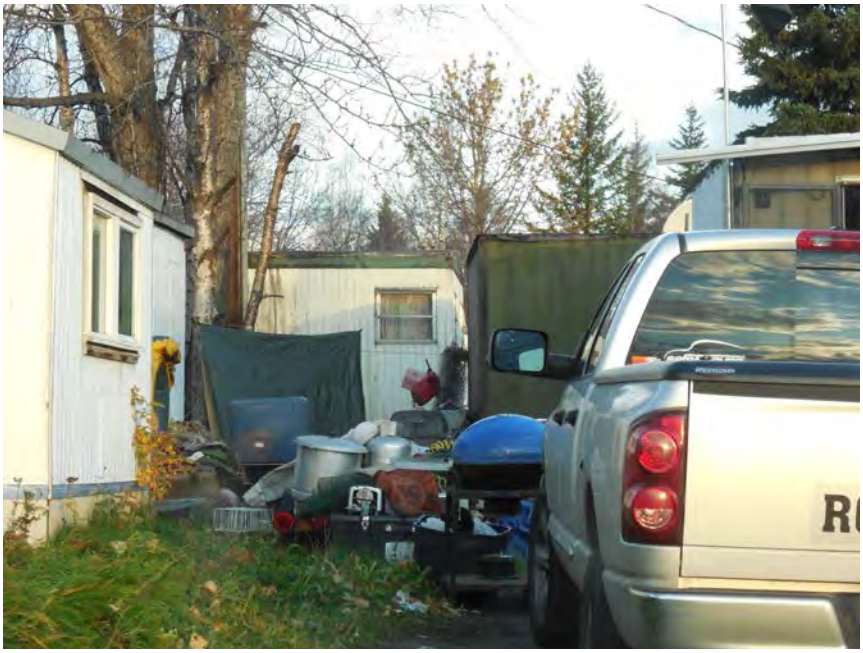


Photo 7: Representative trailer stall and yard at Idle Wheels Trailer Court; looking east. (October 16, 2013)

Photo 8: Unused and/or discarded items were observed throughout the Idle Wheels Trailer Court; looking northeast. (October 16, 2013)

Photo 9: Chugach Way Trailer Court; looking northeast. (April 18, 2014)

Photo 10: Representative trailers in Chugach Way Trailer Court; looking east. (October 16, 2013)

Photo 11: Representative trailer at Kathy O Estates Trailer Court; looking north. (October 18, 2013)

Photo 12: Single-family home located in the southern portion of the project area; looking northeast. (October 16, 2013)

Photo 13: Representative single-family homes in the southern portion of the project area; looking south. (April 18, 2014)

Photo 14: Representative trailer home in northern project area; looking southeast. (October 16, 2013)

Photo 15: Representative trailer in northern portion of the project area; looking north. (October 16, 2013)

Photo 16: Representative trailer home in northern project area; looking southeast. (October 16, 2013)

Photo 17: Representative trailer in northern portion of the project area; looking northeast. (October 16, 2013)

Photo 18: Representative single-family home in northern project area; looking east. (October 16, 2013)

Photo 19: Vacant and/or abandoned residential structure along Wilshire Avenue; looking southeast. (April 18, 2014)

Photo 20: Vacant and/or abandoned residential structure along 36th Avenue; looking north. (April 18, 2014)

Photo 21: Representative single-family structure located south of 36th Avenue; looking southeast. (April 18, 2014)

Photo 22: Alpina Auto Repair; looking southwest. (October 16, 2013)

Photo 23: Fish Creek located in the southern portion of the project area; looking north. (April 18, 2014)

Photo 24: Vacant lot adjacent east of Fish Creek on Chugach Way; looking north. (April 18, 2014)

Photo 25: Hansen Transmission is located on the southeast corner of Spenard Road and Chugach Way; looking northeast. (April 18, 2014)

Photo 26: Multiple 55-gallon drums were observed on the Hansen Transmission parcel; looking east. (April 18, 2014)

Photo 27: Areas of surface staining were observed on the Hansen Transmission parcel; looking east. (April 18, 2014)

Photo 28: Golden Paint Body & Frame is located east of Hansen Transmission on Chugach Way; looking southwest. (April 18, 2014)

Photo 29: Deteriorated pavement; looking northeast. (April 18, 2014)

Photo 30: Representative pavement conditions on non-arterial roads throughout project area; looking south. (April 18, 2014)

APPENDIX E

IMPORTANT INFORMATION ABOUT YOUR GEOTECHNICAL/ENVIRONMENTAL SITE REPORT

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

Attachment to Report: 32-1-17592

Dated: June 2014

To: Alaska Department of Environmental Conservation

Re: Property Assessment and Cleanup Plan, Spenard Road Development Area, Anchorage, Alaska

Important Information About Your Environmental Site Assessment/Evaluation Report

ENVIRONMENTAL SITE ASSESSMENTS/EVALUATIONS ARE PERFORMED FOR SPECIFIC PURPOSES AND FOR SPECIFIC CLIENTS.

This report was prepared to meet the needs you specified with respect to your specific site and your risk management preferences. Unless indicated otherwise, we prepared your report expressly for you and for the purposes you indicated. No one other than you should use this report for any purpose without first conferring with us. No one is authorized to use this report for any purpose other than that originally contemplated without our prior written consent.

The findings and conclusions documented in this site assessment/evaluation have been prepared for specific application to this project and have been developed in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in this area. The conclusions presented are based on interpretation of information currently available to us and are made within the operational scope, budget, and schedule constraints of this project. No warranty, express or implied, is made.

OUR REPORT IS BASED ON PROJECT-SPECIFIC FACTORS.

Our environmental site assessment is based on several factors and may include (but not be limited to): reviewing public documents to chronicle site ownership for the past 30, 40, or more years; investigating the site's regulatory history to learn about permits granted or citations issued; determining prior uses of the site and those adjacent to it; reviewing available topographic and real estate maps, historical aerial photos, geologic information, and hydrologic data; reviewing readily available published information about surface and subsurface conditions; reviewing federal and state lists of known and potentially contaminated sites; evaluating the potential for naturally occurring hazards; and interviewing public officials, owners/operators, and/or adjacent owners with respect to local concerns and environmental conditions.

Except as noted within the text of the report, no sampling or quantitative laboratory testing was performed by us as part of this site assessment. Where such analyses were conducted by an outside laboratory, Shannon & Wilson relied upon the data provided and did not conduct an independent evaluation regarding the reliability of the data.

CONDITIONS CAN CHANGE.

Site conditions, both surface and subsurface, may be affected as a result of natural processes or human influence. An environmental site assessment/evaluation is based on conditions that existed at the time of the evaluation. Because so many aspects of a historical review rely on third party information, most consultants will refuse to certify (warrant) that a site is free of contaminants, as it is impossible to know with absolute certainty if such a condition exists. Contaminants may be present in areas that were not surveyed or sampled, or may migrate to areas that showed no signs of contamination at the time they were studied.

Unless your consultant indicates otherwise, your report should not be construed to represent geotechnical subsurface conditions at or adjacent to the site and does not provide sufficient information for construction-related activities. Your report also should not be used following floods, earthquakes, or other acts of nature; if the size or configuration of the site is altered; if the location of the site is modified; or if there is a change of ownership and/or use of the property.

INCIDENTAL DAMAGE MAY OCCUR DURING SAMPLING ACTIVITIES.

Incidental damage to a facility may occur during sampling activities. Asbestos and lead-based paint sampling often require destructive sampling of pipe insulation, floor tile, walls, doors, ceiling tile, roofing, and other building materials. Shannon & Wilson does not provide for paint repair. Limited repair of asbestos sample locations are provided. However, Shannon & Wilson neither warranties repairs made by our field personnel, nor are we held liable for injuries or damages as a result of those repairs. If you desire a specific form of repair, such as those provided by a licensed roofing contractor, you need to request the specific repair at the time of the proposal. The owner is responsible for repair methods that are not specified in the proposal.

READ RESPONSIBILITY CLAUSES CAREFULLY.

Environmental site assessments/evaluations are less exact than other design disciplines because they are based extensively on judgment and opinion, and there may not have been any (or very limited) investigation of actual subsurface conditions. Wholly unwarranted claims have been lodged against consultants. To limit this exposure, consultants have developed a number of clauses for use in their contracts, reports, and other documents. These responsibility clauses are not exculpatory clauses designed to transfer the consultant's liabilities to other parties; rather, they are definitive clauses that identify where responsibilities begin and end. Their use helps all parties involved recognize their individual responsibilities and take appropriate action. Some of these definitive clauses may appear in this report, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to your questions.

Consultants cannot accept responsibility for problems that may develop if they are not consulted after factors considered in their reports have changed, or conditions at the site have changed. Therefore, it is incumbent upon you to notify your consultant of any factors that may have changed prior to submission of the final assessment/evaluation.

An assessment/evaluation of a site helps reduce your risk, but does not eliminate it. Even the most rigorous professional assessment may fail to identify all existing conditions.

ONE OF THE OBLIGATIONS OF YOUR CONSULTANT IS TO PROTECT THE SAFETY, HEALTH, PROPERTY, AND WELFARE OF THE PUBLIC.

If our environmental site assessment/evaluation discloses the existence of conditions that may endanger the safety, health, property, or welfare of the public, we may be obligated under rules of professional conduct, statutory law, or common law to notify you and others of these conditions.

The preceding paragraphs are based on information provided by the
ASFE/Association of Engineering Firms Practicing in the Geosciences, Silver Spring, Maryland