

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**KODIAK AIRPORT
LOT 3 AND LOT 5A, BLOCK 1400, AIRPORT WAY
KODIAK, ALASKA**



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TABLE OF CONTENTS

	Page
Table of Contents	ii
List of Tables	iii
List of Appendices	iii
Acronyms and Abbreviations	iv
Executive Summary	v
1.0 Introduction.....	1
1.1 Scope.....	1
1.2 Site Description	1
1.3 Significant Data Gaps or Data Failures	1
1.4 Limitations and Exceptions of Assessment	1
1.5 Standard of Practice.....	1
1.6 Contract Authorization.....	2
1.7 Reliance.....	2
2.0 Current and Historical Property Use.....	3
2.1 Current Use.....	3
2.2 Past Use.....	3
2.3 Site Utilities	3
3.0 Physical Setting.....	4
3.1 Topography.....	4
3.2 Surface Drainage	4
3.3 Vegetation And Surface.....	4
3.4 General Geology.....	4
3.5 Groundwater Conditions	4
3.6 Climate	4
3.7 Topographic Maps.....	5
4.0 Historical Records Review	6
4.1 Environmental Records of Subject Property	7
4.2 Environmental Records of Adjoining and Nearby Properties	8
5.0 Historical Use Information.....	12
5.1 Historical Aerial Photographs.....	13
5.2 Historical USGS Topographic Maps.....	15
5.3 Historical Fire Insurance Maps	15
5.4 Historical City Directories	15
5.5 Property Tax Files.....	15
5.6 Prior Reports/ Permits.....	16
6.0 Site Reconnaissance	17
6.1 Methodology Limiting Conditions / Deviations.....	17
6.2 General Site Observations	17
6.3 Exterior Site Observations	18
6.4 Interior Site Observations	19
7.0 Interviews.....	20

7.1	User Questionnaire	20
7.2	Key Site Manager	20
8.0	Findings	22
8.1	Recognized Environmental Conditions	22
8.2	Controlled Environmental Conditions.....	22
8.3	Historical Environmental Conditions.....	22
8.4	De Minimis Conditions	22
9.0	Recommendations.....	23
9.1	Additional Investigation.....	23
9.2	Conclusions.....	23
10.0	Closure	24
11.0	References.....	25

LIST OF TABLES

Table 2-1: Subject and Adjacent Property Use Summary.....	3
Table 4-1: Listing Summary	7
Table 5-1: Data Coverage Summary.....	12
Table 5-2: Historical Aerial Photography	14
Table 5-3: Historical USGS Topographic Maps.....	15

LIST OF APPENDICES

Appendix A – Drawings

Topographic Map.....	A-01
Adjacent Properties.....	A-02
Site Features.....	A-03

Appendix B – Resumes (Available on Request)

Appendix C – Database and Physical Setting Reports.....527 Pages

Appendix D – Historical Aerial Photographs, Topographic Maps, Fire Insurance Maps, and City Directories 38 Pages

Appendix E – User Questionnaire..... Not Returned

Appendix F – Photograph Log..... 7 Pages

Appendix G – Environmental Lien Search 17 Pages

ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
AAI	all appropriate inquiries
ADEC	Alaska Department of Environmental Conservation
AST	aboveground storage tank
ASTM	ASTM International, Inc.
AUL	activity and use limitations
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
CREC	controlled recognized environmental condition
DOT&PF	Alaska Department of Transportation and Public Facilities
DRO	diesel-range organics
EPA	U.S. Environmental Protection Agency
ERIS	ERIS Information, Inc.
ERNS	Emergency Response Notification System
ESA	environmental site assessment
FINDS/FRS	Federal Registry Service Site
FUDS	Formerly Used Defense Sites
HMIRS	Hazardous Material Information Reporting System
HREC	historical recognized environmental condition
LLP	Landowner Liability Protections
LUST	leaking underground storage tank
NAIP	National Agriculture Imagery Program
NASA	National Aeronautic and Space Administration
PCB	polychlorinated biphenyls
R&M	R&M Consultants, Inc.
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RCRIS	Resource Conservation and Recovery Information System
RRO	residual-range organics
USAF	U.S. Air Force
USDA	U.S. Department of Agriculture
USFWS	U.S. Department of Fish and Wildlife Service
USGS	U.S. Geological Society
UST	underground storage tank
VSQG	Very Small Quantity Generator

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was conducted under the supervision of Christopher Fell, CPG in general accordance with the procedures detailed in the American Society for Testing and Materials (ASTM) standard designation E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." The site reconnaissance was conducted on 18 October 2021 by Vanessa Crandell-Beck.

R&M Consultants, Inc. (R&M) has been contracted by Alaska Department of Transportation and Public Facilities (DOT&PF) to perform a Phase I ESA for the property located at Lot 3 and Lot 5A, Block 1400 of Airport Way in Kodiak, Alaska. This Phase I ESA was performed in accordance with the accepted proposal dated 23 September 2021 and ASTM E1527-13. The scope of the investigation for this Phase I ESA includes the entire parcels as described above (hereafter interchangeably referred to as the Subject Property) and its immediate vicinity.

Based on online parcel information, the Subject Property is an approximately 0.9-acre area consisting of two parcels (Parcel Numbers 16732 and 16740).

SIGNIFICANT DATA GAPS

Two significant data gaps are present from 1951 to 1962 and 1988 to 2003 as initial development and subsequent redevelopments were not documented within five-year intervals. These significant data gaps are not considered to affect findings of this Phase I ESA as changes in property use appear to have progressed to more industrial uses over time with the current use presenting the highest risk for generation of environmental conditions.

RECORDS REVIEW SUMMARY

A total of 66 records were identified by ERIS Information, Inc. (ERIS) within a one-mile radius of the Subject Property. Based on the presumed groundwater flow direction from southwest to northeast, many of these records are considered down or cross-gradient and are considered to have no effect on the Subject Property. A total of 12 records were identified that were considered to have the potential to impact the Subject Property. The Subject Property was listed as a Formerly Used Defense Site (FUDS) and underground storage tank (UST) site. The FUDS listing represents a historic recognized environmental conditions (HREC) and the UST listing represents a recognized environmental condition (REC) for the Subject Property on Lot 5A.

SITE RECONNAISSANCE SUMMARY

The Subject Property is currently an approximately 0.9-acre lot consisting of two parcels and is developed with three buildings (two maintenance shops and a storage shed). The buildings are currently vacant and in disrepair. The Subject Property had been developed as a rental car repair shop since 1979 when the property was developed. Staining present in the maintenance shops of the Subject Property represent de minimis conditions for the Subject Property.

FINDINGS

There were six RECs identified for the Subject Property as described below:

1. The 500-gallon heating oil UST on Lot 5A represents a REC due to the unknown condition and age of the UST (greater than 40 years).
2. The 500-gallon gasoline AST on Lot 3 represents a REC due to the potential for releases of petroleum hydrocarbons.
3. The 500-gallon diesel AST on Lot 5A represents a REC due to the potential for releases of petroleum hydrocarbons.
4. Drums with unknown contents and used oil stored on Lot 5A represents a REC due to the potential for releases if the material is not disposed of in accordance with Federal, State, and local regulations.
5. Floor drains on both lots are considered a REC due to reported housekeeping issues with petroleum product storage and use at the facility.
6. Due to reported petroleum product housekeeping concerns, storage of wrecked vehicles without known fluid control measures, and rental car fleet maintenance operations former lessee activities on both lots are considered to represent a REC.

RECOMMENDATIONS

R&M provides the following recommendations for additional investigation at the site.

- Perform a Phase II ESA (Limited Site Investigation) to investigate the RECs identified for the Subject Property.

1.0 INTRODUCTION

This Phase I Environmental Site Assessment (ESA) was conducted under the supervision of Christopher Fell, CPG in general accordance with the procedures detailed in the American Society for Testing and Materials (ASTM) standard designation E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." The site reconnaissance was conducted on 18 October 2021 by Vanessa Crandell-Beck.

1.1 SCOPE

R&M Consultants, Inc. (R&M) has been contracted by the Alaska Department of Transportation and Public Facilities (DOT&PF) to perform a Phase I ESA for the property located on Lot 3 and Lot 5A, Block 1400 of Airport Way in Kodiak, Alaska. This Phase I ESA was performed in accordance with the accepted proposal dated 20 August 2021 and ASTM E1527-13. The scope of the investigation for this Phase I ESA includes the entire parcel as described above (hereafter interchangeably referred to as the Subject Property) and its immediate vicinity.

1.2 SITE DESCRIPTION

Based on online parcel information, the Subject Property is an approximately 0.9-acre area consisting of two parcels (Parcel Numbers 16732 and 16740). Access to the Subject Property is from Airport Way. **Drawings A-01 and A-02 in Appendix A** present location and vicinity maps for the Subject Property.

1.3 SIGNIFICANT DATA GAPS OR DATA FAILURES

Two significant data gaps are present from 1951 to 1962 and 1988 to 2003 as initial development and subsequent redevelopments were not documented within five-year intervals. These significant data gaps are not considered to affect the findings of this Phase I ESA as changes in property use appear to have progressed to more industrial uses over time with the current use presenting the highest risk for generation of environmental conditions. The User Questionnaire was not returned by DOT&PF.

1.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This Phase I ESA did not include invasive activities such as subsurface or building materials investigations, business risk evaluations, or other sampling activities. Data obtained in the completion of this report are considered reliable but were primarily from sources outside the control of R&M and the authenticity, accuracy, or reliability of those sources cannot be warranted by R&M.

1.5 STANDARD OF PRACTICE

This Phase I ESA was performed in general accordance with the procedures detailed in ASTM E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." Phase I ESAs are by definition non-invasive and cannot remove the potential that the Subject Property has been affected by petroleum, hazardous, or toxic compounds that were released to or migrated onto the property beyond what may be discovered during review of readily

ascertainable sources or during the site reconnaissance. No warranties, express or implied, are intended or made. A Phase I ESA performed in accordance with ASTM E1527-13 is meant to satisfy the all appropriate inquiries (AAI) provision of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), to support the user's ability to qualify for Landowner Liability Protections (LLP), and to reduce uncertainty regarding recognized environmental conditions (REC) associated with the Subject Property. As the User Questionnaire was not returned, this Phase I ESA is not considered to meet AAI provisions of CERCLA.

1.6 CONTRACT AUTHORIZATION

This work has been completed in accordance with R&M's proposal dated 20 August 2021. DOT&PF provided Notice to Proceed Number 13 under Professional Service Agreement 25192003 on 11 October 2021.

1.7 RELIANCE

This Phase I ESA is prepared for the exclusive use and reliance of DOT&PF and their representatives in the study of the Subject Property. Use or reliance by any other party is prohibited without written authorization of R&M and DOT&PF.

Continued viability of this Phase I ESA is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the assessment will be used by a user different (third party) than the user for whom the assessment was originally prepared, the subsequent user must also satisfy the User's Responsibilities in Section 6 of ASTM E1527-13.

A Phase I ESA meeting or exceeding the standards of ASTM E1527-13 may be used for a property transaction up to 180 days (**19 April 2022**) from the inquiries made in the development of this Phase I ESA (**19 October 2021**). If interviews, environmental liens searches, federal, state, and local government records, site reconnaissance, and the declaration of the environmental professional responsible for the initial assessment or update are revisited, the Phase I ESA may be used for up to one year (**19 October 2022**).

2.0 CURRENT AND HISTORICAL PROPERTY USE

The Subject Property is developed with currently vacant buildings (maintenance shops and a shed) designed to support various functions necessary to operate the Budget Car Rental business. The Lot 3 portion of the Subject Property has reportedly been developed since 1979 when the service garage (maintenance shop) was constructed according to the Kodiak Island Borough parcel viewer.

TABLE 2-1: SUBJECT AND ADJACENT PROPERTY USE SUMMARY

Direction	Description
Subject Property	Vacant buildings located on Lot 3 and 5A, Block 1400, Kodiak Airport
North Adjacent	Paved access road, Buskin River
East Adjacent	Vacant, undeveloped lot
South Adjacent	Airport parking, Kodiak Airport
West Adjacent	Paved access road, Quality Inn

2.1 CURRENT USE

The Subject Property is currently an approximately 0.9-acre lot consisting of two parcels and is developed with two buildings on Lot 3 (maintenance shop and storage shed) and one building on Lot 5A (maintenance shop). The buildings are not currently in use and have become dilapidated. The Subject Property has been developed since approximately 1979.

2.2 PAST USE

The Subject Property was developed as an auto service garage in 1979. Prior to 1964, the Subject Property appears to have been a recreational track and field based on the 1951 aerial photograph. The Subject Property was developed between 1978 and 1985 based on the available aerial photographs. **Section 7.2** provides additional discussion.

2.3 SITE UTILITIES

The Subject Property is served by the following utilities:

- Electricity: Overhead powerlines, Kodiak Electric Association
- Water: City of Kodiak
- Sanitary Sewer: City of Kodiak
- Storm Sewer: None (surface drainage to ditches)
- Heating: Heating oil

3.0 PHYSICAL SETTING

The Subject Property topography, surface drainage, general geology, groundwater conditions, and climate are discussed below.

3.1 TOPOGRAPHY

Topography in the vicinity of the Subject Property is relatively flat.

3.2 SURFACE DRAINAGE

Drainage appears to occur through infiltration into site soils and potentially surface flow across the Subject Property. There are no permanent surface waters within the Subject Property boundaries. The nearest water body is Buskin River located approximately 240 feet to the northeast.

3.3 VEGETATION AND SURFACE

The Subject Property consists of two partially paved lots with vegetation along the drainage ditches and fence lines. Vegetation is comprised of grasses and some small shrubs.

3.4 GENERAL GEOLOGY

The City of Kodiak is located on Kodiak Island. The Kodiak Mountains are primarily underlain by Mesozoic argillite and greywacke. Older rocks, chiefly greenstone and schist, lie along the northwest coast. The main divide of Kodiak Island is underlain by a granitic batholith. Northeast-trending belts of downfaulted and easily eroded Tertiary rocks lie on the southeast side of Kodiak Island and also make up the Trinity Islands. Lateral moraines, ice-marginal drainage channels through the ends of ridges, and old greatly modified cirques half buried in alluvium indicate that western Kodiak Island was not covered by ice of the last glaciation and that ice from the Aleutian Range banked against its western shore (Wahrhaftig, 1965). Kodiak Island is generally free of permafrost (Ferrians, 1965).

Based on investigations at the Kodiak Airport in 2010, soils from areas near the Subject Property indicate that soils are expected to consist of sand and gravel fill, native silty sand with gravel, and native silty gravel. Native soils have been reported with variable cobble and organic content in some locations (DOT&PF, 2011).

3.5 GROUNDWATER CONDITIONS

Groundwater is presumed to flow to the east or northeast towards the Buskin River (water body) based on regional topography.

3.6 CLIMATE

Based on climate data recorded at the Kodiak AP (Number 504988) weather station near the Subject Property, the mean annual air temperature is approximately 41.1 degrees Fahrenheit (°F), with minimum and maximum monthly averages of approximately 25.7°F (February) and 61.7°F (August),

respectively. The area receives an average of approximately 77.04 inches of precipitation per year, with a maximum monthly mean of approximately 8.53 inches in January (WRCC, 2021).

3.7 TOPOGRAPHIC MAPS

The most recent U.S. Geological Survey (USGS) topographic map is the 1987 7.5-minute Kodiak C-2 NE/NW quadrangle.

4.0 HISTORICAL RECORDS REVIEW

R&M contracted ERIS Information, Inc. (ERIS) to provide a baseline record search of standard environmental records up to a one-mile radius of the Subject Property. The environmental records come from various Federal and State databases. These databases provide information on the status of known sites involved with the usage, generation, storage, treatment, or disposal of hazardous materials or petroleum hydrocarbons. Search distances were consistent with those required by ASTM E1527-13. The ERIS record search provided in **Appendices C and D**, of this report is currently in compliance with the 90-day updating requirement. The record search was conducted on 19 October 2021.

The standard Federal databases originate with the United States Environmental Protection Agency (EPA) and reside in the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), the Resource Conservation and Recovery Information System (RCRIS), and the Emergency Response Notification System (ERNS). Standard State databases are administered by the Alaska Department of Environmental Conservation (ADEC) and include the Contaminated Sites Database and the SPILLS Database. A detailed list and description of the standard and supplemental environmental databases are included in the ERIS report (**Appendix C**).

Using the ERIS record search report as a starting point, R&M assessed the location and relevance of applicable environmental records. A total of 62 records were identified by ERIS for Lot 5A and 66 records were identified by ERIS for Lot 3 within a one-mile radius of the Subject Property. Based on the presumed groundwater flow direction from the southwest to northeast, many of these records are considered down or cross-gradient and are considered to have no effect on the Subject Property. A total of 12 records were identified that could potentially affect the Subject Property. These records are discussed in **Section 4.2** and summarized in **Table 4-1**.

TABLE 4-1: LISTING SUMMARY

Address	Listing Number (Lot 5A/Lot 3)	Distance from Subject Property (feet) (Lot 5A/Lot 3)
Subject Property	1/1	0/0
Hangar of Uyak Air Service Kodiak Airport, Lot 5/7, Block 1600	2/6	201/113
Kodiak Airport 1500 Airport Way	3/4	214/33
1647 Airport Way	4 and 8/7 and 11	223/155
UPS – Kodiak 1420 Airport Road	5/5	275/36
Andrew Airways, Inc. 1522 Devils Creek Road	6/3	300/29
Peninsula Airways Kodiak Airport, Lot 7B, Block 1600	7/8	340/157
Alaska Airlines Kodiak International Terminal Building	9/12	580/421
ADOT&PF Kodiak Airport Apron Drums US Coast Guard Airport	10/10	592/327
Kodiak Airport	11/14	646/474
MarkAir – Kodiak Lot 2B/3B, Block 1200	12/13	703/467

NOTES:

Listing numbers and distances from each ERIIS report are listed as Lot 5A Report/Lot 3 Report

4.1 ENVIRONMENTAL RECORDS OF SUBJECT PROPERTY

The Subject Property (Lot 5A and Lot 3) was listed as a Formerly Used Defense Site (FUDS) and Lot 5A is additionally listed as an Underground Storage Tank (UST) site.

The Lot 5A, Block 1400 FUDS listings details that the site was part of Navy facilities commissioned in 1939. The Navy used the area as a base for coastal patrol aircraft and constructed numerous buildings, bunkers, and docks in vicinity of the Subject Property.

The UST site indicates that a 500-gallon heating oil UST was installed in April of 1981 at Lot 5A, Block 1400. It is unknown where the UST is located on site and the current condition of the UST is not known.

The FUDS listing represents a historic recognized environmental condition (HREC) for the Subject Property as environmental concerns for the listing has not resulted in detecting of environmental impacts at the site. The UST listing represents a recognized environmental condition (REC) for the Subject Property due to the unknown condition and age of the UST (greater than 40 years).

4.2 ENVIRONMENTAL RECORDS OF ADJOINING AND NEARBY PROPERTIES

The ERIS reports contain 10 environmental records of adjoining or nearby properties that could potentially affect the Subject Property as detailed below. The ERIS report record numbers for Lot 5A and Lot 3 of the Subject Property are referenced as Record Number (Lot 5A Report/Lot 3 Report) to order of listings and distances to the facilities.

4.2.1 RECORD NUMBER 2/6: KODIAK AIRPORT, LOT 5, BLOCK 1600

This nearby facility was located approximately 201/113 feet from the Subject Property and was listed as a UST site with approximately 2,500-gallon and 8,000-gallon gasoline USTs that have both been removed from the facility. The 2,500-gallon UST was permanently out of use closed (removed) in 1994 and the 8,000-gallon UST was permanently out of use closed (removed) in 1998.

As both USTs have been removed without listing as leaking underground storage tank (LUST) facilities by ADEC, the former USTs are not considered to represent a REC for the Subject Property.

4.2.2 RECORD NUMBER 3/4: 1500 AIRPORT WAY

This nearby facility is located approximately 214/33 feet from the Subject Property and is listed as the Kodiak Airport. The Kodiak Airport is located to the southwest of the Subject Property across Airport Way. The Kodiak Airport was constructed between 1978 and 1985 based on aerial photographs. The facility was listed in the SPILLS database. A 33-gallon jet fuel spill occurred in October of 2020. A total of 2 gallons of jet fuel was recovered and disposed of by incineration. ADEC has listed this facility as "Case Closed".

Based on the Case Closed status issued by ADEC and the small size of the release, this facility is not considered to represent a REC for the Subject Property.

4.2.3 RECORD NUMBER 4 AND 8 /7 AND 11: 1647 AIRPORT WAY

This nearby facility is located approximately 223/155 feet from the Subject Property and is listed as an air carrier cargo facility. The facility was constructed between 1978 and 1985 based on the aerial photographs. The facility was the was listed as a Hazardous Material Information Reporting System (HMIRS) Site. Two HMIRS listings discussed undeclared shipment with no release and hazardous material incidents with release. In the incident that included a release of dangerous goods, the release of Scotch Guard was confined to cargo.

This HMIRS site is not considered to represent a REC for the Subject Property as no releases to soil or groundwater were reported and the listing primarily regards the shipping rules or hazardous substances by air transport.

4.2.4 RECORD NUMBER 5/5: 1420 AIRPORT ROAD

This nearby lot is located approximately 275/36 feet from the Subject Property and is listed as a shipping facility. The facility was constructed between 1978 and 1985 based on the aerial photographs and was listed as a shipping facility and an air service facility. The facility was listed as a Resource Conservation and Recovery Act (RCRA) Very Small Quantity Generator (VSQC) site with no recorded violations.

This facility is not considered a REC for the Subject Property as the listing regards registration of the site as a RCRA VSQG and there are no recorded violations for the facility.

4.2.5 RECORD NUMBER 6/3: 1522 DEVILS CREEK ROAD

This nearby facility was located approximately 300/29 feet from the Subject Property and appears to be a building/warehouse with paved tarmac to the southwest based on the 2021 aerial photograph from Google Earth Pro. The facility was constructed between 1978 and 1985 based on the aerial photographs. The facility was listed as a Federal Registry Service site (FINDS/FRS), RCRA Non-Generator, UST, and SPILLS Site.

A 25,000-gallon kerosene UST and 25,000-gallon gasoline UST were installed in June of 1979 and removed from the ground in August of 2011 (permanently out of use/closed). A 2,000-gallon gasoline UST was installed in June of 1979 and marked as permanently out of use/closed in September of 1993.

A 35-gallon diesel spill occurred in February of 2012 due to human error. All 35 gallons were recovered and recycled. In February of 2012, ADEC issued a “Case Closed” status for the event.

Based on the Case Closed status issued by ADEC and the small size of the release, this facility is not considered to represent a REC for the Subject Property.

4.2.6 RECORD NUMBER 7/8: KODIAK AIRPORT, LOT 7B, BLOCK 1600

This nearby facility is located approximately 340/157 feet from the Subject Property and the facility appears to be a building with paved tarmac to the southwest based on the 2021 aerial photograph from Google Earth Pro. The facility was constructed between 1978 and 1985 based on the aerial photographs. The facility was listed as an ADEC Contaminated Site, ADEC Institutional Controls Site, and LUST Site. In 1998 the site was listed as an ADEC Contaminated Site following petroleum contaminated soil following a release from a UST. Approximately 250 cubic yards of petroleum contaminated soil was excavated and removed from the site for transport to Anchorage or Bruhn Point for thermal treatment. Thermally treated soil was spread on site. In 2003 ADEC requested additional site characterization and issued a status of “Cleanup Complete with Institutional Controls” in August of 2005. As of August of 2005, soil contamination remains under the hangar floor with benzene and diesel-range organics (DRO) exceedances. Institutional Controls were filed in August of 2005 indicating that further action shall be taken when the contaminated soil becomes accessible. Additional site characterization is required for this facility.

This facility is located cross-gradient from the Subject Property based on the ERIS report and is not considered to represent a REC for the Subject Property as remaining contamination is considered to be under the existing hangar floor – resulting in the ADEC “Cleanup Complete with Institutional Controls” listing.

4.2.7 RECORD NUMBER 9/12: KODIAK INTERNATIONAL TERMINAL BUILDING

This nearby facility is located approximately 580/421 feet from the Subject Property and the facility appears to be a building with paved tarmac to the southwest based on the 2021 aerial photograph from Google Earth Pro. The facility was constructed between 1978 and 1985 based on the aerial photographs. The facility was listed as an ADEC Contaminated Site and LUST Site. In 1996 the site

was listed as a LUST Site and ADEC Contaminated Site following petroleum release from a UST. In January 2001 ADEC issued a no further action required status and “Cleanup Complete” status.

Based on the “Cleanup Complete” status issued by ADEC, this facility is not considered to represent a REC for the Subject Property.

4.2.8 RECORD NUMBER 10/10: US COAST GUARD AIRPORT

This nearby facility is located approximately 592/327 feet from the Subject Property and the facility appears to be a building with paved tarmac to the east based on the 2021 aerial photograph from Google Earth Pro. The facility was constructed between 1978 and 1985 based on the aerial photographs. In 2004 the site was listed as an ADEC Contaminated Site following the removal of a UST, 22 drums containing jet fuel, diesel fuel, tar, and various metallic debris were encountered and 1,600 cubic yards of DRO and residual-range organics (RRO) contaminated soil were removed. Additional contaminated soil remains beneath the asphalt parking apron. Groundwater was not encountered in the during excavation activities. Additional site characterization is required for this facility and the facility was listed as “Active” by ADEC to be addressed under the FUDS program.

This facility is located approximately 592 feet from and downgradient from the Subject Property based on the ERIS report and is not considered to represent a REC for the Subject Property.

4.2.9 RECORD NUMBER 11/14: KODIAK AIRPORT

This record consists of 12 separate listings including registration of Peninsula Airways as a RCRA non-generator, report of undeclared hazardous materials shipment by airplane with a contained release on board, six UST facilities closed by ADEC, and four ADEC SPILLS database records regarding small spills. One SPILLS listing involved the crash of Piper airplane at the end of the runway which is not considered to affect the Subject Property, and three other small spills of aviation gasoline or diesel fuel that are also not considered to affect the Subject Property. These facilities are reportedly 646/474 feet west-northwest from the Subject Property.

These listings are not considered to represent RECs for the Subject Property based on proximity, type of listing, degree of releases, and/or reported distance from the Subject Property.

4.2.10 RECORD NUMBER 12/13: LOT 2B/3B, BLOCK 1200

This nearby facility is located approximately 703/467 feet from the Subject Property and the facility appears to be a building with paved tarmac to the south based on the 2021 aerial photograph from Google Earth Pro. The facility was constructed between 1978 and 1985 based on the aerial photographs. The facility was listed as an ADEC Contaminated Site and ADEC Institutional Controls Site. In 1995 several RECs were identified at the site and it was listed as an ADEC Contaminated Site following petroleum contaminated soil following a release from a UST. During 2002 characterization activities, the contaminants of concern were determined to be DRO, arsenic, chromium, cadmium, benzo(a)anthracene, and benzo(a)pyrene. Groundwater was not encountered during investigation activities. Institutional Controls were filed in January of 2005 indicating that further action shall be taken when the contaminated soil becomes accessible. Additional site characterization is required for this facility and the facility was listed as “Cleanup Complete with Institutional Controls” by ADEC.

This facility is located approximately 703/467 feet west-northwest from the Subject Property based on the ERIS report and is not considered to represent a REC for the Subject Property as remaining contamination is considered to be under existing facility improvements – resulting in the ADEC “Cleanup Complete with Institutional Controls” listing.

5.0 HISTORICAL USE INFORMATION

Historical use records were obtained from various sources (Table 5-1) to attempt to determine use of the Subject Property on five-year intervals from 1940 (or first development, whichever is earlier) to the present. Two significant data gaps are present from 1951 to 1962 and 1988 to 2003 as initial development and subsequent redevelopments were not documented within five-year intervals. Non-significant data gaps are present from 1940 to 1948 and 2005 to 2009. These data gaps are not considered failures or significant as the Subject Property did not have any major changes to property use during the data gaps.

TABLE 5-1: DATA COVERAGE SUMMARY

Year	Source Type	Source
1940 to 1948	None	Data Gap, Insignificant
1949	Topographic Map	USGS (ERIS)
1951	Aerial Photograph	United States Navy (ERIS)
1951	Topographic Map	USGS (ERIS)
1951 to 1962	None	Data Gap/Failure, Significant
1963	Topographic Map	USGS (ERIS)
1964	Aerial Photograph	USFWS (ERIS)
1966	Topographic Map	USGS (ERIS)
1967	Topographic Map	USGS (ERIS)
1971	Topographic Map	USGS (ERIS)
1973	Aerial Photograph	USAF (ERIS)
1978	Aerial Photograph	NASA (ERIS)
1979	Topographic Map	USGS (ERIS)
1979	Parcel Records	Kodiak Island Borough Tax Records
1984	Topographic Map	USGS (ERIS)
1985	Aerial Photograph	Google Earth Pro
1987	Topographic Map	USGS (ERIS)
1988 to 2003	None	Data Gap/Failure, Significant
2004	Aerial Photograph	USDA (ERIS)
2005 to 2009	None	Data Gap, Insignificant
2010	Aerial Photograph	Google Earth Pro
2015	Aerial Photograph	Google Earth Pro
2016	Aerial Photograph	Google Earth Pro
2018	Aerial Photograph	Google Earth Pro
2019	Aerial Photograph	Google Earth Pro
2020	Aerial Photograph	Google Earth Pro
2021	Aerial Photograph	Google Earth Pro

5.1 HISTORICAL AERIAL PHOTOGRAPHS

Historical aerial photographs were obtained through ERS and Google Earth Pro sources. **Table 5-2** summarizes visible changes observed on the aerial photographs. Aerial photographs provided by ERS are presented in **Appendix D**.

TABLE 5-2: HISTORICAL AERIAL PHOTOGRAPHY

Year	Scale	Source	Description (Subject Property and Adjacent Facilities)
1951	1:500	United States Navy (ERIS)	The Subject Property appears to be mostly cleared and in use as a recreational track/field. No structures are present on the Subject Property. Airport Road appears to be unpaved to the southwest of the Subject Property. The area to the northeast of the Subject Property appears to be vegetated and undeveloped. The Buskin River is farther to the northeast. The access road to the north and east of the Subject Property appears to be unpaved and in similar orientation to the current access road. A bridge crosses the Buskin River from the unpaved access road.
1964	1:500	USFWS (ERIS)	The track/field oval is no longer apparent on the Subject Property. No structures or trailers are present on the Subject Property; however, construction activities appear to be occurring on Lot 5A of the Subject Property. Construction activities appear to be occurring to the southeast of the Subject Property. Kodiak Airport Runway 7/25 has been extended since the 1951 aerial photograph.
1973	1:500	USAF (ERIS)	The Subject Property appears to be vacant and undeveloped. No structures or trailers are present on the Subject Property. A building is located on a lot to the south of Airport Way. The remaining surrounding properties appear to be similar to the 1964 aerial photograph.
1978	1:500	NASA (ERIS)	The Subject Property and the surrounding properties appear to have minimal changes since the 1973 aerial photograph. The bridge from the access road across the Buskin River is no longer present.
1985	Varies	Google Earth Pro	A building appears to be present on the Subject Property. It appears that buildings have been constructed across Airport Way since the 1978 aerial photograph.
2004	1:500	USDA (ERIS)	The Subject Property and surrounding properties have been developed. A building is present to the north of the access road. The roads surrounding the Subject Property appear to be paved.
2010	Varies	Google Earth Pro	No changes from the 2004 aerial photograph.
2015	Varies	Google Earth Pro	No changes from the 2010 aerial photograph.
2016	Varies	Google Earth Pro	No changes from the 2015 aerial photograph.
2018	Varies	NAIP (ERIS)	No changes from the 2015 aerial photograph.
2019	Varies	Google Earth Pro	No changes from the 2017 aerial photograph.
2020	Varies	Google Earth Pro	No changes from the 2019 aerial photograph.
2021	Varies	Google Earth Pro	No changes from the 2020 aerial photograph.

5.2 HISTORICAL USGS TOPOGRAPHIC MAPS

Historical topographic maps were obtained through ERIS and the following table summarizes visible changes observed on the maps. Topographic maps provided by ERIS are included in **Appendix D**.

TABLE 5-3: HISTORICAL USGS TOPOGRAPHIC MAPS

Year	Scale	Source	Description (Subject Property and Adjacent Facilities)
1949	15-minute	USGS (ERIS)	The Subject Property and adjacent properties appear to be undeveloped land. The Kodiak Airport is located to the southeast of the Subject Property.
1951	15-minute	USGS (ERIS)	No changes from the 1949 topographic map.
1963	15-minute	USGS (ERIS)	The Subject Property is not included in the provided 1963 topographic map.
1966	15-minute	USGS (ERIS)	The Subject Property and adjacent properties appear to be undeveloped land. The Kodiak Airport has been extended since the 1951 topographic map.
1967	15-minute	USGS (ERIS)	The Subject Property is not included in the provided 1967 topographic map.
1971	15-minute	USGS (ERIS)	No changes from the 1966 topographic map.
1979	15-minute	USGS (ERIS)	No changes from the 1971 topographic map.
1984	15-minute	USGS (ERIS)	The Subject Property is not included in the provided 1984 topographic map.
1987	7.5-minute	USGS (ERIS)	No changes from the 1979 topographic map.

5.3 HISTORICAL FIRE INSURANCE MAPS

Historical fire insurance maps were not available for the Subject Property based on the ERIS search. (**Appendix D**).

5.4 HISTORICAL CITY DIRECTORIES

Historical city directories were obtained through ERIS. The Subject Property was not listed in the city directories. An adjacent property to the southwest of the Subject Property was listed as Rent-a-Heap. The adjacent properties on Airport Way were listed as commercial properties (**Appendix D**).

5.5 PROPERTY TAX FILES

The Kodiak Island Borough online tax records indicate that the Subject Property was purchased by the current owner for use as an auto service garage. The building on Lot 5A does not have an estimated construction date. The building on Lot 3 was constructed 1979 (KIB, 2021).

A search for environmental liens or activity and use limitations (AUL) did not result in identified environmental liens or AUL for the Subject Property. The Environmental Lien Reports for Lot 3 and Lot 5A are included in **Appendix G**.

5.6 PRIOR REPORTS/ PERMITS

No prior reports were reviewed in relation to the Subject Property:

6.0 SITE RECONNAISSANCE

The Phase I ESA site visit was performed by an R&M environmental professional on 18 October 2021. Weather conditions were in the 40s °F and did not affect the site investigation. The ground throughout the Subject Property was visible. The visual inspection was performed on foot.

6.1 METHODOLOGY LIMITING CONDITIONS / DEVIATIONS

The visual inspection included investigation of, but was not limited to, the following potentials: presence of drums which might indicate use or storage of hazardous materials on-site, evidence of illegal land filling, indications of leaking aboveground storage tanks (AST) and previously unknown USTs, and other activities which might tend to result in environmental contamination.

6.2 GENERAL SITE OBSERVATIONS

The following features were observed during the site reconnaissance, as described below.

6.2.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS AND CONTAINERS

During site reconnaissance the following items were found in both parcels of the Subject Property:

- Miscellaneous vehicle maintenance products
- Numerous fire extinguishers

6.2.2 UNIDENTIFIED SUBSTANCE CONTAINERS

Two 55-gallon drums of an unknown substance were present in the Lot 5A building of the Subject Property. The drums were not labeled. No spills were apparent. Also referenced in **Section 6.2.6**.

6.2.3 STORAGE TANKS

Two storage tanks were observed on the Subject Property.

- 500-gallon gasoline AST (no longer in use) on Lot 3
- 500-gallon diesel AST (no longer in use) on Lot 5A

The 500-gallon gasoline and 500-gallon diesel ASTs represent RECs for the Subject Property due to the potential for releases of petroleum hydrocarbon from the ASTs.

6.2.4 ODORS

No unusual odors, petroleum or otherwise, were noted during reconnaissance on the Subject Property.

6.2.5 POOLS OF LIQUID

No unknown pools of liquid were observed.

6.2.6 DRUMS

One 55-gallon used oil drum with contents was observed on Lot 5A. Two drums with unknown contents were present in the maintenance building on Lot 5A as described in **Section 6.2.2**. Drums are considered to represent a REC due to the potential for releases if the material is not disposed of in accordance with Federal, State, and local regulations

6.2.7 POLYCHLORINATED BIPHENYLS (PCB)

One transformer was observed near the drainage ditch along the access road on the western edge of the Subject Property. It is unknown if the transformer is active. The transformer was not labeled with a “no PCB” label but no signs of soil staining or releases were observed and it is not considered to represent a REC to the Subject Property.

6.3 EXTERIOR SITE OBSERVATIONS

The following features were observed during the site reconnaissance, as described below.

The Subject Property has three buildings present. The buildings include the two maintenance shops (one on each lot) and a storage shed (Lot 5A). Multiple vehicles are stored throughout the Subject Property.

6.3.1 PITS, PONDS, OR LAGOONS

No pits, ponds, or lagoons were observed on the Subject Property.

6.3.2 STAINED SOIL OR PAVEMENT

No stained soil/gravel was observed on the Subject Property.

6.3.3 STRESSED VEGETATION

No stressed vegetation was observed on the Subject Property.

6.3.4 SOLID WASTE

In general, occasional litter (i.e. food containers, plastic bags, paper, plastic) were observed scattered on the ground on the Subject Property.

General litter is not considered to represent a REC for the Subject Property.

6.3.5 WASTEWATER

No storm drains or wastewater sources were observed on the Subject Property. Storm water appears to infiltrate into the ground or travel by sheet flow on minor gradients across the Subject Property.

6.3.6 WELLS

No wells were observed on the Subject Property.

6.3.7 SEPTIC SYSTEMS

No septic systems were observed on the Subject Property.

6.4 INTERIOR SITE OBSERVATIONS

The following features were observed during the site reconnaissance, as described below.

6.4.1 HEATING/COOLING

A furnace and hot water heater located in a closet reportedly heated the buildings on both lots. The offices within both maintenance shops were heated with baseboard heaters. No cooling system was observed at the Subject Property.

6.4.2 ELEVATOR SHAFTS

No elevator shafts were observed at the Subject Property.

6.4.3 STAINS OR CORROSION

De minimis staining was observed in the maintenance shop. No corrosion was noted within the maintenance shop.

6.4.4 DRAINS OR SUMPS

Three floor drains were observed in the maintenance shops, two in the building on Lot 3 and one in the building on Lot 5A. It is unclear where these drains discharge. Due to reported housekeeping issues with petroleum product storage and use at the facility, the floor drains are considered to represent a REC for the Subject Property.

7.0 INTERVIEWS

In order to qualify for one of the LLP offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”), the user must conduct inquiries required by 40 Code of Federal Regulations (CFR) 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide information to the environmental professional. Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.

7.1 USER QUESTIONNAIRE

No response was received to the User Questionnaire sent to DOT&PF.

7.1.1 KNOWLEDGE OF ENVIRONMENTAL LIENS

No response received.

7.1.2 KNOWLEDGE OF ACTIVITY AND USE LIMITATIONS

No response received.

7.1.3 SPECIALIZED KNOWLEDGE OR EXPERIENCE

No response received.

7.1.4 PURCHASE PRICE COMPARED TO FAIR MARKET VALUE

No response received.

7.1.5 COMMON OR REASONABLY ASCERTAINABLE INFORMATION

No response received.

7.1.6 OBVIOUS INDICATORS OF CONTAMINATION OR A RELEASE

No response received.

7.2 KEY SITE MANAGER

DOT&PF is the property owner and Key Site Manager. Phil Smith with DOT&PF (Airport Manager) was interviewed by phone regarding the Subject Property on 15 December 2021. Mr. Smith has been aware of operations at the Subject Property for approximately 23 years and related the following information and recollections during this phone discussion.

Mr. Smith does not recall making hazardous materials (HAZMAT) responses to the site. There was reportedly a burn barrel in use approximately 10 to 15 years ago that DOT&PF asked the former lessee (Gary Peterson) to stop using. Housekeeping practices regarding petroleum products and vehicle storage at the Subject Property were observed to need improvement. Mr. Smith recalls at least verbal notices being given to the former lessee to improve housekeeping over the years.

Stained ground has been reportedly observed at the Subject Property in relation to stored petroleum products and vehicles. The former lessee reportedly operated a long-term vehicle storage service at the Subject Property for personal cars, boats, race cars, vans, and wrecked rental cars. Many of the stored rental cars (wrecked) were observed to be in various states of disassembly as parts were presumably being harvested for use in operational rental car maintenance. Other former lessee operations included operating a rental car business that included vehicle maintenance and washing under the name "Budget Car Rental". The Subject Property was reportedly abandoned by the former lessee in approximately 2018 or 2019 and there may be ongoing legal concerns regarding the lease property.

Due to reported petroleum product housekeeping concerns, storage of wrecked vehicles without known fluid control measures, rental car fleet maintenance operations, and former lessee activities are considered to represent a REC for the Subject Property.

8.0 FINDINGS

8.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

There were six RECs identified for the Subject Property as described in **Section 9.2**.

8.2 CONTROLLED ENVIRONMENTAL CONDITIONS

No controlled environmental conditions (CREC) were identified for the Subject Property.

8.3 HISTORICAL ENVIRONMENTAL CONDITIONS

The FUDS listing represents a HREC for the Subject Property (**Section 4.1**).

8.4 DE MINIMIS CONDITIONS

De minimis staining was identified at the Subject Property in the auto service shop yards.

9.0 RECOMMENDATIONS

R&M provides the following recommendations for the site:

9.1 ADDITIONAL INVESTIGATION

R&M provides the following recommendations for additional investigation at the site.

- Perform a Phase II ESA (Limited Site Investigation) to investigate the RECs identified for the Subject Property.

9.2 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of Lot 3 and Lot 5A, Block 1400 of Airport Way, the property. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

1. The 500-gallon heating oil UST on Lot 5A represents a REC due to the unknown condition and age of the UST (greater than 40 years) (**Section 4.1**).
2. The 500-gallon gasoline AST on Lot 3 represents a REC due to the potential for releases of petroleum hydrocarbons (**Section 6.2.3**).
3. The 500-gallon diesel AST on Lot 5A represents a REC due to the potential for releases of petroleum hydrocarbons (**Section 6.2.3**).
4. Drums with unknown contents and used oil stored on Lot 5A represents a REC due to the potential for releases if the material is not disposed of in accordance with Federal, State, and local regulations (**Section 6.2.6**).
5. Floor drains on both lots are considered a REC due to reported housekeeping issues with petroleum product storage and use at the facility (**Section 6.4.4**).
6. Due to reported petroleum product housekeeping concerns, storage of wrecked vehicles without known fluid control measures, and rental car fleet maintenance operations former lessee activities on both lots are considered to represent a REC (**Section 7.2**).

10.0 CLOSURE

We have performed this Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM standard designation E1527-13. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

This report has been prepared for the exclusive use of DOT&PF and their representatives in the study of this project area. The findings we have presented within this report are based on limited research or readily available data in accordance with standard practices for environmental site assessments. Since opinions of conditions prevailing on a particular site must be based on the work authorized by the client, all findings/data must be construed as representative of the site at a particular moment in time and the result of services performed within the scope, limitations, and cost of the work requested.

Changes in the conditions of the project area or of individual sites in the vicinity of the project area may occur with the passage of time and may be due to natural processes or the works of humans. In addition, changes in government codes, or both State or Federal regulations and laws, may occur. Due to such changes – which are beyond our control – observations and recommendations applicable to this project may need to be revised wholly or in part from time to time. R&M Consultants, Inc. performed this work in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions. No warranty, express or implied, beyond exercise of reasonable care and professional diligence is made.

We appreciate the opportunity to perform this Phase I Environmental Site Assessment. Should you require additional information regarding the investigation or this report, please contact us.

Sincerely,

R&M CONSULTANTS, INC

Prepared by:



Vanessa Crandell-Beck
Environmental Geologist

Reviewed By:



Christopher D. Fell, CPG
Senior Geologist



Kristi M. McLean, LEED AP BD+C
Group Manager – Environmental Services

11.0 REFERENCES

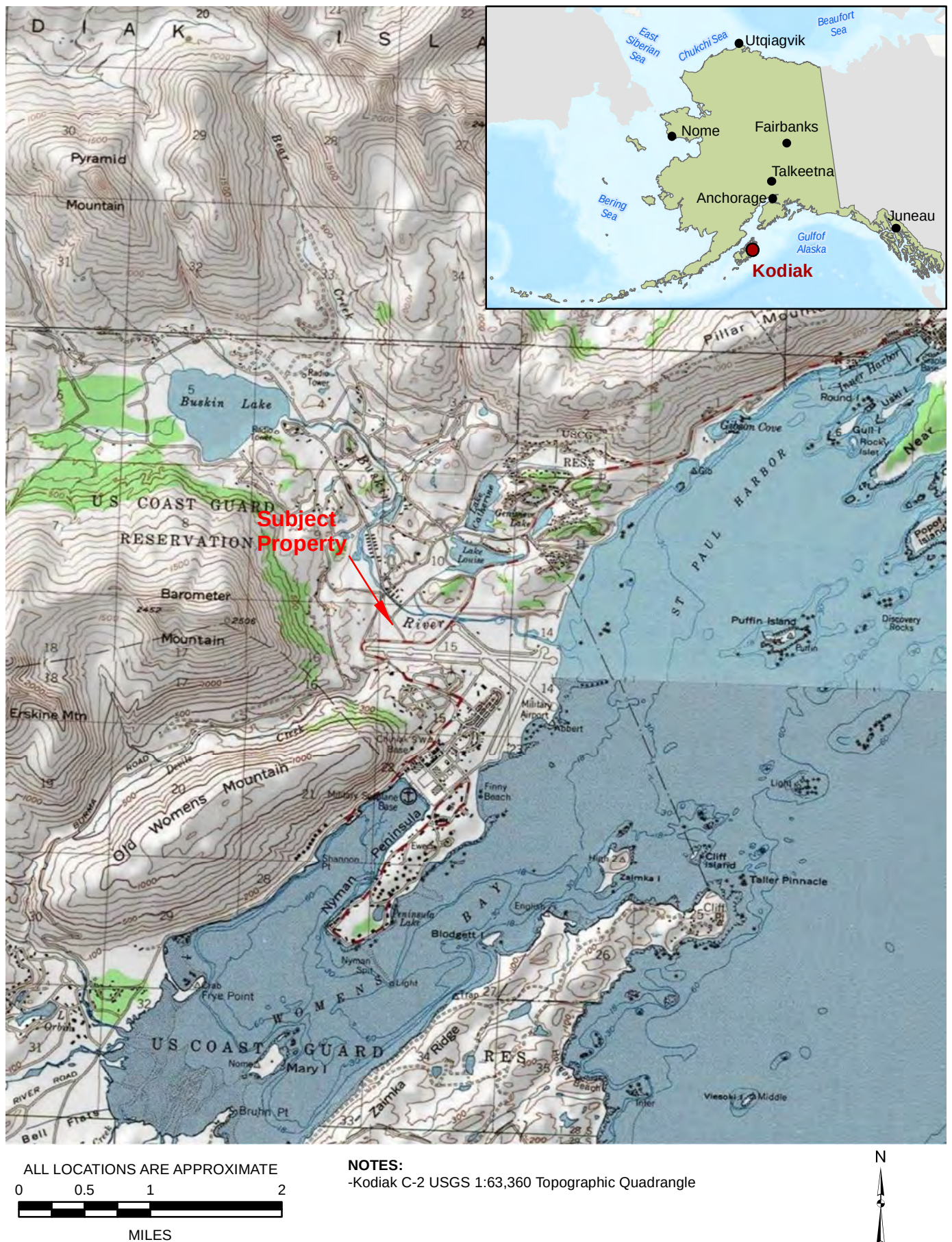
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APPENDIX A

DRAWINGS

Topographic Map.....	A-01
Adjacent Properties.....	A-02
Site Features	A-03

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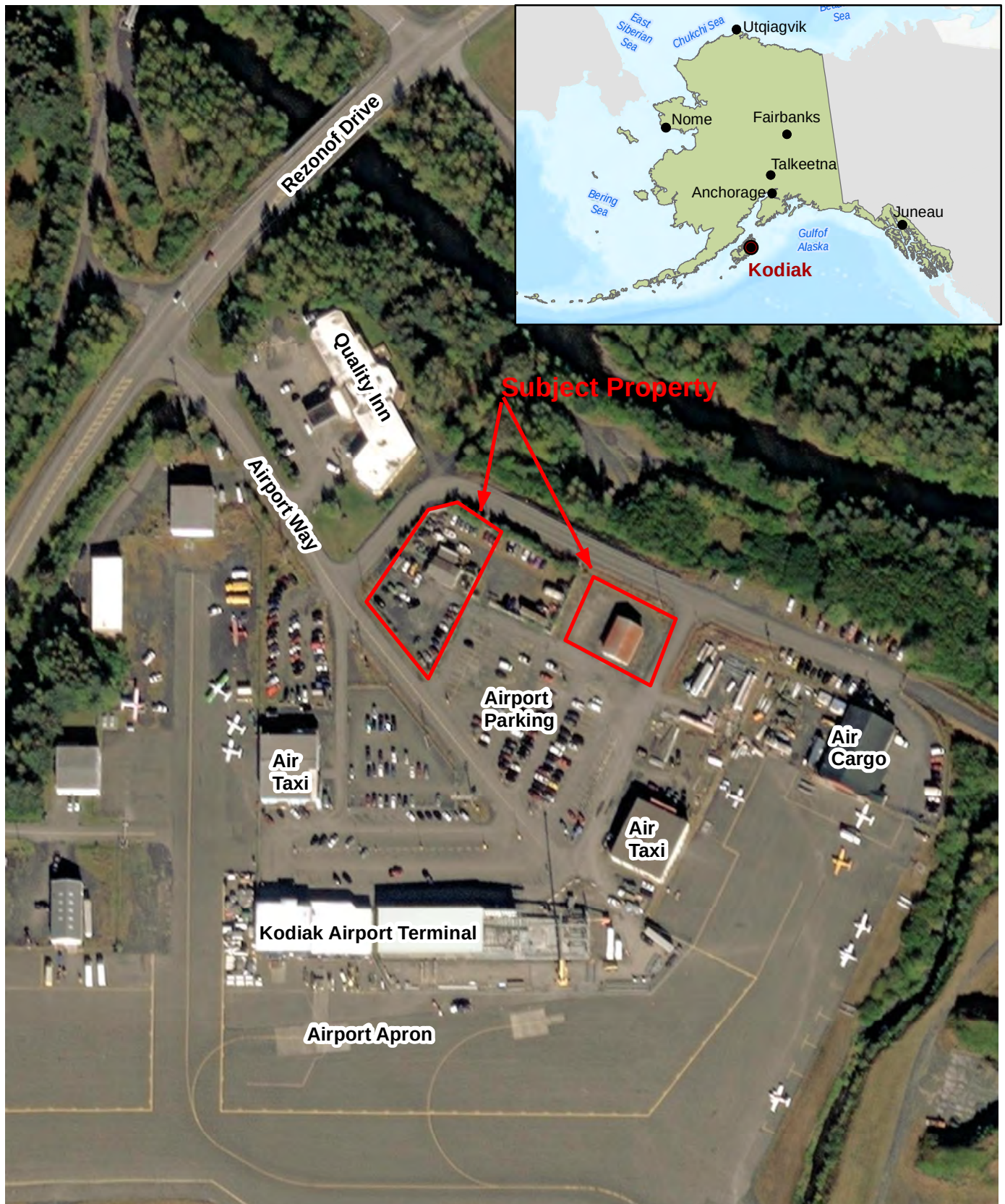
PREPARED BY:
R&M CONSULTANTS, INC.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
DOT&PF AIRPORT STRUCTURE REMOVAL

TOPOGRAPHIC MAP

PROJ.NO: 2658.13
DATE: NOV 2021
REF: KODIAK PHI
DRAWING NO: A-01

Date Saved: 11/30/2021 3:15:42 PM by V.Crandell-Beck \\rm.rmn\TZ\ GIS\Projects\2658.13 DOT SWPE SC Airport Structure Removal\Map Documents\Kodiak\DWG A-02 Adjacent Properties KodiakPHI.mxd



ALL LOCATIONS ARE APPROXIMATE
0 100 200 400
APPROXIMATE SCALE IN FEET

NOTES:
Aerial photography from ESRI Online, World Imagery.
Site features are based on field observations from 10/18/2021.



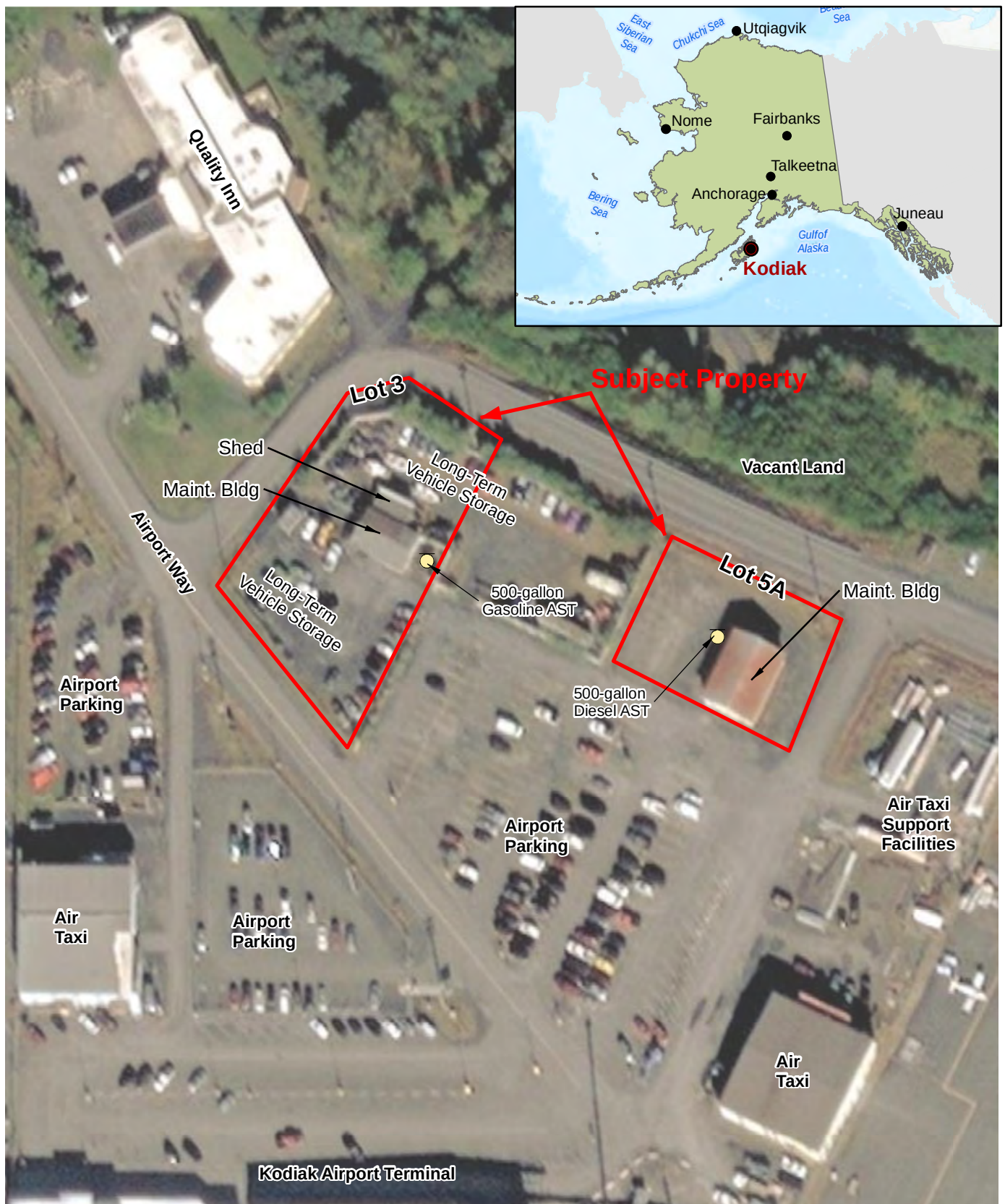
PREPARED BY:
R&M CONSULTANTS, INC.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
DOT&PF AIRPORT STRUCTURE REMOVAL

ADJACENT PROPERTIES

PROJ.NO: 2658.13
DATE: NOV 2021
REF: KODIAK PHI
DRAWING NO: A-02

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ALL LOCATIONS ARE APPROXIMATE
 0 50 100 200
 APPROXIMATE SCALE IN FEET

NOTES:
 Aerial photography from ESRI Online, World Imagery.
 Site features are based on field observations from 10/18/2021.



PREPARED BY:
 R&M CONSULTANTS, INC.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 DOT&PF AIRPORT STRUCTURE REMOVAL

SITE FEATURES

PROJ.NO: 2658.13
 DATE: DEC 2021
 REF: KODIAK PHI
 DRAWING NO: A-03

APPENDIX B

RESUMES

(AVAILABLE ON REQUEST)

APPENDIX C

DATABASE AND PHYSICAL SETTING REPORTS



DATABASE REPORT

Project Property:	<i>Kodiak Airport Structure Removal Lot 3, Block 1400, Airport Way Kodiak AK</i>
Project No:	<i>2658.13</i>
Report Type:	<i>Database Report</i>
Order No:	<i>21102200602</i>
Requested by:	<i>R&M Consultants, Inc.</i>
Date Completed:	<i>October 26, 2021</i>

Environmental Risk Information Services

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Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary by Data Source.....	14
Map.....	22
Aerial.....	25
Topographic Map.....	26
Detail Report.....	27
Unplottable Summary.....	181
Unplottable Report.....	183
Appendix: Database Descriptions.....	199
Definitions.....	209

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Executive Summary

Property Information:

Project Property: *Kodiak Airport Structure Removal
Lot 3, Block 1400, Airport Way Kodiak AK*

Project No: *2658.13*

Coordinates:

Latitude:	<i>57.75563031</i>
Longitude:	<i>-152.51420989</i>
UTM Northing:	<i>57.76</i>
UTM Easting:	<i>-152.51</i>
UTM Zone:	<i>UTM Zone 05V</i>

Elevation: *64 FT*

Order Information:

Order No: *21102200602*

Date Requested: *October 22, 2021*

Requested by: *R&M Consultants, Inc.*

Report Type: *Database Report*

Historicals/Products:

Aerial Photographs	<i>Historical Aerials (with Project Boundaries)</i>
Chain of Title & Lien Searches	<i>Environmental Lien Search</i>
City Directory Search	<i>CD - 2 Street Search</i>
ERIS Xplorer	<i>ERIS Xplorer</i>
Excel Add-On	<i>Excel Add-On</i>
Fire Insurance Maps	<i>US Fire Insurance Maps</i>
Physical Setting Report (PSR)	<i>Physical Setting Report (PSR)</i>
Topographic Map	<i>Topographic Maps</i>

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	1	1	-	-	2
RCRA NON GEN	Y	0.25	0	2	0	-	-	2
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	0	4	3	3	10	20
DELISTED SHWS	Y	1	0	0	0	0	1	1
SWF/LF	Y	0.5	0	0	0	1	-	1
LUST	Y	0.5	0	2	0	1	-	3
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	10	3	-	-	13
TANK	Y	0.5	0	0	1	0	-	1
AST	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
ENG	Y	0.5	0	0	0	1	-	1
INST	Y	0.5	0	2	1	1	-	4
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	3	-	-	-	3
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	5	-	-	-	5
NCDL	Y	0.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	2	0	0	1	1	4
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0

State

SPILLS	Y	0.125	0	6	-	-	-	6
PFAS	Y	0.5	0	0	0	0	-	0
CDL	Y	0.125	0	0	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Total:	2	35	9	8	12	66

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<u>1</u>	FUDS	KODIAK NAVY/ARMY	KODIAK AK <i>FUDS Property No: F10AK1007</i>	SSW	0.00 / 0.00	0	<u>27</u>
<u>1</u>	FUDS	KODIAK CG SUP CNTR	KODIAK, SW. OF AK <i>FUDS Property No: F10AK0840</i>	SSW	0.00 / 0.00	0	<u>27</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	FINDS/FRS	RAVN-KODIAK AIRPORT	1427 AIRPORT WAY KODIAK AK 99615 <i>Registry ID: 110055240083</i>	WSW	0.00 / 15.73	0	28
2	FINDS/FRS	RAVN-KODIAK AIRPORT	1427 AIRPORT WAY KODIAK AK 99615 <i>Registry ID: 110070501808</i>	WSW	0.00 / 15.73	0	28
3	FINDS/FRS	ANDREW AIRWAYS INC	1522 DEVILS CREEK RD KODIAK AK 99615 <i>Registry ID: 110003036795</i>	NNE	0.01 / 28.60	0	29
4	SPILLS	Kodiak Airport	1500 Airport Way Kodiak AK 99615 <i>Spill ID Case Closed Date: 66080 10/26/2020 12:00:00 AM</i>	SSW	0.01 / 33.21	1	30
5	RCRA VSQG	UPS - KODIAK	1420 AIRPORT ROAD KODIAK AK 99615 <i>EPA Handler ID: AKR000208975</i>	WSW	0.01 / 35.59	0	30
6	UST	Hangar Of Uyak Air Service, Inc.	Kodiak State Airport lot 5, Block 1600 Kodiak AK 99615 <i>Facility ID: 1034</i> <i>DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/15/1994</i>	SSE	0.02 / 113.07	1	31
6	UST	Pen Air Kodiak	Kodiak State Airport lot 7, Block 1600 Kodiak AK 99615 <i>Facility ID: 1040</i> <i>DEC Tank ID Status: 2 Permanently Out of Use Closed on 4/10/1998, 1 Permanently Out of Use Closed on 4/16/1998</i>	SSE	0.02 / 113.07	1	32
7	HMIRS		1647 Airport Way KODIAK AK	SSE	0.03 / 155.03	2	33
7	HMIRS		1647 Airport Way KODIAK AK	SSE	0.03 / 155.03	2	36
8	SHWS	Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	SW	0.03 / 156.74	1	40
8	INST	Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	SW	0.03 / 156.74	1	44
8	LUST	Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600 Kodiak AK 99615	SW	0.03 / 156.74	1	49

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
Status LUST Event ID: Cleanup Complete - Institutional Controls 2718							
9	UST	R & K, Inc.	Lot 5 Blk. 1400 Kod. State Arpt. Kodiak AK 99615 Facility ID: 1555 DEC Tank ID Status: 1 Currently in Use	E	0.04 / 194.30	1	54
10	SHWS	ADOT&PF Kodiak Airport Apron Drums	US Coast Guard Airport, Kodiak, AK 99615 AK	W	0.06 / 326.71	-2	54
11	HMIRS		1647 airport road KODIAK AK	S	0.06 / 331.54	3	57
11	HMIRS		1647 airport road KODIAK AK	S	0.06 / 331.54	3	58
12	SHWS	Alaska Airlines - Kodiak	Kodiak International Terminal Building, Kodiak, AK 99615 AK	SW	0.08 / 421.14	5	60
12	LUST	Alaska Airlines - Kodiak	Kodiak International Terminal Building Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1244	SW	0.08 / 421.14	5	61
13	SHWS	MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.09 / 467.83	-3	63
13	INST	MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.09 / 467.83	-3	68
14	RCRA NON GEN	PENINSULA AIRWAYS INC	LOT 7 BLOCK KODIAK STATE AIRPORT KODIAK AK 99615 EPA Handler ID: AKR000002600	WSW	0.09 / 474.76	5	73
14	HMIRS		KODIAK AIRPORT KODIAK AK	WSW	0.09 / 474.76	5	74
14	UST	Kodiak Terminal	Alaska Airline Terminal kodiak Airport Kodiak AK 99615 Facility ID: 332 DEC Tank ID Status: 1 Permanently Out of Use Closed on 5/2/1994, 2 Permanently Out of Use Closed on 5/2/1994	WSW	0.09 / 474.76	5	76
14	UST	Brechan Hangar	State Airport Kodiak AK 99615 Facility ID: 1168 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/1/1994, 3 Permanently Out of Use Closed on 5/16/1990, 4 Permanently Out of Use Closed on 5/16/1990, 2 Permanently Out of Use Closed on 8/1/1994	WSW	0.09 / 474.76	5	77

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
14	UST	Hertz Car & Truck Rntl. Licenser	Kodiak Airport Kodiak AK 99615 <i>Facility ID:</i> 1520 <i>DEC Tank ID Status:</i> 1 Permanently Out of Use Closed on 11/1/1991	WSW	0.09 / 474.76	5	79
14	UST	Building 520 Abandoned	Kodiak Airport Vicinity Kodiak AK 99615 <i>Facility ID:</i> 3303 <i>DEC Tank ID Status:</i> 2 Permanently Out of Use, 1 Permanently Out of Use, 3 Permanently Out of Use	WSW	0.09 / 474.76	5	79
14	UST	USFWS - Kodiak National Wildlife Refuge	Kodiak State Airport-hangar Site Kodiak AK 99615 <i>Facility ID:</i> 414 <i>DEC Tank ID Status:</i> 1 Permanently Out of Use Closed on 9/20/1993	WSW	0.09 / 474.76	5	81
14	UST	Former Markair - Kodiak Station	Kodiak Airport Lot2a Kodiak AK 99615 <i>Facility ID:</i> 92 <i>DEC Tank ID Status:</i> 1 Permanently Out of Use Closed on 4/3/1998, 3 Permanently Out of Use Closed on 5/1/1990, 4 Permanently Out of Use Closed on 4/15/1991, 5 Permanently Out of Use Closed on 10/20/1999, 6 Permanently Out of Use Closed on 10/20/1999, 2 Permanently Out of Use Closed on 4/3/1998	WSW	0.09 / 474.76	5	81
14	SPILLS	KODIAK AIRPORT COAST GUARD BASE MILE MARKER 5.1 BE	Kodiak AK 99615 <i>Spill ID Case Closed Date:</i> 11468 4/15/1998 12:00:00 AM	WSW	0.09 / 474.76	5	83
14	SPILLS	In Water off of Runway 25 Kodiak Airport	Kodiak Airport Kodiak AK 99615 <i>Spill ID Case Closed Date:</i> 30558 1/7/2008 12:00:00 AM	WSW	0.09 / 474.76	5	84
14	SPILLS	KODIAK AIRPORT RUNWAY 28/25	Kodiak AK 99615 <i>Spill ID Case Closed Date:</i> 8912 7/30/1998 12:00:00 AM	WSW	0.09 / 474.76	5	84
14	SPILLS	DOT Kodiak	Kodiak Airport Kodiak AK 99615 <i>Spill ID Case Closed Date:</i> 64946 3/31/2020 12:00:00 AM	WSW	0.09 / 474.76	5	85
15	RCRA NON GEN	ANDREW AIRWAYS INC	1522 DEVILS CREEK RD PO BOX 1037 KODIAK AK 99615 <i>EPA Handler ID:</i> AKR000004325	E	0.11 / 568.30	-4	85
15	UST	Andrew Airways	1522 Devil's Creek Rd Kodiak AK 99615 <i>Facility ID:</i> 2469 <i>DEC Tank ID Status:</i> 2 Permanently Out of Use Closed on 8/5/2011, 1 Permanently Out of Use Closed on 8/5/2011, 3 Permanently Out of Use Closed on 9/18/1993	E	0.11 / 568.30	-4	86
15	SPILLS	Andrew Air / Kodiak Airport	1522 Devils Creek Road Kodiak AK 99615 <i>Spill ID Case Closed Date:</i> 39101 2/1/2012 12:00:00 AM	E	0.11 / 568.30	-4	87
16	SHWS	USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	N	0.19 / 1,006.60	3	87

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	INST	USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	N	0.19 / 1,006.60	3	98
17	SHWS	USCG Kodiak Site 14 Qtrrmstr. MA7-8	Tom Stiles and Anton, Larson Bay Roads, Kodiak, AK 99619 AK	NNW	0.20 / 1,033.30	4	109
18	RCRA VSQG	ALASKA DOT & PF KODIAK M&O FAC	1500 ANTON LARSEN RD KODIAK AK 99615 <i>EPA Handler ID: AKD983074998</i>	NNW	0.20 / 1,066.59	4	112
18	SHWS	ADOT&PF Airport Maintenance Shop-Kodiak	1500 Anton Larsen Road, Kodiak, AK 99615 AK	NNW	0.20 / 1,066.59	4	116
18	UST	Kodiak State Airport	1500 Anton Larsen RD Kodiak AK 99615 <i>Facility ID: 633</i> <i>DEC Tank ID Status: 2 Permanently Out of Use, 6 Permanently Out of Use, 5 Permanently Out of Use, 7 Permanently Out of Use, 3 Permanently Out of Use, 4 Permanently Out of Use, 8 Permanently Out of Use, 1 Permanently Out of Use</i>	NNW	0.20 / 1,066.59	4	117
18	TANK	Kodiak DOT&PF Maintenance Station	1500 Anton Larsen Road Kodiak AK	NNW	0.20 / 1,066.59	4	120
19	UST	ADOTPF - Kodiak Maintenance Shop	1500 Anton Larsen Bay Rd Kodiak AK 99615 <i>Facility ID: 479</i> <i>DEC Tank ID Status: 2 Temporarily Out of Use, 1 Permanently Out of Use Closed on 10/15/1997, 3 Temporarily Out of Use</i>	NW	0.22 / 1,155.52	5	121
20	UST	AVIS Rent A Car	5152 Tom Stiles Rd Kodiak AK 99615 <i>Facility ID: 469</i> <i>DEC Tank ID Status: 1 Permanently Out of Use Closed on 10/22/1998</i>	NNE	0.25 / 1,293.62	-1	122
21	SHWS	ADOT&PF Kodiak Airport Chemical Storage Building	Kodiak Airport; Adjacent to Taxiway and Dolphin Avenue, Kodiak, AK 99615 AK	SE	0.35 / 1,822.54	13	123
22	FUDS	BUSKIN BCH-KODIAK ISL	KODIAK ISLAND AK <i>FUDS Property No: F10AK0902</i>	SSW	0.42 / 2,193.94	58	124
23	SWF/LF	Kodiak Old Navy Landfill	Kodiak AK	N	0.43 / 2,259.52	0	125
24	SHWS	USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.47 / 2,478.07	-1	125

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
24	INST	USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.47 / 2,478.07	-1	131
24	ENG	USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road Kodiak AK 99619	NNW	0.47 / 2,478.07	-1	137
25	SHWS	ADFG - Kodiak Airport	State Airport, Kodiak, Kodiak, AK 99615 AK	ESE	0.50 / 2,617.79	12	138
25	LUST	ADFG - Kodiak Airport	State Airport, Kodiak Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1501	ESE	0.50 / 2,617.79	12	139
26	SHWS	USCG Kodiak D-17 Nemetz Housing	Barometer Avenue and Alyeska Avenue, west of Lake Louise, Kodiak, AK 99615 AK	ENE	0.55 / 2,913.72	0	140
27	FUDS	BURMA ROAD	KODIAK, SW. OF AK FUDS Property No: F10AK0291	WSW	0.57 / 2,993.29	221	140
28	SHWS	USCG Aviation Hill Bldg 17, Area M	USCG Base Kodiak Aviation Hill, Kodiak, AK 99619 AK	SSE	0.58 / 3,086.87	154	141
29	SHWS	USFWS - Kodiak NWR Headquarters	1390 Buskin River Rd.; , Kodiak, AK 99615 AK	ENE	0.60 / 3,142.30	4	143
30	SHWS	Kodiak - Buskin Beach Bldg A-141	~0.25 Mile E of Anton Larson Bay Road; ~0.5 Mile N of Old Tom Stiles Road Intersection, Kodiak, AK 99615 AK	N	0.63 / 3,313.96	6	144
31	SHWS	USCG Aviation Hill Bldg 15, Area A	Aviation Hill, Kodiak, AK 99619 AK	SSE	0.65 / 3,441.20	130	146
32	SHWS	USCG Kodiak Drury Gulch, Site 18	Rezanof Highway, ~3 Miles South of Kodiak, Kodiak, AK 99619 AK	SE	0.81 / 4,292.92	44	148
33	SHWS	USCG Kodiak Site #15 Peterson School UST	; , Kodiak, AK 99619 AK	ESE	0.87 / 4,584.01	-3	161

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<u>34</u>	DELISTED SHWS	FAA Kodiak Airport	Air Traffic Control Tower, Kodiak, AK 99615 AK	ESE	0.91 / 4,793.09	-26	<u>164</u>
<u>35</u>	SHWS	FAA Kodiak Tower	USCG Base, Kodiak, Kodiak, AK 99615 AK	ESE	0.98 / 5,191.34	-18	<u>165</u>
<u>36</u>	SHWS	USCG Airport Staging Area	Kodiak, Kodiak, AK 99615 AK	E	0.99 / 5,223.16	-57	<u>166</u>
<u>37</u>	SHWS	USCG Lake Louise Drive Release	Lake Louise Drive, NE Shore of Lake Louise, Kodiak, AK 99615 AK	ENE	0.99 / 5,246.10	7	<u>179</u>

Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jun 14, 2021 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ALASKA DOT & PF KODIAK M&O FAC	1500 ANTON LARSEN RD KODIAK AK 99615 <i>EPA Handler ID: AKD983074998</i>	NNW	0.20 / 1,066.59	18

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
UPS - KODIAK	1420 AIRPORT ROAD KODIAK AK 99615 <i>EPA Handler ID: AKR000208975</i>	WSW	0.01 / 35.59	5

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jun 14, 2021 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PENINSULA AIRWAYS INC	LOT 7 BLOCK KODIAK STATE AIRPORT KODIAK AK 99615 <i>EPA Handler ID: AKR000002600</i>	WSW	0.09 / 474.76	14

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ANDREW AIRWAYS INC	1522 DEVILS CREEK RD PO BOX 1037 KODIAK AK 99615 <i>EPA Handler ID: AKR000004325</i>	E	0.11 / 568.30	15

State

SHWS - Contaminated Sites Program Database

A search of the SHWS database, dated Sep 9, 2021 has found that there are 20 SHWS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	SW	0.03 / 156.74	8

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Alaska Airlines - Kodiak	Kodiak International Terminal Building, Kodiak, AK 99615 AK	SW	0.08 / 421.14	<u>12</u>
USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	N	0.19 / 1,006.60	<u>16</u>
USCG Kodiak Site 14 Qtrmstr. MA7-8	Tom Stiles and Anton, Larson Bay Roads, Kodiak, AK 99619 AK	NNW	0.20 / 1,033.30	<u>17</u>
ADOT&PF Airport Maintenance Shop-Kodiak	1500 Anton Larsen Road, Kodiak, AK 99615 AK	NNW	0.20 / 1,066.59	<u>18</u>
ADOT&PF Kodiak Airport Chemical Storage Building	Kodiak Airport; Adjacent to Taxiway and Dolphin Avenue, Kodiak, AK 99615 AK	SE	0.35 / 1,822.54	<u>21</u>
ADFG - Kodiak Airport	State Airport, Kodiak, Kodiak, AK 99615 AK	ESE	0.50 / 2,617.79	<u>25</u>
USCG Aviation Hill Bldg 17, Area M	USCG Base Kodiak Aviation Hill, Kodiak, AK 99619 AK	SSE	0.58 / 3,086.87	<u>28</u>
USFWS - Kodiak NWR Headquarters	1390 Buskin River Rd.; , Kodiak, AK 99615 AK	ENE	0.60 / 3,142.30	<u>29</u>
Kodiak - Buskin Beach Bldg A-141	~0.25 Mile E of Anton Larson Bay Road; ~0.5 Mile N of Old Tom Stiles Road Intersection, Kodiak, AK 99615 AK	N	0.63 / 3,313.96	<u>30</u>
USCG Aviation Hill Bldg 15, Area A	Aviation Hill, Kodiak, AK 99619 AK	SSE	0.65 / 3,441.20	<u>31</u>
USCG Kodiak Drury Gulch, Site 18	Rezanof Highway, ~3 Miles South of Kodiak, Kodiak, AK 99619 AK	SE	0.81 / 4,292.92	<u>32</u>
USCG Lake Louise Drive Release	Lake Louise Drive, NE Shore of Lake Louise, Kodiak, AK 99615 AK	ENE	0.99 / 5,246.10	<u>37</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ADOT&PF Kodiak Airport Apron Drums	US Coast Guard Airport, Kodiak, AK 99615 AK	W	0.06 / 326.71	10
MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.09 / 467.83	13
USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.47 / 2,478.07	24
USCG Kodiak D-17 Nemetz Housing	Barometer Avenue and Alyeska Avenue, west of Lake Louise, Kodiak, AK 99615 AK	ENE	0.55 / 2,913.72	26
USCG Kodiak Site #15 Peterson School UST	; , Kodiak, AK 99619 AK	ESE	0.87 / 4,584.01	33
FAA Kodiak Tower	USCG Base, Kodiak, Kodiak, AK 99615 AK	ESE	0.98 / 5,191.34	35
USCG Airport Staging Area	Kodiak, Kodiak, AK 99615 AK	E	0.99 / 5,223.16	36

DELISTED SHWS - Delisted Contaminated Sites Program Database

A search of the DELISTED SHWS database, dated Sep 9, 2021 has found that there are 1 DELISTED SHWS site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FAA Kodiak Airport	Air Traffic Control Tower, Kodiak, AK 99615 AK	ESE	0.91 / 4,793.09	34

SWF/LF - Solid Waste Information Management System Database

A search of the SWF/LF database, dated Jun 11, 2021 has found that there are 1 SWF/LF site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kodiak Old Navy Landfill	Kodiak AK	N	0.43 / 2,259.52	23

LUST - Leaking Underground Storage Tanks Site List

A search of the LUST database, dated Sep 9, 2021 has found that there are 3 LUST site(s) within approximately 0.50 miles of the

project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600 Kodiak AK 99615 Status LUST Event ID: Cleanup Complete - Institutional Controls 2718	SW	0.03 / 156.74	<u>8</u>
Alaska Airlines - Kodiak	Kodiak International Terminal Building Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1244	SW	0.08 / 421.14	<u>12</u>
ADFG - Kodiak Airport	State Airport, Kodiak Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1501	ESE	0.50 / 2,617.79	<u>25</u>

UST - Underground Storage Tanks Site List

A search of the UST database, dated Aug 3, 2021 has found that there are 13 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Hangar Of Uyak Air Service, Inc.	Kodiak State Airport lot 5, Block 1600 Kodiak AK 99615 Facility ID: 1034 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/15/1994	SSE	0.02 / 113.07	<u>6</u>
Pen Air Kodiak	Kodiak State Airport lot 7, Block 1600 Kodiak AK 99615 Facility ID: 1040 DEC Tank ID Status: 2 Permanently Out of Use Closed on 4/10/1998, 1 Permanently Out of Use Closed on 4/16/1998	SSE	0.02 / 113.07	<u>6</u>
R & K, Inc.	Lot 5 Blk. 1400 Kod. State Arpt. Kodiak AK 99615 Facility ID: 1555 DEC Tank ID Status: 1 Currently in Use	E	0.04 / 194.30	<u>9</u>
Former Markair - Kodiak Station	Kodiak Airport Lot2a Kodiak AK 99615 Facility ID: 92 DEC Tank ID Status: 1 Permanently Out of Use Closed on 4/3/1998, 3 Permanently Out of Use Closed on 5/1/1990, 4 Permanently Out of Use Closed on 4/15/1991, 5 Permanently Out of Use Closed on 10/20/1999, 6 Permanently Out of Use Closed on 10/20/1999, 2 Permanently Out of Use Closed on 4/3/1998	WSW	0.09 / 474.76	<u>14</u>
Building 520 Abandoned	Kodiak Airport Vicinity Kodiak AK 99615 Facility ID: 3303 DEC Tank ID Status: 2 Permanently Out of Use, 1 Permanently Out of Use, 3 Permanently Out of Use	WSW	0.09 / 474.76	<u>14</u>
USFWS - Kodiak National Wildlife Refuge	Kodiak State Airport-hangar Site Kodiak AK 99615 Facility ID: 414 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/20/1993	WSW	0.09 / 474.76	<u>14</u>
Kodiak Terminal	Alaska Airline Terminal kodiak Airport Kodiak AK 99615 Facility ID: 332 DEC Tank ID Status: 1 Permanently Out of Use Closed on 5/2/1994, 2 Permanently Out of Use Closed on	WSW	0.09 / 474.76	<u>14</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	5/2/1994			
Brechan Hangar	State Airport Kodiak AK 99615	WSW	0.09 / 474.76	14
	Facility ID: 1168 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/1/1994, 3 Permanently Out of Use Closed on 5/16/1990, 4 Permanently Out of Use Closed on 5/16/1990, 2 Permanently Out of Use Closed on 8/1/1994			
Hertz Car & Truck Rntl. Licensor	Kodiak Airport Kodiak AK 99615	WSW	0.09 / 474.76	14
	Facility ID: 1520 DEC Tank ID Status: 1 Permanently Out of Use Closed on 11/1/1991			
Kodiak State Airport	1500 Anton Larsen RD Kodiak AK 99615	NNW	0.20 / 1,066.59	18
	Facility ID: 633 DEC Tank ID Status: 2 Permanently Out of Use, 6 Permanently Out of Use, 5 Permanently Out of Use, 7 Permanently Out of Use, 3 Permanently Out of Use, 4 Permanently Out of Use, 8 Permanently Out of Use, 1 Permanently Out of Use			
ADOTPF - Kodiak Maintenance Shop	1500 Anton Larsen Bay Rd Kodiak AK 99615	NW	0.22 / 1,155.52	19
	Facility ID: 479 DEC Tank ID Status: 2 Temporarily Out of Use, 1 Permanently Out of Use Closed on 10/15/1997, 3 Temporarily Out of Use			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Andrew Airways	1522 Devil's Creek Rd Kodiak AK 99615	E	0.11 / 568.30	15
	Facility ID: 2469 DEC Tank ID Status: 2 Permanently Out of Use Closed on 8/5/2011, 1 Permanently Out of Use Closed on 8/5/2011, 3 Permanently Out of Use Closed on 9/18/1993			
AVIS Rent A Car	5152 Tom Stiles Rd Kodiak AK 99615	NNE	0.25 / 1,293.62	20
	Facility ID: 469 DEC Tank ID Status: 1 Permanently Out of Use Closed on 10/22/1998			

TANK - Bulk Fuel Inventory

A search of the TANK database, dated Apr 1, 2021 has found that there are 1 TANK site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kodiak DOT&PF Maintenance Station	1500 Anton Larsen Road Kodiak AK	NNW	0.20 / 1,066.59	18

ENG - Sites with Engineering Controls

A search of the ENG database, dated Sep 9, 2021 has found that there are 1 ENG site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road Kodiak AK 99619	NNW	0.47 / 2,478.07	24

INST - Sites with Institutional Controls

A search of the INST database, dated Sep 9, 2021 has found that there are 4 INST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	SW	0.03 / 156.74	8
USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	N	0.19 / 1,006.60	16

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.09 / 467.83	13
USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.47 / 2,478.07	24

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 3 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ANDREW AIRWAYS INC	1522 DEVILS CREEK RD KODIAK AK 99615 <i>Registry ID: 110003036795</i>	NNE	0.01 / 28.60	3

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
RAVN-KODIAK AIRPORT	1427 AIRPORT WAY KODIAK AK 99615 <i>Registry ID: 110055240083</i>	WSW	0.00 / 15.73	2
RAVN-KODIAK AIRPORT	1427 AIRPORT WAY KODIAK AK 99615	WSW	0.00 / 15.73	2

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>

Registry ID: 110070501808

HMIRS - Hazardous Materials Information Reporting System

A search of the HMIRS database, dated Sep 1, 2020 has found that there are 5 HMIRS site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>

1647 Airport Way KODIAK AK	SSE	0.03 / 155.03	<u>7</u>

1647 Airport Way KODIAK AK	SSE	0.03 / 155.03	<u>7</u>

1647 airport road KODIAK AK	S	0.06 / 331.54	<u>11</u>

1647 airport road KODIAK AK	S	0.06 / 331.54	<u>11</u>

KODIAK AIRPORT KODIAK AK	WSW	0.09 / 474.76	<u>14</u>

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated May 26, 2021 has found that there are 4 FUDS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>

KODIAK NAVY/ARMY	SSW	0.00 / 0.00	<u>1</u>

KODIAK AK

FUDS Property No: F10AK1007

KODIAK CG SUP CNTR	SSW	0.00 / 0.00	<u>1</u>

KODIAK, SW. OF AK

FUDS Property No: F10AK0840

BUSKIN BCH-KODIAK ISL	SSW	0.42 / 2,193.94	<u>22</u>

KODIAK ISLAND AK

FUDS Property No: F10AK0902

BURMA ROAD	WSW	0.57 / 2,993.29	<u>27</u>

KODIAK, SW. OF AK

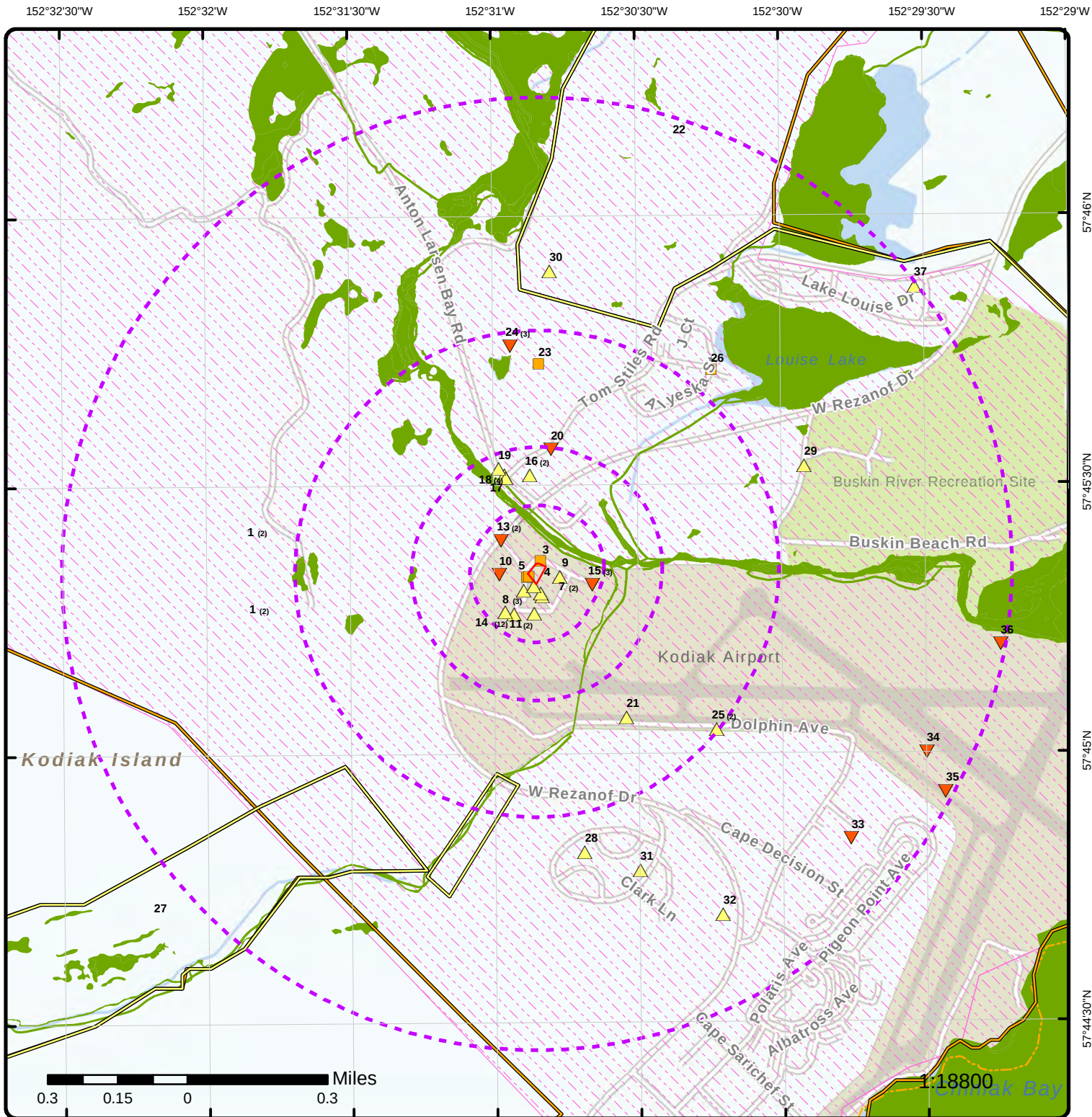
FUDS Property No: F10AK0291

State

SPILLS - Spill Prevention and Response Online Spills Database

A search of the SPILLS database, dated Sep 1, 2021 has found that there are 6 SPILLS site(s) within approximately 0.12 miles of the project property.

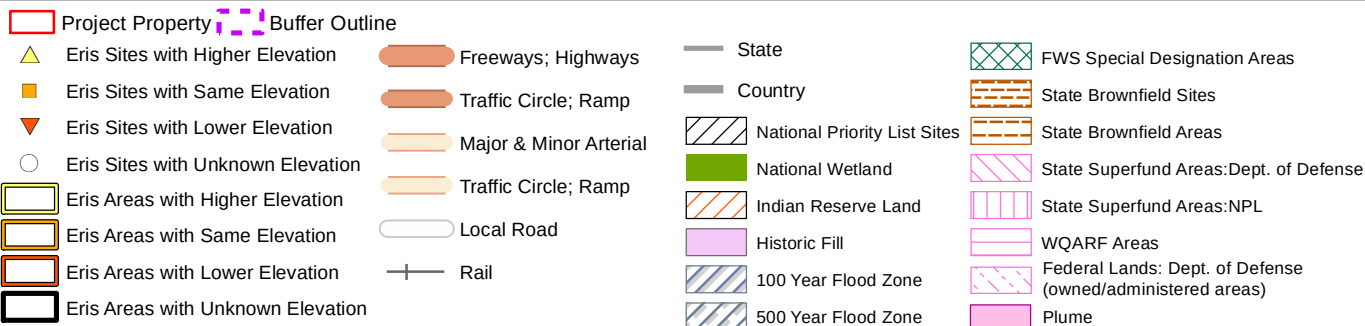
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kodiak Airport	1500 Airport Way Kodiak AK 99615	SSW	0.01 / 33.21	<u>4</u>
<i>Spill ID Case Closed Date: 66080 10/26/2020 12:00:00 AM</i>				
KODIAK AIRPORT COAST GUARD BASE MILE MARKER 5.1 BE	Kodiak AK 99615	WSW	0.09 / 474.76	<u>14</u>
<i>Spill ID Case Closed Date: 11468 4/15/1998 12:00:00 AM</i>				
KODIAK AIRPORT RUNWAY 28/25	Kodiak AK 99615	WSW	0.09 / 474.76	<u>14</u>
<i>Spill ID Case Closed Date: 8912 7/30/1998 12:00:00 AM</i>				
DOT Kodiak	Kodiak Airport Kodiak AK 99615	WSW	0.09 / 474.76	<u>14</u>
<i>Spill ID Case Closed Date: 64946 3/31/2020 12:00:00 AM</i>				
In Water off of Runway 25 Kodiak Airport	Kodiak Airport Kodiak AK 99615	WSW	0.09 / 474.76	<u>14</u>
<i>Spill ID Case Closed Date: 30558 1/7/2008 12:00:00 AM</i>				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Andrew Air / Kodiak Airport	1522 Devils Creek Road Kodiak AK 99615	E	0.11 / 568.30	<u>15</u>
<i>Spill ID Case Closed Date: 39101 2/1/2012 12:00:00 AM</i>				

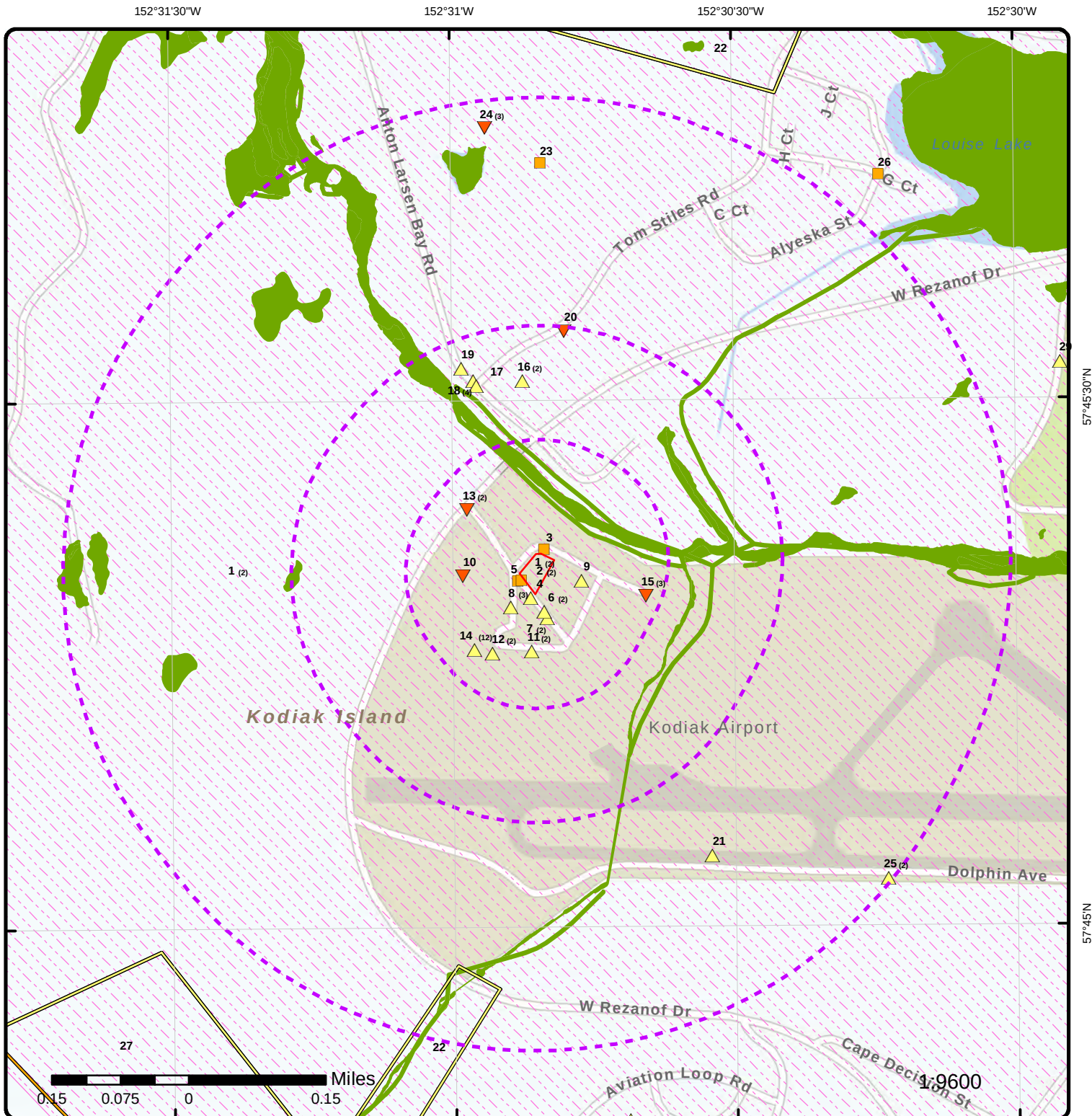


Map: 1.0 Mile Radius

Order Number: 21102200602

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK

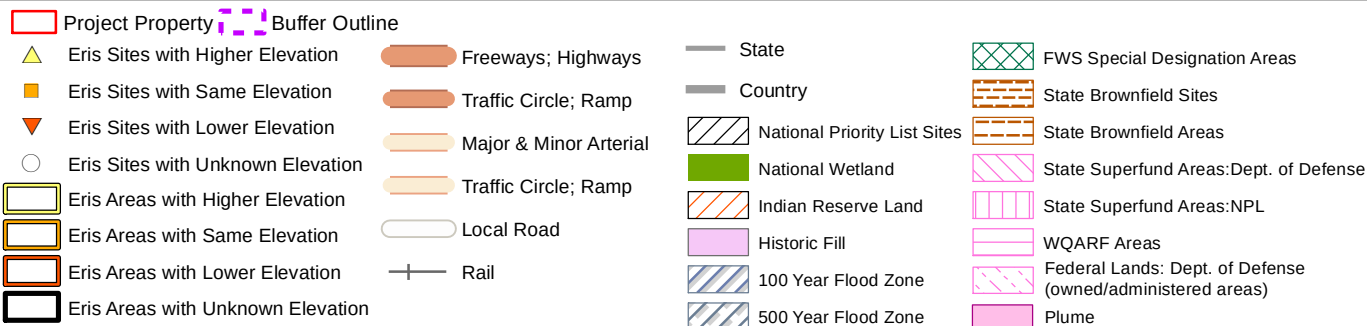




Map: 0.5 Mile Radius

Order Number: 21102200602

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK

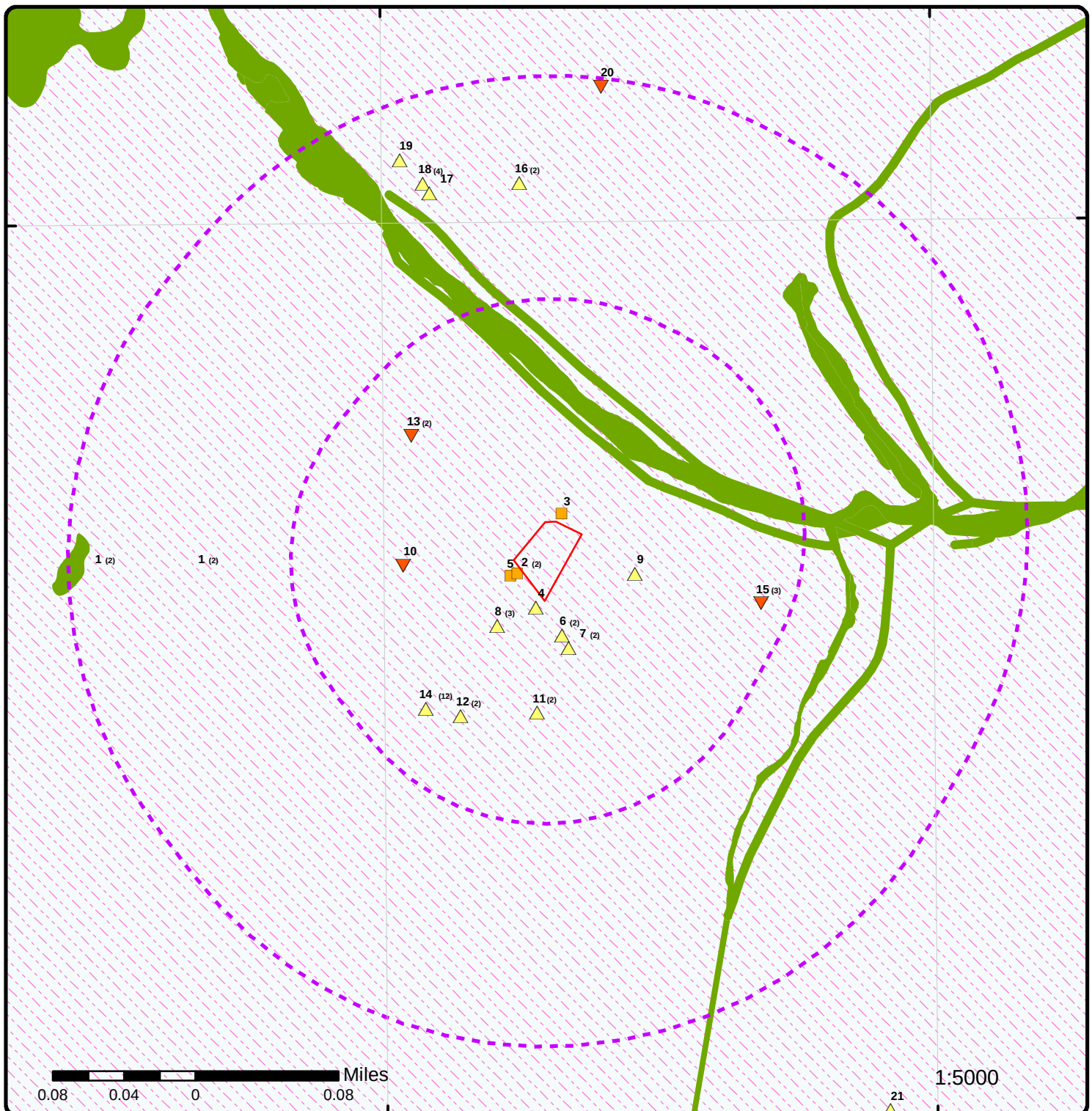


152°31'W

152°30'30"W

57°45'30"N

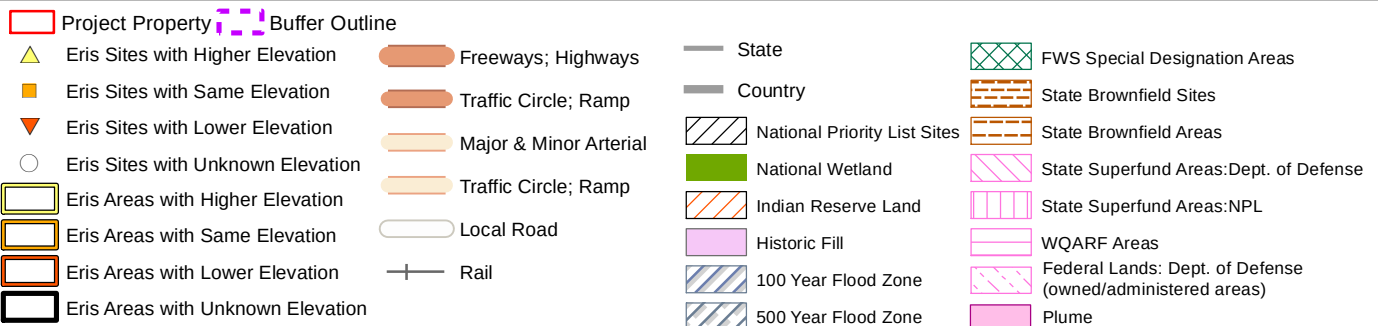
57°45'30"N



Map: 0.25 Mile Radius

Order Number: 21102200602

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK



152°31'30"W

152°31'W

152°30'30"W

152°30'W

57°45'30"N

57°45'30"N

57°45'N

57°45'N

**Aerial** Year: 2019

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK

Source: ESRI World Imagery

Order Number: 21102200602



© ERIS Information Inc.



Topographic Map Year: 1987 Order Number: 21102200602

Address: Lot 3, Block 1400, Airport Way, AK

Quadrangle(s): Kodiak D-2 SE 353752, AK; Kodiak D-2 SW 353754, AK; Kodiak C-2 NW 353748, AK; Kodiak C-2 NE 353747, AK; K

Source: USGS Topographic Map



Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	SSW	0.00 / 0.00	63.62 / 0	KODIAK NAVY/ARMY KODIAK AK	FUDS
FUDS Property No:		F10AK1007				
EMS Map Link:		https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=54098				
FUDS INST ID:		AK09799F913300				
Status:						
SDS ID:						
NPL Status Code:		Not on the NPL				
Eligibility:		Eligible				
Site Eligib:						
Current Owner:						
Has Project:		Yes				
DOD FUDS Pro:						
Project Required:		Yes				
No Further Action:						
Congressional District:		00				
EPA Region:		10				
County:		KODIAK ISLAND BOROUGH				
Latitude:		57.716869				
Longitude:		-152.522937				
Fiscal year:		2019				
USACE Division:		POD				
USACE District:		Alaska District (POA)				
Shape Area:		.02323118				
Shape Len:		1.1537934				
Centroid Latitude:						
Centroid Longitude:						
Media ID:						
Metadata ID:						
Feature Desc:						
Property History:		The Kodiak Navy/Army site was part of the Navy facilities commissioned in 1939 in response to military threats leading up to World War II. In 1941, the Army leased part of the Navy base, and the Army and Navy constructed the airfield for joint use. The A				
1	2 of 2	SSW	0.00 / 0.00	63.62 / 0	KODIAK CG SUP CNTR KODIAK, SW. OF AK	FUDS
FUDS Property No:		F10AK0840				
EMS Map Link:		https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=55482				
FUDS INST ID:		AK09799F299400				
Status:						
SDS ID:						
NPL Status Code:		Not on the NPL				
Eligibility:		Eligible				
Site Eligib:						
Current Owner:						
Has Project:		Yes				
DOD FUDS Pro:						
Project Required:		Yes				
No Further Action:						
Congressional District:		00				
EPA Region:		10				
County:		KODIAK ISLAND BOROUGH				
Latitude:		57.751795				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:		-152.494418				
Fiscal year:		2019				
USACE Division:		POD				
USACE District:		Alaska District (POA)				
Shape Area:		.01053017				
Shape Len:		1.07865716				
Centroid Latitude:						
Centroid Longitude:						
Media ID:						
Metadata ID:						
Feature Desc:						
Property History:		This site was withdrawn for the Navy by EO 8278 of 28Oct39, as amended by PLO 1182 of 1Jul55 & PLO 4119 of 13Dec66. The Navy used the area as a base for coastal patrol aircraft &, in conjunction, constructed numerous buildings, bunkers, docks, s				

2	1 of 2	WSW	0.00 / 15.73	63.50 / 0	RAVN-KODIAK AIRPORT 1427 AIRPORT WAY KODIAK AK 99615	FINDS/FRS
Registry ID:	110055240083					
FIPS Code:	AK150					
HUC Code:	19020701					
Site Type Name:	STATIONARY					
Location Description:	THE ERA AVIATION - KODIAK TERMINAL PROPERTY IS OWNED BY U.S. COAST GUARD AND LEASED TO STATE OF AK, WHO LEASES THE PROPERTY TO ERA AVIATION.					
Supplemental Location:	KODIAK TERMINAL					
Create Date:	13-JUN-13					
Update Date:	11-JAN-16					
Interest Types:	ICIS-NPDES MINOR, STORM WATER INDUSTRIAL					
SIC Codes:	4512, 4581					
SIC Code Descriptions:	AIR TRANSPORTATION, SCHEDULED, AIRPORTS, FLYING FIELDS, AND AIRPORT TERMINAL SERVICES					
NAICS Codes:	488190					
NAICS Code Descriptions:	OTHER SUPPORT ACTIVITIES FOR AIR TRANSPORTATION.					
Conveyor:	FRS-GEOCODE					
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No:	00					
Census Block Code:	021500005001049					
EPA Region Code:	10					
County Name:	KODIAK ISLAND					
US/Mexico Border Ind:						
Latitude:	57.755427					
Longitude:	-152.514569					
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION					
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER					
Accuracy Value:	50					
Datum:	NAD83					
Source:						
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055240083					
Program Acronyms:						
NPDES:AKR05DB88						

2	2 of 2	WSW	0.00 / 15.73	63.50 / 0	RAVN-KODIAK AIRPORT 1427 AIRPORT WAY KODIAK AK 99615	FINDS/FRS
Registry ID:	110070501808					
FIPS Code:	AK150					
HUC Code:	19020701					
Site Type Name:	STATIONARY					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Location Description:		THE ERA AVIATION - KODIAK TERMINAL PROPERTY IS OWNED BY U.S. COAST GUARD AND LEASED TO STATE OF AK, WHO LEASES THE PROPERTY TO ERA AVIATION.				
Supplemental Location:		KODIAK TERMINAL				
Create Date:		04-FEB-19				
Update Date:						
Interest Types:		ICIS-NPDES NON-MAJOR, STORM WATER INDUSTRIAL				
SIC Codes:						
SIC Code Descriptions:						
NAICS Codes:						
NAICS Code Descriptions:						
Conveyor:		FRS-GEOCODE				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No:		00				
Census Block Code:		021500005001049				
EPA Region Code:		10				
County Name:		KODIAK ISLAND				
US/Mexico Border Ind:						
Latitude:		57.755427				
Longitude:		-152.514569				
Reference Point:		ENTRANCE POINT OF A FACILITY OR STATION				
Coord Collection Method:		ADDRESS MATCHING-HOUSE NUMBER				
Accuracy Value:		50				
Datum:		NAD83				
Source:						
Facility Detail Rprt URL:		https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070501808				
Program Acronyms:						
NPDES:AKR06AC27						

<u>3</u>	1 of 1	NNE	0.01 / 28.60	63.73 / 0	ANDREW AIRWAYS INC 1522 DEVILS CREEK RD KODIAK AK 99615	FINDS/FRS
Registry ID:		110003036795				
FIPS Code:		02150				
HUC Code:		19020701				
Site Type Name:		STATIONARY				
Location Description:						
Supplemental Location:		PO BOX 1037				
Create Date:		01-MAR-00				
Update Date:		26-JAN-12				
Interest Types:		TRANSPORTER				
SIC Codes:						
SIC Code Descriptions:						
NAICS Codes:						
NAICS Code Descriptions:						
Conveyor:		FRS-GEOCODE				
Federal Facility Code:						
Federal Agency Name:						
Tribal Land Code:						
Tribal Land Name:						
Congressional Dist No:		00				
Census Block Code:		021500005001049				
EPA Region Code:		10				
County Name:		KODIAK ISLAND				
US/Mexico Border Ind:						
Latitude:		57.75527				
Longitude:		-152.51101				
Reference Point:		CENTER OF A FACILITY OR STATION				
Coord Collection Method:		ADDRESS MATCHING-HOUSE NUMBER				
Accuracy Value:		30				
Datum:		NAD83				
Source:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110003036795					
Program Acronyms:						
RCRAINFO:AKR000004325						

4	1 of 1	SSW	0.01 / 33.21	64.32 / 1	Kodiak Airport 1500 Airport Way Kodiak AK 99615	SPILLS
Spill ID: 66080 Spill No: 20249927602 Spill Date: 10/2/2020 12:00:00 AM Facility Type: Air Transportation Facility Sub Type: Aircraft Case Closed Date: 10/26/2020 12:00:00 AM Response: Phone Follow-up Location: KODIAK UNKNOWN Location Data: Spill Name: Kodiak Airport Jet Fuel Release Source Type: Tank, Other, Mobile Latitude: Longitude: Address1: 1500 Airport Way Address2: City: Kodiak Zip Code: 99615 Area: Central Alaska Sub Area: Kodiak Island Region: Kodiak						

Spill Detail(s)

Substance Subtype:	Aviation Fuel	Cause Subtype:	Leak
Quantity Released:	33.000	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	- , Unknown		

5	1 of 1	WSW	0.01 / 35.59	63.46 / 0	UPS - KODIAK 1420 AIRPORT ROAD KODIAK AK 99615	RCRA VSQG
EPA Handler ID: AKR000208975 Gen Status Universe: VSG Contact Name: ERIN ENGLERT Contact Address: 4455 , 7TH AVENUE S , , SEATTLE , WA, 98108 , US Contact Phone No and Ext: 206-621-6338 Contact Email: EENGLERT@UPS.COM Contact Country: US County Name: KODIAK ISLAND EPA Region: 10 Land Type: Private Receive Date: 20210126 Location Latitude: 57.755528 Location Longitude: -152.514833						

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210126
Handler Name: UPS - KODIAK
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U122
Waste Code Description: FORMALDEHYDE

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	1834
Type:	Private	Street 1:	MISSION ROAD
Name:	WINGSPAN PROPERTIES, LLC	Street 2:	
Date Became Current:		City:	KODIAK
Date Ended Current:		State:	AK
Phone:	907-539-1399	Country:	US
Source Type:	Notification	Zip Code:	99615
Owner/Operator Ind:	Current Operator	Street No:	4455
Type:	Private	Street 1:	7TH AVENUE S
Name:	UNITED PARCEL SERVICE	Street 2:	
Date Became Current:	20000501	City:	SEATTLE
Date Ended Current:		State:	WA
Phone:	206-621-6338	Country:	US
Source Type:	Notification	Zip Code:	98108

6	1 of 2	SSE	0.02 / 113.07	65.03 / 1	Hangar Of Uyak Air Service, Inc. Kodiak State Airport lot 5, Block 1600	UST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Kodiak AK 99615

Facility ID: 1034
 Facility Type: Air Taxi (Airline)
 Latitude:
 Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Gravity Feed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	Double-Walled
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	2500 gallons	Tank Rel Det:	Not Listed
Age:	8.3	Spill Prevent Met:	No
Date Installed:	5/25/1986	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 9/15/1994		
LD Other Methods:			

Owner Detail(s)

Site Name:	Hangar Of Uyak Air Service, Inc.	Owner ID:	1202
Location:	Kodiak State Airport lot 5, Block 1600	Owner Name:	Uyak Air Service, Inc.
Facility Type:	Air Taxi (Airline)	Owner 1:	Uyak Air Service, Inc.
Owner Address:	ADOTPF Lease Lot 5a, Block 1600 Ada 04782 Airport Kodiak, AK 99615		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	1202
Tank Capacity:	2500	Owner Name:	Uyak Air Service, Inc.
Facility Type:	Air Taxi (Airline)	Owner Address:	ADOTPF Lease Lot 5a, Block 1600 Ada 04782 Airport Kodiak AK 99615
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99615
Date Installed:	5/25/1986		

6	2 of 2	SSE	0.02 / 113.07	65.03 / 1	Pen Air Kodiak Kodiak State Airport lot 7, Block 1600 Kodiak AK 99615	UST

Facility ID: 1040
 Facility Type: Gas Station
 Latitude:
 Longitude:

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	U.S. Suction
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	8000 gallons	Tank Rel Det:	Not Listed
Age:	32.0	Spill Prevent Met:	No
Date Installed:	4/1/1966	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/10/1998		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LD Other Methods:

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	U.S. Suction
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	Lined Interior
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	10000 gallons	Tank Rel Det:	Not Listed
Age:	15.0	Spill Prevent Met:	No
Date Installed:	4/2/1983	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/16/1998		

LD Other Methods:

Owner Detail(s)

Site Name:	Pen Air Kodiak	Owner ID:	896
Location:	Kodiak State Airport lot 7, Block 1600	Owner Name:	Peninsula Airways, Inc.
Facility Type:	Gas Station	Owner 1:	Peninsula Airways, Inc.
Owner Address:	6100 Boeing Ave. Anchorage, AK 99502		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	896
Tank Capacity:	10000	Owner Name:	Peninsula Airways, Inc.
Facility Type:	Gas Station	Owner Address:	6100 Boeing Ave.
Tank Status Desc:	Permanently Out of Use	Owner City:	Anchorage
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99502
Date Installed:	4/2/1983		

Tank ID:	2	Owner ID:	896
Tank Capacity:	8000	Owner Name:	Peninsula Airways, Inc.
Facility Type:	Gas Station	Owner Address:	6100 Boeing Ave.
Tank Status Desc:	Permanently Out of Use	Owner City:	Anchorage
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99502
Date Installed:	4/1/1966		

7	1 of 2	SSE	0.03 / 155.03	65.31 / 2	1647 Airport Way KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

HMIR Historical Reports

Report No:	E-2014060432	Fed DOT Agency Nm:	
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	
Date of Incident:	06/20/2014	Report Submit Src:	Web
Time of Incident:	1410	Inc Multiple Rows:	No
Haz Class Code:	2.2	Inc Non US State:	
Hazardous Class:	NONFLAMMABLE COMPRESSED GAS	Mode Transport:	Air
Commodity Short Nm:	FIRE EXTINGUISHERS CONTA	Transport Phase:	IN TRANSIT STORAGE
Commodity Long Nm:	FIRE EXTINGUISHERS CONTAINING COMPRESSED OR LIQUEFIED GAS	Incident Occrrnce:	AIR CARRIER CARGO FACILITY

Trade Name:		Mat Ship Approval?:	No
ID No:	UN1044	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ALASKA AIRLINES INC.
Qty Released:	0	CR Street Name:	1647 AIRPORT WAY
Unit of Measure:		CR City:	KODIAK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
What Failed:					CR State:	AK
What Failed Desc:					CR Postal Code:	99615-6831
How Failed Code:					CR Non US State:	
How Failed Desc:					CR Fed DOT ID:	367920
Failure Cause Code:					CR Hazmat Reg ID:	
Failure Cause Desc:					CR Country:	US
Ident. Markings:					Shipper Name:	LYNDEN AIR FREIGHT INC.
Cont1 Pkging Type:	Composite Packaging				Shipper Street Name:	6441 S AIRPARK PL
Cont1 Const Mat:	Plastic				Shipper City:	ANCHORAGE
Cont1 Head Type:					Shipper State:	AK
Cont1 Pkg Capacity:	0				Shipper Postal:	99502-1809
C1 Capacity UOM:					Shipper Non US St:	
Cont1 Pkg Amt:	0				Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	027 8794-4323
Cont1 Pkg No:					Ship Hazmat Reg ID:	
C1 Pkg NO Failed:					Origin City:	KODIAK
Cont1 Pkg Mnfctr:					Origin State:	ALASKA
Cont1 Pkg Mnfct Dt:					Origin Postal:	99615
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:					Origin Country:	US
C1 Test Const Mat:	Plastic				Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:					Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99502
C1 Pkg Shell Thick:					Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:					Cont2 Package Type:	Cylinder
C1 Head Thick UOM:					Cont2 Const Mat:	Metal (any type)
C1 Pkg Srvc Pres.:					Cont2 Pkg Capacity:	
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	
C1 Device Model:					Cont2 Pkg No Failed:	
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	0
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	0
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:					Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	No				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	Yes				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	CYNTHIA GIBSON
Damage > 500:	No				Contact Title:	CARGO LEAD
Material Loss:	0				Contact Business:	Alaska Air Cargo
Carrier Damage:	0				Contact Street:	1647 Airport Way
Property Damage:	0				Contact City:	Kodiak
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Facility
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0				HMIS Container Code:	CONT PLS
Total Haz Hosp Inj:	0				HMIS Container Desc:	Plastic container no capacity or description given
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:	shipment was dropped off at our cargo office. See airway bill number 8794-4323. When we went to inspect it we found it had TSA locks on it. shipper told cargo agent that he was told TSA will unlock with their key if needed. TSA does not do screening cargo in Kodiak. However TSA was willing to unlock it for us. I opened the tote and started searching the tool cases inside I noticed that in the corner of the box was a fire extinguisher shoved in. Looked at the front of the extinguisher and the needle was in the green. Stopped screening at this point and locked tote back up. Shipper did not declare hazmat nor provided any hazmat paperwork.					
Recommend Actions Taken:	Shipper needs to follow their process for accepting cargo and determining if DG goods exists.					

HMIR Historical Reports

Report No:	E-2006110133	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	A hazardous material incident	Fed DOT Report No:	6733
Date of Incident:	11/12/2006	Report Submit Src:	Web
Time of Incident:	0700	Inc Multiple Rows:	No
Haz Class Code:	2.1	Inc Non US State:	
Hazardous Class:	FLAMMABLE GAS	Mode Transport:	Air
Commodity Short Nm:	AEROSOLS FLAMMABLE (EA	Transport Phase:	IN TRANSIT STORAGE
Commodity Long Nm:	AEROSOLS FLAMMABLE (EACH NOT EXCEEDING 1 L CAPACITY)	Incident Occrrnce:	BAGGAGE AREA
Trade Name:	Scotch Gard	Mat Ship Approval?:	No
ID No:	UN1950	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ALASKA AIRLINES INC.
Qty Released:	0.031250	CR Street Name:	1647 AIRPORT WAY
Unit of Measure:	Liquid - Gallon	CR City:	KODIAK
What Failed:	109	CR State:	AK
What Failed Desc:	Closure (e.g. Cap Top or Plug)	CR Postal Code:	99615-6831
How Failed Code:	308	CR Non US State:	
How Failed Desc:	Leaked	CR Fed DOT ID:	367920
Failure Cause Code:	521	CR Hazmat Reg ID:	
Failure Cause Desc:	Inadequate Preparation for Transportation	CR Country:	US
Ident. Markings:	msds 19-6517-7	Shipper Name:	INDIVIDUAL - NOT A COMPANY
Cont1 Pkging Type:	Pressure receptacle	Shipper Street Name:	
Cont1 Const Mat:	Aluminum	Shipper City:	LAKE FOREST
Cont1 Head Type:		Shipper State:	CA
Cont1 Pkg Capacity:	0.085938	Shipper Postal:	92630
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:	0.015625	Shipper Country:	US
C1 Pkg Amt UOM:	LGA	Shipper Waybill:	
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	LAKE FOREST
Cont1 Pkg Mnfctr:	scotch guard	Origin State:	CALIFORNIA
Cont1 Pkg Mnfc Dt:	12/12/2005 12:00:00 AM	Origin Postal:	92630
Cont1 Pkg Serial NO:	34850967687	Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	US
C1 Test Const Mat:	Aluminum	Destination City:	
C1 Pkg Dsign Pres.:		Destination State:	
C1 Dsign Press UOM:		Destination Postal:	
C1 Pkg Shell Thick:		Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	
C1 Head Thickness:		Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
C1 Pkg Srvc Pres.: C1 Srvc Press UOM: C1 Valve/Device Fail?: No C1 Device Type: C1 Device Mnfctr: C1 Device Model: NRC No: RAM Pkg Category: RAM Pkg Cert.: FALSE RAM Pkg Cert. NBR: RAM Nuclide S: RAM Transport Index: RAM UOM: RAM Activity Rpted: RAM UOM Rpted: RAM Activity: 0 RAM Activity UOM: RAM Mat Safety: Spillage Result: Yes Fire Result: No Explosion Result: No Water Sewer Result: No Gas Dispersion: No Environment Damage: No No Release Result: No Fire EMS Report: No Fire EMS EMS Report: Police Report: No Police Report No: In House Cleanup: Yes Other Cleanup: No Damage > 500: No Material Loss: 0 Carrier Damage: 0 Property Damage: 0 Response Cost: 0 Remediation Cost: 0 Damage Old Form: 0 Total Damages Amt: 0 Hazmat Fatality: No Haz Fatal Employees: 0 Haz Fatal Respntrs: 0 Haz Fatal Gen Public: 0 Tot Hazmat Fatalities: 0 Non Hazmat Fatality: No Non Hazmat FataIs: 0 Hazmat Injury: No Haz Hospital Empl: 0 Haz Hospital Resp: 0 Haz Hosp Gen Public: 0 Haz Hosp Old Form: 0 Total Haz Hosp Inj: 0 Haz Non Hosp Empl: 0 Haz Non Hosp Resp: 0 Description of Events: Cont2 Pkg Capacity: Cont2 Capacity UOM: Cont2 Pkg Amount: Cont2 Pkg Amt UOM: Cont2 Pkg No: Cont2 Pkg No Failed: Haz NonHosp Public: 0 Haz NonHosp Old: 0 Tot Haz Non Hosp Inj: 0 Total Hazmat Injuries: 0 Evacuation Indicator: No Public Evacuated: 0 Employees Evac: 0 Total Evacuated: 0 Total Evacuation Hrs: 0 Major Artery Closed: No Mjr Artery Hrs Closed: 0 Material Involved: No Estimated Speed: 0 Weather Conditions: Vehicle Overturn: No Vehicle Left Roadway: No Passenger Aircraft: No Cargo Baggage: Ship Non Transport: Yes Ship Air First Flight: No Ship Air Subflight: No Ship Init Transport: No Ship Phase Transfer: No Contact Name: DANA MYERS Contact Title: CUSTOMER SERVICE AGENT Contact Business: Alaska Airlines Contact Street: 1647 Airport Way Contact City: KODIAK Contact State: AK Contact Postal: 99615 Contact Non US St: Contact Country: US Inc. Report Prepared: Carrier HMIS Serious Incidnt: No HMIS Serious Fatality: No HMIS Serious Injury: No HMIS Flight Plan: No HMIS Serious Evacs: No HMIS Major Artery: No HMIS Bulk Release: No HMIS Marine Pollutnt: No HMIS Radioactive: No HMIS Gen Pkg Type: OHMIR.Ref_Container.descr_txt HMIS Container Code: CYL MTL HMIS Container Desc: Cylindrical metal container not for compressed gases (i. e. not a pressure vessel) HMIS Bulk Incident: No Undeclared Shipment: No						
Recommend Actions Taken:						
7 2 of 2 SSE 0.03 / 155.03 65.31 / 2 1647 Airport Way KODIAK AK HMIRS						
Incident County: KODIAK ISLAND						
HMIR Incident Reports						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Report No:	E-2006110133				Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	A hazardous material incident				Fed DOT Report No:	6733
Date of Incident:	2006-11-12				Report Submit Src:	Web
Time of Incident:	0700				Inc Multiple Rows:	No
Haz Class Code:					Inc Non US State:	
Hazardous Class:	2.1				Mode Transport:	Air
Commodity Short Nm:	AEROSOLS, FLAMMABLE, (EA				Transport Phase:	In Transit Storage
Commodity Long Nm:	AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY)				Incident Occrnce:	BAGGAGE AREA
Trade Name:	Scotch Gard				Mat Ship Approval?:	No
ID No:	UN1950				Mat Ship Approv No:	
Haz Waste Ind:	No				Undecl Hazmat Ship?:	No
Haz Waste EPA No:					Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No				Packing Group:	
TIH Hazard Zone:					Carrier Reporter:	Alaska Airlines
Qty Released:	0.03125				CR Street Name:	1647 Airport Way
Unit of Measure:	Liquid - Gallon				CR City:	KODIAK
What Failed:	109				CR State:	AK
What Failed Desc:	Closure (e.g., Cap, Top, or Plug)				CR Postal Code:	99615
How Failed Code:	308				CR Non US State:	
How Failed Desc:	Leaked				CR Fed DOT ID:	367920
Failure Cause Code:	521				CR Hazmat Reg ID:	
Failure Cause Desc:	Inadequate Preparation for Transportation				CR Country:	US
Ident. Markings:	msds 19-6517-7				Shipper Name:	INDIVIDUAL - NOT A COMPANY
Cont1 Pkging Type:	Pressure receptacle				Shipper Street Name:	25111 Arctic Ocean
Cont1 Const Mat:	Aluminum				Shipper City:	LAKE FOREST
Cont1 Head Type:					Shipper State:	CA
Cont1 Pkg Capacity:	0.085938				Shipper Postal:	92630
C1 Capacity UOM:	LGA				Shipper Non US St:	
Cont1 Pkg Amt:	0.015625				Shipper Country:	US
C1 Pkg Amt UOM:	LGA				Shipper Waybill:	
Cont1 Pkg No:	1				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1				Origin City:	
Cont1 Pkg Mnfctr:	scotch guard				Origin State:	
Cont1 Pkg Mnfc Dt:	2005-12-12 00:00:00				Origin Postal:	
Cont1 Pkg Serial NO:	34850967687				Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:	Aluminum				Destination City:	
C1 Pkg Dsign Pres.:	0				Destination State:	
C1 Dsign Press UOM:					Destination Postal:	
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	
C1 Head Thickness:	0				Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	Yes				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	DANA MYERS
Damage > 500:	No				Contact Title:	CUSTOMER SERVICE AGENT
Material Loss:	0				Contact Business:	Alaska Airlines
Carrier Damage:	0				Contact Street:	1647 Airport Way
Property Damage:	0				Contact City:	KODIAK
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respntrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	CYLINDER
Haz Hosp Old Form:	0				HMIS Container Code:	CYL MTL
Total Haz Hosp Inj:	0				HMIS Container Desc:	Cylindrical metal container, not for compressed gases (i. e., not a pressure vessel)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:	Item tendered for passenger baggage. Spill was contained within bag before screening. Item was removed and spill cleaned before transportation. Report submitted to FAA via DG in Baggage report					
Recommend Actions Taken:	educated passenger on prohibited items for future travel.					

HMIR Incident Reports

Report No:	E-2014060432	Fed DOT Agency Nm:	
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	
Date of Incident:	2014-06-20	Report Submit Src:	Web
Time of Incident:	1410	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	2.2	Mode Transport:	Air
Commodity Short Nm:	FIRE EXTINGUISHERS CONTA	Transport Phase:	In Transit Storage
Commodity Long Nm:	FIRE EXTINGUISHERS CONTAINING COMPRESSED OR LIQUEFIED GAS	Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:		Mat Ship Approval?:	No
ID No:	UN1044	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	Alaska Airlines
Qty Released:	0	CR Street Name:	1647 Airport Way
Unit of Measure:		CR City:	Kodiak
What Failed:		CR State:	AK
What Failed Desc:		CR Postal Code:	99615
How Failed Code:		CR Non US State:	
How Failed Desc:		CR Fed DOT ID:	367920
Failure Cause Code:		CR Hazmat Reg ID:	
Failure Cause Desc:		CR Country:	US
Ident. Markings:		Shipper Name:	Lynden Air Freight
Cont1 Pkging Type:	Composite Packaging	Shipper Street Name:	6441 South Airpark Place
Cont1 Const Mat:	Plastic	Shipper City:	Anchorage
Cont1 Head Type:		Shipper State:	AK
Cont1 Pkg Capacity:	0	Shipper Postal:	99502
C1 Capacity UOM:		Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
C1 Pkg Amt UOM:					Shipper Waybill:	027 8794-4323
Cont1 Pkg No:	0				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	0				Origin City:	Kodiak
Cont1 Pkg Mnfr:					Origin State:	AK
Cont1 Pkg Mnfr Dt:	0-00-00 00:00:00				Origin Postal:	99615
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:	Plastic				Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:	0				Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99502
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:	0				Cont2 Package Type:	Cylinder
C1 Head Thick UOM:					Cont2 Const Mat:	Metal (any type)
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	No				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	Yes				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	CYNTHIA GIBSON
Damage > 500:	No				Contact Title:	CARGO LEAD
Material Loss:	0				Contact Business:	Alaska Air Cargo
Carrier Damage:	0				Contact Street:	1647 Airport Way
Property Damage:	0				Contact City:	Kodiak
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Facility
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respntrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatais:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	INSIDE CONTAIN
Haz Hosp Old Form:	0				HMIS Container Code:	CONT PLS
Total Haz Hosp Inj:	0				HMIS Container Desc:	Plastic container, no capacity or description given
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Haz Non Hosp Resp:	0				Undeclared Shipment: Yes	
Description of Events:		shipment was dropped off at our cargo office. See airway bill number 8794-4323. When we went to inspect it, we found it had TSA locks on it. shipper told cargo agent that he was told TSA will unlock with their key if needed. TSA does not do screening cargo in Kodiak. However, TSA was willing to unlock it for us. I opened the tote and started searching the tool cases inside I noticed that in the corner of the box was a fire extinguisher shoved in. Looked at the front of the extinguisher and the needle was in the green. Stopped screening at this point and locked tote back up. Shipper did not declare hazmat nor provided any hazmat paperwork.				
Recommend Actions Taken:		Shipper needs to follow their process for accepting cargo and determining if DG goods exists.				

8	1 of 3	SW	0.03 / 156.74	64.63 / 1	Peninsula Airways - Kodiak Airport KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	SHWS

Hazard ID: 25097
Status: Cleanup Complete - Institutional Controls
File ID: 2601.26.036
Staff: IC Unit, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.755065
Longitude: -152.514976
Horizontal Datum: WGS84

Action Information

Action Date: 4/15/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Waiver of 15-day notification period for closure of two UST's approved by Tim Stevens

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: Donald Seagren
Description:

36 yds3 contaminated soil excavated and stockpiled during UST removal. Soil transported to ASR in Anchorage for thermal remediation.

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77499 (Added by System)

Action Date: 4/17/1998
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 8/20/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Soil Remediation and Disposal Workplan, dated 20 August 98, approved by Paul Horwath

Action Date: 8/21/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Floor drain piping and discharge point work plan submitted.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 1/28/2003
Action: Release Investigation
DEC Staff: Donald Seagren
Description:

Final Report, Site Report for Tank, Pipeline and Floor Drain Removal reviewed. Contamination remains above ADEC Method Two clenaup levels. Additional site assessment and remediation required to determine extent of contamination and remediate soils.

Action Date: 4/1/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Discussed the site with Scott Ruth, Bristol Environmental. Reviewed the summary he put together and discussed it further. Agreed with conclusions and approach to site cleanup/remediation. Discussed 2 soil remediation facilities operating on Kodiak this summer. Scott will discuss it with the owner and submit a work plan for work this summer.

Action Date: 4/22/2003
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Donald Seagren
Description:

Reviewed and conditionally approved CAP.

Action Date: 5/21/2003
Action: Underground Storage Tank Site Characterization or Assessment
DEC Staff: Donald Seagren
Description:

Reviewed preliminary sampling results. Discussed with consultant. Will approve backfilling once data in finalized. Due to probable contamination under building from floor drain, NFA rather than site closure will be issued upon receipt & review of final report.

Action Date: 6/2/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed draft Soil Remediation work plan. Provided comments and OK to finalize.

Action Date: 6/4/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed and approved Soil Remediation Work Plan dated 3 June 03. FAXed signed USR Soil Data Acceptance form to Scott Ruth.

Action Date: 9/19/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Worked with consultant on developing Institutional Control (Deed Notice) and how to deal with bankrupt soil processor.

Action Date: 4/27/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Continue working with RP/consultant and Koniag on developing a plan to deal with soils remaining at the former USR Bruhn Point Facility.

Action Date: 6/10/2004
Action: Institutional Control Record Established

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Donald Seagren				
Description:						
Copy of notarized Deed Notice filed with the Kodiak Records office on 29 December 03 received.						
Action Date:		6/15/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved post treatment sampling plan for 125 yds3 of treated soil at the former USR Bruhn Point facility. The remaining 125 yds3 of untreated soil still needs resolution this summer.						
Action Date:		7/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Approved plan by TC Enterprises to complete treatment of 250 yds3 of petroleum contaminated soil remaining at the former USR Bruhn Point facility when they filed for bankrutcy.						
Action Date:		12/9/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number 2601.26.036 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.						
Action Date:		8/16/2005				
Action:		Conditional Closure Approved				
DEC Staff:		Donald Seagren				
Description:						
Soil contamination exceeding ADEC cleanup levels remainins under the hangar floor. An institutional control in the form of a Deed Notice has been filed. Further assessment and/or corrective action will be required should the contamination become accessible. Natual attenuation will further reduce the remaining contaminant levels. The risk to human health and the environment is low. The approximate 250 yds3 of contaminated soil that was excavated and thermally treated at the former USR Bruhn Point facility has been shown to be below cleanup levels. Koniag Inc. has given permission to spread the treated soils on site.						
Action Date:		8/16/2005				
Action:		Report or Workplan Review - Other				
DEC Staff:		Donald Seagren				
Description:						
Reviewed the site assessment report for the former USR Bruhn Point facility. The analytical data included in the report for the PenAir soils shows all the contaminant levels are all below ADEC cleanup levels. Koniag, Inc., the landowner, gave approval to landspread the soils on site.						
Action Date:		6/17/2008				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.						
Action Date:		11/10/2014				
Action:		Update or Other Action				
DEC Staff:		Kristin Thompson				
Description:						
Staff changed from Paul Horwath to IC Unit.						
Action Date:		8/18/2015				
Action:		Institutional Control Compliance Review				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Evonne Reese				
Description:						
IC compliance review conducted. Schedule to send an IC reminder letter.						
Action Date:		8/20/2015				
Action:		Institutional Control Update				
DEC Staff:		Kristin Thompson				
Description:						
An IC reminder letter was issued to the responsible party on this date.						
Action Date:		9/4/2015				
Action:		Institutional Control Update				
DEC Staff:		Evonne Reese				
Description:						
Contacted by the past property owner/lessee to inform us that they sold the business a long time ago but didn't recall who the new owner is. We'll need to contact ADOT or the Kodiak Airport to see if there is updated information and resend the IC reminder letter at that time.						
Action Date:		9/17/2015				
Action:		Update or Other Action				
DEC Staff:		Paul Horwath				
Description:						
Lat/Long collected and verified using CS Internal ArcGIS.com web map (PH) Entered correct Lat/Long into database: 57.755065 -152.514976						
Action Date:		10/1/2015				
Action:		Institutional Control Update				
DEC Staff:		Evonne Reese				
Description:						
Contacted ADOT to find the current land lessee's contact information and updated the Affiliates information. Resend the IC reminder letter to the new contact.						
Action Date:		10/6/2015				
Action:		Institutional Control Update				
DEC Staff:		Kristin Thompson				
Description:						
The IC reminder letter was re-issued to the updated affiliate address on this date.						
Action Date:		5/31/2017				
Action:		Institutional Control Compliance Review				
DEC Staff:		Kristin Thompson				
Description:						
IC compliance review conducted. Closure/IC Details updated. Reminder system set to follow-up every three years, with the next review scheduled to occur in 2018.						
Action Date:		10/30/2018				
Action:		Institutional Control Compliance Review				
DEC Staff:		Mossy Mead				
Description:						
An ICs verification letter was issued to the responsible party on this date.						

Containment Information

Name: Benzene
Media: Soil

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Level Description: Comments:		Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation				
Name:		DRO				
Media:		Soil				
Level Description: Comments:		Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation				
<u>Control Information</u>						
Type:		Notice of Environmental Contamination				
Details:		Document No. 2004-000399-0 recorded in the Kodiak Recording District of the State Recorder's Office on 2/19/2004.				
<u>Requirements</u>						
Description:		Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)				
Details:		Standard condition.				
Description:		Advance approval required to transport soil or groundwater off-site.				
Details:		Standard condition.				
Description:		Groundwater Use Restrictions				
Details:		A drinking water well may not be installed in or through the soil-contaminated zone.				
Description:		When Contaminated Soil is Accessible, Remediation Should Occur				
Details:		In the event that the remaining contaminated soil becomes accessible (by the building or other structure being removed or through some other action that fits the site circumstances), the land owner and/or operator are required under 18 AAC 75 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations.				
Description:		Periodic Review				
Details:		Every three years.				
<u>Documents Information</u>						
Name:		IC Verification Letter - Oct 2018				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30492&fileName=25097_2018.10.30%20IC%20Verif%20Ltr%20Pen.Airways.Kodiak.pdf				
Name:		Closure Letter				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28924&fileName=25097_Closure%2BLetter.pdf				
Name:		Institutional Controls Reminder Letter - October 2015				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28611&fileName=25097_IC%2BReminder%2BLetter_PenAir%2BKodiak%2BAirport_new%2Bcontact_Oct%2B2015.pdf				
Name:		Recorded NEC 2004 Peninsula Airways - Kodiak Airport				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30472&fileName=25097_2004.02.19%20NEC%20Peninsula%20Airways%20Kodiak.pdf				

<u>8</u>	2 of 3	SW	0.03 / 156.74	64.63 / 1	Peninsula Airways - Kodiak Airport KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	INST

Hazard ID: 25097
Status: Cleanup Complete - Institutional Controls
File ID: 2601.26.036
Staff: IC Unit, 9074655229 dec.icunit@alaska.gov
Latitude: 57.755065
Longitude: -152.514976

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Horizontal Datum:		WGS84				
Comments:						
<u>Action Information</u>						
Action Date:	8/16/2005					
Action:	Report or Workplan Review - Other					
DEC Staff:	Donald Seagren					
Description:	Reviewed the site assessment report for the former USR Bruhn Point facility. The analytical data included in the report for the PenAir soils shows all the contaminant levels are all below ADEC cleanup levels. Koniag, Inc., the landowner, gave approval to landspread the soils on site.					
Action Date:	6/17/2008					
Action:	Update or Other Action					
DEC Staff:	Alyce Hughey					
Description:	Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.					
Action Date:	11/10/2014					
Action:	Update or Other Action					
DEC Staff:	Kristin Thompson					
Description:	Staff changed from Paul Horwath to IC Unit.					
Action Date:	8/18/2015					
Action:	Institutional Control Compliance Review					
DEC Staff:	Evonne Reese					
Description:	IC compliance review conducted. Schedule to send an IC reminder letter.					
Action Date:	8/20/2015					
Action:	Institutional Control Update					
DEC Staff:	Kristin Thompson					
Description:	An IC reminder letter was issued to the responsible party on this date.					
Action Date:	9/4/2015					
Action:	Institutional Control Update					
DEC Staff:	Evonne Reese					
Description:	Contacted by the past property owner/lessee to inform us that they sold the business a long time ago but didn't recall who the new owner is. We'll need to contact ADOT or the Kodiak Airport to see if there is updated information and resend the IC reminder letter at that time.					
Action Date:	9/17/2015					
Action:	Update or Other Action					
DEC Staff:	Paul Horwath					
Description:	Lat/Long collected and verified using CS Internal ArcGIS.com web map (PH) Entered correct Lat/Long into database: 57.755065 -152.514976					
Action Date:	10/1/2015					
Action:	Institutional Control Update					
DEC Staff:	Evonne Reese					
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contacted ADOT to find the current land lessee's contact information and updated the Affiliates information. Resend the IC reminder letter to the new contact.

Action Date: 10/6/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

The IC reminder letter was re-issued to the updated affiliate address on this date.

Action Date: 5/31/2017
Action: Institutional Control Compliance Review
DEC Staff: Kristin Thompson
Description:

IC compliance review conducted. Closure/IC Details updated. Reminder system set to follow-up every three years, with the next review scheduled to occur in 2018.

Action Date: 10/30/2018
Action: Institutional Control Compliance Review
DEC Staff: Mossy Mead
Description:

An ICs verification letter was issued to the responsible party on this date.

Action Date: 4/15/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Waiver of 15-day notification period for closure of two UST's approved by Tim Stevens

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: Donald Seagren
Description:

36 yds3 contaminated soil excavated and stockpiled during UST removal. Soil transported to ASR in Anchorage for thermal remediation.

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77499 (Added by System)

Action Date: 4/17/1998
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 8/20/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Soil Remediation and Disposal Workplan, dated 20 August 98, approved by Paul Horwath

Action Date: 8/21/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Floor drain piping and discharge point work plan submitted.

Action Date: 1/28/2003
Action: Release Investigation
DEC Staff: Donald Seagren
Description:

Final Report, Site Report for Tank, Pipeline and Floor Drain Removal reviewed. Contamination remains above ADEC Method Two clenaup levels. Additional site assessment and remediation required to determine extent of contamination and remediate soils.

Action Date: 4/1/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Discussed the site with Scott Ruth, Bristol Environmental. Reviewed the summary he put together and discussed it further. Agreed with conclusions and approach to site cleanup/remediation. Discussed 2 soil remediation facilities operating on Kodiak this summer. Scott will discuss it with the owner and submit a work plan for work this summer.

Action Date: 4/22/2003
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Donald Seagren
Description:

Reviewed and conditionally approved CAP.

Action Date: 5/21/2003
Action: Underground Storage Tank Site Characterization or Assessment
DEC Staff: Donald Seagren
Description:

Reviewed preliminary sampling results. Discussed with consultant. Will approve backfilling once data in finalized. Due to probable contamination under building from floor drain, NFA rather than site closure will be issued upon receipt & review of final report.

Action Date: 6/2/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed draft Soil Remediation work plan. Provided comments and OK to finalize.

Action Date: 6/4/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed and approved Soil Remediation Work Plan dated 3 June 03. FAXed signed USR Soil Data Acceptance form to Scott Ruth.

Action Date: 9/19/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Worked with consultant on developing Institutional Control (Deed Notice) and how to deal with bankrupt soil processor.

Action Date: 4/27/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Continue working with RP/consultant and Koniag on developing a plan to deal with soils remaining at the former USR Bruhn Point Facility.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 6/10/2004
Action: Institutional Control Record Established
DEC Staff: Donald Seagren
Description:

Copy of notarized Deed Notice filed with the Kodiak Recorders office on 29 December 03 received.

Action Date: 6/15/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed and approved post treatment sampling plan for 125 yds3 of treated soil at the former USR Bruhn Point facility. The remaining 125 yds3 of untreated soil still needs resolution this summer.

Action Date: 7/27/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Approved plan by TC Enterprises to complete treatment of 250 yds3 of petroleum contaminated soil remaining at the former USR Bruhn Point facility when they filed for bankruptcy.

Action Date: 12/9/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.036 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 8/16/2005
Action: Conditional Closure Approved
DEC Staff: Donald Seagren
Description:

Soil contamination exceeding ADEC cleanup levels remains under the hangar floor. An institutional control in the form of a Deed Notice has been filed. Further assessment and/or corrective action will be required should the contamination become accessible. Natural attenuation will further reduce the remaining contaminant levels. The risk to human health and the environment is low. The approximate 250 yds3 of contaminated soil that was excavated and thermally treated at the former USR Bruhn Point facility has been shown to be below cleanup levels. Koniag Inc. has given permission to spread the treated soils on site.

Containment Information

Name: Benzene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Notice of Environmental Contamination
Details: Document No. 2004-000399-0 recorded in the Kodiak Recording District of the State Recorder's Office on 2/19/2004.

Requirements

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description:		Advance approval required to transport soil or groundwater off-site.				
Details:		Standard condition.				
Description:		Groundwater Use Restrictions				
Details:		A drinking water well may not be installed in or through the soil-contaminated zone.				
Description:		When Contaminated Soil is Accessible, Remediation Should Occur				
Details:		In the event that the remaining contaminated soil becomes accessible (by the building or other structure being removed or through some other action that fits the site circumstances), the land owner and/or operator are required under 18 AAC 75 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations.				
Description:		Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)				
Details:		Standard condition.				
Description:		Periodic Review				
Details:		Every three years.				
<u>Documents Information</u>						
Name:		Recorded NEC 2004 Peninsula Airways - Kodiak Airport				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30472&fileName=25097_2004.02.19%20NEC%20Peninsula%20Airways%20Kodiak.pdf				
Name:		Closure Letter				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28924&fileName=25097_Closure%2BLetter.pdf				
Name:		IC Verification Letter - Oct 2018				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30492&fileName=25097_2018.10.30%20IC%20Verif%20Ltr%20Pen.Airways.Kodiak.pdf				
Name:		Institutional Controls Reminder Letter - October 2015				
Link:		http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28611&fileName=25097_IC%2BReminder%2BLetter_PenAir%2BKodiak%2BAirport_new%2Bcontact_Oct%2B2015.pdf				

8	3 of 3	SW	0.03 / 156.74	64.63 / 1	Peninsula Airways - Kodiak Airport KODIAK STATE AIRPORT LOT 7B, BLOCK 1600 Kodiak AK 99615	LUST
Facility ID:					Archived Rcrd Key:	1998250010701
Hazard ID:		25097	Site Type:			Airport/Airfield
Spill Date:					Latitude:	57.755065
Status:		Cleanup Complete - Institutional Controls	Longitude:			-152.514976
LUST Event ID:		2718	Borough:			Kodiak Island
CS or LUST:		LUST	Staff:			IC Unit
File No:		2601.26.036	Horizontal Datum:			WGS84
Land Owner:		ADOT&PF Central Region				
Data Source:		SPAR Online Services - Contaminated Sites / UST Database				
Comments:						

Action Information

Action Date:	4/17/1998
Action:	Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff:	* Not Assigned
Description:	

LUST Site created in CSP for source area ID 77499 (Added by System)

Action Date:	4/17/1998
Action:	Site Added to Database

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff: Description:		* Not Assigned				
Action Date: Action: DEC Staff: Description:		8/20/1998 Update or Other Action Donald Seagren				
Soil Remediation and Disposal Workplan, dated 20 August 98, approved by Paul Horwath						
Action Date: Action: DEC Staff: Description:		8/21/1998 Update or Other Action Donald Seagren				
Floor drain piping and discharge point work plan submitted.						
Action Date: Action: DEC Staff: Description:		1/28/2003 Release Investigation Donald Seagren				
Final Report, Site Report for Tank, Pipeline and Floor Drain Removal reviewed. Contamination remains above ADEC Method Two clenaup levels. Additional site assessment and remediation required to determine extent of contamination and remediate soils.						
Action Date: Action: DEC Staff: Description:		10/6/2015 Institutional Control Update Kristin Thompson				
The IC reminder letter was re-issued to the updated affiliate address on this date.						
Action Date: Action: DEC Staff: Description:		5/31/2017 Institutional Control Compliance Review Kristin Thompson				
IC compliance review conducted. Closure/IC Details updated. Reminder system set to follow-up every three years, with the next review scheduled to occur in 2018.						
Action Date: Action: DEC Staff: Description:		10/30/2018 Institutional Control Compliance Review Mossy Mead				
An ICs verification letter was issued to the responsible party on this date.						
Action Date: Action: DEC Staff: Description:		4/1/2003 Update or Other Action Donald Seagren				
Discussed the site with Scott Ruth, Bristol Environmental. Reviewed the summary he put together and discussed it further. Agreed with conclusions and approach to site cleanup/remediation. Discussed 2 soil remediation facilities operating on Kodiak this summer. Scott will discuss it with the owner and submit a work plan for work this summer.						
Action Date: Action: DEC Staff: Description:		4/22/2003 Leaking Underground Storage Tank Corrective Action Underway Donald Seagren				
Reviewed and conditionally approved CAP.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		5/21/2003				
Action:		Underground Storage Tank Site Characterization or Assessment				
DEC Staff:		Donald Seagren				
Description:						
Reviewed preliminary sampling results. Discussed with consultant. Will approve backfilling once data in finalized. Due to probable contamination under building from floor drain, NFA rather than site closure will be issued upon receipt & review of final report.						
Action Date:		6/2/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed draft Soil Remediation work plan. Provided comments and OK to finalize.						
Action Date:		6/4/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved Soil Remediation Work Plan dated 3 June 03. FAXed signed USR Soil Data Acceptance form to Scott Ruth.						
Action Date:		9/19/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Worked with consultant on developing Institutional Control (Deed Notice) and how to deal with bankrupt soil processor.						
Action Date:		4/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Continue working with RP/consultant and Koniag on developing a plan to deal with soils remaining at the former USR Bruhn Point Facility.						
Action Date:		6/10/2004				
Action:		Institutional Control Record Established				
DEC Staff:		Donald Seagren				
Description:						
Copy of notarized Deed Notice filed with the Kodiak Records office on 29 December 03 received.						
Action Date:		6/15/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved post treatment sampling plan for 125 yds3 of treated soil at the former USR Bruhn Point facility. The remaining 125 yds3 of untreated soil still needs resolution this summer.						
Action Date:		7/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Approved plan by TC Enterprises to complete treatment of 250 yds3 of petroleum contaminated soil remaining at the former USR Bruhn Point facility when they filed for bankruptcy.						
Action Date:		12/9/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:

File number 2601.26.036 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 8/16/2005
Action: Report or Workplan Review - Other
DEC Staff: Donald Seagren
Description:

Reviewed the site assessment report for the former USR Bruhn Point facility. The analytical data included in the report for the PenAir soils shows all the contaminant levels are all below ADEC cleanup levels. Koniag, Inc., the landowner, gave approval to landspread the soils on site.

Action Date: 6/17/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.

Action Date: 11/10/2014
Action: Update or Other Action
DEC Staff: Kristin Thompson
Description:

Staff changed from Paul Horwath to IC Unit.

Action Date: 8/18/2015
Action: Institutional Control Compliance Review
DEC Staff: Evonne Reese
Description:

IC compliance review conducted. Schedule to send an IC reminder letter.

Action Date: 8/20/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

An IC reminder letter was issued to the responsible party on this date.

Action Date: 9/4/2015
Action: Institutional Control Update
DEC Staff: Evonne Reese
Description:

Contacted by the past property owner/lessee to inform us that they sold the business a long time ago but didn't recall who the new owner is. We'll need to contact ADOT or the Kodiak Airport to see if there is updated information and resend the IC reminder letter at that time.

Action Date: 9/17/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Lat/Long collected and verified using CS Internal ArcGIS.com web map (PH)
 Entered correct Lat/Long into database: 57.755065 -152.514976

Action Date: 10/1/2015
Action: Institutional Control Update
DEC Staff: Evonne Reese
Description:

Contacted ADOT to find the current land lessee's contact information and updated the Affiliates information. Resend the IC reminder letter to the new contact.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 8/16/2005
Action: Conditional Closure Approved
DEC Staff: Donald Seagren
Description:

Soil contamination exceeding ADEC cleanup levels remains under the hangar floor. An institutional control in the form of a Deed Notice has been filed. Further assessment and/or corrective action will be required should the contamination become accessible. Natural attenuation will further reduce the remaining contaminant levels. The risk to human health and the environment is low. The approximate 250 yds³ of contaminated soil that was excavated and thermally treated at the former USR Bruhn Point facility has been shown to be below cleanup levels. Koniag Inc. has given permission to spread the treated soils on site.

Action Date: 4/15/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Waiver of 15-day notification period for closure of two UST's approved by Tim Stevens

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: Donald Seagren
Description:

36 yds³ contaminated soil excavated and stockpiled during UST removal. Soil transported to ASR in Anchorage for thermal remediation.

Containment Information

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Notice of Environmental Contamination
Details: Document No. 2004-000399-0 recorded in the Kodiak Recording District of the State Recorder's Office on 2/19/2004.

Requirements

Description: Periodic Review
Details: Every three years.

Description: When Contaminated Soil is Accessible, Remediation Should Occur
Details: In the event that the remaining contaminated soil becomes accessible (by the building or other structure being removed or through some other action that fits the site circumstances), the land owner and/or operator are required under 18 AAC 75 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations.

Description: Groundwater Use Restrictions
Details: A drinking water well may not be installed in or through the soil-contaminated zone.

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
Details: Standard condition.

Description: Advance approval required to transport soil or groundwater off-site.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details: Standard condition.

Documents Information

Name: Institutional Controls Reminder Letter - October 2015
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28611&fileName=25097_IC%2BReminder%2BLetter_PenAir%2BKodiak%2BAirport_new%2Bcontact_Oct%2B2015.pdf

Name: Recorded NEC 2004 Peninsula Airways - Kodiak Airport
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30472&fileName=25097_2004.02.19%20NEC%20Peninsula%20Airways%20Kodiak.pdf

Name: Closure Letter
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28924&fileName=25097_Closure%2BLetter.pdf

Name: IC Verification Letter - Oct 2018
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30492&fileName=25097_2018.10.30%20IC%20Verif%20Ltr%20Pen.Airways.Kodiak.pdf

9	1 of 1	E	0.04 / 194.30	64.34 / 1	R & K, Inc. Lot 5 Blk. 1400 Kod. State Arpt. Kodiak AK 99615	UST

Facility ID: 1555
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Other
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Available	Scndry Cont Opt (Tk):	None
Regulated Tank:	No	Scndry Cont Opt (Pp):	None
Product:	Heating Oil	Piping Rel Detect:	Not Listed
Capacity:	500 gallons	Tank Rel Det:	Not Listed
Age:	40.3	Spill Prevent Met:	No
Date Installed:	4/18/1981	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Currently in Use		
LD Other Methods:			

Owner Detail(s)

Site Name:	R & K, Inc.	Owner ID:	916
Location:	Lot 5 Blk. 1400 Kod. State Arpt.	Owner Name:	R & K, Inc.
Facility Type:	Unknown	Owner 1:	R & K, Inc.
Owner Address:	Box 576 Kodiak, AK 99615		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	916
Tank Capacity:	500	Owner Name:	R & K, Inc.
Facility Type:	Unknown	Owner Address:	Box 576
Tank Status Desc:	Currently in Use	Owner City:	Kodiak
Substance:	Heating Oil	Owner State:	AK
Regulated:	No	Owner Zip:	99615
Date Installed:	4/18/1981		

10	1 of 1	W	0.06 / 326.71	61.50 / -2	ADOT&PF Kodiak Airport Apron Drums	SHWS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

US Coast Guard Airport, Kodiak,
AK 99615
AK

Hazard ID:	3772	Latitude:	57.755556
Status:	Active	Longitude:	-152.516389
File ID:	2601.38.006	Horizontal Datum:	NAD83
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

During the removal of an underground storage tank system/airport apron upgrade, drums containing residual oil as well as jet fuel or diesel fuel were encountered. These materials apparently were abandoned while the Coast Guard managed the site. ADOT&PF worked with the department to allow the apron upgrade to continue. 22 drums filled with tar, various metallic debris, and 1,600 cubic yards of DRO, RRO impacted soil were removed in 2001. The site is on the current parking apron and is covered with asphalt. Contaminated soil remains above cleanup levels. Groundwater was not encountered at excavation depths of 18-feet. The site is currently in the FUDS program, but is a low priority due to limited exposure pathways (2007).

Action Information

Action Date:	3/22/2004
Action:	Update or Other Action
DEC Staff:	Alyce Hughey
Description:	

File number assigned and entered into the Fileroom DB and CS DB.

Action Date:	9/7/2005
Action:	GIS Position Updated
DEC Staff:	Alyce Hughey
Description:	

Using Figure 2 from a Site Closure Report, from T & R Environmental Consulting Inc., dated August 2002, in conjunction with TopoZone Pro, entered the coordinates for this site. Metadata includes USGS Topo Maps 1:63K, TopoZone Pro Street Maps, Black and White Aerial Photo, on a Medium Size Map, View Scale 1:24,000, Coordinate Datum NAD83. Moderate to high degree of confidence in accuracy of location.

Action Date:	11/18/2005
Action:	Update or Other Action
DEC Staff:	Alyce Hughey
Description:	

File sent to Anchorage from Soldotna, and changed project manager from Don Fritz to Jeff Brownlee.

Action Date:	3/28/2007
Action:	Update or Other Action
DEC Staff:	Jeff Brownlee
Description:	

Site is currently in the FUDS program, but considered a low priority due to limited exposure pathways.

Action Date:	3/28/2007
Action:	Exposure Tracking Model Ranking
DEC Staff:	Jeff Brownlee
Description:	

Action Date:	9/15/2016
Action:	Site Visit
DEC Staff:	Curtis Dunkin
Description:	

ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.

Action Date:	6/24/2021
Action:	Report or Workplan Review - Other

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the scoping letter and preliminary project drawings for the Kodiak Airport Rehabilitation Project and submitted general review comments to the Alaska Department of Transportation and Public Facilities.						
Action Date:		7/29/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the revised draft 2021 Kodiak Airport Perimeter Fence Project Environmental Management Plan and submitted review comments to the ADOT&PF and USCG.						
Action Date:		4/27/2001				
Action:		Interim Removal Action Approved				
DEC Staff:		Don Fritz				
Description:						
ADOT&PF was approved to excavate contaminated soils encountered during their apron upgrade and stockpile at the Coast Guard base.						
Action Date:		5/14/2001				
Action:		Cleanup Plan Approved				
DEC Staff:		Don Fritz				
Description:						
Excavation plan addendum to interim removal action approved.						
Action Date:		8/29/2001				
Action:		Site Added to Database				
DEC Staff:		Bruce Wanstall				
Description:						
Petroleum contamination.						
Action Date:		8/29/2001				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Bruce Wanstall				
Description:						
Preliminary ranking. Pillar Creek and Monashka Creek Reservoirs provide water, which is stored and distributed by pipe throughout the area.						
Action Date:		1/9/2003				
Action:		Update or Other Action				
DEC Staff:		Don Fritz				
Description:						
Comment letter provided for August 2002 soil sampling analytical report. The report was inadequate, and failed to relay needed information to evaluate what took place						
Action Date:		2/3/2004				
Action:		Update or Other Action				
DEC Staff:		Don Fritz				
Description:						
Received a current conditions report from the Coast Guard. The intent is to have remaining contamination at the site addressed under the Solid Waste Management Unit 16 for the Kodiak Coast Guard Base.						
Action Date:		2/19/2004				
Action:		Update or Other Action				
DEC Staff:		Don Fritz				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received a memo from the Coast Guard to the Army Corps of Engineers requesting the Airport Apron drum site be worked as a Fud based on a Current Conditions Report. Memo states that the contamination occurred while a DOD site prior to Coast Guard occupation

11	1 of 2	S	0.06 / 331.54	67.07 / 3	1647 airport road KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

HMIR Historical Reports

Report No:	E-2011040321	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	516444
Date of Incident:	04/22/2011	Report Submit Src:	Web
Time of Incident:	0800	Inc Multiple Rows:	No
Haz Class Code:	1.4S	Inc Non US State:	
Hazardous Class:	EXPLOSIVE NO BLAST HAZARD	Mode Transport:	Air
Commodity Short Nm:	AMMUNITION SPORTING	Transport Phase:	IN TRANSIT STORAGE
Commodity Long Nm:	AMMUNITION SPORTING	Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:	federal ammunition	Mat Ship Approval?:	No
ID No:	UN0012	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:		Packaging Type:	Other - action packer
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ALASKA AIRLINES INC.
Qty Released:	0	CR Street Name:	1647 AIRPORT WAY
Unit of Measure:		CR City:	KODIAK
What Failed:		CR State:	AK
What Failed Desc:		CR Postal Code:	99615-6831
How Failed Code:		CR Non US State:	
How Failed Desc:		CR Fed DOT ID:	367920
Failure Cause Code:		CR Hazmat Reg ID:	e-2011040321
Failure Cause Desc:		CR Country:	US
Ident. Markings:		Shipper Name:	SEA HAWK AIR INC
Cont1 Pkging Type:		Shipper Street Name:	506 TRIDENT WAY
Cont1 Const Mat:		Shipper City:	KODIAK
Cont1 Head Type:		Shipper State:	AK
Cont1 Pkg Capacity:		Shipper Postal:	99615-7401
C1 Capacity UOM:		Shipper Non US St:	
Cont1 Pkg Amt:		Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	02772171923
Cont1 Pkg No:		Ship Hazmat Reg ID:	516444
C1 Pkg NO Failed:		Origin City:	KODIAK
Cont1 Pkg Mnfctr:		Origin State:	ALASKA
Cont1 Pkg Mnfc Dt:		Origin Postal:	99615
Cont1 Pkg Serial NO:		Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	US
C1 Test Const Mat:		Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:		Destination State:	ALASKA
C1 Dsign Press UOM:		Destination Postal:	99507
C1 Pkg Shell Thick:		Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:		Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvc Pres.:		Cont2 Pkg Capacity:	
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	
C1 Device Model:		Cont2 Pkg No Failed:	
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	0
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	0
RAM Nuclide S:		Total Hazmat Injuries:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RAM Transport Index:				Evacuation Indicator:		No
RAM UOM:				Public Evacuated:		0
RAM Activity Rpted:				Employees Evac:		0
RAM UOM Rpted:				Total Evacuated:		0
RAM Activity:				Total Evacuation Hrs:		0
RAM Activity UOM:				Major Artery Closed:		No
RAM Mat Safety:				Mjr Artery Hrs Closed:		0
Spillage Result:				Material Involved:		No
Fire Result:				Estimated Speed:		0
Explosion Result:				Weather Conditions:		
Water Sewer Result:				Vehicle Overturn:		No
Gas Dispersion:				Vehicle Left Roadway:		No
Environment Damage:				Passenger Aircraft:		No
No Release Result:				Cargo Baggage:		
Fire EMS Report:				Ship Non Transport:		Yes
Fire EMS EMS Report:				Ship Air First Flight:		No
Police Report:				Ship Air Subflight:		No
Police Report No:				Ship Init Transport:		No
In House Cleanup:				Ship Phase Transfer:		No
Other Cleanup:				Contact Name:		KIELA PICKETT
Damage > 500:				Contact Title:		CARGO AGENT
Material Loss:				Contact Business:		Alaska Airlines
Carrier Damage:				Contact Street:		1647 airport road
Property Damage:				Contact City:		Kodiak
Response Cost:				Contact State:		AK
Remediation Cost:				Contact Postal:		99615
Damage Old Form:				Contact Non US St:		
Total Damages Amt:				Contact Country:		US
Hazmat Fatality:				Inc. Report Prepared:		Carrier
Haz Fatal Employees:				HMIS Serious Incidnt:		No
Haz Fatal Respndrs:				HMIS Serious Fatality:		No
Haz Fatal Gen Public:				HMIS Serious Injury:		No
Tot Hazmat Fatalities:				HMIS Flight Plan:		No
Non Hazmat Fatality:				HMIS Serious Evacs:		No
Non Hazmat FataIs:				HMIS Major Artery:		No
Hazmat Injury:				HMIS Bulk Release:		No
Haz Hospital Empl:				HMIS Marine Pollutnt:		No
Haz Hospital Resp:				HMIS Radioactive:		No
Haz Hosp Gen Public:				HMIS Gen Pkg Type:		OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:				HMIS Container Code:		CONT
Total Haz Hosp Inj:				HMIS Container Desc:		Container no description given (do not use if at all possible)
Haz Non Hosp Empl:				HMIS Bulk Incident:		No
Haz Non Hosp Resp:				Undeclared Shipment:		Yes
Description of Events:		during the physical screening found undeclared ammunition in an action packer. One box of 45 mm 20 rounds in package and 10 338 mm loose ammunition.				
Recommend Actions Taken:						

11	2 of 2	S	0.06 / 331.54	67.07 / 3	1647 airport road KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

HMIR Incident Reports

Report No:	E-2011040321	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	516444
Date of Incident:	2011-04-22	Report Submit Src:	Web
Time of Incident:	0800	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	1.4S	Mode Transport:	Air
Commodity Short Nm:	AMMUNITION, SPORTING	Transport Phase:	In Transit Storage
Commodity Long Nm:	AMMUNITION, SPORTING	Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:	federal ammunition	Mat Ship Approval?:	No
ID No:	UN0012	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Haz Waste EPA No:					Packaging Type:	Other - action packer
HMIS Tox Inhalation?:	No				Packing Group:	
TIH Hazard Zone:					Carrier Reporter:	Alaska Airlines
Qty Released:	0				CR Street Name:	1647 airport road
Unit of Measure:					CR City:	Kodiak
What Failed:					CR State:	AK
What Failed Desc:					CR Postal Code:	99615
How Failed Code:					CR Non US State:	
How Failed Desc:					CR Fed DOT ID:	367920
Failure Cause Code:					CR Hazmat Reg ID:	e-2011040321
Failure Cause Desc:					CR Country:	US
Ident. Markings:					Shipper Name:	Seahawk Air
Cont1 Pkging Type:					Shipper Street Name:	505 trident way
Cont1 Const Mat:					Shipper City:	Kodiak
Cont1 Head Type:					Shipper State:	AK
Cont1 Pkg Capacity:	0				Shipper Postal:	99615
C1 Capacity UOM:					Shipper Non US St:	
Cont1 Pkg Amt:	0				Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	02772171923
Cont1 Pkg No:	0				Ship Hazmat Reg ID:	516444
C1 Pkg NO Failed:	0				Origin City:	
Cont1 Pkg Mnfctr:					Origin State:	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00				Origin Postal:	
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:					Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:	0				Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99507
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:	0				Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	No				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	Yes				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	KIELA PICKETT
Damage > 500:	No				Contact Title:	CARGO AGENT
Material Loss:	0				Contact Business:	Alaska Airlines
Carrier Damage:	0				Contact Street:	1647 airport road
Property Damage:	0				Contact City:	Kodiak
Response Cost:	0				Contact State:	AK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	CONTAINER
Haz Hosp Old Form:	0				HMIS Container Code:	CONT
Total Haz Hosp Inj:	0				HMIS Container Desc:	Container, no description given (do not use if at all possible)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:						during the physical screening found undeclared ammunition in an action packer. One box of 45 mm 20 rounds in package and 10 338 mm loose ammunition.
Recommend Actions Taken:						

12	1 of 2	SW	0.08 / 421.14	68.32 / 5	Alaska Airlines - Kodiak Kodiak International Terminal Building, Kodiak, AK 99615 AK	SHWS

Hazard ID:	24566	Latitude:	57.754337
Status:	Cleanup Complete	Longitude:	-152.515535
File ID:	2601.26.004	Horizontal Datum:	WGS84
Staff:	No Longer Assigned, 9074655229 dec.icunit@alaska.gov		
Comments:			

Last staff assigned was English, and then lastly Horwath. Horwath closed site.

Action Information

Action Date: 1/24/1996
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

Action Date: 1/24/1996
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77098

Action Date: 1/24/1996
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 11/20/1997
Action: Update or Other Action
DEC Staff: * Not Assigned
Description:

ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: ALASKA AIRLINES

Action Date: 1/31/2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Site Closure Approved
DEC Staff: Paul Horwath
Description:

No Further Cleanup Action Required Letter Issued January 31, 2001.

Action Date: 11/30/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.004 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 9/18/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Entered correct Lat/Long location coordinates into database: 57.754337 -152.515535
Lat/Long collected and verified using CS Internal ArcGIS.com web map (PDH)

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

12	2 of 2	SW	0.08 / 421.14	68.32 / 5	Alaska Airlines - Kodiak Kodiak International Terminal Building Kodiak AK 99615	LUST
Facility ID:				Archived Rcrd Key:	1996250002401	
Hazard ID:	24566			Site Type:	Unknown	
Spill Date:				Latitude:	57.754337	
Status:	Cleanup Complete			Longitude:	-152.515535	
LUST Event ID:	1244			Borough:	Kodiak Island	
CS or LUST:	LUST			Staff:	No Longer Assigned	
File No:	2601.26.004			Horizontal Datum:	WGS84	
Land Owner:	Alaska Airlines					
Data Source:	SPAR Online Services - Contaminated Sites / UST Database					
Comments:						

Last staff assigned was English, and then lastly Horwath. Horwath closed site.

Action Information

Action Date: 1/24/1996
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff: Description:		* Not Assigned				
Action Date: Action: DEC Staff: Description:		1/24/1996 Leaking Underground Storage Tank Release Confirmed - Petroleum * Not Assigned				
LUST Site created in CSP for source area ID 77098						
Action Date: Action: DEC Staff: Description:		1/24/1996 Site Added to Database * Not Assigned				
Action Date: Action: DEC Staff: Description:		11/20/1997 Update or Other Action * Not Assigned				
ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: ALASKA AIRLINES						
Action Date: Action: DEC Staff: Description:		1/31/2001 Site Closure Approved Paul Horwath				
No Further Cleanup Action Required Letter Issued January 31, 2001.						
Action Date: Action: DEC Staff: Description:		11/30/2004 Update or Other Action Alyce Hughey				
File number 2601.26.004 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.						
Action Date: Action: DEC Staff: Description:		9/18/2015 Update or Other Action Paul Horwath				
Entered correct Lat/Long location coordinates into database: 57.754337 -152.515535 Lat/Long collected and verified using CS Internal ArcGIS.com web map (PDH)						

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type:
Details: No ICs Required

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 2	WNW	0.09 / 467.83	61.05 / -3	MarkAir - Kodiak (CS) Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	SHWS

Hazard ID: 1894
Status: Cleanup Complete - Institutional Controls
File ID: 2601.38.066
Staff: IC Unit, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.8029
Longitude: -152.3772
Horizontal Datum:

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

- 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200.
- 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse.
- 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release.
- 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building.
- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4.) The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination. Mark Air did not exist in 1999. The Alaska Department of Transportation and Public Facilities is conducting the cleanup.

Also see: MarkAir Facility - Kodiak # 2601.26.035. The site is located on Lot 2A and 3A, Block 1300. Cleanup on this site is primarily associated with UST issues.

Action Information

Action Date: 4/27/2006
Action: Site Characterization Workplan Approved
DEC Staff: David Pikul
Description:

DEC has completed review of the document titled: Soil Transport And Segregation Plan, Former MarkAir Facility, Kodiak, Alaska dated April 25, 2006 prepared by Shannon & Wilson Inc. The work plan is approved for implementation. Site work will involve soil stockpile screening to remove 2" plus and soil testing.

Action Date: 8/28/2008
Action: Exposure Tracking Model On Hold
DEC Staff: Pam Clemens
Description:

On 1-17-03 a ROD was signed with IC established and this site was conditionally closed. I have placed the "ETM ranking on hold" until this matter is cleared up.

Action Date: 12/30/2010
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Sent email to Becky Iles the ADOT&PF Airport Leasing Chief, Central Region; asking for an update.

Action Date: 3/2/2011
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Spoke with Sam Myers, ADOT&PF, February 2011, he is following up with the airport managers to verify status of the old MarkAir sites. Some with ICs some waiting for capping prior to closure.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		2/16/2012				
Action:		Update or Other Action				
DEC Staff:		Kristin Thompson				
Description:						
Staff changed from Pam Clemens to IC Unit.						
Action Date:		5/1/2013				
Action:		Institutional Control Compliance Review				
DEC Staff:		Evonne Reese				
Description:						
Preliminary IC review. Access to the hard file is required so this review will be completed in June 2013 when IC Unit staff is in the Anchorage office.						
Action Date:		3/18/2015				
Action:		Institutional Control Update				
DEC Staff:		Kristin Thompson				
Description:						
An IC reminder letter was issued to the responsible party on this date.						
Action Date:		6/29/2018				
Action:		Update or Other Action				
DEC Staff:		Evonne Reese				
Description:						
There is a new purchaser on the building on this lot. The lot is leased from DOT. The new lessee plans on demolishing the building and constructing a new building in its place. ADEC has been communicating with the new lessee and DOT regarding the ICs and historical contamination that may be encountered during the project.						
Action Date:		8/28/2018				
Action:		Report or Workplan Review - Other				
DEC Staff:		Evonne Reese				
Description:						
Approval was provided by CS program management for an Environmental Management Plan prior to the construction of a Alutiq Aviation Building on this property. The old building was demolished and the new building will be constructed in its place. A site investigation including soil sampling will be completed before the construction of the new building begins. Contaminated soil will likely be encountered and will be temporarily stockpiled until field screening can be performed to determine if it can be re-used or needs to be transported offsite and properly disposed of. Samples will be taken from stockpiles that field screening shows is potentially above action levels.						
Action Date:		5/24/2001				
Action:		Interim Removal Action Approved				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC approved fax request received 5/21/2001. The outline in the work plan will also evaluate the threat to human, health, safety welfare and the environment from site-related contamination. A dye test will be carried out on the floor drain system. Hand boring samples will be collected and analyzed for hazardous substances. Following the results from the samples collected the floor drains may be decommissioned or an interim removal may take place before decommission.						
Action Date:		9/12/2002				
Action:		Update or Other Action				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC received Interim Removal and Site Characterization report. Shannon & Wilson prepared the reported dated July 12,2002.						
Action Date:		12/18/2002				
Action:		Site Added to Database				
DEC Staff:		Beatrice Egbejimba				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Chemicals of concern in soil include: diesel-range organic (DRO) hydrocarbons, arsenic, chromium, cadmium, benzo(a)anthracene, benzo(a)pyrene. Groundwater has not been encountered on this property during investigation activities.

Action Date: 1/15/2003
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

LC 14103660 obtained for site.

Action Date: 1/17/2003
Action: Site Characterization Report Approved
DEC Staff: Beatrice Egbejimba
Description:

A letter was sent to Ron Stroman of ADOT&PF with approval of Interim Removal and Site Characterization report, received by ADEC on September 12, 2002.

Action Date: 6/23/1995
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

- 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200.
- 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse.
- 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release.
- 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building.
- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2 B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4. The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination.

Action Date: 1/17/2003
Action: Conditional Closure Approved
DEC Staff: Beatrice Egbejimba
Description:

ADEC signed a ROD for Lots 2B and 3B at the site. Markair Kodiak will obtain a No Further Remedial Action Planned for Lots 2B & 3B with institutional controls status following the satisfactory treatment and/or disposal of the on-site contaminated soil.

Action Date: 1/17/2003
Action: Institutional Control Record Established
DEC Staff: Beatrice Egbejimba
Description:

ADEC recognizes that DRO, cadmium, benzo (a) anthracene and benzo (a) pyrene are still present beneath the former cargo handling area but the concentrations are not considered a risk based on their location and the "incomplete" pathway to receptors (human or ecological). ADEC has determined that these hazardous substances do not pose a risk to human health or the environment and no further remedial action is required.

Action Date: 4/7/2003
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC sent letter to Ron Stroman of ADOT&PF with approval of sediment transport to Soil Processing, Inc. in Kodiak. During a phone conversation with Ron Stroman, he clarified that the sediments will be transported in supersacks and not drums.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	6/21/2004
Action:	Meeting or Teleconference Held
DEC Staff:	Beatrice Egbejimba
Description:	

ADEC met with Ron Stroman of ADOT and Dan McMahon of Shannon & Wilson to discuss long term remedial plans for the various Mark Air sites. Specifically, the possibility of land spreading impacted soil on ADOT&PF owned airport parcels in Dillingham, Nome, Kodiak, Kotzebue and King Salmon. ADEC had no objections to this plan however Jim Frechione (Environmental Conservation Manager) stressed the need to prevent run-on and run-off during the remediation process. Land spreading is currently being used to remediate soils at the Aniak Airport.

Action Date:	7/14/2004
Action:	Update or Other Action
DEC Staff:	Aggie Blandford
Description:	

File number issued 2601.38.066

Action Date:	8/16/2004
Action:	Update or Other Action
DEC Staff:	David Pikul
Description:	

DEC completed review of a work plan for site characterization prepared by S&W dated August 5, 2004

Action Date:	11/5/2004
Action:	Update or Other Action
DEC Staff:	David Pikul
Description:	

DEC completed review of the document titled: Site Characterization, Former Mark Air Facility, Lots 2A and 3A, Block 1300, Kodiak Airport, Alaska dated October 21, 2004.

Action Date:	11/18/2004
Action:	Meeting or Teleconference Held
DEC Staff:	David Pikul
Description:	

DEC attended a meeting with Ron Stroman, ADOT and S&W to discuss site activities. ADOT intends to have S&W complete a release investigation at the site summer 2005.

Action Date:	3/31/1993
Action:	Update or Other Action
DEC Staff:	Beatrice Egbejimba
Description:	

Dames & Moore prepared a report called Phase 1 Environmental Site Assessment dated March 1993. The report provided conclusions that the potential for petroleum hydrocarbons and/or hazardous substances from on-site sources to have impacted soil and/or groundwater on the property was moderate to high.

Action Date:	3/6/2000
Action:	Update or Other Action
DEC Staff:	Beatrice Egbejimba
Description:	

ADEC received a closure report. Hart Crowser prepared this UST Closure Report dated March 2000. The report presented drilling, soil and stockpile sampling information. A total of eight soil borings were advanced in the former heating oil UST area, the former gasoline UST area, the two floor drain areas, the 2,000-gallon Jet-A AST and the gravel storage area. Hart Crowser reports that drilling was slow due to the presence of large rocks. Bedrock may have been encountered at a depth of 7.5 and 10 feet as refusal was encountered in several boreholes. None of the boreholes were finished as groundwater monitoring wells because groundwater was not encountered. Analytical results indicated that petroleum hydrocarbons and other potential contaminants detected in these borings were below ADEC's cleanup levels for over 40 inch zone migration to groundwater. Soil samples were collected from the 1,300 cubic yards of soil stockpile obtained at various times during different phases of field work on this site. DRO ranging from 120 to 3,100 mg/kg in the 17 samples analyzed from this stockpile.

Action Date:	3/5/2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Meeting or Teleconference Held
DEC Staff: Beatrice Egbejimba
Description:

ADEC met with ADOT & PF (Bob Norton and Ron Stroman) and Stafford Glashon of Shannon & Wilson. At the meeting the status of MarkAir sites and proposed work plans were discussed. ADOT & PF explained that \$2 million had been obtained from AIDEA after selling MarkAir improvements through the bankruptcy court. A total of 13 sites throughout the state (with the focus on Aniak, Bethel, Nome, Deadhorse, Barrow and Kodiak) would be investigated and cleaned up.

Action Date: 5/21/2001
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received a fax request to conduct interim removal and site characterization on the former MarkAir Kodiak facility (Lot 2B,3B Block 1200).

Action Date: 2/17/2006
Action: Update or Other Action
DEC Staff: David Pikul
Description:

Note for April 7, 2003 approval to transport and treat. Approximately 0.3 cubic yards of soil generated during decommissioning of a floor drain sump.

Additionally, a January 7, 2003 memo from ADOT&PF (Ron Stromann) identifies that there are no individual on-site water or sewer systems within 1/4 mile of the site. All tenants are connected to the USCG water distribution system and sewer system.

The two soil stockpiles referenced in the January 17, 2003 ROD for Lots 2B and 3B are located across the airport in another location. Additional soil has been added to the stockpile and will require additional characterization due to the unknown origin of that soil. Ron Stromann is aware and will address the issue.

Action Date: 2/1/2019
Action: Report or Workplan Review - Other
DEC Staff: Evonne Reese
Description:

The construction and investigation of this property has been completed. According to the November 2018 follow up letter/report to the Environmental Management Plan, the investigation is complete. Throughout the excavation phase of the project, four stockpiles of sandy materials were created. They were sampled and three out of the four stockpiles (stockpiles #1, 2, and 4) showed contaminant concentrations below cleanup levels, so with ADEC approval those materials were moved offsite. The one stockpile (#3) with materials showing concentrations of diesel and benzo[a]pyrene above cleanup levels was not moved offsite. With ADEC approval the materials were re-used as backfill on the site during construction. Photo documentation and analytical results were included in the final report.

Containment Information

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzo(a)anthracene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzo(a)pyrene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Cadmium - Total
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Control Information

Type: CS Database Notation And Letter To Landowner/RP
 Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
 Details:

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
 Details:

Documents Information

Name: Record of Decision
 Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=21660&fileName=1647_2601.38.066%20MarkAir%20-%20Kodiak.pdf
 Name: Institutional Controls Reminder Letter - March 2015
 Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28236&fileName=1894_IC%2BReminder%2BLetter_MarkAir%2BKodiak%2BCS_March%2B2015.pdf

13	2 of 2	WNW	0.09 / 467.83	61.05 / -3	MarkAir - Kodiak (CS) Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	INST
Hazard ID: 1894 Status: Cleanup Complete - Institutional Controls File ID: 2601.38.066 Staff: IC Unit, 9074655229 dec.icunit@alaska.gov Latitude: 57.8029 Longitude: -152.3772 Horizontal Datum: Comments:						

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

- 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200.
- 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse.
- 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release.
- 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building.
- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4.) The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination. Mark Air did not exist in 1999. The Alaska Department of Transportation and Public Facilities is conducting the cleanup.

Also see: MarkAir Facility - Kodiak # 2601.26.035. The site is located on Lot 2A and 3A, Block 1300. Cleanup on this site is primarily associated with UST issues.

Action Information

Action Date: 2/17/2006
 Action: Update or Other Action
 DEC Staff: David Pikul
 Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note for April 7, 2003 approval to transport and treat. Approximately 0.3 cubic yards of soil generated during decommissioning of a floor drain sump.

Additionally, a January 7, 2003 memo from ADOT&PF (Ron Stromann) identifies that there are no individual on-site water or sewer systems within 1/4 mile of the site. All tenants are connected to the USCG water distribution system and sewer system.

The two soil stockpiles referenced in the January 17, 2003 ROD for Lots 2B and 3B are located across the airport in another location. Additional soil has been added to the stockpile and will require additional characterization due to the unknown origin of that soil. Ron Stromann is aware and will address the issue.

Action Date: 4/27/2006
Action: Site Characterization Workplan Approved
DEC Staff: David Pikul
Description:

DEC has completed review of the document titled: Soil Transport And Segregation Plan, Former MarkAir Facility, Kodiak, Alaska dated April 25, 2006 prepared by Shannon & Wilson Inc. The work plan is approved for implementation. Site work will involve soil stockpile screening to remove 2" plus and soil testing.

Action Date: 8/28/2008
Action: Exposure Tracking Model On Hold
DEC Staff: Pam Clemens
Description:

On 1-17-03 a ROD was signed with IC established and this site was conditionally closed. I have placed the "ETM ranking on hold" until this matter is cleared up.

Action Date: 12/30/2010
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Sent email to Becky Iles the ADOT&PF Airport Leasing Chief, Central Region; asking for an update.

Action Date: 3/2/2011
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Spoke with Sam Myers, ADOT&PF, February 2011, he is following up with the airport managers to verify status of the old MarkAir sites. Some with ICs some waiting for capping prior to closure.

Action Date: 2/16/2012
Action: Update or Other Action
DEC Staff: Kristin Thompson
Description:

Staff changed from Pam Clemens to IC Unit.

Action Date: 5/1/2013
Action: Institutional Control Compliance Review
DEC Staff: Evonne Reese
Description:

Preliminary IC review. Access to the hard file is required so this review will be completed in June 2013 when IC Unit staff is in the Anchorage office.

Action Date: 3/18/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

An IC reminder letter was issued to the responsible party on this date.

Action Date: 6/29/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Update or Other Action
DEC Staff: Evonne Reese
Description:

There is a new purchaser on the building on this lot. The lot is leased from DOT. The new lessee plans on demolishing the building and constructing a new building in its place. ADEC has been communicating with the new lessee and DOT regarding the ICs and historical contamination that may be encountered during the project.

Action Date: 8/28/2018
Action: Report or Workplan Review - Other
DEC Staff: Evonne Reese
Description:

Approval was provided by CS program management for an Environmental Management Plan prior to the construction of a Alutiiq Aviation Building on this property. The old building was demolished and the new building will be constructed in its place. A site investigation including soil sampling will be completed before the construction of the new building begins. Contaminated soil will likely be encountered and will be temporarily stockpiled until field screening can be performed to determine if it can be re-used or needs to be transported offsite and properly disposed of. Samples will be taken from stockpiles that field screening shows is potentially above action levels.

Action Date: 2/1/2019
Action: Report or Workplan Review - Other
DEC Staff: Evonne Reese
Description:

The construction and investigation of this property has been completed. According to the November 2018 follow up letter/report to the Environmental Management Plan, the investigation is complete. Throughout the excavation phase of the project, four stockpiles of sandy materials were created. They were sampled and three out of the four stockpiles (stockpiles #1, 2, and 4) showed contaminant concentrations below cleanup levels, so with ADEC approval those materials were moved offsite. The one stockpile (#3) with materials showing concentrations of diesel and benzo[a]pyrene above cleanup levels was not moved offsite. With ADEC approval the materials were re-used as backfill on the site during construction. Photo documentation and analytical results were included in the final report.

Action Date: 3/31/1993
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

Dames & Moore prepared a report called Phase 1 Environmental Site Assessment dated March 1993. The report provided conclusions that the potential for petroleum hydrocarbons and/or hazardous substances from on-site sources to have impacted soil and/or groundwater on the property was moderate to high.

Action Date: 6/23/1995
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

- 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200.
- 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse.
- 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release.
- 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building.
- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2 B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4. The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination.

Action Date: 3/6/2000
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC received a closure report. Hart Crowser prepared this UST Closure Report dated March 2000. The report presented drilling, soil and stockpile sampling information. A total of eight soil borings were advanced in the former heating oil UST area, the former gasoline UST area, the two floor drain areas, the 2,000-gallon Jet-A AST and the gravel storage area. Hart Crowser reports that drilling was slow due to the presence of large rocks. Bedrock may have been encountered at a depth of 7.5 and 10 feet as refusal was encountered in several boreholes. None of the boreholes were finished as groundwater monitoring wells because groundwater was not encountered. Analytical results indicated that petroleum hydrocarbons and other potential contaminants detected in these borings were below ADEC's cleanup levels for over 40 inch zone migration to groundwater. Soil samples were collected from the 1,300 cubic yards of soil stockpile obtained at various times during different phases of field work on this site. DRO ranging from 120 to 3,100 mg/kg in the 17 samples analyzed from this stockpile.

Action Date: 3/5/2001
Action: Meeting or Teleconference Held
DEC Staff: Beatrice Egbejimba
Description:

ADEC met with ADOT & PF (Bob Norton and Ron Stroman) and Stafford Glashon of Shannon & Wilson. At the meeting the status of MarkAir sites and proposed work plans were discussed. ADOT& PF explained that \$2 million had been obtained from AIDEA after selling MarkAir improvements through the bankruptcy court. A total of 13 sites throughout the state (with the focus on Aniak, Bethel, Nome, Deadhorse, Barrow and Kodiak) would be investigated and cleaned up.

Action Date: 5/21/2001
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received a fax request to conduct interim removal and site characterization on the former MarkAir Kodiak facility (Lot 2B,3B Block 1200).

Action Date: 5/24/2001
Action: Interim Removal Action Approved
DEC Staff: Beatrice Egbejimba
Description:

ADEC approved fax request received 5/21/2001. The outline in the work plan will also evaluate the threat to human, health, safety welfare and the environment from site-related contamination. A dye test will be carried out on the floor drain system. Hand boring samples will be collected and analyzed for hazardous substances. Following the results from the samples collected the floor drains may be decommissioned or an interim removal may take place before decommission.

Action Date: 9/12/2002
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received Interim Removal and Site Characterization report. Shannon & Wilson prepared the reported dated July 12,2002.

Action Date: 12/18/2002
Action: Site Added to Database
DEC Staff: Beatrice Egbejimba
Description:

Chemicals of concern in soil include: diesel-range organic (DRO) hydrocarbons, arsenic, chromium, cadmium, benzo(a)anthracene, benzo(a)pyrene. Groundwater has not been encountered on this property during investigation activities.

Action Date: 1/15/2003
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

LC 14103660 obtained for site.

Action Date: 1/17/2003
Action: Site Characterization Report Approved
DEC Staff: Beatrice Egbejimba
Description:

A letter was sent to Ron Stroman of ADOT&PF with approval of Interim Removal and Site Characterization report, received by ADEC on September 12,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2002.						
Action Date:		1/17/2003				
Action:		Conditional Closure Approved				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC signed a ROD for Lots 2B and 3B at the site. Markair Kodiak will obtain a No Further Remedial Action Planned for Lots 2B & 3B with institutional controls status following the satisfactory treatment and/or disposal of the on-site contaminated soil.						
Action Date:		1/17/2003				
Action:		Institutional Control Record Established				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC recognizes that DRO, cadmium, benzo (a) anthracene and benzo (a) pyrene are still present beneath the former cargo handling area but the concentrations are not considered a risk based on their location and the "incomplete" pathway to receptors (human or ecological). ADEC has determined that these hazardous substances do not pose a risk to human health or the environment and no further remedial action is required.						
Action Date:		4/7/2003				
Action:		Update or Other Action				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC sent letter to Ron Stroman of ADOT&PF with approval of sediment transport to Soil Processing, Inc. in Kodiak. During a phone conversation with Ron Stroman, he clarified that the sediments will be transported in supersacks and not drums.						
Action Date:		6/21/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC met with Ron Stroman of ADOT and Dan McMahon of Shannon & Wilson to discuss long term remedial plans for the various Mark Air sites. Specifically, the possibility of land spreading impacted soil on ADOT&PF owned airport parcels in Dillingham, Nome, Kodiak, Kotzebue and King Salmon. ADEC had no objections to this plan however Jim Frechione (Environmental Conservation Manager) stressed the need to prevent run-on and run-off during the remediation process. Land spreading is currently being used to remediate soils at the Aniak Airport.						
Action Date:		7/14/2004				
Action:		Update or Other Action				
DEC Staff:		Aggie Blandford				
Description:						
File number issued 2601.38.066						
Action Date:		8/16/2004				
Action:		Update or Other Action				
DEC Staff:		David Pikul				
Description:						
DEC completed review of a work plan for site characterization prepared by S&W dated August 5, 2004						
Action Date:		11/5/2004				
Action:		Update or Other Action				
DEC Staff:		David Pikul				
Description:						
DEC completed review of the document titled: Site Characterization, Former Mark Air Facility, Lots 2A and 3A, Block 1300, Kodiak Airport, Alaska dated October 21, 2004.						
Action Date:		11/18/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		David Pikul				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC attended a meeting with Ron Stroman, ADOT and S&W to discuss site activities. ADOT intends to have S&W complete a release investigation at the site summer 2005.

Containment Information

Name: Benzo(a)pyrene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzo(a)anthracene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Cadmium - Total
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: CS Database Notation And Letter To Landowner/RP
Details:

Requirements

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
Details:

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Documents Information

Name: Institutional Controls Reminder Letter - March 2015
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28236&fileName=1894_IC%2BReminder%2BLetter_MarkAir%2BKodiak%2BCS_March%2B2015.pdf

Name: Record of Decision
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=21660&fileName=1647_2601.38.066%20MarkAir%20-%20Kodiak.pdf

14	1 of 12	WSW	0.09 / 474.76	68.37 / 5	PENINSULA AIRWAYS INC LOT 7 BLOCK KODIAK STATE AIRPORT KODIAK AK 99615	RCRA NON GEN
EPA Handler ID:		AKR000002600				
Gen Status Universe:		No Report				
Contact Name:		FRED E. BALL				
Contact Address:		PO BOX 890 , , KODIAK , AK, 99615 , US				
Contact Phone No and Ext:		907-787-4014				
Contact Email:						
Contact Country:		US				
County Name:		KODIAK ISLAND				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPA Region:		10				
Land Type:		State				
Receive Date:		19971130				
Location Latitude:						
Location Longitude:						

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19971130
Handler Name: PENINSULA AIRWAYS INC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	State	Street 1:	PO BOX 890
Name:	PENINSULA AIRWAYS INC	Street 2:	
Date Became Current:		City:	KODIAK
Date Ended Current:		State:	AK
Phone:	907-487-4014	Country:	
Source Type:	Notification	Zip Code:	99615

14	2 of 12	WSW	0.09 / 474.76	68.37 / 5	KODIAK AIRPORT KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

HMIR Incident Reports

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Report No:	I-1996070175				Fed DOT Agency Nm:	
Report Type:	A hazardous material incident				Fed DOT Report No:	
Date of Incident:	1996-06-23				Report Submit Src:	Paper
Time of Incident:	1835				Inc Multiple Rows:	No
Haz Class Code:					Inc Non US State:	
Hazardous Class:	3				Mode Transport:	Air
Commodity Short Nm:	FLAMMABLE LIQUIDS, N.O.S.				Transport Phase:	Unloading
Commodity Long Nm:	FLAMMABLE LIQUIDS, N.O.S.				Incident Occrrnce:	
Trade Name:	CHARCOAL LIGHTER FUL				Mat Ship Approval?:	No
ID No:	UN1993				Mat Ship Approv No:	
Haz Waste Ind:	No				Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:					Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No				Packing Group:	
TIH Hazard Zone:					Carrier Reporter:	ALASKA AIRLINES INC
Qty Released:	0.125				CR Street Name:	KODIAK STATE AIRPORT
Unit of Measure:	Liquid - Gallon				CR City:	KODIAK
What Failed:					CR State:	AK
What Failed Desc:					CR Postal Code:	99615
How Failed Code:					CR Non US State:	
How Failed Desc:					CR Fed DOT ID:	367920
Failure Cause Code:					CR Hazmat Reg ID:	
Failure Cause Desc:					CR Country:	US
Ident. Markings:					Shipper Name:	INDIVIDUAL - NOT A COMPANY
Cont1 Pkging Type:					Shipper Street Name:	202 EAST REZANOF, NO 2
Cont1 Const Mat:					Shipper City:	KODIAK
Cont1 Head Type:					Shipper State:	AK
Cont1 Pkg Capacity:	0.25				Shipper Postal:	99615
C1 Capacity UOM:	LGA				Shipper Non US St:	
Cont1 Pkg Amt:	0				Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	
Cont1 Pkg No:	1				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1				Origin City:	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER				Origin State:	
Cont1 Pkg Mnfc Dt:	0-00-00 00:00:00				Origin Postal:	
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:					Destination City:	KODIAK
C1 Pkg Dsign Pres.:	0				Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99615
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:	0				Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0.25
C1 Srvc Press UOM:					Cont2 Capacity UOM:	LGA
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	1
C1 Device Model:					Cont2 Pkg No Failed:	1
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	P

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fire EMS Report:	No				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	EDISON AZIZI
Damage > 500:	No				Contact Title:	CUSTOMER SERVICE MANAGER
Material Loss:	1				Contact Business:	
Carrier Damage:	0				Contact Street:	
Property Damage:	0				Contact City:	
Response Cost:	0				Contact State:	
Remediation Cost:	0				Contact Postal:	
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	1				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatafs:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	BOX FIBER
Haz Hosp Old Form:	0				HMIS Container Code:	BOX FBR
Total Haz Hosp Inj:	0				HMIS Container Desc:	Fiberboard box or carton
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:	IN BOUND ON FLIGHT 185/23 JUNE, ANCHORAGE TO KODIAK, A PASSENGER CHECKED A FIBERBOARD BIKE BOX CONTAINING A BICYCLE AND A BROWN PAPER, LUNCH BAG TYPE WHICH CONTAINER 1 QUART, METAL (JANE LEE CHARCOAL LIGHTER FLUID) CONTAINER. IT APPEARED APPROXIMATELY ONE-HALF OF THE CONTENTS LEAKED OUT AS A RESULT OF THE CLOSURE NOT BEING FULLY CLOSED. INCLUDED IN THE SAME BAG WITH THE LIGHTER FLUID WERE SAFETY MATCHES. THE SPILLAGE WAS CONTAINED AND CLEANED UP BY GROUND SUPPORT PERSONNEL.					
Recommend Actions Taken:						

14	3 of 12	WSW	0.09 / 474.76	68.37 / 5	Kodiak Terminal Alaska Airline Terminal kodiak Airport Kodiak AK 99615	UST
Facility ID:	332					
Facility Type:	Air Taxi (Airline)					
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:	1			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	1			Pipe Mat Constr:	Other	
Compliance Tag No:				Piping Type:	Safe Suction	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Gasoline			Piping Rel Detect:	Not Listed	
Capacity:	1000 gallons			Tank Rel Det:	Not Listed	
Age:	11.1			Spill Prevent Met:	No	
Date Installed:	3/26/1983			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 5/2/1994					
LD Other Methods:						
DEC Tank ID:	2			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	2			Pipe Mat Constr:	Other	
Compliance Tag No:				Piping Type:	U.S. Suction	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Product: Gasoline Capacity: 500 gallons Age: 11.1 Date Installed: 3/26/1983 Next Inspection Due: No Date Available Status: Permanently Out of Use Closed on 5/2/1994 LD Other Methods:						
Piping Rel Detect: Not Listed Tank Rel Det: Not Listed Spill Prevent Met: No Overfill Prevent Met: No Cathodic Protect Met: No						
Owner Detail(s)						
Site Name: Kodiak Terminal Location: Alaska Airline Terminal kodiak Airport Facility Type: Air Taxi (Airline) Owner Address: PO Box 68900, SEAZA Seattle, WA 98168						
Owner ID: 35 Owner Name: Alaska Airlines Owner 1: Alaska Airlines						
Tank and Owner Detail(s)						
Tank ID: 2 Tank Capacity: 500 Facility Type: Air Taxi (Airline) Tank Status Desc: Permanently Out of Use Substance: Gasoline Regulated: Yes Date Installed: 3/26/1983						
Owner ID: 35 Owner Name: Alaska Airlines Owner Address: PO Box 68900, SEAZA Owner City: Seattle Owner State: WA Owner Zip: 98168						
Tank ID: 1 Tank Capacity: 1000 Facility Type: Air Taxi (Airline) Tank Status Desc: Permanently Out of Use Substance: Gasoline Regulated: Yes Date Installed: 3/26/1983						
Owner ID: 35 Owner Name: Alaska Airlines Owner Address: PO Box 68900, SEAZA Owner City: Seattle Owner State: WA Owner Zip: 98168						

14	4 of 12	WSW	0.09 / 474.76	68.37 / 5	Brechan Hangar State Airport Kodiak AK 99615	UST
Facility ID: 1168 Facility Type: Aircraft Owner Latitude: Longitude:						

Tank Detail(s)						
DEC Tank ID: 1 Owner Tank ID: 213 Compliance Tag No: Closure Status: Tank removed from ground Regulated Tank: No Product: Heating Oil Capacity: 2000 gallons Age: Date Installed: Next Inspection Due: No Date Available Status: Permanently Out of Use Closed on 9/1/1994 LD Other Methods:						
Tank Mat Constr: Not Listed Pipe Mat Constr: Not Listed Piping Type: Not Listed Scndry Cont Opt (Tk): None Scndry Cont Opt (Pp): None Piping Rel Detect: Not Listed Tank Rel Det: Not Listed Spill Prevent Met: No Overfill Prevent Met: No Cathodic Protect Met: No						
DEC Tank ID: 3 Owner Tank ID: 1 Compliance Tag No: Closure Status: Tank removed from ground Regulated Tank: Yes Product: Diesel Capacity: 1000 gallons Age: 10.1						
Tank Mat Constr: Asphalt Coated or Bare Steel Pipe Mat Constr: Bare Steel Piping Type: Not Listed Scndry Cont Opt (Tk): None Scndry Cont Opt (Pp): None Piping Rel Detect: Not Listed Tank Rel Det: Not Listed Spill Prevent Met: No						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Installed:	4/4/1980			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 5/16/1990					
LD Other Methods:						
DEC Tank ID:	4			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	2			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	Not Listed	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Diesel			Piping Rel Detect:	Not Listed	
Capacity:	1000 gallons			Tank Rel Det:	Not Listed	
Age:	10.1			Spill Prevent Met:	No	
Date Installed:	4/4/1980			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 5/16/1990					
LD Other Methods:						
DEC Tank ID:	2			Tank Mat Constr:	Not Listed	
Owner Tank ID:	214			Pipe Mat Constr:	Not Listed	
Compliance Tag No:				Piping Type:	Not Listed	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Used Oil			Piping Rel Detect:	Not Listed	
Capacity:	500 gallons			Tank Rel Det:	Not Listed	
Age:				Spill Prevent Met:	No	
Date Installed:				Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 8/1/1994					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	Brechan Hangar			Owner ID:	162	
Location:	State Airport			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner 1:	Brechan Enterprises, Inc.	
Owner Address:	P.O. Box 1275 Kodiak, AK 99615					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	4			Owner ID:	162	
Tank Capacity:	1000			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Diesel			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	4/4/1980					
Tank ID:	1			Owner ID:	162	
Tank Capacity:	2000			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Heating Oil			Owner State:	AK	
Regulated:	No			Owner Zip:	99615	
Date Installed:						
Tank ID:	3			Owner ID:	162	
Tank Capacity:	1000			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Diesel			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	4/4/1980					
Tank ID:	2			Owner ID:	162	
Tank Capacity:	500			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Status Desc:		Permanently Out of Use		Owner City:		Kodiak
Substance:		Used Oil		Owner State:		AK
Regulated:		Yes		Owner Zip:		99615
Date Installed:						
14	5 of 12	WSW	0.09 / 474.76	68.37 / 5	Hertz Car & Truck Rntl. Licenser Kodiak Airport Kodiak AK 99615	UST
Facility ID:		1520				
Facility Type:		Unknown				
Latitude:						
Longitude:						
Tank Detail(s)						
DEC Tank ID:		1		Tank Mat Constr:		Asphalt Coated or Bare Steel
Owner Tank ID:		1		Pipe Mat Constr:		Bare Steel
Compliance Tag No:				Piping Type:		Not Listed
Closure Status:		Tank removed from ground		Scndry Cont Opt (Tk):		None
Regulated Tank:		Yes		Scndry Cont Opt (Pp):		None
Product:		Gasoline		Piping Rel Detect:		Not Listed
Capacity:		2500 gallons		Tank Rel Det:		Not Listed
Age:		13.5		Spill Prevent Met:		No
Date Installed:		4/14/1978		Overfill Prevent Met:		No
Next Inspection Due:		No Date Available		Cathodic Protect Met:		No
Status:		Permanently Out of Use Closed on 11/1/1991				
LD Other Methods:						
Owner Detail(s)						
Site Name:		Hertz Car & Truck Rntl. Licenser		Owner ID:		537
Location:		Kodiak Airport		Owner Name:		Hertz Car & Truck Rntl. Licenser
Facility Type:		Unknown		Owner 1:		Hertz Car & Truck Rntl. Licenser
Owner Address:		Kodiak Airport Kodiak, AK 99615				
Tank and Owner Detail(s)						
Tank ID:		1		Owner ID:		537
Tank Capacity:		2500		Owner Name:		Hertz Car & Truck Rntl. Licenser
Facility Type:		Unknown		Owner Address:		Kodiak Airport
Tank Status Desc:		Permanently Out of Use		Owner City:		Kodiak
Substance:		Gasoline		Owner State:		AK
Regulated:		Yes		Owner Zip:		99615
Date Installed:		4/14/1978				
14	6 of 12	WSW	0.09 / 474.76	68.37 / 5	Building 520 Abandoned Kodiak Airport Vicinity Kodiak AK 99615	UST
Facility ID:		3303				
Facility Type:		Unknown				
Latitude:						
Longitude:						
Tank Detail(s)						
DEC Tank ID:		2		Tank Mat Constr:		Not Listed
Owner Tank ID:				Pipe Mat Constr:		Not Listed
Compliance Tag No:				Piping Type:		Not Listed
Closure Status:		Not Available		Scndry Cont Opt (Tk):		None
Regulated Tank:		No		Scndry Cont Opt (Pp):		None
Product:		Heating Oil		Piping Rel Detect:		Not Listed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Capacity:	4000 gallons				Tank Rel Det:	Not Listed
Age:	72.6				Spill Prevent Met:	No
Date Installed:	1/1/1949				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	1				Tank Mat Constr:	Not Listed
Owner Tank ID:					Pipe Mat Constr:	Not Listed
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Available				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	4000 gallons				Tank Rel Det:	Not Listed
Age:	72.6				Spill Prevent Met:	No
Date Installed:	1/1/1949				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	3				Tank Mat Constr:	Not Listed
Owner Tank ID:					Pipe Mat Constr:	Not Listed
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Available				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	4000 gallons				Tank Rel Det:	Not Listed
Age:	72.6				Spill Prevent Met:	No
Date Installed:	1/1/1949				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	Building 520 Abandoned				Owner ID:	1143
Location:	Kodiak Airport Vicinity				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner 1:	US Army Corp of Engineers
Owner Address:	PO Box 898 JBER-EAFB, AK 99506					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	1				Owner ID:	1143
Tank Capacity:	4000				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner Address:	PO Box 898
Tank Status Desc:	Permanently Out of Use				Owner City:	JBER-EAFB
Substance:	Heating Oil				Owner State:	AK
Regulated:	No				Owner Zip:	99506
Date Installed:	1/1/1949					
Tank ID:	2				Owner ID:	1143
Tank Capacity:	4000				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner Address:	PO Box 898
Tank Status Desc:	Permanently Out of Use				Owner City:	JBER-EAFB
Substance:	Heating Oil				Owner State:	AK
Regulated:	No				Owner Zip:	99506
Date Installed:	1/1/1949					
Tank ID:	3				Owner ID:	1143
Tank Capacity:	4000				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner Address:	PO Box 898
Tank Status Desc:	Permanently Out of Use				Owner City:	JBER-EAFB
Substance:	Heating Oil				Owner State:	AK
Regulated:	No				Owner Zip:	99506
Date Installed:	1/1/1949					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	7 of 12	WSW	0.09 / 474.76	68.37 / 5	USFWS - Kodiak National Wildlife Refuge Kodiak State Airport-hangar Site Kodiak AK 99615	UST
Facility ID:		414				
Facility Type:		Unknown				
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:	1			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	1			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	U.S. Suction	
Closure Status:	Not Listed			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Gasoline			Piping Rel Detect:	Line Tightness Testing	
Capacity:	1500 gallons			Tank Rel Det:	Manual Tank Gauging	
Age:	7.4			Spill Prevent Met:	No	
Date Installed:	5/5/1986			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 9/20/1993					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	USFWS - Kodiak National Wildlife Refuge			Owner ID:	1814	
Location:	Kodiak State Airport-hangar Site			Owner Name:	US Fish & Wildlife Service	
Facility Type:	Unknown			Owner 1:	US Fish & Wildlife Service	
Owner Address:	1011 E Tudor RD Anchorage, AK 99503					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	1			Owner ID:	1814	
Tank Capacity:	1500			Owner Name:	US Fish & Wildlife Service	
Facility Type:	Unknown			Owner Address:	1011 E Tudor RD	
Tank Status Desc:	Permanently Out of Use			Owner City:	Anchorage	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99503	
Date Installed:	5/5/1986					

14	8 of 12	WSW	0.09 / 474.76	68.37 / 5	Former Markair - Kodiak Station Kodiak Airport Lot2a Kodiak AK 99615	UST
Facility ID:		92				
Facility Type:		Air Taxi (Airline)				
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:	1			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	1			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	Safe Suction	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Diesel			Piping Rel Detect:	Not Listed	
Capacity:	10000 gallons			Tank Rel Det:	Not Listed	
Age:	24.3			Spill Prevent Met:	No	
Date Installed:	1/1/1974			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 4/3/1998					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
LD Other Methods:						
DEC Tank ID:	3				Tank Mat Constr:	Unknown
Owner Tank ID:	3				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	500 gallons				Tank Rel Det:	Not Listed
Age:					Spill Prevent Met:	No
Date Installed:					Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 5/1/1990					
LD Other Methods:						
DEC Tank ID:	4				Tank Mat Constr:	Unknown
Owner Tank ID:	4				Pipe Mat Constr:	Unknown
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:					Spill Prevent Met:	No
Date Installed:					Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/15/1991					
LD Other Methods:						
DEC Tank ID:	5				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	5				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Safe Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	2000 gallons				Tank Rel Det:	Not Listed
Age:	21.8				Spill Prevent Met:	No
Date Installed:	1/1/1978				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 10/20/1999					
LD Other Methods:						
DEC Tank ID:	6				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	6				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Safe Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	2000 gallons				Tank Rel Det:	Not Listed
Age:	21.8				Spill Prevent Met:	No
Date Installed:	1/1/1978				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 10/20/1999					
LD Other Methods:						
DEC Tank ID:	2				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Safe Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	10000 gallons				Tank Rel Det:	Not Listed
Age:	24.3				Spill Prevent Met:	No
Date Installed:	1/1/1974				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/3/1998					
LD Other Methods:						

Owner Detail(s)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Name:	Former Markair - Kodiak Station	Owner ID:	2259
Location:	Kodiak Airport Lot2a	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner 1:	ADOT&PF
Owner Address:	PO Box 112500 MS-2500 Juneau, AK 99801		

Tank and Owner Detail(s)

Tank ID:	3	Owner ID:	2259
Tank Capacity:	500	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:			

Tank ID:	4	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Heating Oil	Owner State:	AK
Regulated:	No	Owner Zip:	99801
Date Installed:			

Tank ID:	6	Owner ID:	2259
Tank Capacity:	2000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1978		

Tank ID:	5	Owner ID:	2259
Tank Capacity:	2000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1978		

Tank ID:	2	Owner ID:	2259
Tank Capacity:	10000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1974		

Tank ID:	1	Owner ID:	2259
Tank Capacity:	10000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1974		

14	9 of 12	WSW	0.09 / 474.76	68.37 / 5	KODIAK AIRPORT COAST GUARD BASE MILE MARKER 5.1 BE	SPILLS

Kodiak AK 99615

Spill ID:	11468	Latitude:	57.78813829298
Spill No:	98249907902	Longitude:	-152.404956568964
Spill Date:	3/20/1998 12:00:00 AM	Address1:	
Facility Type:	Vehicle	Address2:	
Facility Sub Type:		City:	Kodiak
Case Closed Date:	4/15/1998 12:00:00 AM	Zip Code:	99615

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Response: Location: Location Data: Spill Name: Source Type: Phone Follow-up KODIAK CITY Facility Area: Sub Area: Region: Central Alaska Kodiak Island Kodiak						
Spill Detail(s)						
Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Diesel 3,000 Gallons Cause Subtype: Cause Type: Affiliate Role: Substance Type: Cargo Not Secured Human Factors Primary Responsible Party Noncrude Oil						
PETRO MARINE - NO ENTRY, NO ENTRY						
14	10 of 12	WSW	0.09 / 474.76	68.37 / 5	In Water off of Runway 25 Kodiak Airport Kodiak Airport Kodiak AK 99615	SPILLS
Spill ID: Spill No: Spill Date: Facility Type: Facility Sub Type: Case Closed Date: Response: Location: Location Data: Spill Name: Source Type: 30558 08249900501 1/5/2008 12:00:00 AM Air Transportation Aircraft 1/7/2008 12:00:00 AM Phone Follow-up WOMENS BAY Facility Latitude: Longitude: Address1: Address2: City: Zip Code: Area: Sub Area: Region: 57.75 -152.494 Kodiak Airport Kodiak 99615 Central Alaska Kodiak Island Kodiak						
Piper PA-31 Plane Crash end of Runway 25 Kodiak Tank, Other, Mobile						
Spill Detail(s)						
Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Aviation Fuel 150.000 Gallons 150.000 Cause Subtype: Cause Type: Affiliate Role: Substance Type: Cargo Not Secured Human Factors Primary Responsible Party Noncrude Oil						
Servant Air (Homer AK) - Panamarioff, Ted						
14	11 of 12	WSW	0.09 / 474.76	68.37 / 5	KODIAK AIRPORT RUNWAY 28/25 Kodiak AK 99615	SPILLS
Spill ID: Spill No: Spill Date: Facility Type: Facility Sub Type: Case Closed Date: Response: Location: Location Data: Spill Name: Source Type: 8912 97249906001 3/1/1997 12:00:00 AM Air Transportation Aircraft 7/30/1998 12:00:00 AM Phone Follow-up KODIAK CITY Facility Latitude: Longitude: Address1: Address2: City: Zip Code: Area: Sub Area: Region: 57.78813829298 -152.404956568964 Kodiak 99615 Central Alaska Kodiak Island Kodiak						
USCG C-130 JP5						
Spill Detail(s)						
Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Aviation Fuel 100.000 Gallons Cause Subtype: Cause Type: Affiliate Role: Substance Type: Cargo Not Secured Human Factors Primary Responsible Party Noncrude Oil						
US COAST GUARD - NO ENTRY, NO ENTRY						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	12 of 12	WSW	0.09 / 474.76	68.37 / 5	DOT Kodiak Kodiak Airport Kodiak AK 99615	SPILLS
Spill ID: 64946 Spill No: 20249908602 Spill Date: 3/26/2020 12:00:00 AM Facility Type: Vehicle Facility Sub Type: Case Closed Date: 3/31/2020 12:00:00 AM Response: Phone Follow-up Location: KODIAK CITY Location Data: Spill Name: MOSRL: Emulsion Line Truck DOT Kodiak Diesel Source Type: Pipe or Line Latitude: Longitude: Address1: Kodiak Airport Address2: City: Kodiak Zip Code: 99615 Area: Central Alaska Sub Area: Kodiak Island Region: Kodiak						
Spill Detail(s)						
Substance Subtype: Diesel Quantity Released: 5.000 Substance Unit: Gallons Quantity Potential: Responsible Party: Kodiak DOT - , Cause Subtype: Leak Cause Type: Structural/Mechanical Affiliate Role: Primary Responsible Party Substance Type: Noncrude Oil						
15	1 of 3	E	0.11 / 568.30	59.43 / -4	ANDREW AIRWAYS INC 1522 DEVILS CREEK RD PO BOX 1037 KODIAK AK 99615	RCRA NON GEN
EPA Handler ID: AKR000004325 Gen Status Universe: No Report Contact Name: TERESA HARNISH Contact Address: PO BOX 2472 , , WENATCHEE , WA, 98807 , US Contact Phone No and Ext: 509-667-2229 Contact Email: Contact Country: US County Name: KODIAK ISLAND EPA Region: 10 Land Type: Private Receive Date: 20000602 Location Latitude: 57.755778 Location Longitude: -152.513063						
Violation/Evaluation Summary						
Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).						
Handler Summary						
Importer Activity: No Mixed Waste Generator: No Transporter Activity: Yes Transfer Facility: No Onsite Burner Exemption: No Furnace Exemption: No Underground Injection Activity: No Commercial TSD: No Used Oil Transporter: No Used Oil Transfer Facility: No Used Oil Processor: No Used Oil Refiner: No Used Oil Burner: No Used Oil Market Burner: No Used Oil Spec Marketer: No						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20000602
Handler Name: ANDREW AIRWAYS INC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 1037
Name:	DEAN T ANDREW	Street 2:	
Date Became Current:		City:	KODIAK
Date Ended Current:		State:	AK
Phone:	907-487-2566	Country:	
Source Type:	Notification	Zip Code:	99615

15	2 of 3	E	0.11 / 568.30	59.43 / -4	Andrew Airways 1522 Devil's Creek Rd Kodiak AK 99615	UST

Facility ID: 2469
Facility Type: Air Taxi (Airline)
Latitude: 57.744569
Longitude: -151.502583

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Cathodically Protected Steel
Owner Tank ID:	2	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Pressurized
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	Cathodically Protected
Product:	Kerosene	Piping Rel Detect:	Auto Line LD
Capacity:	25000 gallons	Tank Rel Det:	Statistical Inventory Reconciliation
Age:	32.2	Spill Prevent Met:	Yes
Date Installed:	6/1/1979	Overfill Prevent Met:	Yes
Next Inspection Due:	10/31/2008	Cathodic Protect Met:	Yes
Status:	Permanently Out of Use Closed on 8/5/2011		
LD Other Methods:			

DEC Tank ID:	1	Tank Mat Constr:	Cathodically Protected Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Pressurized
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	Cathodically Protected
Product:	Gasoline	Piping Rel Detect:	Auto Line LD
Capacity:	25000 gallons	Tank Rel Det:	Statistical Inventory Reconciliation
Age:	32.2	Spill Prevent Met:	Yes
Date Installed:	6/1/1979	Overfill Prevent Met:	Yes
Next Inspection Due:	10/31/2008	Cathodic Protect Met:	Yes
Status:	Permanently Out of Use Closed on 8/5/2011		
LD Other Methods:			

DEC Tank ID:	3	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	3	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Safe Suction
Closure Status:	Not Listed	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	2000 gallons	Tank Rel Det:	Not Listed
Age:	14.3	Spill Prevent Met:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Installed:	6/1/1979				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 9/18/1993					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	Andrew Airways			Owner ID:	9277	
Location:	1522 Devil's Creek Rd			Owner Name:	Andrew Airways, Inc.	
Facility Type:	Air Taxi (Airline)			Owner 1:	Andrew Airways, Inc.	
Owner Address:	PO Box 1037 Kodiak, AK 99615					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	2			Owner ID:	9277	
Tank Capacity:	25000			Owner Name:	Andrew Airways, Inc.	
Facility Type:	Air Taxi (Airline)			Owner Address:	PO Box 1037	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Kerosene			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	6/1/1979					
Tank ID:	1			Owner ID:	9277	
Tank Capacity:	25000			Owner Name:	Andrew Airways, Inc.	
Facility Type:	Air Taxi (Airline)			Owner Address:	PO Box 1037	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	6/1/1979					
Tank ID:	3			Owner ID:	9277	
Tank Capacity:	2000			Owner Name:	Andrew Airways, Inc.	
Facility Type:	Air Taxi (Airline)			Owner Address:	PO Box 1037	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	6/1/1979					

[15](#)

3 of 3

E

0.11 /
568.3059.43 /
-4Andrew Air / Kodiak Airport
1522 Devils Creek Road
Kodiak AK 99615

SPILLS

Spill ID:	39101	Latitude:	
Spill No:	12249903201	Longitude:	
Spill Date:	2/1/2012 12:00:00 AM	Address1:	1522 Devils Creek Road
Facility Type:	Air Transportation	Address2:	
Facility Sub Type:	Airport/Airfield	City:	Kodiak
Case Closed Date:	2/1/2012 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	KODIAK CITY	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	Andrew Air Kodiak 35 Gallon Diesel Spill		
Source Type:	Tank, Other, Mobile		

Spill Detail(s)

Substance Subtype:	Diesel	Cause Subtype:	Human Error
Quantity Released:	35.000	Cause Type:	Human Factors
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:	35.000	Substance Type:	Noncrude Oil
Responsible Party:	Andrew Air - Dorman, Dan		

[16](#)

1 of 2

N

0.19 /
1,006.6066.57 /
3USCG MA6 DOT Building A-711
Tom Stiles, Anton Larson,

SHWS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

**Intersection of, Kodiak, AK 99619
AK**

Hazard ID:	2304	Latitude:	57.758651
Status:	Active	Longitude:	-152.514588
File ID:	2601.38.043	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Solvent from LUST contaminated soil and GW. Approximately 2-5,000 gallons DRO or FS-6 or Bunker C. Known subsurface and GW contamination within 200-feet of the Buskin River. 11/99 - Contamination was discovered below the water table during an investigation this summer. Planned IRA work was suspended to rescope. Sentinel Wells near the Buskin River sampled in October 1999. Last staff assigned was Patrick-Riley, Sundet, Horwath, Rutkowski, Seagren and Brownlee.

Action Information

Action Date:	1/12/2005
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in a meeting with the Coast Guard, EPA, Corps of Engineers and contractors to discuss remedial investigations at two Formerly Used Defense Sites on Kodiak. The Fire Training Pit and Building A-711 both have large contaminant masses at the smear zone and are near the Buskin River, a major salmon stream on the island. The 2004 remedial investigations at both sites filled in several data gaps. A list of remedial alternatives was discussed for inclusion in the upcoming Feasibility Studies. The cleanup team decided that a treatability study would be useful to gauge the biological response and area of influence to additives to supplement attenuation. The treatability study is planned for the summer of 2005

Action Date:	6/17/2005
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.

Action Date:	8/30/2005
Action:	Update or Other Action
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date:	6/14/2007
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date:	11/2/2007
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects						
Action Date:		3/26/2008				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Initial ranking with ETM completed.						
Action Date:		4/2/2008				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in an update meeting for the Formerly Used Defense Sites on Kodiak Island. The Fire Training Pit, Drury Gulch, and Buskin Beach sites will be undergoing active remediation this summer. Environmental investigations will be performed at Building A-711, Buskin Beach and the Fire Training Pit. Proposed Plans are being produced this summer for Building A-711, Fire Training Pit, Asphalt Disposal Area and Buskin Beach and a closure report for an Underground Storage Tank cleanup at Bruhn Point. The spring open house and assembly meeting will be the end of May or early June						
Action Date:		7/17/2008				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Site staff reviewed and commented on a Proposed Plan for the Building A-711 FUDS on Kodiak Island. The site is proposed for Long-term Monitoring and ICs. The site has heavy end petroleum contamination below the water table over ingestion levels under ten plus feet of overburden. Monitoring will be designed to ensure the plume is steady state or shrinking						
Action Date:		12/12/2005				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation						
Action Date:		1/19/2006				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light						
Action Date:		3/31/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.						
Action Date:		4/3/2020				
Action:		Report or Workplan Review - Other				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.						
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		4/23/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC Contaminated Sites received and reviewed the responses to comments for the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted determinations to the ADEC-Spill and Response program which is conducting the lead oversight for the cleanup. ADEC participated in several technical planning and spill response coordination meetings during the months of March-May, 2019 with representatives from the USCG, EPA, and USACE.						
Action Date:		6/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.						
Action Date:		6/12/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.						
Action Date:		8/12/2008				
Action:		Site Visit				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site						
Action Date:		10/2/2008				
Action:		Report or Workplan Review - Other				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed an after action report for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. Approximately 8,400-tons of soil contaminated with Diesel and Residual Range Organics (DRO, RRO) was excavated and disposed off island. The site has a large area of contamination with a thick smear zone above and below the water table. The removal action was designed to remove the worst of the contamination with the budget available, but there is still a sizable area above method two ingestion levels. About 14,000-gallons of free phase product and oily water were pumped onto the contaminated soil stockpiles to filter out the viscous product. The leachate was then collected and transported to the Coast Guard Liquid Oil Waste Processing system. Contamination detections in groundwater have been noted in sentry wells below Table C values. Monitoring is ongoing to determine if the plume is stable or moving down gradient which is toward the Buskin River.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 7/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Historical Data Compilation and Data Gap Investigation Report and submitted review comments to the U.S. Army Corps of Engineers.

Action Date: 8/12/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.

Action Date: 8/20/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Action Date: 3/2/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a draft Feasibility Study (FS) for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The FS was based on a Treatability Investigation (TI) that tested the site geologic and hydrogeologic characteristics for the application of a variety of remedial alternatives. The FS evaluated those technologies that were shown to be the most practical. However, the EPA and DEC agree that there were flaws in a couple of the remedial alternatives presented in the TI and that these should be reevaluated in the next version of the FS

Action Date: 4/20/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 4/6/2000
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Interim Remedial Action Report November 1999. Groundwater was sampled in the existing monitoring wells. No levels over Table C were present in the three sentry wells at the southwest edge of the site. Free product still present in the plume center. Soil contamination was further characterized with test pits. Data gaps still present in soil to the west, groundwater to the southeast and west and the woodstave piping was not adequately investigated.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date: 5/10/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed and commented on a pilot study for the A-711 FUDS site on Kodiak Island. A chemical oxidation test with RegenOx will be performed this summer. A test site in a known plume of primarily DRO contamination (10,000 - 12,000 mg/kg) will be injected with reagent at two different grid spacings. The reagent will be injected twice about one month apart. Confirmation soil samples will be collected to statistically compare contaminant reduction. Groundwater will be monitoring to check for partitioning of contaminants to the aquifer

Action Date: 5/24/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections with a Corps of Engineers Pacific Ocean Division representative on Kodiak Island. Several Formerly Used Defense sites were toured by helicopter including Burma Road, Long Island, Buskin Lake, Cape Chiniak Tracking Station and Little Navy Annex

Action Date: 6/1/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in the USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 9/6/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a meeting on the COE workplan to utilize material from the ADA as a subbase for a Department of Transportation (DOT) paving project in Kodiak. Representatives from the DOT, COE, their contractor, Jacobs Engineering and ADEC were at the meeting. Synthetic leachate testing of the raw material showed results close to or below the action level of 1.5 mg/L DRO and 1.1 RRO. Testing of the 4% asphalt/soil mix will be performed throughout the job with a higher frequency of testing during the test strip of road to ensure adequate performance. In the case of a leachate test failure, procedures were discussed for more detailed sampling, or removal of the material from use in the road.

Action Date: 9/17/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed and commented on a draft Monitored Natural Attenuation (MNA) Evaluation for this site on Kodiak. Building A-711 has been used a vehicle maintenance facility for the DOT for a number of years. Heavy end petroleum contamination (Bunker C or FS-6) is present above and below the water table in an approximately four-foot smear zone. There is about 10-feet of clean overburden over most of the site. The impacted area is fairly large (about 200 x 300-feet and near the Buskin River. Sentry wells have detected very low concentrations of three or four PAHs. The combined concentrations are close to the surface water quality standard of 15 ug/L total aqueous hydrocarbons. Conditions for both aerobic and anaerobic bacterial growth was marginal to poor. The MNA evaluation concluded that attenuation would take on the order of several decades and should be considered only in conjunction with a more active remedial technology.

Action Date: 9/26/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting with the COE, Coast Guard and EPA on a monitored natural attenuation (MNA) evaluation for this site. MNA was determined to not be a practical remediation technique for this site. Heavy end petroleum (bunker C or FS-6) has impacted an approximate 4-foot smear zone above and below the water table over a large area (about 60,000 square feet), with 9-11-feet of clean overburden. A feasibility study will need to be the next step in the process to determine the preferred alternative.

Action Date: 8/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the responses to comments from the Army Corps of Engineers (USACE) for the draft 2019-20 Historical Data Compilation and Data Gap Investigation Report. ADEC submitted a summary of its review determinations, acceptance of responses to comments, and approval to finalize the report to USACE.

Action Date: 4/9/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the revised redline draft documents and additional responses to comments for the draft 2019 Building A-711 Data Gap Investigation Report and submitted approval to the Army Corps of Engineers to finalize the report.

Action Date: 7/28/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2021 Base Kodiak Monitoring Well Decommissioning Work Plan and submitted comments to the USCG.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date: 5/20/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Action Date: 9/13/2010
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

Contaminated sites staff reviewed and approved the May 2010 (QTR.1) Building A-711 Quarterly Monitoring Report. The groundwater monitoring activities are part of an ongoing remedial effort to evaluate the potential migration of non-aqueous phase liquids (NAPL). Laboratory analyses of groundwater samples indicated no analytes exceeding ADEC Table C allowable units. However, it was discovered that one monitoring well (last sampled in 2007 from which results indicated it was clean) contained NAPL and was not sampled during this event (along w/ the three other wells which previously were identified to contain NAPL). The next monitoring event is scheduled for the week of Sept. 20, 2010 and will include the installation of four new monitoring wells.

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 3/29/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2017 USCG Monitoring Well Decommissioning Report and submitted comments to the US Coast Guard. ADEC participated in responses to comments resolution of the report, as well as technical planning and coordination meetings between project team delivery team representatives from the USCG, USACE, and EPA to evaluate the site status and path forward with regard to ongoing potential impacts to site conditions resulting from recent changes to land use activities.

Action Date: 9/19/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 8/28/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received a Current Conditions Inspection Report from the Army Corps of Engineers that was dated August, 2018 for the site inspection and

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

conditions evaluation that was conducted by USACE in October, 2017. Primary objectives included establishing the status of the monitoring well network and evaluating site conditions and land use activities.

Action Date: 12/5/2002
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a scoping meeting for this site. The site has contamination over several thousand square feet in a smear zone extended about five-feet below the water table. The water table is believed to have been elevated because of extensive fill placement to expand a DOT gravel pad. Water is currently about 11-feet below grade. The contamination is thought to be FS-6, a heavy end fuel that was believed to be used in the former MA-6 UST for heating the building back in the 1950s and 1960s. The Buskin River is down gradient about 300-feet from the leading edge of the plume. The plume appears to be immobile. Just detectable PAHs have been inconsistently noted in one sentry well.

A natural attenuation investigation showed that attenuation is very slow. To attain cleanup levels would take well over 100 years. A feasibility study will be the next step in the process with a likely decision to do an eventual source removal excavation with monitoring in the mean time. Innovative technologies will be assessed in the FS, however with the Buskin River nearby, nothing that promotes contaminant mobilization can be used.

Action Date: 6/21/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 2/21/2007
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Pilot Study Report for the Building A-711 FUDS site on Kodiak. The test used a chemical oxygenate to attempt to break down petroleum hydrocarbons. Results indicated that the method won't be acceptable at this site. Down gradient wells showed increases of benzene and some metals. The application was causing unacceptable increases of dissolved contaminants of concern (COCs). The total oxygen demand of the system was also greater than anticipated, so the volume of oxygenate to be injected that would treat the site to cleanup levels would be cost prohibitive

Action Date: 3/5/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit

Action Date: 4/3/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The Corps of Engineers, their contractor, the US Coast Guard, EPA and the DEC participated. There had been discussion between the decision of dig and haul and leaving the contamination in place with long-term monitoring. All parties are in agreement that we will proceed with a dig and haul cleanup. We discussed logistical problems of dewatering, discharge water treatment system, handling saturated material, and physical constraints of the site for moving and storing material

Action Date: 8/19/2004
Action: Update or Other Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information						
Action Date:		12/22/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation						
Action Date:		9/25/2018				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.						
Action Date:		3/13/2019				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.						
Action Date:		4/1/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC completed its review of the draft 2019 Building A-711 Data Gap Remedial Investigation and Historical Data Compilation Work Plan and submitted comments to the Army Corps of Engineers. ADEC's review and comments on the draft RI work plan were also conducted in conjunction with its review of the 2017 Current Conditions Inspection Report (dated August, 2018) that was conducted internally by USACE.						
Action Date:		4/3/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted comments to the ADEC-Spill and Response program who is conducting the lead oversight for the cleanup.						
Action Date:		5/20/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a resolution project delivery team meeting with representatives from USACE, EPA, and the USCG for the draft 2019 Data Compilation and Supplemental RI Work Plan.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		5/22/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC completed its review of responses to comments from the Army Corps of Engineers for the draft 2019 Data Compilation and Supplemental RI Work Plan. ADEC submitted its review determinations along with approvals to finalize the work plan document in conjunction with resolved comments from the May 20, 2019 resolution meeting.						
Action Date:		8/20/2019				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.						
Action Date:		1/29/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.						
Action Date:		8/17/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		11/9/1995				
Action:		Site Added to Database				
DEC Staff:		Kent Patrick-Riley				
Description:						
Solvent and petroleum contamination.						
Action Date:		11/28/1995				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Kent Patrick-Riley				
Description:						
Initial ranking. Score = 50.						
Action Date:		12/21/1998				
Action:		Interim Removal Action Approved				
DEC Staff:		Jeff Brownlee				
Description:						
Interim Removal Action Approved this date.						
Action Date:		10/30/1999				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Test pit investigation during August 1999 discovered product below the water table over know plume area from the former Quartermaster gas station toward A-711. Planned IRA work suspended to rescope.						
Action Date:		5/15/2007				
Action:		Meeting or Teleconference Held				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff reviewed a work plan and participated in a scoping meeting for an interim removal action at the Building A-711 Formerly Used Defense Site (FUDS) in Kodiak. The removal will target the most concentrated area of a plume of heavy end free product petroleum. The product is mostly below the water table, so the contractor plans to excavate below water with a clam shell bucket. Due to site and budget constraints the excavation area will be limited to about 16,000 square feet. Removed soil will be stacked next to the excavation to allow soils to drain back into the excavation for a couple days before being stockpiled.				
Action Date:		3/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC reviewed the focused site investigation results of the Buskin River conducted in 2019 by NOAA along with their draft work plan to conduct demolition and cleanup of a dilapidated bridge of unknown origin that spans the outflow creek located downgradient of the Buskin River. ADEC submitted review determinations, comments, and tentative approvals to NOAA and the US Coast Guard.				
Action Date:		3/16/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill-Site 1, and Building A-711.				
<u>Containment Information</u>						
Name:		DRO				
Media:						
Level Description:		> Human Health/Ingestion/Inhalation				
Comments:						
<u>Control Information</u>						
Type:		Land Use Plan / Maps / Base Master Plan				
Details:		Site is included in the USCG Land Use Control Assurance Plan.				
<u>Requirements</u>						
Description:		Excavation / Soil Movement Restrictions				
Details:		Notification to ADEC and COE for soil excavation.				

16	2 of 2	N	0.19 / 1,006.60	66.57 / 3	USCG MA6 DOT Building A-711 Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	INST
Hazard ID:	2304					
Status:	Active					
File ID:	2601.38.043					
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov					
Latitude:	57.758651					
Longitude:	-152.514588					
Horizontal Datum:	WGS84					
Comments:						

Solvent from LUST contaminated soil and GW. Approximately 2-5,000 gallons DRO or FS-6 or Bunker C. Known subsurface and GW contamination within 200-feet of the Buskin River. 11/99 - Contamination was discovered below the water table during an investigation this summer. Planned IRA work was suspended to rescope. Sentinel Wells near the Buskin River sampled in October 1999. Last staff assigned was Patrick-Riley, Sundet, Horwath, Rutkowski, Seagren and Brownlee.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Information

Action Date: 9/17/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed and commented on a draft Monitored Natural Attenuation (MNA) Evaluation for this site on Kodiak. Building A-711 has been used a vehicle maintenance facility for the DOT for a number of years. Heavy end petroleum contamination (Bunker C or FS-6) is present above and below the water table in an approximately four-foot smear zone. There is about 10-feet of clean overburden over most of the site. The impacted area is fairly large (about 200 x 300-feet and near the Buskin River. Sentry wells have detected very low concentrations of three or four PAHs. The combined concentrations are close to the surface water quality standard of 15 ug/L total aqueous hydrocarbons. Conditions for both aerobic and anaerobic bacterial growth was marginal to poor. The MNA evaluation concluded that attenuation would take on the order of several decades and should be considered only in conjunction with a more active remedial technology.

Action Date: 9/26/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting with the COE, Coast Guard and EPA on a monitored natural attenuation (MNA) evaluation for this site. MNA was determined to not be a practical remediation technique for this site. Heavy end petroleum (bunker C or FS-6) has impacted an approximate 4-foot smear zone above and below the water table over a large area (about 60,000 square feet), with 9-11-feet of clean overburden. A feasibility study will need to be the next step in the process to determine the preferred alternative.

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 8/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the responses to comments from the Army Corps of Engineers (USACE) for the draft 2019-20 Historical Data Compilation and Data Gap Investigation Report. ADEC submitted a summary of its review determinations, acceptance of responses to comments, and approval to finalize the report to USACE.

Action Date: 4/9/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the revised redline draft documents and additional responses to comments for the draft 2019 Building A-711 Data Gap Investigation Report and submitted approval to the Army Corps of Engineers to finalize the report.

Action Date: 7/28/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2021 Base Kodiak Monitoring Well Decommissioning Work Plan and submitted comments to the USCG.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date: 12/5/2002
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a scoping meeting for this site. The site has contamination over several thousand square feet in a smear zone extended about five-feet below the water table. The water table is believed to have been elevated because of extensive fill placement to expand a DOT gravel pad. Water is currently about 11-feet below grade. The contamination is thought to be FS-6, a heavy end fuel that was believed to be used in the former MA-6 UST for heating the building back in the 1950s and 1960s. The Buskin River is down gradient about 300-feet from the leading edge of the plume. The plume appears to be immobile. Just detectable PAHs have been inconsistently noted in one sentry well.

A natural attenuation investigation showed that attenuation is very slow. To attain cleanup levels would take well over 100 years. A feasibility study will be the next step in the process with a likely decision to do an eventual source removal excavation with monitoring in the mean time. Innovative technologies will be assessed in the FS, however with the Buskin River nearby, nothing that promotes contaminant mobilization can be used.

Action Date: 6/21/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 8/19/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information.

Action Date: 5/20/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Action Date: 12/22/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	9/13/2010
Action:	Update or Other Action
DEC Staff:	Curtis Dunkin
Description:	

Contaminated sites staff reviewed and approved the May 2010 (QTR.1) Building A-711 Quarterly Monitoring Report. The groundwater monitoring activities are part of an ongoing remedial effort to evaluate the potential migration of non-aqueous phase liquids (NAPL). Laboratory analyses of groundwater samples indicated no analytes exceeding ADEC Table C allowable units. However, it was discovered that one monitoring well (last sampled in 2007 from which results indicated it was clean)contained NAPL and was not sampled during this event (along w/ the three other wells which previously were identified to contain NAPL).

The next monitoring event is scheduled for the week of Sept. 20, 2010 and will include the installation of four new monitoring wells.

Action Date:	9/22/2010
Action:	Site Visit
DEC Staff:	Curtis Dunkin
Description:	

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date:	3/29/2018
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC reviewed the draft 2017 USCG Monitoring Well Decommissioning Report and submitted comments to the US Coast Guard. ADEC participated in responses to comments resolution of the report, as well as technical planning and coordination meetings between project team delivery team representatives from the USCG, USACE, and EPA to evaluate the site status and path forward with regard to ongoing potential impacts to site conditions resulting from recent changes to land use activities.

Action Date:	8/28/2018
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC received a Current Conditions Inspection Report from the Army Corps of Engineers that was dated August, 2018 for the site inspection and conditions evaluation that was conducted by USACE in October, 2017. Primary objectives included establishing the status of the monitoring well network and evaluating site conditions and land use activities.

Action Date:	1/12/2005
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in a meeting with the Coast Guard, EPA, Corps of Engineers and contractors to discuss remedial investigations at two Formerly Used Defense Sites on Kodiak. The Fire Training Pit and Building A-711 both have large contaminant masses at the smear zone and are near the Buskin River, a major salmon stream on the island. The 2004 remedial investigations at both sites filled in several data gaps. A list of remedial alternatives was discussed for inclusion in the upcoming Feasibility Studies. The cleanup team decided that a treatability study would be useful to gauge the biological response and area of influence to additives to supplement attenuation. The treatability study is planned for the summer of 2005

Action Date:	6/17/2005
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.

Action Date:	8/30/2005
Action:	Update or Other Action
DEC Staff:	Jeff Brownlee
Description:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date: 12/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation

Action Date: 1/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light

Action Date: 3/2/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a draft Feasibility Study (FS) for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The FS was based on a Treatability Investigation (TI) that tested the site geologic and hydrogeologic characteristics for the application of a variety of remedial alternatives. The FS evaluated those technologies that were shown to be the most practical. However, the EPA and DEC agree that there were flaws in a couple of the remedial alternatives presented in the TI and that these should be reevaluated in the next version of the FS

Action Date: 4/20/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation

Action Date: 5/10/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed and commented on a pilot study for the A-711 FUDS site on Kodiak Island. A chemical oxidation test with RegenOx will be performed this summer. A test site in a known plume of primarily DRO contamination (10,000 - 12,000 mg/kg) will be injected with reagent at two different grid spacings. The reagent will be injected twice about one month apart. Confirmation soil samples will be collected to statistically compare contaminant reduction. Groundwater will be monitoring to check for partitioning of contaminants to the aquifer

Action Date: 5/24/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections with a Corps of Engineers Pacific Ocean Division representative on Kodiak Island. Several Formerly Used Defense sites were toured by helicopter including Burma Road, Long Island, Buskin Lake, Cape Chiniak Tracking Station and Little Navy Annex

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Action Date: 6/1/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in the USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 9/19/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 2/21/2007
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Pilot Study Report for the Building A-711 FUDS site on Kodiak. The test used a chemical oxygenate to attempt to break down petroleum hydrocarbons. Results indicated that the method won't be acceptable at this site. Down gradient wells showed increases of benzene and some metals. The application was causing unacceptable increases of dissolved contaminants of concern (COCs). The total oxygen demand of the system was also greater than anticipated, so the volume of oxygenate to be injected that would treat the site to cleanup levels would be cost prohibitive

Action Date: 3/5/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Action Date: 4/3/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The Corps of Engineers, their contractor, the US Coast Guard, EPA and the DEC participated. There had been discussion between the decision of dig and haul and leaving the contamination in place with long-term monitoring. All parties are in agreement that we will proceed with a dig and haul cleanup. We discussed logistical problems of dewatering, discharge water treatment system, handling saturated material, and physical constraints of the site for moving and storing material

Action Date: 9/25/2018
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.

Action Date: 3/13/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Action Date: 4/1/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC completed its review of the draft 2019 Building A-711 Data Gap Remedial Investigation and Historical Data Compilation Work Plan and submitted comments to the Army Corps of Engineers. ADEC's review and comments on the draft RI work plan were also conducted in conjunction with its review of the 2017 Current Conditions Inspection Report (dated August, 2018) that was conducted internally by USACE.

Action Date: 4/3/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted comments to the ADEC-Spill and Response program who is conducting the lead oversight for the cleanup.

Action Date: 5/20/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a resolution project delivery team meeting with representatives from USACE, EPA, and the USCG for the draft 2019 Data Compilation and Supplemental RI Work Plan.

Action Date: 5/22/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC completed its review of responses to comments from the Army Corps of Engineers for the draft 2019 Data Compilation and Supplemental RI Work Plan. ADEC submitted its review determinations along with approvals to finalize the work plan document in conjunction with resolved comments from the May 20, 2019 resolution meeting.

Action Date: 8/20/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.						
Action Date:		1/29/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.						
Action Date:		3/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the focused site investigation results of the Buskin River conducted in 2019 by NOAA along with their draft work plan to conduct demolition and cleanup of a dilapidated bridge of unknown origin that spans the outflow creek located downgradient of the Buskin River. ADEC submitted review determinations, comments, and tentative approvals to NOAA and the US Coast Guard.						
Action Date:		3/16/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill-Site 1, and Building A-711.						
Action Date:		8/17/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		11/9/1995				
Action:		Site Added to Database				
DEC Staff:		Kent Patrick-Riley				
Description:						
Solvent and petroleum contamination.						
Action Date:		11/28/1995				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Kent Patrick-Riley				
Description:						
Initial ranking. Score = 50.						
Action Date:		12/21/1998				
Action:		Interim Removal Action Approved				
DEC Staff:		Jeff Brownlee				
Description:						
Interim Removal Action Approved this date.						
Action Date:		10/30/1999				
Action:		Update or Other Action				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff: Jeff Brownlee
Description:

Test pit investigation during August 1999 discovered product below the water table over know plume area from the former Quartermaster gas station toward A-711. Planned IRA work suspended to rescope.

Action Date: 5/15/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a work plan and participated in a scoping meeting for an interim removal action at the Building A-711 Formerly Used Defense Site (FUDS) in Kodiak. The removal will target the most concentrated area of a plume of heavy end free product petroleum. The product is mostly below the water table, so the contractor plans to excavate below water with a clam shell bucket. Due to site and budget constraints the excavation area will be limited to about 16,000 square feet. Removed soil will be stacked next to the excavation to allow soils to drain back into the excavation for a couple days before being stockpiled.

Action Date: 6/14/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date: 11/2/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects

Action Date: 3/26/2008
Action: Exposure Tracking Model Ranking
DEC Staff: Jeff Brownlee
Description:

Initial ranking with ETM completed.

Action Date: 4/2/2008
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an update meeting for the Formerly Used Defense Sites on Kodiak Island. The Fire Training Pit, Drury Gulch, and Buskin Beach sites will be undergoing active remediation this summer. Environmental investigations will be performed at Building A-711, Buskin Beach and the Fire Training Pit. Proposed Plans are being produced this summer for Building A-711, Fire Training Pit, Asphalt Disposal Area and Buskin Beach and a closure report for an Underground Storage Tank cleanup at Bruhn Point. The spring open house and assembly meeting will be the end of May or early June

Action Date: 7/17/2008
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Site staff reviewed and commented on a Proposed Plan for the Building A-711 FUDS on Kodiak Island. The site is proposed for Long-term Monitoring and ICs. The site has heavy end petroleum contamination below the water table over ingestion levels under ten plus feet of overburden.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Monitoring will be designed to ensure the plume is steady state or shrinking						
Action Date:	3/31/2020					
Action:	Report or Workplan Review - Other					
DEC Staff:	Curtis Dunkin					
Description:	ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.					
Action Date:	4/3/2020					
Action:	Report or Workplan Review - Other					
DEC Staff:	Curtis Dunkin					
Description:	ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.					
Action Date:	4/15/2020					
Action:	Meeting or Teleconference Held					
DEC Staff:	Curtis Dunkin					
Description:	ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.					
Action Date:	4/23/2020					
Action:	Report or Workplan Review - Other					
DEC Staff:	Curtis Dunkin					
Description:	ADEC Contaminated Sites received and reviewed the responses to comments for the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted determinations to the ADEC-Spill and Response program which is conducting the lead oversight for the cleanup. ADEC participated in several technical planning and spill response coordination meetings during the months of March-May, 2019 with representatives from the USCG, EPA, and USACE.					
Action Date:	6/4/2020					
Action:	Report or Workplan Review - Other					
DEC Staff:	Curtis Dunkin					
Description:	ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.					
Action Date:	6/12/2020					
Action:	Report or Workplan Review - Other					
DEC Staff:	Curtis Dunkin					
Description:	ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.					
Action Date:	7/16/2020					
Action:	Report or Workplan Review - Other					
DEC Staff:	Curtis Dunkin					
Description:	ADEC reviewed the draft 2020 Historical Data Compilation and Data Gap Investigation Report and submitted review comments to the U.S. Army Corps of Engineers.					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	8/12/2020
Action:	Meeting or Teleconference Held
DEC Staff:	Curtis Dunkin
Description:	

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.

Action Date:	8/20/2020
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Action Date:	4/6/2000
Action:	Update or Other Action
DEC Staff:	Jeff Brownlee
Description:	

Interim Remedial Action Report November 1999. Groundwater was sampled in the existing monitoring wells. No levels over Table C were present in the three sentry wells at the southwest edge of the site. Free product still present in the plume center. Soil contamination was further characterized with test pits. Data gaps still present in soil to the west, groundwater to the southeast and west and the woodstave piping was not adequately investigated.

Action Date:	12/20/2000
Action:	Site Number Identifier Changed
DEC Staff:	No Longer Assigned
Description:	

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date:	9/6/2001
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Staff participated in a meeting on the COE workplan to utilize material from the ADA as a subbase for a Department of Transportation (DOT) paving project in Kodiak. Representatives from the DOT, COE, their contractor, Jacobs Engineering and ADEC were at the meeting. Synthetic leachate testing of the raw material showed results close to or below the action level of 1.5 mg/L DRO and 1.1 RRO. Testing of the 4% asphalt/soil mix will be performed throughout the job with a higher frequency of testing during the test strip of road to ensure adequate performance. In the case of a leachate test failure, procedures were discussed for more detailed sampling, or removal of the material from use in the road.

Action Date:	8/12/2008
Action:	Site Visit
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site

Action Date:	10/2/2008
Action:	Report or Workplan Review - Other
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff reviewed an after action report for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. Approximately 8,400-tons of soil contaminated with Diesel and Residual Range Organics (DRO, RRO) was excavated and disposed off island. The site has a large area of contamination with a thick smear zone above and below the water table. The removal action was designed to remove the worst of the

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

contamination with the budget available, but there is still a sizable area above method two ingestion levels. About 14,000-gallons of free phase product and oily water were pumped onto the contaminated soil stockpiles to filter out the viscous product. The leachate was then collected and transported to the Coast Guard Liquid Oil Waste Processing system. Contamination detections in groundwater have been noted in sentry wells below Table C values. Monitoring is ongoing to determine if the plume is stable or moving down gradient which is toward the Buskin River.

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Containment Information

Name: DRO
Media:
Level Description: > Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site is included in the USCG Land Use Control Assurance Plan.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Notification to ADEC and COE for soil excavation.

17

1 of 1

NNW

0.20 /
1,033.30

67.79 /
4

USCG Kodiak Site 14 Qtrmstr.
MA7-8
Tom Stiles and Anton, Larson Bay
Roads, Kodiak, AK 99619
AK

SHWS

Hazard ID: 497
Status: Cleanup Complete
File ID: 2601.38.023
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.788138
Longitude: -152.402178
Horizontal Datum: NAD83

GRO, DRO contamination found in soils. Halogenated organics and POLs in GW. Last staff assigned were Patrick-Riley and Sundet.

Action Information

Action Date: 9/15/1991
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Draft CMS/RFI work plan submitted.

Action Date: 6/19/1995
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

USCG submits RFI Report and quarterly monitoring results, rounds 1 and 2.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		6/19/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits Interim Measures Work Plan.						
Action Date:		7/18/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
EPA approves RFI report dated 6 March 95 by HLA.						
Action Date:		7/21/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
EPA approves Interim Measure Work Plan.						
Action Date:		8/11/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG requests approval to stockpile contaminated soils generated from UST removal in bio-cell.						
Action Date:		8/15/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Remedial action underway.						
Action Date:		8/17/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		8/25/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits Round 3 Quarterly Monitoring results.						
Action Date:		9/18/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		11/9/1995				
Action:		Site Added to Database				
DEC Staff:		Kent Patrick-Riley				
Description:						
GRO, DRO, halogenated organics, and POL contamination.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 11/17/1995
Action: Cleanup Plan Approved
DEC Staff: Kent Patrick-Riley
Description:

ADEC conditional approval for Nyman's Peninsula Biocell.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking.

Action Date: 4/4/1996
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

USCG submits Final Interim Measures report, dated March 96.

Action Date: 6/11/1996
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

USCG trip report on PRC visit to facility.

Action Date: 6/21/1996
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

ADEC letter expressing concerns and request for plan to address contamination.

Action Date: 10/10/1997
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

USCG submits Draft Groundwater Monitoring Report.

Action Date: 11/30/2000
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

EPA issues site closure through Class 3 RCRA Permit Modification.

Action Date: 2/27/2001
Action: Site Ranked Using the AHRM
DEC Staff: Donald Seagren
Description:

Corrections made to original ranking based on subsequent investigations and reports to more accurately reflect actual site conditions.

Action Date: 8/10/2001
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site closure approved with the contamination coming to the site from an upgradient source to be cleaned up under Site 34. Site 34 is a FUDS, with Jeff Brownlee as Project Manager.

Action Date: 6/16/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

18	1 of 4	NNW	0.20 / 1,066.59	68.03 / 4	ALASKA DOT & PF KODIAK M&O FAC 1500 ANTON LARSEN RD KODIAK AK 99615	RCRA VSQG

EPA Handler ID: AKD983074998
Gen Status Universe: VSG
Contact Name: ROBERT M GREENE
Contact Address: 1500 , ANTON LARSEN RD , , KODIAK , AK, 99615 , US
Contact Phone No and Ext: 907-487-4952
Contact Email: ROBERT.GREENE@ALASKA.GOV
Contact Country: US
County Name: KODIAK ISLAND
EPA Region: 10
Land Type: State
Receive Date: 20110607
Location Latitude: 57.764823
Location Longitude: -152.519729

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jun, 2021.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20120323
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20120411

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Responsible Agency:	EPA

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	20120323
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	EPA
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19920710
Scheduled Compliance Date:	
Return to Compliance:	Observed
Actual Return to Compl:	19921013
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19921120
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19920710
Scheduled Compliance Date:	
Return to Compliance:	Observed
Actual Return to Compl:	19931230
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19921120
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Evaluation Details

Evaluation Start Date: 20110531
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20120411
Evaluation Agency: EPA

Evaluation Start Date: 19990701
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19931230
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920710
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19911120
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19921013
Evaluation Agency: State

Evaluation Start Date: 19911120
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19931230
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: Yes
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920721
Handler Name: ALASKA DOT & PF KODIAK M&O FAC
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990806
Handler Name: ALASKA DOT & PF KODIAK M&O FAC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Notification

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20110607
Handler Name: ALASKA DOT & PF KODIAK M&O FAC
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator Type: State Name: AK DOT & PF Date Became Current: 19710810 Date Ended Current: Phone: Source Type: Notification	Street No: Street 1: Street 2: City: State: Country: US Zip Code:
Owner/Operator Ind: Current Owner Type: Federal Name: US COAST GUARD Date Became Current: 19730810 Date Ended Current: Phone: Source Type: Notification	Street No: Street 1: 4111 AVIATION AVE Street 2: City: ANCHORAGE State: AK Country: US Zip Code: 99615
Owner/Operator Ind: Current Owner Type: State Name: AK DOT & PF Date Became Current: Date Ended Current: Phone: 907-269-0765 Source Type: Notification	Street No: Street 1: 4111 AVIATION AVE Street 2: City: ANCHORAGE State: AK Country: Zip Code: 99519-6900

Historical Handler Details

Receive Dt: 19990806
Generator Code Description: Not a Generator, Verified
Handler Name: ALASKA DOT & PF KODIAK M&O FAC

Receive Dt: 19920721
Generator Code Description: Very Small Quantity Generator
Handler Name: ALASKA DOT & PF KODIAK M&O FAC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	2 of 4	NNW	0.20 / 1,066.59	68.03 / 4	ADOT&PF Airport Maintenance Shop-Kodiak 1500 Anton Larsen Road, Kodiak, AK 99615 AK	SHWS

Hazard ID: 4337
Status: Cleanup Complete
File ID: 2601.38.102
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.757778
Longitude: -152.515
Horizontal Datum: NAD83

During an inspection on November 19, 1991, 85 barrels of RC 800 asphalt, which approximately 20 barrels were rusted and leaking product onto the ground. Approximate area contaminated 100' X 50', and sample tested 4.5 ppm benzene.

Action Information

Action Date: 12/29/2006
Action: Site Ranked Using the AHRM
DEC Staff: Alyce Hughey
Description:

Site ranked using the AHRM.

Action Date: 12/29/2006
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.38.102 was assigned and entered into the Fileroom Database, and Contaminated Sites Database.

Action Date: 12/29/2006
Action: GIS Position Updated
DEC Staff: Alyce Hughey
Description:

Using the map in the Remediation Work Plan, Kodiak Department of Transportation, in conjunction with TopoZone Pro, entered the coordinates for this site. Metadata includes USGS Topo Map Automatic Selection, TopoZone Pro Street Maps, on a Medium Size Map, View Scale 1:25,000, Coordinate Datum NAD83. High degree of confidence in accuracy of location.

Action Date: 12/29/2006
Action: Site Added to Database
DEC Staff: Alyce Hughey
Description:

Site added to the database.

Action Date: 1/10/2007
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

This release was related to a 91 HW program inspection where 3 areas of concern were observed. They were: dried yellow and white road paint behind the shop; used oil in the waste oil tank; and leaking drums of RC 800 asphalt cutback. During the 92/93 time frame, the dried road paint was picked up and disposed of in the Kodiak landfill. The used oil in the waste oil tank was burned for energy recovery. The leaking drum was segregated. Those not, leaking were re-stacked and covered for protection until used. The leaking drums were pumped into a tanker truck for later use. The drums were air dried, cut up and crushed and disposed of in the Kodiak landfill. The contaminated soil was removed and replaced with clean gravel. The contaminated soil was re-cycled into improvements to the airport tie down area. No contamination issue remains. Site closure approved.

Action Date: 4/6/2007
Action: Exposure Tracking Model Ranking

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff:
Description:

Initial Ranking Complete for Source Area: 75317 (Autogenerated Action)

Action Date: 6/10/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Site transferred from Don Seagren to Linda Nuechterlein per Linda Nuechterlein.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

18	3 of 4	NNW	0.20 / 1,066.59	68.03 / 4	Kodiak State Airport 1500 Anton Larsen RD Kodiak AK 99615	UST

Facility ID: 633
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID: 2
Owner Tank ID: 2
Compliance Tag No:
Closure Status: Not Listed
Regulated Tank: Yes
Product: Diesel
Capacity: 25000 gallons
Age: 81.5
Date Installed: 2/11/1940
Next Inspection Due: No Date Available
Status: Permanently Out of Use
LD Other Methods:

Tank Mat Constr: Concrete
Pipe Mat Constr: Galvanized Steel
Piping Type: Not Listed
Scndry Cont Opt (Tk): None
Scndry Cont Opt (Pp): None
Piping Rel Detect: Not Listed
Tank Rel Det: Not Listed
Spill Prevent Met: No
Overfill Prevent Met: No
Cathodic Protect Met: No

DEC Tank ID: 6
Owner Tank ID: 6
Compliance Tag No:
Closure Status: Not Listed
Regulated Tank: Yes
Product: Gasoline
Capacity: 25000 gallons
Age: 81.5
Date Installed: 2/11/1940

Tank Mat Constr: Asphalt Coated or Bare Steel
Pipe Mat Constr: Galvanized Steel
Piping Type: Not Listed
Scndry Cont Opt (Tk): None
Scndry Cont Opt (Pp): None
Piping Rel Detect: Not Listed
Tank Rel Det: Not Listed
Spill Prevent Met: No
Overfill Prevent Met: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	5				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	5				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	7				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	7				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	3				Tank Mat Constr:	Concrete
Owner Tank ID:	3				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	4				Tank Mat Constr:	Concrete
Owner Tank ID:	4				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	8				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	8				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Tank ID:	1				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Used Oil				Piping Rel Detect:	Not Listed
Capacity:	1500 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
Owner Detail(s)						
Site Name:	Kodiak State Airport			Owner ID:	2259	
Location:	1500 Anton Larsen RD			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner 1:	ADOT&PF	
Owner Address:	PO Box 112500 MS-2500 Juneau, AK 99801					
Tank and Owner Detail(s)						
Tank ID:	3			Owner ID:	2259	
Tank Capacity:	25000			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner Address:	PO Box 112500 MS-2500	
Tank Status Desc:	Permanently Out of Use			Owner City:	Juneau	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99801	
Date Installed:	2/11/1940					
Tank ID:	4			Owner ID:	2259	
Tank Capacity:	25000			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner Address:	PO Box 112500 MS-2500	
Tank Status Desc:	Permanently Out of Use			Owner City:	Juneau	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99801	
Date Installed:	2/11/1940					
Tank ID:	5			Owner ID:	2259	
Tank Capacity:	25000			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner Address:	PO Box 112500 MS-2500	
Tank Status Desc:	Permanently Out of Use			Owner City:	Juneau	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99801	
Date Installed:	2/11/1940					
Tank ID:	7			Owner ID:	2259	
Tank Capacity:	5000			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner Address:	PO Box 112500 MS-2500	
Tank Status Desc:	Permanently Out of Use			Owner City:	Juneau	
Substance:	Diesel			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99801	
Date Installed:	2/11/1940					
Tank ID:	1			Owner ID:	2259	
Tank Capacity:	1500			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner Address:	PO Box 112500 MS-2500	
Tank Status Desc:	Permanently Out of Use			Owner City:	Juneau	
Substance:	Used Oil			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99801	
Date Installed:	2/11/1940					
Tank ID:	8			Owner ID:	2259	
Tank Capacity:	5000			Owner Name:	ADOT&PF	
Facility Type:	Unknown			Owner Address:	PO Box 112500 MS-2500	
Tank Status Desc:	Permanently Out of Use			Owner City:	Juneau	
Substance:	Diesel			Owner State:	AK	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regulated:	Yes				Owner Zip:	99801
Date Installed:	2/11/1940					
Tank ID:	2				Owner ID:	2259
Tank Capacity:	25000				Owner Name:	ADOT&PF
Facility Type:	Unknown				Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use				Owner City:	Juneau
Substance:	Diesel				Owner State:	AK
Regulated:	Yes				Owner Zip:	99801
Date Installed:	2/11/1940					
Tank ID:	6				Owner ID:	2259
Tank Capacity:	25000				Owner Name:	ADOT&PF
Facility Type:	Unknown				Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use				Owner City:	Juneau
Substance:	Gasoline				Owner State:	AK
Regulated:	Yes				Owner Zip:	99801
Date Installed:	2/11/1940					

[18](#)

4 of 4

NNW

0.20 /
1,066.59

68.03 /
4

Kodiak DOT&PF Maintenance
Station
1500 Anton Larsen Road
Kodiak AK

 TANK

No of Tanks (Map):
Owner Type:
Dt Last Inspct(Map):
Dt Last Modify(Map):
Fuel Delivry Method:
Diesel Capcty (Map):
Gas Capacity (Map):
AV Gas Capcty(Map):
Other Capcty(Map):
Total Capcty (Map):
AEA Tank Farm ID:

Score:

Report:

Data Source (Map):

Facility ID(web):

420

Locat of Tanks(web):

No of Tanks (web):

2

Tank Category(web):

Transportation_(2)

Total Capacity (web):

5000

Gas Capacity (web):

Diesel Cap(web):

5000

AV Gas Cap (web):

Jet Fuel Cap(web):

Othr FI Cap(web):

Comments (web):

Dt Last Inspct(web):

Last Visited Survey(web):

Facility State(web):

Alaska

Postal Code(web):

99615

Facility Longitude(web):

-152.515949

Facility Latitude(web):

57.759841

X (web):

-152.51580810546875

Y (web):

57.7598876953125

Tank Farm Evaluation ID (Map):

Tank Farm Evaluation ID (web):

Tank Operator Information:

Data Source Link (Map):

Community ID:

Excel ID:

Description of Tank(web):

Contact of Owner:

Fuel Supplier (Map):

Recommendation (If
applicable):

Distnc to Barge(Ft):

AEA Community ID:

Tank Farm ID (Map):

Evaluator Name:

Site Point:

Diking Points:

Foundation Points:

Tank Points:

Piping Points:

Electrical Points:

LHS Points:

Total Points:

Point X:

Point Y:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comments (Map): Data Source(s): DCRA's Bulk Fuel Inventory in Alaska (Web) Description of Tank (Map): Delivery Method (Web): Facilityowner Phone: 907-487-4952 Operator: Todd Dorman Operator Phonenumber: 907-487-2611 Operator Email: todd.dorman@alaska.gov Fuel Supplier (Web): Recommendations By Aea: Distance to Barge Mooring: Tank Operator Info: Delivery Methods: Date Last Modified: Primaryfacilityrepresentative: Todd Dorman Tank Farm ID (Web): Evaluator: Data Source (Web): DEC Report: Data Source Link (Web): Primaryfacilityrep Phonenumber: 907-487-2611 Primaryfacilityrep Email: todd.dorman@alaska.gov Landowner: Stan Skaw Landowner Phonenumber: 907-487-5192 Landowner Email: stan.r.skaw@uscg.mil Facilityowner: Rob Greene Facilityowner Email: robert.greene@alaska.gov						

19	1 of 1	NW	0.22 / 1,155.52	68.77 / 5	ADOTPF - Kodiak Maintenance Shop 1500 Anton Larsen Bay Rd Kodiak AK 99615	UST
Facility ID: 479 Facility Type: Unknown Latitude: 57.759878 Longitude: -152.515858						

Tank Detail(s)

DEC Tank ID: 2 Owner Tank ID: 156-1-D Compliance Tag No: Closure Status: Not Available Regulated Tank: No Product: Diesel Capacity: 5000 gallons Age: 49.4 Date Installed: 3/15/1972 Next Inspection Due: No Date Available Status: Temporarily Out of Use LD Other Methods:	Tank Mat Constr: Asphalt Coated or Bare Steel Pipe Mat Constr: Other Piping Type: Not Listed Scndry Cont Opt (Tk): None Scndry Cont Opt (Pp): None Piping Rel Detect: Not Listed Tank Rel Det: Not Listed Spill Prevent Met: No Overfill Prevent Met: No Cathodic Protect Met: No
DEC Tank ID: 1 Owner Tank ID: 156-3G Compliance Tag No: Closure Status: Tank removed from ground Regulated Tank: Yes Product: Gasoline Capacity: 1000 gallons Age: 19.5 Date Installed: 4/29/1978 Next Inspection Due: No Date Available Status: Permanently Out of Use Closed on 10/15/1997	Tank Mat Constr: Unknown Pipe Mat Constr: Unknown Piping Type: Not Listed Scndry Cont Opt (Tk): None Scndry Cont Opt (Pp): None Piping Rel Detect: Not Listed Tank Rel Det: Not Listed Spill Prevent Met: No Overfill Prevent Met: No Cathodic Protect Met: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LD Other Methods:

DEC Tank ID:	3	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	156-2-G	Pipe Mat Constr:	Other
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Available	Scndry Cont Opt (Tk):	None
Regulated Tank:	No	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	5000 gallons	Tank Rel Det:	Not Listed
Age:	49.4	Spill Prevent Met:	No
Date Installed:	3/15/1972	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Temporarily Out of Use		
LD Other Methods:			

Owner Detail(s)

Site Name:	ADOTPF - Kodiak Maintenance Shop	Owner ID:	2259
Location:	1500 Anton Larsen Bay Rd	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner 1:	ADOT&PF
Owner Address:	PO Box 112500 MS-2500 Juneau, AK 99801		

Tank and Owner Detail(s)

Tank ID:	2	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Temporarily Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	No	Owner Zip:	99801
Date Installed:	3/15/1972		
Tank ID:	1	Owner ID:	2259
Tank Capacity:	1000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	4/29/1978		
Tank ID:	3	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Temporarily Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	No	Owner Zip:	99801
Date Installed:	3/15/1972		

20	1 of 1	NNE	0.25 / 1,293.62	62.18 / -1	AVIS Rent A Car 5152 Tom Stiles Rd Kodiak AK 99615	UST

Facility ID:	469
Facility Type:	Unknown
Latitude:	
Longitude:	

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Capacity:	500 gallons				Tank Rel Det:	Not Listed
Age:	13.7				Spill Prevent Met:	No
Date Installed:	2/24/1985				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 10/22/1998					
LD Other Methods:						

Owner Detail(s)

Site Name:	AVIS Rent A Car	Owner ID:	72
Location:	5152 Tom Stiles Rd	Owner Name:	Alaska Rent A Car, Inc.
Facility Type:	Unknown	Owner 1:	Alaska Rent A Car, Inc.
Owner Address:	PO Box 190028 Dr Anchorage, AK 99519		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	72
Tank Capacity:	500	Owner Name:	Alaska Rent A Car, Inc.
Facility Type:	Unknown	Owner Address:	PO Box 190028 Dr
Tank Status Desc:	Permanently Out of Use	Owner City:	Anchorage
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99519
Date Installed:	2/24/1985		

21	1 of 1	SE	0.35 / 1,822.54	76.67 / 13	ADOT&PF Kodiak Airport Chemical Storage Building Kodiak Airport; Adjacent to Taxiway and Dolphin Avenue, Kodiak, AK 99615 AK	SHWS

Hazard ID:	25579	Latitude:	57.748991
Status:	Active	Longitude:	-152.494671
File ID:	2601.38.112	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

In 2010, during the construction of the Chemical Storage Building, petroleum-impacted soil was encountered off the SW corner. Some contaminated soil was excavated and removed from site. Confirmation Soil samples collected from the excavation contained DRO up to 4,420 mg/kg. The source of contamination is unknown.

Action Information

Action Date:	11/22/2010
Action:	Site Added to Database
DEC Staff:	Mitzi Read
Description:	

A new site has been added to the database

Action Date:	11/22/2010
Action:	Exposure Tracking Model Ranking
DEC Staff:	Grant Lidren
Description:	

Initial ranking with ETM completed for source area id: 78977 name: Historic Petroleum - Unknown Source

Action Date:	12/1/2010
Action:	Offsite Soil or Groundwater Disposal Approved
DEC Staff:	Bill Petrik
Description:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

In the absence of Grant Lidren, project manager for the site, to expedite the transport of a 70 c.y. contaminated soil stockpile, reviewed the TestAmerica lab analytical results for 8 samples that were analytzed for GRO, DRO, RRO, PAHs, VOCs (including BTEX), and TLCP Metals. Only DRO exceeded the migration to GW cleanup levels but were below the ingestion/dermal contact cleanup levels. As a result, processed a "Contaminated Soil Transport and Treatment Approval Form" to move the 70 c.y. from adjacent to the excavation to a co-mingled stockpile of like contaminated soils at Pad 172 for later treatment.

Action Date: 7/26/2011
Action: Report or Workplan Review - Other
DEC Staff: Grant Lidren
Description:

On this date, ADEC reviewed Kodiak Chemical Storage Facility Contaminated Soils Report, submitted by EMI, dated December 20, 2010. During construction of a new Chemical Storage Building, EMI was contracted to evaluate contamination discovered off the SW corner of the building footprint. Based off screening and visual/ olfactory senses, 70 cy of contaminated soil was removed plus 15 cy of clean material from an excavation 28' by 28' by 3'. The 15 cy stockpile of clean soil was added to a previous 750 cy stockpile of clean soil from the building footprint and transported offsite. Three soil samples collected from the 70 cy contaminated stockpile contained DRO up to 3,840 mg/kg. The contaminated 70 cy stockpile was hauled offsite to a landfarm operated by the US Coast Guard and comingled with other soils and land farmed. Four confirmation soil samples collected from the sidewalls and the base of the excavation contained DRO up to 4,420 mg/kg. To evaluate potential vertical extent of contamination a test pit was excavated from the highest screened location. At 10 ft. bgs, a faint odor and a screening level of 2.7 ppm was observed. Additionally, to evaluate potential contamination within the building footprint, 38 screening samples collected contained 0.0 ppm w/ no olfactory or visual presence of contamination.

Action Date: 8/24/2011
Action: Potentially Responsible Party/State Interest Letter
DEC Staff: Grant Lidren
Description:

On this date, ADEC sent a letter to the RP, USCG, notifying them that the management of the site has been transferred to the ADEC Federal Facilities Environmental Restoration Program.

Action Date: 9/15/2016
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.

Action Date: 6/24/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the scoping letter and preliminary project drawings for the Kodiak Airport Rehabilitation Project and submitted general review comments to the Alaska Department of Transportation and Public Facilities.

Action Date: 7/29/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the revised draft 2021 Kodiak Airport Perimeter Fence Project Environmental Management Plan and submitted review comments to the ADOT&PF and USCG.

22	1 of 1	SSW	0.42 / 2,193.94	122.04 / 58	BUSKIN BCH-KODIAK ISL KODIAK ISLAND AK	FUDS
FUDS Property No:		F10AK0902				
EMS Map Link:		https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=62175				
FUDS INST ID:		AK09799F710200				
Status:						
SDS ID:						
NPL Status Code:		Not on the NPL				
Eligibility:		Eligible				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Eligib: Current Owner: Has Project: Yes DOD FUDS Pro: Project Required: Yes No Further Action: Congressional District: 00 EPA Region: 10 County: KODIAK ISLAND BOROUGH Latitude: 57.747529 Longitude: -152.517857 Fiscal year: 2019 USACE Division: POD USACE District: Alaska District (POA) Shape Area: .00150309 Shape Len: .34745875 Centroid Latitude: Centroid Longitude: Media ID: Metadata ID: Feature Desc: Property History: The Buskin Beach site was acquired in 1939 for the Department of the Navy by Executive Order 8278. Buskin Beach was the site of Fort Greely until 1952. Buskin Beach was transferred to the Bureau of Land Management (BLM) in 1975 for selection by Native co						

23	1 of 1	N	0.43 / 2,259.52	63.12 / 0	Kodiak Old Navy Landfill Kodiak AK	SWF/LF
Site ID: 2013 Latitude: 57.762092 Longitude: -152.514031						

ADEC - SWIMIS

No:		Expire Date:	
Status:	Retired	Manager:	Carrie Hallinan
Permit Status:		City:	UNKNOWN
Category:	Municipal	Zip:	
Classification:	Class I Landfill	Address 2:	
Issue Date:			
Mrts:			
Address 1:			

ADEC Open Data - Solid Waste Sites

Auth No:		Email:	
Site Status:	Retired	City:	UNKNOWN
Classification:	Class I Landfill	State:	ALASKA
Permit Status:		Zip Code:	
Employee:	Carrie Hallinan	X:	-152.514010089537
Phone Work:		Y:	57.7620904603434
Organization:	?		
Address 1:			
Address 2:			
SWIMS Link:	http://dec.alaska.gov/Applications/EH/SWIMS/ModFacility.aspx?siteId=2013		

24	1 of 3	NNW	0.47 / 2,478.07	62.45 / -1	USCG - Navy Landfill/Red Lk. Site 2 Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	SHWS
Hazard ID:	527	Latitude:	57.762643			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status:	Active	Longitude:	-152.515663
File ID:	2601.38.072	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Chlorinated solvents in Red Lake leachate. The lake and leachate attenuated to below cleanup levels in the late 1980's. The lake and effluent currently exceeds the water quality criteria for iron and manganese. There is a red precipitate on the substrate that is unsightly most likely from the iron precipitating out of solution (2006). (11/99) Chlorinated solvents are no longer an issue at the site. The effluent from Red Lake and nearby monitoring wells exceed Chapter 75 Table C values for lead and iron. Visual water quality criteria are also exceeded (red color of effluent precipitate). The landfill was regraded with ~7,000 cubic yards of thermally treated soil in September 1999 to reduce surface water infiltration. Last staff assigned were Patrick-Riley, Sundet, Seagren, and Brownlee.

Action Information

Action Date:	5/20/2004
Action:	Proposed Plan
DEC Staff:	Jeff Brownlee
Description:	

CS staff reviewed a draft final decision document for the Old Navy Landfill FUDS on Kodiak Island. The site is on Coast Guard property near the airport. Interim remedial actions have recontoured the surface cover and added soil to the cap to prevent ponding and decrease permeability. The remedy is no further remedial action planned with institutional controls and monitoring. A small lake known as Red Lake is adjacent to the landfill. The lake and drainage exceed surface water criteria for manganese and iron. The red color in the lake has been assumed to be caused from contribution from the landfill although data shows the upgradient groundwater monitoring wells to have higher iron concentrations than the downgradient wells. According to a local biologist there is no fish habitat in the lake or drainage. The drainage flows to the Buskin River after a short of run of about 400 yards. A risk screening concluded that implementing the cap improvements and IC's should adequately protect human health and the environment

Action Date:	9/22/2004
Action:	Update or Other Action
DEC Staff:	Aggie Blandford
Description:	

File number issued 2601.38.072

Action Date:	10/27/2004
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date:	7/17/2006
Action:	Institutional Control Record Established
DEC Staff:	Jeff Brownlee
Description:	

Site included in USCG Land Use Control Assurance Plan.

Action Date:	8/17/1995
Action:	Update or Other Action
DEC Staff:	Kent Patrick-Riley
Description:	

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date:	9/14/2006
Action:	Update or Other Action
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 7/12/2007
Action: Exposure Tracking Model Ranking
DEC Staff:
Description:

Initial Ranking Complete for Source Area: 71506 (Autogenerated Action)

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Chlorinated solvents.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 227.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: No Longer Assigned
Description:

A RCRA Facility Investigation/Corrective Measures Study (SAIC) was performed in 1994. Included a risk assessment.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Supplemental Data Collection effort of existing monitoring wells and area surface waters. Two upgradient wells installed. Landfill surface regraded and contoured with about 7,000 cubic yards of thermally treated soil from the Nyman TDU operation.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		4/29/2002				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed a draft proposed plan for this former Navy dumpsite. The landfill was resurfaced, contoured and vegetated in 2000. The landfill is adjacent to a pond called Red Lake that is on the 303D impaired water body list for iron and manganese. The lake has a bright orange–red color that has been attributed to iron contribution from the landfill. The monitoring well data however show that the levels of iron are higher going into the landfill than leaving it. Staff is coordinating with Solid Waste and Water Quality to see if they have issues with the plan.						
Action Date:		3/9/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting with the EPA and Coast Guard concerning future monitoring plans for the Old Navy Landfill/Red Lake FUDS. The Coast Guard would like to delist Red Lake from the ADEC impaired water bodies list, however the EPA and Water Quality Section would like to see more groundwater and sediment data (arsenic, iron, manganese) to help support the argument that there is not a continuing contribution from the landfill						
Action Date:		3/19/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area						
Action Date:		9/22/2010				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.						
Action Date:		4/19/2012				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC conducted a site visit with representatives from the Army Corps of Engineers, EPA, and the USCG to visually assess the conditions of the landfill and the highly mineralized leachate running out. The group loosely discussed possible paths forward which were also discussed at length during the January 2012 annual Kodiak USCG and FUDS project delivery team meeting.						
Action Date:		9/25/2018				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.						
Action Date:		3/13/2019				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.						
Action Date:		3/16/2020				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill Site 1, and Building A-711.						
Action Date:		6/4/2003				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.						
Action Date:		9/5/2003				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house						
Action Date:		7/17/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received the draft first and second quarterly monitoring reports from the Army Corps of Engineers for the 2017-18 Addendum Remedial Investigation, Monitoring, and Revised Risk Assessment work plan in late 2018 and early 2019. ADEC completed its review of the quarterly technical memorandums and participated in a technical project delivery team review and status update of the completed work and prospective draft RI report.						
Action Date:		8/20/2019				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.						
Action Date:		1/29/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.						
Action Date:		3/31/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.						
Action Date:		4/3/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.						
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		6/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.						
Action Date:		6/12/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.						
Action Date:		8/5/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed the 2020 1st Quarter Monitoring Report for the USCG Landfill Site 1, which is also designated under the ADEC file number 2601.38.015.						
Action Date:		8/12/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.						
Action Date:		3/16/2021				
Action:		CERCLA RI Report Approved				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the final 2020 Site Monitoring Report (Supplemental Addendum Remedial Investigation work for Groundwater, Stream, Background Sampling and Ecoscoping), and submitted a final approval letter to the Army Corps of Engineers.						
Action Date:		8/14/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed the Army Corps of Engineers' responses to comments on the draft 2019 Monitoring Report and submitted review determinations and approvals to USACE to finalize the report.						
Action Date:		8/20/2020				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Action Date:	3/23/2021
Action:	Report or Workplan Review - Other
DEC Staff:	Cascade Galasso-Irish
Description:	

ADEC reviewed and submitted comments on the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated February 21. Activities in this work plan included the installation of five additional monitoring wells and two rounds of groundwater sampling at 18 total monitoring wells to further delineate contamination in soil and groundwater at the Kodiak Navy Landfill site.

Action Date:	8/4/2021
Action:	Site Visit
DEC Staff:	Curtis Dunkin
Description:	

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date:	8/10/2021
Action:	Report or Workplan Review - Other
DEC Staff:	Cascade Galasso-Irish
Description:	

RTC and redline for the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated July 2021, received on July 27, 2021. PM reports the structures at the Kenai Electric Association are storage conex's and a control house containing relays, batteries and other electrical components. When workers do enter, they are only inside for minutes at a time, and therefore there are no occupied structures within the Navy Landfill FUDS Project boundary and the vapor intrusion pathway is incomplete. All other comments were incorporated into the report and a final document was requested from the Army on August 9, 2021.

Control Information

Type:	Land Use Plan / Maps / Base Master Plan
Details:	Included in USCG Land Use Control Assurance Plan.

Requirements

Description:	Surface water monitoring
Details:	The landfill is adjacent to Red Lake. Annual visual monitoring for problems. Lake exceeds water quality standards for iron and manganese.
Description:	Maintenance / Inspection Of Engineering Controls
Details:	Annual inspections of fencing and top cover.

24	2 of 3	NNW	0.47 / 2,478.07	62.45 / -1	USCG - Navy Landfill/Red Lk. Site 2 Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	INST
Hazard ID:	527					
Status:	Active					
File ID:	2601.38.072					
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov					
Latitude:	57.762643					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Longitude: -152.515663
Horizontal Datum: WGS84
Comments:

Chlorinated solvents in Red Lake leachate. The lake and leachate attenuated to below cleanup levels in the late 1980's. The lake and effluent currently exceeds the water quality criteria for iron and manganese. There is a red precipitate on the substrate that is unsightly most likely from the iron precipitating out of solution (2006). (11/99) Chlorinated solvents are no longer an issue at the site. The effluent from Red Lake and nearby monitoring wells exceed Chapter 75 Table C values for lead and iron. Visual water quality criteria are also exceeded (red color of effluent precipitate). The landfill was regraded with ~7,000 cubic yards of thermally treated soil in September 1999 to reduce surface water infiltration. Last staff assigned were Patrick-Riley, Sundet, Seagren, and Brownlee.

Action Information

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Chlorinated solvents.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 227.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: No Longer Assigned
Description:

A RCRA Facility Investigation/Corrective Measures Study (SAIC) was performed in 1994. Included a risk assessment.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Supplemental Data Collection effort of existing monitoring wells and area surface waters. Two upgradient wells installed. Landfill surface regraded and contoured with about 7,000 cubic yards of thermally treated soil from the Nyman TDU operation.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 4/29/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a draft proposed plan for this former Navy dumpsite. The landfill was resurfaced, contoured and vegetated in 2000. The landfill is adjacent to a pond called Red Lake that is on the 303D impaired water body list for iron and manganese. The lake has a bright orange-red color that has been attributed to iron contribution from the landfill. The monitoring well data however show that the levels of iron are higher going into the landfill than leaving it. Staff is coordinating with Solid Waste and Water Quality to see if they have issues with the plan.

Action Date: 6/4/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.

Action Date: 9/5/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 5/20/2004
Action: Proposed Plan
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a draft final decision document for the Old Navy Landfill FUDS on Kodiak Island. The site is on Coast Guard property near the airport. Interim remedial actions have recontoured the surface cover and added soil to the cap to prevent ponding and decrease permeability. The remedy is no further remedial action planned with institutional controls and monitoring. A small lake known as Red Lake is adjacent to the landfill. The lake and drainage exceed surface water criteria for manganese and iron. The red color in the lake has been assumed to be caused from contribution from the landfill although data shows the upgradient groundwater monitoring wells to have higher iron concentrations than the downgradient wells. According to a local biologist there is no fish habitat in the lake or drainage. The drainage flows to the Buskin River after a short of run of about 400 yards. A risk screening concluded that implementing the cap improvements and IC's should adequately protect human health and the environment

Action Date: 9/22/2004
Action: Update or Other Action
DEC Staff: Aggie Blandford
Description:

File number issued 2601.38.072

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in USCG Land Use Control Assurance Plan.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		9/14/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs						
Action Date:		7/12/2007				
Action:		Exposure Tracking Model Ranking				
DEC Staff:						
Description:						
Initial Ranking Complete for Source Area: 71506 (Autogenerated Action)						
Action Date:		1/22/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711						
Action Date:		3/9/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting with the EPA and Coast Guard concerning future monitoring plans for the Old Navy Landfill/Red Lake FUDS. The Coast Guard would like to delist Red Lake from the ADEC impaired water bodies list, however the EPA and Water Quality Section would like to see more groundwater and sediment data (arsenic, iron, manganese) to help support the argument that there is not a continuing contribution from the landfill						
Action Date:		3/19/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area						
Action Date:		9/22/2010				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.						
Action Date:		4/19/2012				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC conducted a site visit with representatives from the Army Corps of Engineers, EPA, and the USCG to visually assess the conditions of the landfill and the highly mineralized leachate running out. The group loosely discussed possible paths forward which were also discussed at length during the January 2012 annual Kodiak USCG and FUDS project delivery team meeting.						
Action Date:		9/25/2018				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.						
Action Date:		3/13/2019				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.						
Action Date:		7/17/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received the draft first and second quarterly monitoring reports from the Army Corps of Engineers for the 2017-18 Addendum Remedial Investigation, Monitoring, and Revised Risk Assessment work plan in late 2018 and early 2019. ADEC completed its review of the quarterly technical memorandums and participated in a technical project delivery team review and status update of the completed work and prospective draft RI report.						
Action Date:		8/20/2019				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.						
Action Date:		1/29/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.						
Action Date:		3/16/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill Site 1, and Building A-711.						
Action Date:		3/31/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.						
Action Date:		4/3/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.

Action Date: 4/15/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.

Action Date: 6/4/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.

Action Date: 6/12/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.

Action Date: 8/5/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received and reviewed the 2020 1st Quarter Monitoring Report for the USCG Landfill Site 1, which is also designated under the ADEC file number 2601.38.015.

Action Date: 8/12/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.

Action Date: 8/14/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received and reviewed the Army Corps of Engineers' responses to comments on the draft 2019 Monitoring Report and submitted review determinations and approvals to USACE to finalize the report.

Action Date: 8/20/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 3/16/2021
Action: CERCLA RI Report Approved
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the final 2020 Site Monitoring Report (Supplemental Addendum Remedial Investigation work for Groundwater, Stream, Background Sampling and Ecoscoping), and submitted a final approval letter to the Army Corps of Engineers.

Action Date: 3/23/2021
Action: Report or Workplan Review - Other
DEC Staff: Cascade Galasso-Irish
Description:

ADEC reviewed and submitted comments on the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated February 21. Activities in this work plan included the installation of five additional monitoring wells and two rounds of groundwater sampling at 18 total monitoring wells to further delineate contamination in soil and groundwater at the Kodiak Navy Landfill site.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date: 8/10/2021
Action: Report or Workplan Review - Other
DEC Staff: Cascade Galasso-Irish
Description:

RTC and redline for the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated July 2021, received on July 27, 2021. PM reports the structures at the Kenai Electric Association are storage conex's and a control house containing relays, batteries and other electrical components. When workers do enter, they are only inside for minutes at a time, and therefore there are no occupied structures within the Navy Landfill FUDS Project boundary and the vapor intrusion pathway is incomplete. All other comments were incorporated into the report and a final document was requested from the Army on August 9, 2021.

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Included in USCG Land Use Control Assurance Plan.

Requirements

Description: Surface water monitoring
Details: The landfill is adjacent to Red Lake. Annual visual monitoring for problems. Lake exceeds water quality standards for iron and manganese.

Description: Maintenance / Inspection Of Engineering Controls
Details: Annual inspections of fencing and top cover.

24	3 of 3	NNW	0.47 / 2,478.07	62.45 / -1	USCG - Navy Landfill/Red Lk. Site 2 Anton Larson Bay Road Kodiak AK 99619	ENG
Hazard ID: 527 Status: Active Site Name: USCG - Navy Landfill/Red Lk. Site 2 Staff: Curtis Dunkin Horizontal Datum: WGS84						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	1 of 2	ESE	0.50 / 2,617.79	75.40 / 12	ADFG - Kodiak Airport State Airport, Kodiak, Kodiak, AK 99615 AK	SHWS

Hazard ID: 24666
Status: Cleanup Complete
File ID: 2601.26.003
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.750739
Longitude: -152.503853
Horizontal Datum: WGS84

Last staff assigned was English.

Action Information

Action Date: 2/11/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

Action Date: 2/11/1998
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77167

Action Date: 2/11/1998
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 3/4/1998
Action: Site Closure Approved
DEC Staff: * Not Assigned
Description:

Action Date: 11/30/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.003 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 9/17/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Lat/long collected and verified using CS Internal ArcGIS.com web map (PH)
 Entered correct Lat/Long into database: 57.750739 -152.503853

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

25	2 of 2	ESE	0.50 / 2,617.79	75.40 / 12	ADFG - Kodiak Airport State Airport, Kodiak Kodiak AK 99615	LUST

Facility ID:		Archived Rcrd Key:	1998250000803
Hazard ID:	24666	Site Type:	Unknown
Spill Date:		Latitude:	57.750739
Status:	Cleanup Complete	Longitude:	-152.503853
LUST Event ID:	1501	Borough:	Kodiak Island
CS or LUST:	LUST	Staff:	No Longer Assigned
File No:	2601.26.003	Horizontal Datum:	WGS84
Land Owner:	ADF&G - Alaska Department of Fish & Game		
Data Source:	SPAR Online Services - Contaminated Sites / UST Database		
Comments:			

Last staff assigned was English.

Action Information

Action Date: 2/11/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

Action Date: 2/11/1998
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77167

Action Date: 2/11/1998
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 3/4/1998
Action: Site Closure Approved
DEC Staff: * Not Assigned
Description:

Action Date: 11/30/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.003 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 9/17/2015
Action: Update or Other Action
DEC Staff: Paul Horwath

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:

Lat/long collected and verified using CS Internal ArcGIS.com web map (PH)
Entered correct Lat/Long into database: 57.750739 -152.503853

Containment Information

Name:

Media:

Level Description:

Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

26	1 of 1	ENE	0.55 / 2,913.72	63.23 / 0	USCG Kodiak D-17 Nemetz Housing Barometer Avenue and Alyeska Avenue, west of Lake Louise, Kodiak, AK 99615 AK	SHWS

Hazard ID:	27620	Latitude:	57.762615
Status:	Active	Longitude:	-152.504779
File ID:	2601.38.125	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

The former Nemetz Housing Facilities were demolished in 2008. In tandem with demolition activities, all associated heating oil tanks were removed. USTs were 1000-gallon tanks buried 3 feet bgs. A soil sampling report was conducted, and DRO was detected above the migration to groundwater cleanup level in one boring, which was near a previous tank location. Other borings were not correlated with tank locations, so further site characterization was requested. Site is the planned location of 46 residential units with utilities and play areas, to be built after cleanup is concluded.

Action Information

Action Date: 8/12/2021
Action: Site Added to Database
DEC Staff: Courtney Pegus
Description:

A new site has been added to the database

27	1 of 1	WSW	0.57 / 2,993.29	285.01 / 221	BURMA ROAD KODIAK, SW. OF AK	FUDS

FUDS Property No:	F10AK0291
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=55473
FUDS INST ID:	AK09799F696100
Status:	
SDS ID:	
NPL Status Code:	Not on the NPL
Eligibility:	Eligible

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Eligib: Current Owner: Has Project: Yes DOD FUDS Pro: Project Required: Yes No Further Action: Congressional District: 00 EPA Region: 10 County: KODIAK ISLAND BOROUGH Latitude: 57.738996 Longitude: -152.554713 Fiscal year: 2019 USACE Division: POD USACE District: Alaska District (POA) Shape Area: .00029271 Shape Len: .14129812 Centroid Latitude: Centroid Longitude: Media ID: Metadata ID: Feature Desc: Property History: This road is within lands withdrawn for the Kodiak Naval Station from the Bureau of Land Management by Executive Order 8278 dated 28 October 1939, as amended (no acreage provided). An additional 6,269.7 acres were withdrawn by Public Land Order 1949 on 1						

28	1 of 1	SSE	0.58 / 3,086.87	218.01 / 154	USCG Aviation Hill Bldg 17, Area M USCG Base Kodiak Aviation Hill, Kodiak, AK 99619 AK	SHWS

Hazard ID: 2097
Status: Active
File ID: 2601.38.049
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Excavated 1,550 cubic yards of 8,200 ppm diesel contaminated soil. Last staff assigned was Patrick-Riley.

Action Information

Action Date: 9/9/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RAPR - Remedial Action Plan Review (CS)). Reviewed a remedial action plan.

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Remedial action underway.

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action: DEC Staff: Description:		Site Added to Database Kent Patrick-Riley				
Site added to database.						
Action Date: Action: DEC Staff: Description:		11/28/1995 Site Ranked Using the AHRM Kent Patrick-Riley				
Site ranked. Score = 33.						
Action Date: Action: DEC Staff: Description:		6/21/2004 Update or Other Action Alyce Hughey				
File number assigned and entered into the Fileroom DB and CS DB.						
Action Date: Action: DEC Staff: Description:		7/17/2007 Exposure Tracking Model Ranking Jeff Brownlee				
Action Date: Action: DEC Staff: Description:		4/21/2008 Exposure Tracking Model Ranking Jeff Brownlee				
Initial ranking with ETM completed.						
Action Date: Action: DEC Staff: Description:		9/15/2016 Site Visit Curtis Dunkin				
ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.						
Action Date: Action: DEC Staff: Description:		8/22/2019 Site Visit Curtis Dunkin				
ADEC traveled to the USCG Base Station, Kodiak and participated in two full days (August 21-22, 2019) of site inspections and technical project team meetings with representatives from the EPA, USCG, and their respective contracted technical support.						
Action Date: Action: DEC Staff: Description:		7/22/2020 Meeting or Teleconference Held Curtis Dunkin				
ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.						
Action Date: Action: DEC Staff: Description:		8/9/1995 Preliminary Assessment Approved Kent Patrick-Riley				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

(Old R:Base Action Code = SA1R - Phase I SA Review (CS/LUST)). Reviewed a phase 1 site assessment.

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 9/9/1995
Action: Site Characterization Report Approved
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = SA2R - Phase II SA Review (CS)). Reviewed a phase 2 site assessment.

29	1 of 1	ENE	0.60 / 3,142.30	67.64 / 4	USFWS - Kodiak NWR Headquarters 1390 Buskin River Rd.; , Kodiak, AK 99615 AK	SHWS

Hazard ID: 23209
Status: Cleanup Complete
File ID: 2601.26.044
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.79
Longitude: -152.40719
Horizontal Datum:

Last staff assigned was English. Contacts include: Kristine Provenzano, 907 786 3395, at 1011 E. Tudor Rd.: and Dick Munzo, Assistant Refuge Manager at 1390 Buskin River Road in Kodiak. Dept. staff requested the system be taken out of service and the product be removed. Last staff assigned were Halverson then Patrick-Riley.

Action Information

Action Date: 12/22/1992
Action: Update or Other Action
DEC Staff: * Not Assigned
Description:

NOR; Sent Notice of Release letter to USFW Service.

Action Date: 12/22/1992
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 76074 ADD; Petroleum contaminated soil.

Action Date: 12/22/1992
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 9/15/1993
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

LCAU; LUST corrective action underway.

Action Date: 10/8/1993

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Update or Other Action
DEC Staff: * Not Assigned
Description:

CAPR; Corrective action plan reviewed but not approved due to deficiencies. Requested adjustments and resubmittal.

Action Date: 1/15/1994
Action: Release Investigation
DEC Staff: * Not Assigned
Description:

SA2A; Reviwed/responded to a phase 2 site assessment report. Contamination present but below cleanup level.

Action Date: 1/15/1994
Action: Underground Storage Tank Site Characterization or Assessment
DEC Staff: * Not Assigned
Description:

SA1A; Reviwed/responded to a tank remval report and a release investigation report.

Action Date: 10/4/1994
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: * Not Assigned
Description:

CAPR; Reviewed and approved Soil Removal and Disposal Work Plan and amendment for transportation of soils.

Action Date: 7/2/1996
Action: Site Closure Approved
DEC Staff: * Not Assigned
Description:

CLOS; Site closed. No further action required by ADEC at this time.

Action Date: 12/15/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.044 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Road; ~0.5 Mile N of Old Tom
Stiles Road Intersection, Kodiak,
AK 99615
AK

Hazard ID:	26444	Latitude:	57.764971
Status:	Active	Longitude:	-152.513368
File ID:	2601.38.118	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		

Comments:

The U.S. Navy used Buskin Beach and the surrounding area from 1939 to 1975 as part of the Kodiak Naval Station Reservation. Fort Greely, the Army Garrison on Kodiak Island, was located on 4,583 acres within the Naval Station Reservation boundary. The U.S. Army occupied the area until Fort Greely was moved to Delta Junction, Alaska on July 1, 1952, and the facilities were transferred to the Navy.

Building A-141 is one of four sites that make up the greater Buskin Beach Formerly Used Defense Site; the other three associated sites are Swampy Acres, Lube Pits, and Asphalt Disposal Area. The Building A-141 site is located within the boundaries of the 26,000-acre U.S. Coast Guard (USCG) Integrated Support Center on Kodiak Island, Alaska. During the 1998 IRA at the Building A-141 site, two 4,000-gallon concrete underground storage tanks (UST) were closed in place due to the large volume and weight of the concrete. During subsequent soil excavation activities, as part of the 2008 IRA, free product was observed floating on the exposed water table surrounding parts of the UST vault as well as underneath the concrete underground storage tank (UST) within the excavation area. Accessing this soil was not possible without first removing the UST; therefore, it was not removed. The saturated soil continues to be the source of associated groundwater contamination.

Action Information

Action Date:	3/16/2020
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill-Site 1, and Building A-711.

Action Date:	3/18/2020
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC reviewed the draft 2019 Phase II Remedial Investigation Report and submitted comments to the US Army Corps of Engineers.

Action Date:	4/8/2020
Action:	Meeting or Teleconference Held
DEC Staff:	Curtis Dunkin
Description:	

ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Coast Guard, Natives of Kodiak, and US Bureau of Land Management.

Action Date:	6/10/2020
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC received and reviewed responses to comments from the Army Corps of Engineers (USACE) for the draft 2019 Phase II Addendum Remedial Investigation Report. ADEC submitted review determinations and additional comments to USACE on the draft report.

Action Date:	8/10/2020
Action:	CERCLA RI Report Approved
DEC Staff:	Curtis Dunkin
Description:	

ADEC completed its review and acceptance of additional responses to comments and proposed revisions to the draft 2019 Phase II RI Report, and submitted review determinations and approval for the Army Corps of Engineers to finalize the report.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 8/11/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all four Kodiak Buskin Beach and the Burma Road Formerly Used Defense Sites.

Action Date: 9/3/2015
Action: Site Added to Database
DEC Staff: Mitzi Read
Description:

A new site has been added to the database

Action Date: 3/6/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed EPA's draft 2017 Natives of Kodiak Redevelopment Area Phase I Environmental Assessment Report and submitted its comments to the EPA.

31	1 of 1	SSE	0.65 / 3,441.20	194.08 / 130	USCG Aviation Hill Bldg 15, Area A Aviation Hill, Kodiak, AK 99619 AK	SHWS

Hazard ID:	2096	Latitude:	57.746389
Status:	Active	Longitude:	-152.508333
File ID:	2601.38.048	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Excavated 375 cubic yards of 1,500 ppm diesel contaminated soil. Last staff assigned was Patrick-Riley.

Action Information

Action Date: 8/9/1995
Action: Preliminary Assessment Approved
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = SA1R - Phase I SA Review (CS/LUST)). Reviewed a phase 1 site assessment.

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 9/9/1995
Action: Site Characterization Report Approved
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = SA2R - Phase II SA Review (CS)). Reviewed a phase 2 site assessment.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		9/9/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RAPR - Remedial Action Plan Review (CS)). Reviewed a remedial action plan.						
Action Date:		9/18/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Remedial action underway.						
Action Date:		9/18/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		11/9/1995				
Action:		Site Added to Database				
DEC Staff:		Kent Patrick-Riley				
Description:						
Site added to database.						
Action Date:		11/28/1995				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Kent Patrick-Riley				
Description:						
Site ranked. Score = 22.						
Action Date:		6/21/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number assigned and entered into the Fileroom DB and CS DB.						
Action Date:		7/16/2007				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Action Date:		4/21/2008				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Initial ranking with ETM completed.						
Action Date:		9/15/2016				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						

ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 8/22/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to the USCG Base Station, Kodiak and participated in two full days (August 21-22, 2019) of site inspections and technical project team meetings with representatives from the EPA, USCG, and their respective contracted technical support.

Action Date: 7/22/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.

32	1 of 1	SE	0.81 / 4,292.92	107.40 / 44	USCG Kodiak Drury Gulch, Site 18 Rezanof Highway, ~3 Miles South of Kodiak, Kodiak, AK 99619 AK	SHWS

Hazard ID:	528	Latitude:	57.744997
Status:	Active	Longitude:	-152.503548
File ID:	2601.38.026	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Site was used by the Navy from 1939 to 1975 as a disposal area - primarily metals debris. A debris removal was done by the COE in 1985. Possible disturbance of contaminated soils occurred during this removal. PCBs, cadmium, lead and chromium were detected in soil at levels above regulatory levels in a 1993 USCG investigation. Two investigations in 1999 detected higher levels of PCB in two areas (987 mg/kg and 103,000 mg/kg). An investigation and removal action will continue during the 2000 field season. Volume of soil estimated to be above regulatory criteria for PCBs is unknown. A risk assessment was performed in 2003. An intermittent drainage flows through the gulch and it appears some PCB transport has occurred with sediment movement. EPA ID# AK9690330742. In RCRA file system. Also listed in CERCLIS file system under USDOT CG Kodiak Sanitary Landfill USCG Support Center. Hazardous waste activities: generator 1, transporter, disposer, burns HW fuel in burner. Attempts to enter Consent Order with Coast Guard have been unsuccessful. Last staff assigned were Roberts, Schwenne, Patrick-Riley, Seagren, and Brownlee.

Remedial action was implemented in 2004 and continues through 2006. Soil concentrations of PCB over 10 mg/kg are being removed and disposed off island. A 2-foot plus vegetated soil cap is being placed over the footprint of historic disturbance in the gulch. The site will have institutional controls and land use restrictions.

Action Information

Action Date: 11/2/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects

Action Date: 11/20/2007
Action: Exposure Tracking Model Ranking
DEC Staff:
Description:

Initial Ranking Complete for Source Area: 71507 (Autogenerated Action)

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		3/13/2008				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed and commented on a draft work plan for continued remedial action at the Drury Gulch Formerly Used Defense Site (FUDS) on Kodiak Island. Soils impacted with PCBs above 10 mg/kg are being removed and disposed off island. There are about 2,400-tons estimated to be removed and disposed off island. An approximate 2,000-foot drainage channel will be backfilled and re-excavated parallel to the original. The low concentrations of PCB in sediment in the channel are then considered soil and don't have to be removed. All disturbed areas in the gulch and drainage channel will be covered with a minimum of 2.5-feet of clean soil						
Action Date:		6/7/2018				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received the responses to comments from the Army Corps of Engineers on May 1, 2018 for the comments which ADEC submitted on August 17, 2017 for the draft Addendum SAP. ADEC requested a comment resolution meeting with USACE and the project delivery team and submitted summary review determinations on the responses to comments.						
Action Date:		11/7/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received final documents from the Army Corps of Engineers that included semi-annual post-remedial action inspection reports, maintenance reports, and post-storm event inspection reports associated with the Drury Gulch site management activities that had occurred within the 2015-16 and 2016-17 timeframes. Prior to receiving the final documents, ADEC conducted numerous document reviews, comment submittals and response determinations, and also participated in numerous technical planning and resolution meetings with project team delivery agency representatives from the USACE, USCG, and EPA for the multiple projects. Site maintenance, monitoring, and remedial optimization by the USACE-FUDS program is ongoing.						
Action Date:		8/19/2004				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information						
Action Date:		4/2/2008				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a comment resolution meeting for work this summer at the Drury Gulch Formerly Used Defense Site on Kodiak Island. The Corps of Engineers is administering the contract to cleanup the former Navy disposal site that is impacted with PCBs. There is an estimated 2,000-tons of impacted soil left to remove which has been running about 1/3 TSCA (soil with samples over 50 mg/kg). The COE is using immunoassay test kits to drive excavation and agreed to do an upfront correlation test to check the confidence of the screening performance. In addition to the soil removal a 2,000-foot drainage ditch will be covered and another one dug parallel to eliminate PCB in sediment in the current ditch. All disturbed areas will then be covered with 2.5-feet of cover material, graded and revegetated						
Action Date:		5/20/2010				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Action Date: 9/29/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several Formerly Used Defense Sites on Kodiak. The Drury Gulch site is currently being excavated and remediated by hot spot excavation and off-site disposal. The EPA, Coast Guard and DEC have ongoing concern with the storm water prevention measures that are being used at the site. There are several areas with fines exposed that have produced visible turbidity leaving the site during rain events while equipment is moving. We are discussing ways to eliminate this runoff by not working during rain events or demobing for the season and preparing the excavations for winter by placing geofabric and clean fill

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 1/19/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a water quality compliance document produced by the Corps of Engineers to clarify the regulatory criteria for storm water discharge from the Drury Gulch PCB site. The EPA and Coast Guard also were involved in the regulatory interpretation for the site. During construction of the remedial design the surface water criteria will be held to drinking water standards of 0.5 parts per billion PCBs at the site boundary. A level of 0.03 parts per billion PCBs will be held at the end of the storm drain which is an ecological benchmark for marine waters

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 4/19/2012
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC conducted a site visit and inspection during the sediment sampling effort conducted in the airport drainage system which is down gradient of Drury Gulch and flows and discharges to Womens Bay.

Action Date: 9/30/2015
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

CS staff conducted a site inspection to observe the site status and condition as well as the extent of damage to the stormwater drainage system resulting from several significant storm events over the past year. Staff walked and inspected the adjacent drainage systems associated with Drury Gulch and evaluated potential rerouting solutions. Also present on the site inspection were representatives from the Army Corps of Engineers, the EPA, and the USCG.

Action Date: 11/3/2015
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

CS staff reviewed the draft 2013-14 Drury Gulch Post Removal Action Report and submitted comments to the Army Corps of Engineers. The draft report summarized the maintenance and storm event inspection activities which occurred during the May 2013-April 2014 monitoring period.

Action Date: 2/17/2016
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC Contaminated Sites staff reviewed the draft 2015 Drury Gulch 2014-15 Post Removal Action Annual Report and submitted comments to the Corps of Engineers.

Action Date: 8/17/2017
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2017 Drury Gulch Addendum Sampling and Analysis Work Plan and submitted review comments to the Army Corps of Engineers.

Action Date: 6/17/2005
Action: Meeting or Teleconference Held
DEC Staff: No Longer Assigned
Description:

Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.

Action Date: 9/25/2018
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.

Action Date: 1/30/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2015-16 Drury Gulch Post-Remedial Action Report and submitted comments to the Corps of Engineers.

Action Date: 3/13/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Action Date: 4/10/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received the draft 2019 Drury Gulch/Rezanof Hwy. Rehabilitation Construction SAP from the ADOT&PF. ADEC submitted an action request letter to the Army Corps of Engineers requesting they conduct an internal technical evaluation of the anticipated and potential impacts to the CERCLA remedy at Drury Gulch that could result from ADOT&PF's planned construction activities and to provide the Kodiak Army/Navy stakeholders with a written summary of the evaluation.

Action Date: 5/23/2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Cleanup Plan Approved				
DEC Staff:		Jeff Brownlee				
Description:		CS staff reviewed a workplan for remedial action at the Drury Gulch FUDS site on Kodiak Island. The six acre site is contaminated with PCBs in soil and sediment. The preferred remedy is hot spot removal of concentrations over 10 mg/kg PCB, capping all historically disturbed areas with a 2.5-foot soil cap, and institutional controls. The drainage ditch that drains the site has PCB concentrations in sediment up to 3 mg/kg. The ditch will be backfilled with clean soil. A new drainage ditch will be excavated parallel to the existing one. Previous investigations have identified 42 surface soil areas and five subsurface soil area that will require excavation and off-site disposal (Oregon). The removal strategy is to remove 200 cubic feet (10' x 10' x 2' deep) of soil around previously detected hot spots. The excavation will then be screened at nine locations with immunoassay test kits with both discrete and composite sampling. Screening levels that indicate concentrations approaching the cleanup criteria will be confirmed with laboratory sampling. Discrete samples will be collected at all grid point locations along with any composite sampling in case follow up screening or off site lab analysis is required.				
Action Date:		6/6/2003				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.				
Action Date:		5/23/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC reviewed the draft 2019 Drury Gulch/Rezanof Hwy. Rehabilitation Construction SAP and submitted comments to the Alaska Department of Transportation.				
Action Date:		8/12/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC received responses to comments and revised final documents for the 2019 Drury Gulch/Rezanof Hwy. Rehabilitation Construction Sampling and Analysis Plan and submitted approvals to the Alaska Department of Transportation.				
Action Date:		8/20/2019				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:		ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.				
Action Date:		9/16/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC Reviewed the draft 2019 Soil Investigation Technical Memorandum and submitted review comments to the Army Corps of Engineers. in April, 2019. ADEC reviewed and participated in resolution with USACE regarding its respective responses; ADEC provided review determinations and approvals to revise and finalize the report.				
Action Date:		6/19/2003				
Action:		Record of Decision				
DEC Staff:		Jeff Brownlee				
Description:		CS staff reviewed and approved a Decision Document for the Drury Gulch FUDS in Kodiak, Alaska. The preferred remedy for this six acre PCB site is soil hot spot removal over 10 mg/kg with a two-foot soil cap over all historically disturbed areas. A long-term monitoring plan and institutional control plan will be developed with the Coast Guard (land owner). The decision document outlines the general scope and objectives of both plans				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		8/14/2003				
Action:		Cleanup Plan Approved				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff approved a cleanup plan for the Drury Gulch FUDS in Kodiak. This site is contaminated with PCBs in soil. The remedy will be to remove soils with PCB concentrations over 10 mg/kg for off-site disposal, cap the historically disturbed area with a 2-foot plus soil cap, and establish institutional controls to ensure the cap is not disturbed and remains in good shape in the future.						
Action Date:		8/19/2003				
Action:		Institutional Control Record Established				
DEC Staff:		Jeff Brownlee				
Description:						
Site land use controls and notification to DEC and COE in the case of soil disturbance. Site also included in the USCG Land Use Control Assurance Plan.						
Action Date:		9/5/2003				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house						
Action Date:		9/14/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs						
Action Date:		9/19/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab						
Action Date:		2/7/2003				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed a draft final decision document for Drury Gulch. Drury Gulch is an approximately six acre site with sporadic PCB contamination in soil. An intermittent drainage runs through the gulch and into a drainage ditch about half a mile long. Some contaminant transport has occurred through sediment movement. The preferred remedy for is removal and off-site disposal of soil with concentrations over 10 mg/kg, a two-foot soil cap and institutional controls. The drainage ditch will be rerouted and the old one backfilled. The work is scheduled for this summer						
Action Date:		4/3/2003				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
CSR staff will be participating in a public meeting and Open House this week with the Corps of Engineers in Kodiak. The purpose of our participation is to introduce the Drury Gulch Proposed Plan. The preferred alternative is to excavate soil hot spots over 10 mg/kg PCB concentrations, cover the historically disturbed area with two-feet plus of cover and revegetate. The area will also be controlled through land use restrictions. The gulch is on Coast Guard property and the Land Management Plan will be modified to protect the gulch from future industrial use or development.						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

The Drury Gulch project was the topic of an article in the Kodiak Daily Mirror last week and the story was picked up by the Associated Press. The higher PCB concentrations mentioned in the article were removed off-island during a removal action three years ago.

Action Date: 9/18/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 6/17/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 3/5/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit

Action Date: 4/4/2003
Action: Proposed Plan
DEC Staff: Jeff Brownlee
Description:

CSRP staff will be participating in a public meeting and Open House this week with the Corps of Engineers in Kodiak. The purpose of our participation is to introduce the Drury Gulch Proposed Plan. The preferred alternative is to excavate soil hot spots over 10 mg/kg PCB concentrations, cover the historically disturbed area with two-feet plus of cover and revegetate. The area will also be controlled through land use restrictions. The gulch is on Coast Guard property and the Land Management Plan will be modified to protect the gulch from future industrial use or development. No comments were recieved.

The Drury Gulch project was the topic of an article in the Kodiak Daily Mirror last week and the story was picked up by the Associated Press. The higher PCB concentrations mentioned in the article were removed off-island during a removal action three years ago.

Action Date: 5/17/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a work plan and participated in a scoping meeting for continued remedial action at the Drury Gulch Formerly Used Defense Site (FUDS) in Kodiak. PCBs in soil over 10 mg/kg are being removed from the former Navy debris dump. A two foot soil cap is being installed over all disturbed areas, and an approximately 2000-foot drainage ditch will be realigned. Over the last two seasons about 10,000-tons of PCB contaminated soil has been removed about half being TSCA waste (over 50 mg/kg). About 3,000-tons of impacted soil is estimated to remain

Action Date: 3/2/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a Remedial Investigation/Feasibility Study for Drury Gulch near the Coast Guard Base on Kodiak Island. The Gulch was used a metals debris dump in the 1960s and 1970s by the Navy and Army. A debris cleanup in the late 1970s appears to have spread PCB contaminated soil over a large area (approximately 6 acres). Investigations show that about 8,000 cubic yards of soil are impacted with PCBs over 10 mg/kg. The RI/FS did not

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

include historical data from three previous investigations, so the ADEC is requesting a rewrite of the draft to include all available data. The Feasibility Study was limited to three options, the preferred one being excavation and offsite disposal of soil with concentrations over 10 mg/kg and placing a two-foot cap over the site.

Action Date: 3/21/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting for a Draft RI/FS for Drury Gulch. This former metals dump has several thousand cubic yards of PCB impacted soil over 10 mg/kg. Attendees included the COE and their contractor, the U.S. Coast Guard and the EPA. Several concerns were addressed including the COE not using all available historical data for the Feasibility Study and that too few remedial alternatives were evaluated. Terrestrial ecological pathways were not adequately evaluated. The COE will issue a Draft Final for the cleanup teams review and concurrence prior to beginning work on the remedial design workplan.

Action Date: 6/19/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff observed a site investigation at Drury Gulch with the COE, Coast Guard and EPA. Seven test pits were advanced to help determine the amount of debris in the gulch. Auger refusals during a previous boring investigation led to suspicion that there was more debris than historical information suggested. Of seven test pits, six encountered substantial debris. The debris layer was generally about five to seven feet thick with two to three feet of overburden. The debris appeared to be sorted military industrial debris such and Quonset huts, truck parts, scattered drums, cable, piping and chain. The debris was intermixed with soil. The contaminant of concern at the gulch is PCBs. Composite samples of soil from the tailings of each test pit were taken for PCBs to characterize these soils as a possible waste stream. The Corps has been evaluating cleanup alternatives and was leaning towards excavation and treatment/disposal of all PCB contaminated soil (> 1 ppm in surface and > 10 ppm in subsurface) and then capping the site. However, the unexpectedly large volume of debris may make removal infeasible.

Action Date: 8/5/2002
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff met with the Corps of Engineers, COE contractor, US Coast Guard and the EPA to discuss planning for Drury Gulch. Based on a recent test pit investigation the team agreed that Drury Gulch was an unpermitted dump site and that groundwater-monitoring requirements have been met. Groundwater is not present in most areas of the gulch except for some sheet flow on bedrock during and after storm events. A schedule was agreed to finalize the RI/FS and prepare a Proposed Plan, public comment period and Record of Decision.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

PCBs, cadmium, lead and chromium.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Site ranked. Score = 54.

Action Date: 2/22/2000
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff attended an interactive planning/comment resolution meeting with the COE, EPA, TSCA, and Coast Guard in Seattle. Discussion centered on cleanup levels, land use and institutional controls. Consensus was the site needed more characterization and the next step should be a feasibility study.

Action Date: 3/17/2000
Action: Site Ranked Using the AHRM
DEC Staff: Jeff Brownlee

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:

Reranked. Score = 165.

Action Date: 5/4/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a Kodiak Island Borough assembly meeting and public open house in Kodiak. The Corps of Engineers and their contractor, Jacobs engineering also attended. Three potential new sites were inspected based on community input. Overall interest seemed light, which has been normal in Kodiak.

Action Date: 12/5/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff attended a comment resolution and scoping meeting for the Drury Gulch site. The Corps of Engineers and their contractor (Jacobs), the EPA and their contractor (Tetra Tech), the Coast Guard and the ADEC attended the meeting at the Coast Guard offices in Seattle. The comment resolution was for the RI/FS document. Comments on the document were minimal, however a decision was not made on the preferred remedy. To finalize the RI/FS the COE will need to produce a long-term monitoring plan, institutional control plan, perform a round of well sampling and complete the requested ecological screening work. The schedule for the proposed plan and record of decision was discussed as well as the possibility of doing an interim removal action this summer to take advantage of available funding.

Action Date: 9/20/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a draft proposed plan for Drury Gulch on Kodiak Island. The preferred remedy for the PCB contamination at the gulch is hot spot removal to <10 mg/kg, 2-feet plus soil cap, and institutional controls. The plan needed some editing and more discussion of alternative remedies, but otherwise looked good.

Action Date: 11/22/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a draft decision document for Drury Gulch. The gulch is an approximately six acre site with sporadic PCB contamination in soil. An intermittent drainage runs through the gulch and into a drainage ditch about half a mile long. Some contaminant transport has occurred through sediment movement. The preferred remedy for is removal and off-site disposal of soil with concentrations over 10 mg/kg, a two-foot soil cap and institutional controls. The drainage ditch will be rerouted and the old one backfilled.

The decision document has several deficiencies including omissions of previous field work, no maps or figures, and site information inconsistent with previous documents including the RI/FS and proposed plan. There was also no comparative analysis of alternatives. The EPA, Coast Guard and DEC have submitted comments and requested a rewrite of the draft document.

Action Date: 4/2/2008
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an update meeting for the Formerly Used Defense Sites on Kodiak Island. The Fire Training Pit, Drury Gulch, and Buskin Beach sites will be undergoing active remediation this summer. Environmental investigations will be performed at Building A-711, Buskin Beach and the Fire Training Pit. Proposed Plans are being produced this summer for Building A-711, Fire Training Pit, Asphalt Disposal Area and Buskin Beach and a closure report for an Underground Storage Tank cleanup at Bruhn Point. The spring open house and assembly meeting will be the end of May or early June

Action Date: 5/22/2008
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a geotechnical report concerning slope stability at a Formerly Used Defense Site (FUDS). The Drury Gulch site is

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

actively being excavated of polychlorinated biphenyl impacted soils over 10 mg/kg. An portion of the excavation is against the toe of a steep slope and the Corps of Engineers was concerned that the slope above may destabilize and threaten the foundation of a building at the top of the hill. The investigation concluded that the intended soil removal should not destabilize the slope and the building is relatively safe

Action Date: 7/17/2000
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Reviewed IRA work plan. Further PCB characterization work to be performed with approximately 95 surface samples and borings. A ecological assessment of the drainage to check for aquatic organisms will be done and a survey of terrestrial animals that may use the drainage.

Action Date: 11/24/2000
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

ADEC and EPA jointly sent a letter to the COE detailing concerns about the approach to the remedial investigation and feasibility study. A few of the EPA and ADEC comments on the RI work plans have not been adequately addressed, a baseline risk assessment needs to completed, the feasibility study needs to be "non presumptive" and the remedy should be permanent, with no maintenance nor ICs.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date: 4/29/2002
Action: Site Characterization Workplan Approved
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a workplan for an additional investigation at this former Navy disposal area on Kodiak Island. Drury Gulch has PCB contamination in soils over an approximately six-acre area and some impacts to sediment in a small drainage through the gulch. During previous investigations debris has been encountered during borings. The debris is inferred to be left from the original waste deposited in the gulch. Because of extensive soil reworking, a test pitting investigation will be performed to determine if soil below or around this debris contains PCBs over 10 mg/kg.

Action Date: 8/12/2008
Action: Site Visit
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 6/29/2009
Action: Site Visit
DEC Staff: Brenton Porter
Description:

At the request of the project manager, a site visit was conducted to oversee workplan compliance at the Drury Gulch site, a FUDS site on Kodiak Island, in August of 2008. Through the interview process of site workers and consultants no deviations from the approved work plan were noted.

Action Date: 6/27/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

An Explanation of Significant Differences (ESD) was signed to amend the cleanup decision document for PCB contamination in Drury Gulch within the Kodiak Army/Navy Formerly Used Defense Site. During cleanup work in 2004, the volume of PCB contamination was found to be significantly larger than estimated in the original decision document. An additional ~8,000 tons of contaminated soil need to be addressed and the cost estimate has increased by ~\$4.5 million. The overall cleanup approach of excavating to < 10 mg/kg PCB, capping, rerouting a drainage channel and institutional controls has not changed.

Action Date: 8/30/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date: 1/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light

Action Date: 12/17/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC submitted preliminary review comments and status update requests from the Army Corps of Engineers on the implementation schedule and site management activities associated with the draft LTMM for the upcoming five-year action period beginning in December 2019. ADEC's preliminary comments on the prospective draft LTMM were also in conjunction with ADEC's prior and ongoing reviews of semi- and annual post-removal action inspection reports, maintenance reports, and winter 2019 storm event inspection reports that are associated with the post-removal action inspection and monitoring efforts that were conducted during the 2017-18 timeframe.

Action Date: 1/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light

Action Date: 6/1/2006
Action: Meeting or Teleconference Held

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base						
Action Date:		6/20/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed an after action report for the 2005 field work conducted at the Drury Gulch FUDS on Kodiak Island. Approximately 6,200 tons of PCB impacted soil was excavated for off-site disposal. Of this about half was over 50 mg/kg. The field season started with 18 separate excavations, but many of these merged over the summer. The excavations are being done on a five foot grid system with confirmation samples being taken on the corners. For every sample over 10 mg/kg a cube five-feet by five-feet by two feet deep is excavated, then resampled. The contractor anticipates finishing the project this field season. The Gulch will be capped with a two-foot plus cover and revegetated. The project is on Coast Guard property and will carry institutional controls						
Action Date:		2/27/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Long-term Maintenance and Management Plan intended for implementation in the next five-year management period and submitted review comments to the Army Corps of Engineers.						
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		5/27/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning meeting with representatives from USACE, EPA, and the USCG for the ongoing development and resolution of the draft 2020 LTMMP.						
Action Date:		8/12/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.						
Action Date:		8/24/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the additional round of resolution responses to comments from the Army Corps of Engineers (USACE) for the draft 2029-20 Long-term Monitoring and Maintenance Plan. ADEC submitted a determination to USACE summarizing its acceptance of the responses and to finalize the plan.						
Action Date:		1/21/2021				
Action:		CERCLA ROD Periodic Review				
DEC Staff:		Curtis Dunkin				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:

ADEC completed and submitted its responses to the Army Corps of Engineers for the EPA CERCLA Interview Questionnaire in support of the third five-year review effort.

Action Date: 3/9/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft January 2021 Environmental Risk Assessment Work Plan and submitted comments to the Army Corps of Engineers.

Action Date: 3/17/2021
Action: Offsite Soil or Groundwater Disposal Approved
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the transport approval form submitted on behalf of the Alaska Dept. of Transportation for the offsite transport and disposal of 0.5 cubic yards of low-concentration PCB-contaminated soil that was removed from the lower stilling basin during the implementation of Alaska DOTP&F's Rezanof Drive Drury Gulch Culvert Rehabilitation Project in September, 2020. ADEC submitted approval to the field implementation team to dispose of the soil offsite.

Action Date: 3/30/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the redline revised and final documents for the Final January 2021 Long-term Monitoring and Maintenance Plan and submitted a final approval letter to the Army Corps of Engineers to finalize and implement the plan in the field.

Action Date: 6/14/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defense Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date: 4/21/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the responses to comments on the draft 2021 Screening Level Ecological Risk Assessment and submitted review determinations and additional comments to the Army Corps of Engineers.

Action Date: 5/21/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed additional responses to comments on the draft 2021 Screening Level Ecological Risk Assessment and submitted review determinations and approval to the Army Corps of Engineers to finalize the work plan.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site included in the USCG Land Use Control Assurance Plan.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Land use restrictions. Inspection and corrective action plan, Notify DEC and COE of any subsurface activity.

33	1 of 1	ESE	0.87 / 4,584.01	60.59 / -3	USCG Kodiak Site #15 Peterson School UST ; , Kodiak, AK 99619 AK	SHWS

Hazard ID:	23420	Latitude:	57.747318
Status:	Cleanup Complete - Institutional Controls	Longitude:	-152.496079
File ID:	2601.26.049	Horizontal Datum:	NAD27
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Last staff assigned was Patrick-Riley. See CS database: USCG Kodiak Site 15 Peterson S. UST; 1988250915069 for additional site actions

Action Information

Action Date: 5/29/1988
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 76226 ADD; LUST portion of site added to database. Release initially reported to ADEC in Kodiak-Bill Rieth on 2/22/94

Action Date: 5/29/1988
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 8/15/1994
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

LCAU; LUST corrective action underway.

Action Date: 8/17/1995
Action: Site Visit
DEC Staff: * Not Assigned
Description:

REC�; Site reconnaissance.

Action Date: 9/18/1995
Action: Site Visit
DEC Staff: * Not Assigned
Description:

REC�; Site reconnaissance.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		11/17/1995				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
Conditional approval of plan to move soils to the Nyman Peninsula Bio Cell.						
Action Date:		12/4/1995				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
USCG submits revised sampling plan for the Nyman Peninsula Bio Cell						
Action Date:		12/5/1995				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
ADEC approval of plan and modifications of sampling and operations of the Nyman Peninsula Bio Cell.						
Action Date:		5/9/1997				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
USCG submits Draft CMS work plan.						
Action Date:		7/8/1997				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
EPA submits technical review comments to USCG on draft CMS work plan						
Action Date:		7/21/1997				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
USCG submits response to EPA technical review comments of draft CMS work plan						
Action Date:		5/20/1998				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
USCG submits draft Phase I CMS						
Action Date:		8/24/1998				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
EPA submits technical review comments to USCG on draft CMS report						
Action Date:		9/10/2002				
Action:		Underground Storage Tank Site Characterization or Assessment				
DEC Staff:		Alyce Hughey				
Description:						
Review CMS for site and discuss notification to USCG regarding using ADEC methods instead of EPA protocol due to non-signing of RCRA Permit by						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
ADEC						
Action Date:		7/16/2003				
Action:		Report or Workplan Review - Other				
DEC Staff:		Donald Seagren				
Description:						
Reviewed draft Phase 2 CMS report. Coordinating comments with EPA/R10. Can possibly close out once question of 1940's UST is resolved. Recommended to USCG to either excavate to verify presence or conduct file search to find documentation on potential UST history.						
Action Date:		10/10/2003				
Action:		Conditional Closure Approved				
DEC Staff:		Donald Seagren				
Description:						
In coordination with EAP/R10, NFA issued. Closure upon MW abandonment and successful remediation of stockpiled soils. Recommended further investigation of possible 1940's UST.						
Action Date:		10/10/2003				
Action:		Institutional Control Record Established				
DEC Staff:		* Not Assigned				
Description:						
Action Date:		12/21/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number 2601.26.049 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.						
Action Date:		1/19/2017				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC Contaminated Sites staff reviewed the USCG's proposed site management plan for the construction of a new fire training facility within the area of the former fueling station that is located between the current Peterson School and the Kodiak Fire Department facility. ADEC submitted review comments and participated in a final planning/resolution meeting with the USCG. ADEC provided conditional approval of the USCG's proposed plan which involves avoiding the area of the suspected 1940's UST that requires further site characterization and potential removal action; and also conditional approval based upon the USCG's plan to not excavate deeper than several feet bgs and to also not excess soil and/or transport soil offsite. Additional conditions include stopping work and conferring with ADEC in the event gross contamination and/or suspected unknown contamination is encountered during the project. Construction is currently planned to be completed in 2017.						
Action Date:		7/10/2019				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to Seattle, WA and participated in two days of technical planning and project status update and prioritization meetings with representatives from the US Coast Guard, US Environmental Protection Agency, and their respective contracted technical support.						
Action Date:		8/22/2019				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to the USCG Base Station, Kodiak and participated in two full days (August 21-22, 2019) of site inspections and technical project team meetings with representatives from the EPA, USCG, and their respective contracted technical support.						
Action Date:		7/22/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.

Containment Information

Name: Benzene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: SoilSoil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: CS Database Notation And Letter To Landowner/RP
Details: Site closure can be obtained after treatment of approximately 150 cubic yards of soil and abandonment of monitoring wells.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Small area with Method 2 exceedances. Possible UST still located at the 1940's filling station.

Documents Information

Name: No Further Remedial Action
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=21640&fileName=605_USCG%20Kodiak%20Site%2015%20NFA%2010-10-03.pdf

34	1 of 1	ESE	0.91 / 4,793.09	37.92 / -26	FAA Kodiak Airport Air Traffic Control Tower, Kodiak, AK 99615 AK	DELISTED SHWS
Hazard ID: 1319 Status: Active Status 1: File ID: 2601.38.001 Staff: Kara Kusche, 9072697530 kara.kusche@alaska.gov Staff Email: Land Owner: Address1: Address 2: Address 3: Section: Meridian: Range: Township: County: Horizontal Datum: Latitude: 57.75 Longitude: -152.491667 Original Source: SHWS Record Date: 21-JUL-2016						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of 1	ESE	0.98 / 5,191.34	45.33 / -18	FAA Kodiak Tower USCG Base, Kodiak, Kodiak, AK 99615 AK	SHWS

Hazard ID: 1318
Status: Active
File ID: 2601.38.001
Staff: Kara Kusche, 9072697530 kara.kusche@alaska.gov
Comments:

Latitude: 57.748765
Longitude: -152.490585
Horizontal Datum:

Petroleum impacted soil was identified during removal of a 1,000 gallon diesel fuel UST. A spill report was called in on May 21, 1991. UST #: 30-A-1.

FAA Kodiak Airport problem comment entry:

DRO discovered in soils and groundwater during 1993 decommissioning of diesel fuel tank at base of tower. No action since 1994. June 1994 Environmental Compliance Report recommends evaluating potential contamination at other FAA sites at this facility, including the quarters facility. Soil and groundwater contamination from sources at FAA Kodiak tower facility may extend beyond the boundaries of the FAA leased land onto the USCG Upper Government Hill housing area, which is down-gradient of the FAA site. A 1993 Harding Lawson Associates Release Investigation Report noted HLA did not investigate the possible migration of the contamination beyond FAA leased property due to the belief that the USCG housing site was already contaminated and it would be difficult to delineate FAA contamination from USCG contamination.

Action Information

Action Date: 8/9/1991
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Dick Farnell
Description:

15-20 cubic yards of diesel contaminated soil excavated and stockpiled at USCG base.

Action Date: 9/24/1991
Action: Update or Other Action
DEC Staff: John Halverson
Description:

Notice of Release for UST #30-A-01

Action Date: 9/17/1992
Action: Site Added to Database
DEC Staff: No Longer Assigned
Description:

Action Date: 1/26/1993
Action: Update or Other Action
DEC Staff: John Halverson
Description:

Review comments for many FAA facilities including FAA Kodiak tank 30-A-01. Requested additional release investigation and corrective action for the contamination remaining at the tank site.

Action Date: 6/16/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Action code added because it wasn't when the site was originally ranked.

Action Date: 8/31/1999
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 00 to 01. New Reckey is 1991250114101.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 6/10/2005
Action: Update or Other Action
DEC Staff: No Longer Assigned
Description:

Changed the release information value from 0.5 to 1 based on email from Mike Jaynes.

Action Date: 9/9/2010
Action: Site Characterization Workplan Approved
DEC Staff: Curtis Dunkin
Description:

Staff reviewed and submitted comments on a draft UVOST site investigation work plan submitted by the FAA. The FAA is collaborating with the Army Corps of Engineers who is designing and finalizing the work plan. ADEC received and approved the final work plan which adequately addressed all ADEC comments and revision requests. The investigation was conducted and completed in the month of September 2010. The purpose of the UVOST investigation was to further characterize the extent of diesel-contaminated soil that is the result of a release from a heating fuel tank associated with the Air Traffic Control Tower building. The site is further complicated due to a similar fuel spill that occurred on a U.S. Coast Guard-owned property that is adjacent to FAA's; the result of which was the merging of the two contamination plumes.

Action Date: 8/12/2011
Action: Site Characterization Report Approved
DEC Staff: Curtis Dunkin
Description:

Staff reviewed the draft 2011 UVOST site investigation report that documented the results of the UVOST investigation conducted in September, 2010. ADEC did not have further comment on the draft report and approved the FAA to submit a final copy. Results of the 2010 UVOST investigation determined horizontal and vertical extent of the contamination plume associated with the FAA release from a heating fuel tank. The investigation also provided detailed information regarding the relationship between the two merged contamination plumes associated with the FAA and U.S. Coast Guard heating fuel releases.

Action Date: 11/15/2011
Action: Meeting or Teleconference Held
DEC Staff: Meghan Dooley
Description:

ADEC staff met with representatives from the FAA and USACE to discuss the UVOST SI report and the site status.

Action Date: 11/16/2011
Action: Update or Other Action
DEC Staff: Meghan Dooley
Description:

ADEC received the Final 2010 UVOST Site Investigation Report.

Action Date: 7/22/2016
Action: Exposure Tracking Model Ranking
DEC Staff: Nathan Maxwell
Description:

Initial ranking with ETM completed for source area id: 72296 name: auto-generated pm edit FAA Kodiak Tower

Action Date: 5/6/2019
Action: Update or Other Action
DEC Staff: Kara Kusche
Description:

FAA does not have any plans to do work at this site this year or in the foreseeable future due to low risk ranking.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazard ID:	2898	Latitude:	57.75332
Status:	Active	Longitude:	-152.48734
File ID:	2601.38.073	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Contaminated soil and groundwater and three USTs in the area of the airport. The site with the most activity and contamination is the Fire Training Pit (Site 35) located between the runway and the mouth of the Buskin River. Soil and groundwater is impacted with DRO, low level GRO and VOC's. A source removal of approximately 20,000 cubic yards of impacted soil was removed in 2001 from the area of the former FTP. An approximately 2-foot thick smear zone extends about 700-feet northeast toward the mouth of the river. There is about 10-feet of clean overburden. This site is composed of several individual sites including the Advanced Underwater Research Building, Fire Training Pit (Site 35), UST areas 2, 3 and 6, and Building 520. Site entered by Shannon and Wilson. Last staff assigned were Halverson and Brownlee.

A Remedial Investigation, Feasibility Study, and Treatability Study were performed at the Fire Training Pit in 2005 - 2006. A Pilot Study is being performed in 2006-07.

Action Information

Action Date:	3/13/2019
Action:	Meeting or Teleconference Held
DEC Staff:	Curtis Dunkin
Description:	

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Action Date:	4/4/2019
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC received and reviewed responses to comments from the USCG and participated in a technical planning and resolution meeting with the project delivery team for the draft final 2019 Groundwater Monitoring Well PFAS Sampling and Analysis Plan. ADEC submitted approval of the RTCs and for the USCG to finalize the SAP document and implement the plan in the field.

Action Date:	5/15/2019
Action:	Update or Other Action
DEC Staff:	Curtis Dunkin
Description:	

ADEC received and reviewed a letter from the Army Corps of Engineers (USACE) which summarized and outlined USACE-FUDS' internal evaluation and determinations that FUDS will discontinue including POL contaminants in its site characterization and risk evaluation in the estuary as a result of a March 2019 private-party fuel release that resulted in diesel fuel being released to the Buskin River and was subsequently transported and released to the estuary at the Airport Staging Area site.

Action Date:	6/26/2019
Action:	Update or Other Action
DEC Staff:	Curtis Dunkin
Description:	

ADEC received notification from the Army Corps of Engineers (USACE) that the USACE Center for Expertise had made a determination that the characterization and risk assessment data completed to date by the FUDS program was complete and adequate for what USACE-CX determined to be the limits of the FUDS-CERCLA related contamination and that the FUDS program would be terminating the prospective draft 2019-20 Addendum Remedial Investigation Work Plan. ADEC informed USACE that it did not entirely concur with that decision however USACE-FUDS expressed that it would coordinate with ADEC and other stakeholders to address the remaining ongoing concerns.

Action Date:	8/20/2019
Action:	Site Visit
DEC Staff:	Curtis Dunkin
Description:	

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		5/26/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the USCG and AKDOT's draft preliminary technical design documents and provided input and comments through participation in a technical planning meeting for the prospective 2020-21 Kodiak Airport Perimeter Fence Construction Project.						
Action Date:		2/17/2005				
Action:		Site Characterization Report Approved				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed a draft Remedial Investigation Report for the Fire Training Pit Formerly Used Defense Site on Kodiak. 18 monitoring wells were installed and 24 Laser Induced Fluorescence probes were advanced to delineate the plume. The investigation showed Diesel Range Organics and low level Volatile Organic Carbons in a smear zone originating at the Fire Training Pit and extending for about 700' toward the Buskin River. The smear zone contamination is 2-4 feet in thickness due primarily tidal influence from nearby Womens Bay. The plume appears to be in equilibrium. Approximately 20,000 cubic yards of contaminated soils were removed from the Fire training Pit source area in 2001						
Action Date:		6/17/2005				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.						
Action Date:		3/5/2007				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit						
Action Date:		6/14/2007				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak						
Action Date:		7/12/2007				
Action:		Update or Other Action				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed a revised feasibility study for the former Fire Training Pit at the Airport Staging Area Formerly Used Defense Site (FUDS). The site was initially screened for about 45 different remedial technologies. This study evaluated the five that were carried through the draft process and included monitored natural attenuation, excavation with off site disposal, excavation with on site treatment, chemical oxidation and biosparging. The final evaluation will be done after a biosparging pilot test that is currently operating has been completed. The preferred remedy will be presented in the proposed plan for the site						
Action Date:		7/17/2001				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed a site-specific operations plan for a thermal desorption unit. The facility will be used to treat soils on-site from one project, the Fire Training Pit. Approximately 20,000 cubic yards of primarily diesel-contaminated soil will be excavated. Gasoline and some low-level volatiles including TCE are present near the source area.						
Action Date:		9/18/2001				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG notified EPA and ADEC of new SWMU's found during airport improvements. USCG proposes to manage releases and any corrective action under SWMU 16.						
Action Date:		5/10/2002				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in a comment resolution meeting for the Airport Staging Area 2000 Remedial Investigation Report. Additional contaminated DRO soil excavation will be necessary at Building 520 and UST Area Number 2. The Fire Training Pit Area will require extensive soil removal. The Advanced Underwater Research Facility (AUW) will have continued groundwater monitoring for metals. No other contaminants of concern were found at the AUW building.						
Action Date:		5/28/2002				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in an assembly meeting of the Kodiak Island Borough with the Corps of Engineers. One assembly member mentioned that there had been some public concern about a thermal treatment operation that may soon be operating in the Bells Flats area. Residents were concerned about air emissions from the facility. The COE briefed the community and assembly on the planned work for the 2002 season. Staff, the COE and their contractor also performed site inspections at several sites.						
Action Date:		6/25/2002				
Action:		Site Characterization Report Approved				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed an Interim Removal Action Report for the Airport Staging Area for work performed during 2001. Approximately 20,000 cubic yards of DRO and a small amount of PCE contaminated soil were removed from the Site 35 Fire Burn Pit. A down gradient test pit investigation shows contamination still present in the smear zone all the way to the bluff near the Buskin River.						
Buskin Lake Site 12: Staff reviewed a workplan for monitoring well installation at this former drum storage area adjacent to the Buskin River influent to Buskin Lake.						
Action Date:		6/3/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed SPI post treatment sampling report for petroleum contaminated soils. Approved disposal in accordance with operations plan.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 6/6/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.

Action Date: 6/13/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Approve 4000 tons of DRO contaminated soil and 3 tons of investigative derived wastes (soil cuttings) to be transported to SPI-Kodiak for thermal treatment.

Action Date: 7/21/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a draft/final Remedial Investigation report for the Airport Staging Area Formerly Used Defense Site in Kodiak, Alaska. The Fire Training Pit was used as a fire training area in the 1950's and 1960's. Free product was sprayed on the ground and ignited. A 20,000 cubic yard source soil interim removal action was completed in 2001. The area is near the Buskin River and is tidally influenced. A thick smear zone of primarily Diesel Range Organic contamination extends from the former training pit almost to the river. Data seems to show that the plume is attenuating at the edges and there doesn't seem to be current contaminant migration into the estuary. A treatability study is planned for later this summer with a feasibility study this fall to consider remedial options

Action Date: 8/30/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date: 12/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation

Action Date: 9/5/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 8/12/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.						
Action Date:		9/8/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the USCG and ADOT's final 2020 Environmental Management Plan for the Kodiak Airport Perimeter Fencing Upgrades Project and submitted final approval to ADOT and the USCG.						
Action Date:		4/14/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC completed review of the final Site 35 Fire Training Pit Per- and Polyfluoroalkyl Substances (PFAS) 2019 Groundwater Sampling Report (final report dated January 2021), and submitted final approval of the report to the USCG. The report summarizes the USCG's preliminary groundwater investigation efforts that were conducted in 2019; of which the analysis results confirmed that multiple PFAS contaminants are present in groundwater at multiple monitoring well locations across the site. Additional follow on investigations are planned in the future by the USCG who is also conducting a Kodiak USCG Base-wide Preliminary Assessment (PA) effort for known and/or potential areas of concern that are associated with the use and/or discharge of aqueous film forming foam (AFFF). The USCG anticipates distribution of the draft PA report in 2021.						
Action Date:		6/24/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the scoping letter and preliminary project drawings for the Kodiak Airport Rehabilitation Project and submitted general review comments to the Alaska Department of Transportation and Public Facilities.						
Action Date:		7/29/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the revised draft 2021 Kodiak Airport Perimeter Fence Project Environmental Management Plan and submitted review comments to the ADOT&PF and USCG.						
Action Date:		8/5/2021				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.						
Action Date:		12/22/2005				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation						
Action Date:		11/2/2007				
Action:		Site Characterization Report Approved				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects						
Action Date:		3/21/2008				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Initial ranking with ETM completed.						
Action Date:		5/22/2008				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed and commented on a performance report for a biosparging system at a FUDS in Kodiak. The Airport Staging Area Fire Training Pit has been undergoing a pilot study with eight air injection wells in an attempt to enhance biodegradation of a primarily Diesel Range Organic impacted smear zone over a large area below about 12-feet of overburden. Follow up soil and water sampling after 16-months of the system being on don't show a statistically significant decrease in contamination, however visual indications and soil gas measurements show a healthy bacteria population and oxidation changes in the smear zone. The department recommended the system stay on until we get another round of water data to see if any trends develop and to make sure there is no contaminant transport to a nearby estuary						
Action Date:		8/12/2008				
Action:		Site Visit				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site						
Action Date:		8/12/2008				
Action:		Site Visit				
DEC Staff:		Brenton Porter				
Description:						
At the request of the project manager the quality assurance officer was onsite on August 12, 2008 to take part in a site visit. Several sites were inspected including the former fire training pit, and Drury Gulch remediation project. No workplan deviations were noted.						
Action Date:		9/25/2003				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff reviewed a briefing document and participated in a scoping meeting for the Airport Staging Area (ASA) FUDS in Kodiak. The ASA is two sites, the former Fire Training Pit and Building 520. An interim removal action was performed at both sites in 2001. About 20,000 cubic yards of soil impacted with dominantly DRO was removed from the Fire Training Pit and thermally remediated. The scoping meeting was to discuss the remedial strategy to cleanup the remaining downgradient 2-foot thick smear zone that extends toward the Buskin River along with groundwater contamination. The Coast Guard, EPA, and DEC are recommending more site characterization before doing a feasibility study. According to the COE a new Inventory Project Report (INPR) will need to be produced before RI/FS work can be done on the project. The current INPR is for Remedial Action work, so there may be a delay in the process for the INPR to go through COE approval. Petroleum contamination from a former UST at Building 520 has been removed and thermally remediated. Groundwater sampling shows levels below Table C cleanup values at the Building 520 site						
Action Date:		2/4/2004				
Action:		Update or Other Action				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Donald Seagren				
Description:						
Reviewed Site 16, Airport Staging Area, Tank Area 2 Removal Action report for Spring 2003 removal. Additional excavation required. Tentatively scheduled for 2004, pending funding.						
Action Date:		4/26/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in a scoping meeting for the Airport Staging Area FUDS on Kodiak Island. The EPA, Coast Guard (landowner), consultants and DEC participated in the meeting. The site has a large smear zone of DRO and GRO impacted soil and groundwater adjacent to the Buskin River. The purpose of the meeting was to agree on the investigation approach to ensure adequate information to proceed to a feasibility study. We agreed to pursue a soil screening effort using Laser Induced Fluorescence (LIF) verified with a percentage of borings and samples. This information will then be used to plan monitoring well installation. We also discussed the level of effort needed to evaluate ecological risk from contaminant transport to the Buskin River. The point of compliance boundary, sediment sampling, background sampling and tidal influences on groundwater were also discussed						
Action Date:		6/17/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number assigned and entered into the Fileroom DB and CS DB.						
Action Date:		1/19/2006				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light						
Action Date:		4/19/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation						
Action Date:		4/20/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation						
Action Date:		5/24/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 7/28/2004
Action: Site Characterization Workplan Approved
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a workplan for a remedial investigation at the Airport Staging Area Fire Training Pit FUDS in Kodiak. The remedial investigation has been ongoing this summer. A removal action in 2002 removed approximately 20,000 cubic yards of impacted soil from the source area. A plume of dominantly DRO contamination with a thick smear zone has moved downgradient of the Fire Training Pit and toward the Buskin River. The Corps of Engineers has been using a rapid optical screening tool using laser induced fluorescence (LIF) technology to help characterize the site. The LIF is sensitive to PAHs in the contamination and fluoresces in proportion to the concentration. The next phase of work which the subject workplan applies to is the placement of 22 soil borings, 11 monitoring wells and eight sediment samples along depositional areas of the Buskin River. Characterization data will be used to develop a Feasibility Study to decide on a preferred remedy to address the remaining contamination

Action Date: 2/15/1995
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Final RFI/CMS Report submitted. Site is comprised of 7 distinct former AVGAS tanks areas located around the runways. Further investigation warranted at Areas 2, 3, and 6.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Suspected AVGAS contamination.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 26.

Action Date: 2/20/1997
Action: Update or Other Action
DEC Staff: S&W-Miner
Description:

Site added by Shannon and Wilson, Inc.

Action Date: 2/20/1997
Action: Preliminary Assessment Approved
DEC Staff: S&W-Miner
Description:

PA action added by Shannon and Wilson, Inc., on 2/20/97. Based on FUDS Site Summary dated 2/21/96, PA started 9/29/95.

Action Date: 2/8/1999
Action: Meeting or Teleconference Held
DEC Staff: Rich Sundet
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Interactive Planning Meeting, USCG Kodiak Sites, Drury Gulch, Site 2 - Navy Landfill, Site 16 - Airport Staging Area and Kodiak Fuds

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 6/1/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base

Action Date: 5/21/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 11/3/2015
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

CS staff reviewed the draft 2014 Airport Staging Area Groundwater Monitoring Report and submitted comments to the Army Corps of Engineers. The draft monitoring report summarizes the 2014 sampling and analysis activities and results which, along with previous investigation efforts and results will be used to evaluate and determine the path forward and remedy for the site. The 2014 field observations and analytical results indicate that the soil and groundwater petroleum contaminant plumes are steady state and that contaminants are not migrating to the Buskin River and associated estuary.

Action Date: 4/16/2018
Action: CERCLA SI
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2017 Hydraulic Gradient and NAPL Characterization Report (dated February 2018) and submitted its review comments to the Army Corps of Engineers. The report documents the additional remedial investigation activities conducted by the Corps in 2017 to address data gaps including a tidal and hydraulic gradient study, characterization of the NAPL at the site, collection and laboratory analyses of groundwater samples from select monitoring wells that are within the previously existing network, as well as collection and laboratory analyses of soil samples from newly installed soil boring locations within the estuary of the Buskin River.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 8/12/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a comment resolution meeting for a remedial investigation workplan for the Fire Training Pit FUDS in Kodiak. The EPA, Coast Guard, and Corps of Engineers also participated in the meeting. Agreement was reached on the placement of thirteen monitoring wells and ten soil borings. The investigation is designed to fill data gaps and provide adequate information to produce a Feasibility Study. A smear zone approximately four feet thick extends several hundred feet from the source area. Approximately 20,000 cubic yards of impacted soil was excavated from the source area in 2002

Action Date: 6/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a comment resolution meeting for the Airport Staging Area Formerly Used Defense Site on Kodiak Island. A bioventing system with eight injection wells will be installed for an 18 month test. The strategy is to raise the soil gas oxygen concentration to facilitate aerobic bacterial degradation of the primarily Diesel Range Organic contaminant mass. Pre test and post test soil samples will be collected to try to quantify system performance and decide if the remedial alternative is feasible for the entire site

Action Date: 6/21/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a pilot study work plan for the Fire Training Pit Formerly Used Defense Site (FUDS) on Kodiak Island. The feasibility study chosen remedial option is bioventing. The system will have eight injection wells using a pulsed rotation pushing air into one well at a time to keep soil gas oxygen levels elevated. The pulse method will allow the contractor to use a much smaller blower and hence keep operating costs reduced. The test is designed to run 18 months. Pre and post soil sampling will attempt to statistically evaluate contaminant reduction. The inherent heterogeneity of subsurface soil sampling will cause this evaluation to be a challenging part of the test process

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in the USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 9/18/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 2/8/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Review of Work Summary submitted by Jacobs Engineering.

Action Date: 9/15/1999
Action: Interim Removal Action Approved
DEC Staff: Jeff Brownlee
Description:

Site Investigation and Removal Action performed.

Action Date: 11/30/1999
Action: Site Ranked Using the AHRM
DEC Staff: Jeff Brownlee
Description:

Site Ranked based on information from the 1999 Site Investigation and Removal Action.

Action Date: 8/19/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information

Action Date: 9/24/2004
Action: Update or Other Action
DEC Staff: Aggie Blandford
Description:

File number issued 2601.38.073

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 12/15/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed the file and requested an update on any corrective actions that occurred during 2004. Have data on all soil thermally remediated during 2004.

Action Date: 1/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a meeting with the Coast Guard, EPA, Corps of Engineers and contractors to discuss remedial investigations at two Formerly Used Defense Sites on Kodiak. The Fire Training Pit and Building A-711 both have large contaminant masses at the smear zone and are near the Buskin River, a major salmon stream on the island. The 2004 remedial investigations at both sites filled in several data gaps. A list of remedial alternatives was discussed for inclusion in the upcoming Feasibility Studies. The cleanup team decided that a treatability study would be useful to gauge the biological response and area of influence to additives to supplement attenuation. The treatability study is planned for the summer of 2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		3/13/2000				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Draft site investigation report review. RI included AUW Building, Building 520 and three suspected UST sites. Building 520 has unknown quantities of DRO impacted soil near Devils Creek- shallow bedrock. UST site 2 has a large concrete UST base filled with debris and soil. DRO impacted inside and outside - soil and groundwater.						
Action Date:		7/17/2000				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Reviewed IRA work plan for further characterization at Building A-711, Building 520 and UST site 2. A-711 will get seven new wells to help characterize geology and contamination. Building 520 will have about 300 yards impacted soil removed and 4 wells placed to characterize groundwater. Devils Creek is about 200-feet from this site. UST site 2 is a former concrete storage tank approximately 50-feet in diameter and 10-feet high. Five wells will be installed here for groundwater characterization and hot spot soil removal.						
Action Date:		5/3/2001				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed a Draft Remedial Investigation/Removal Action Report for the Airport Staging Area in Kodiak. Four Areas of Concern were investigated including the Advanced Underwater Research (AUW) Facility, Building 520, Tank Area Two and the Fire Training Pit. The COE calculated soil cleanup levels using Method 3, however the Total Organic Carbon input data did not appear statistically valid. We requested more data or a more conservative approach. Tank Area Two and Building 520 will require additional soil removal to meet proposed cleanup levels. The AUW building appears to have no contaminants of concern. The Fire Training Pit has increasing levels of DRO in groundwater and light detections of volatile and semi-volatile organics including TCE. Approximately 20,000 cubic yards of source impacted soil is scheduled to be excavated this summer. The site is adjacent to the Buskin River. One well approaching the river has 0.25 feet of free product. Sentry wells will need to be installed and potential ecological risk to the river and wetlands evaluated.						
Action Date:		5/4/2001				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in a Kodiak Island Borough assembly meeting and public open house in Kodiak. The Corps of Engineers and their contractor, Jacobs engineering also attended. Three potential new sites were inspected based on community input. Overall interest seemed light, which has been normal in Kodiak.						
Action Date:		5/8/2001				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in a comment resolution meeting for the Airport Staging Area 2000 Remedial Investigation Report. Additional contaminated DRO soil excavation will be necessary at Building 520 and UST Area Number 2. The Fire Training Pit Area will require extensive soil removal. The Advanced Underwater Research Facility (AUW) will have continued groundwater monitoring for metals. No other contaminants of concern were found at the AUW building.						
Action Date:		9/25/2018				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.						
Action Date:		2/26/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC reviewed the draft 2019 Groundwater Monitoring Well PFAS Sampling and Analysis Plan and submitted comments to the USCG.

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site included in the USCG Land Use Control Assurance Plan. Site is composed of four separate sites. The site with ICs is Site 35, the Fire Training Pit.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Site is in a controlled area near the airport. ADEC and COE to be notified for soil disturbance/excavation.

37	1 of 1	ENE	0.99 / 5,246.10	70.44 / 7	USCG Lake Louise Drive Release Lake Louise Drive, NE Shore of Lake Louise, Kodiak, AK 99615 AK	SHWS

Hazard ID: 3054
Status: Cleanup Complete
File ID: 2601.38.059
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.764444
Longitude: -152.492222
Horizontal Datum:

Contaminated soils were encountered during road construction at the Lake Louise Housing complex. Heating oil tanks at the housing complex were suspected of causing the contamination. Subsequent investigation confirmed minor contamination at some of the tank sites.

Action Information

Action Date: 12/17/1999
Action: Site Added to Database
DEC Staff: Don Fritz
Description:

Heating Oil.

Action Date: 4/24/2000
Action: Site Ranked Using the AHRM
DEC Staff: Don Fritz
Description:

Initial ranking.

Action Date: 10/2/2003
Action: Site Characterization Report Approved
DEC Staff: Donald Seagren
Description:

Action Date: 10/7/2003
Action: Site Number Identifier Changed
DEC Staff: Donald Seagren
Description:

Changed spill date from 12/20/1996 to 7/15/1998 caused new rekey. Year changed from 1996 to 1998 and Julian Day from 355 to 196.

Action Date: 10/10/2003
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Action Date: 6/22/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Unplottable Summary

Total: 16 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AST	USCG - Integrated Support Command Kodiak	Rezanof Highway	Kodiak AK	99619-5025	872581925
SHWS	USCG Kodiak Site 26 Navy LF Pb	East of Anton Larsen Bay, Road and Landfill, Kodiak, AK 99619	AK		820619463
SHWS	Bayside Gas (AKA Mill Bay G&G)	3833 Rezanof Lane, Kodiak, AK 99615	AK		820620353
SHWS	Kodiak - Buskin Beach Swampy Acres	West of Resanof Drive, between Tom Stiles Road and Pillar Mountain Trail, Kodiak, AK 99615	AK		827231774
SPILLS	Kodiak USCG Base	Rezanof Highway Bldg. T1 <i>Spill ID Case Closed Date:</i> 66888 4/12/2021 12:00:00 AM	Kodiak AK	99615	892784755
SPILLS	Kodiak USCG Base	Rezanof Highway Bldg. T1 <i>Spill ID Case Closed Date:</i> 67030	Kodiak AK	99615	892784735
SPILLS	Rezanof Road	Rezanof Road <i>Spill ID Case Closed Date:</i> 63185	AK		876118047
SPILLS	Kodiak USCG Base	Rezanof Highway Bldg. T1 <i>Spill ID Case Closed Date:</i> 66820 4/2/2021 12:00:00 AM	Kodiak AK	99615	892784883
SPILLS	Kodiak USCG Base	Rezanof Highway Bldg. T1 <i>Spill ID Case Closed Date:</i> 64780 3/3/2020 12:00:00 AM	Kodiak AK	99615	882494838
SPILLS	USCG ES Parking lot.	Rezanof Highway <i>Spill ID Case Closed Date:</i> 66181 10/22/2020 12:00:00 AM	Kodiak AK	99615	885760434
SPILLS	USCG ES Parking lot.	Rezanof Highway	Kodiak AK	99615	882495215

Spill ID | Case Closed Date: 64781 | 3/3/2020 12:00:00 AM

SPILLS	KODIAK COAST GUARD STATE AIRPORT RUNWAY 7		Kodiak AK	99615	820678502
Spill ID Case Closed Date: 6699 12/12/1996 12:00:00 AM					
SPILLS	Rezanof Road	Rezanof Road	AK		820670492
Spill ID Case Closed Date: 44520 9/3/2014 12:00:00 AM					
SPILLS	Rezanof Road	Rezanof Road	AK		820681183
Spill ID Case Closed Date: 31050 4/1/2008 12:00:00 AM					
UST	Kodiak Transfer, Inc.	W Rezanof Dr	Kodiak AK	99615	820639654
Facility ID: 904 DEC Tank ID Status: 1 Permanently Out of Use Closed on 12/1/1989, 2 Permanently Out of Use Closed on 12/1/1989					
UST	ADPS - (Duplicate)	Kodiak Airport Hangar H Block 1700 Lot 2a	Kodiak AK	99615	820641317
Facility ID: 2415 DEC Tank ID Status: 1 Currently in Use					

Unplottable Report

Site: *USCG - Integrated Support Command Kodiak
Rezanof Highway Kodiak AK 99619-5025*

AST

Facility ID: 2129
Plan ID: 2150
Type: Non-crude Terminal
Expiration: 10/27/2024
Latitude:
Longitude:
Owner: U.S. Coast Guard

Tank Details

Tank No: N56-1
ID: 1116
Capacity: 714
Styles: Vertical

Tank Details

Tank No: N10
ID: 112
Capacity: 40000
Styles: Vertical

Tank Details

Tank No: N20
ID: 115
Capacity: 1786
Styles: Vertical

Tank Details

Tank No: N60
ID: 116
Capacity: 40000
Styles: Vertical

Tank Details

Tank No: T-1
ID: 2399
Capacity: 690
Styles: Vertical

Tank Details

Tank No: N19
ID: 114
Capacity: 1786
Styles: Vertical

Tank Details

Tank No: N12
ID: 113
Capacity: 40000
Styles: Vertical

Site: **USCG Kodiak Site 26 Navy LF Pb**
East of Anton Larsen Bay, Road and Landfill, Kodiak, AK 99619 AK

SHWS

Hazard ID: 1050
Status: Cleanup Complete
File ID: 2601.38.034
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Latitude: 57.789227
Longitude: -152.409284
Horizontal Datum: NAD83

Site cleaned 1994. EPA NFA? Last staff assigned was Patrick-Riley.

Action Information

Action Date: 10/6/1994
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

EPA issues closure letter

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Site added to database.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 74.

Action Date: 4/26/2002
Action: Site Characterization Report Approved
DEC Staff: Donald Seagren
Description:

Reviewed Corrective Action Report Fort the Removal of Navy Landfill Waste Pile At U.S. Coast Guard Support Center Kodiak, Alaska.

Action Date: 4/26/2002
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

No further action required. Site closure is consistent with EPA R10 6 October 94 decision to issue closure for this site.

Action Date: 6/18/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 1/22/2013
Action: Site Reopened
DEC Staff:
Description:

Re-opening and assigning to Curtis Dunkin for additional actions.

Action Date: 7/22/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Site: Bayside Gas (AKA Mill Bay G&G)
3833 Rezanof Lane, Kodiak, AK 99615 AK

SHWS

Hazard ID:	23065	Latitude:	57.816852
Status:	Active	Longitude:	-152.354738
File ID:	2601.26.007	Horizontal Datum:	WGS84
Staff:	Jessica Hall, 9072697553 jessica.hall@alaska.gov		
Comments:			

In May of 2004 during a Release Investigation, gasoline range organics (GRO) and benzene, toluene, ethylbenzene, and xylenes (BTEX) soil and groundwater contamination was encountered downgradient of the 4,000-gallon and 2,000-gallon underground storage tanks located at the facility. Five soil borings were advanced and four were developed into groundwater monitoring wells. On September 25, 2006 approximately 90 cubic yards of contaminated soil was excavated around the existing underground storage tanks and stockpiled on site.

Action Information

Action Date: 9/21/2011
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Contaminated Soil Stockpile Disposal Report, dated August 2011, and prepared by Travis/Peterson Environmental Consulting, Inc. The 90 cubic yards of stockpiled contaminated soil was shipped in three different trips to OIT for thermal remediation and disposal. Shipments were conducted on April 25, 2011 consisting of six truckloads of 110.64 tons of soil, May 14, 2011 consisting of six truckloads of 130.57 tons of soil and May 28, 2011 consisting of two truckloads of 47.18 tons of soil. On June 9, 2011 Alaska Resources and Environmental Services, LLC (ARES) performed a Stockpile Closure Investigation in the area of the former 90 cubic yards of stockpiled contaminated soil. Five grab (4 samples and on field duplicate) confirmation soil samples were taken from under the former stockpile area at a depth of 6 inches below ground surface and analyzed for GRO, BTEX and PAHs. All sample results were either non-detect or below the ADEC cleanup levels.

Action Date: 9/22/2011
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated July 6, 2011, from Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on June 9, 2011. Benzene was detected above the groundwater cleanup levels in three of the wells sampled at concentrations of 0.0134 mg/L to 0.398 mg/L and GRO was detected above the groundwater cleanup levels at a concentration of 2.36 mg/L in one of the wells sampled. Semi-annual groundwater monitoring will continue according to the long term monitoring program, with the next sampling event taking place in October of 2011.

Action Date: 12/28/2011
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated November 14, 2011, from Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on October 12, 2011. Benzene was detected above the groundwater cleanup levels in three of the wells sampled at concentrations of 0.0295 mg/L to 0.316 mg/L; with all other analytes either testing below the groundwater cleanup levels or not being detected. Semi-annual groundwater monitoring will continue according to the long term monitoring program, with the next sampling event taking place in June of 2012.

Action Date: 9/24/2012
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated June 12, 2012, prepared by Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on May 4, 2012. Benzene was detected above the groundwater cleanup levels in all four of the wells sampled at concentrations of 0.00513 mg/L to 0.569 mg/L. GRO was detected in monitoring well MW2 at a concentration of 3.56 mg/L. Due to the heavy snowfall during the winter of 2011-2012 the groundwater level in the monitoring wells were higher than normal. Semi-annual groundwater monitoring will continue according to the long term monitoring program, with the next sampling event taking place in October of 2012.

Action Date: 12/26/2012
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated October 19, 2012, from Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on October 5, 2012. Benzene was detected above the groundwater cleanup levels in three of the monitoring wells sampled at concentrations of 0.0135 mg/L to 0.366 mg/L. Kodiak had above average rainfall during the month of September 2012 with 9.64 inches of rainfall, resulting in an increase in groundwater elevation in the site monitoring wells. Long term monitoring will continue with the next sampling event scheduled to be performed in June of 2013.

Action Date: 7/19/2013
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated July 1, 2013, prepared by Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on June 19, 2013. Benzene was detected above the groundwater cleanup levels in three of the monitoring wells sampled at concentrations of 0.0093 mg/L to 0.315 mg/L. Groundwater was measured in wells at depths of 3.08 to 6.83 feet from the top of well casings. Long term monitoring will continue with the next sampling event scheduled to be performed in October of 2013.

Action Date: 12/19/2013
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated September 16, 2013, prepared by Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on September 5, 2013. Benzene was detected above the groundwater cleanup levels in three of the monitoring wells sampled at concentrations of 0.0202 mg/L to 0.245 mg/L. Groundwater levels were higher in the wells, at depths of 2.50 to 5.50 feet from the top of well casings, with increases of 0.58 to 1.33 feet in wells.

Action Date: 7/3/2014
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated June 20, 2014, prepared by Travis/Peterson Environmental Consulting, Inc. The four on-site monitoring wells were sampled on June 4, 2014, with benzene being detected above the groundwater cleanup levels in all four monitoring wells sampled at concentrations of 0.00542 mg/L to 0.0954 mg/L. Groundwater levels were found at depths of 2.80 to 6.20 feet from the top of well casings, with groundwater levels falling from September of 2013 to June of 2014 by 0.30 to 0.70 feet.

Action Date: 3/12/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Decimal Lat/Long coordinates collected from ADEC's Internal GIS map, and entered into database.
57.816852 -152.354738

Action Date: 11/7/2016
Action: Report or Workplan Review - Other
DEC Staff: Paul Horwath
Description:

Receive and review the October 2016 GW Monitoring Report, dated November 7, 2016. GW concentrations gradually declining. Travis Peterson recommends continued long-term GW monitoring.

Action Date: 10/5/2017
Action: Report or Workplan Review - Other
DEC Staff: Paul Horwath
Description:

ADEC reviewed a Travis/Peterson prepared 2017 Groundwater Monitoring Report, and issued a written response expressing ADEC's concurrence with the decommissioning of GW monitoring well MW-1.

Action Date: 12/11/2017
Action: Report or Workplan Review - Other
DEC Staff: Paul Horwath
Description:

Reviewed and approved a Travis/Peterson prepared work plan for the decommissioning of groundwater monitoring well MW-1. Letter issued to Petro Star, Incorporated.

Action Date: 7/11/2018
Action: Report or Workplan Review - Other
DEC Staff: Paul Horwath
Description:

Reviewed the July 10, 2018 Groundwater Monitoring Report, prepared by Travis/Peterson. Benzene and xylene concentrations increasing somewhat in MW-2. Need to watch the xylene concentration in MW-2 in the 2019 groundwater sampling and analysis report.

Action Date: 11/25/2003
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77712

Action Date: 11/25/2003
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

Action Date: 11/25/2003
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 5/19/2004
Action: Release Investigation
DEC Staff: Monica English
Description:

Release investigation conducted by TPECI for UST system. Leaking seal on turbine pump results in contaminated soil and GW.

Action Date: 9/14/2004
Action: Update or Other Action
DEC Staff: Monica English
Description:

Based on review of RI report, ADEC requests a CAP be submitted.

Action Date: 12/1/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.007 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 9/1/2005
Action: Update or Other Action
DEC Staff: Monica English
Description:

Consultant submits a groundwater sampling report.

Action Date: 10/21/2005
Action: Update or Other Action
DEC Staff: Monica English
Description:

ADEC request for a Corrective Action Plan.

Action Date: 12/2/2005
Action: Update or Other Action
DEC Staff: Monica English
Description:

Consultant submits a groundwater sampling report.

Action Date: 3/9/2006
Action: Update or Other Action
DEC Staff: Monica English
Description:

ADEC Comments for the submitted CAP.

Action Date: 4/27/2006
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Monica English
Description:

Corrective Action Plan submitted.

Action Date: 6/8/2006
Action: Update or Other Action
DEC Staff: Monica English
Description:

Conditional approval issued for addressing contaminated soils portion of the CAP.

Action Date: 10/9/2006
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Project manager changed from Monica English to Don Seagren, per Paul Horwath.

Action Date: 11/15/2006
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Donald Seagren
Description:

Reviewed summary report. Soil contamination exceeding cleanup levels remains under UST. Approx 90 yds³ of contaminated soil in long term stockpile awaiting evaluation of remediation options. More detail on GW remediation system to be forthcoming.

Action Date: 3/8/2007
Action: Exposure Tracking Model Ranking
DEC Staff: * Not Assigned
Description:

Action Date: 7/16/2007
Action: Report or Workplan Review - Other
DEC Staff: Donald Seagren
Description:

Reviewed June 2007 monitoring report. 2 MWs exceed cleanup levels for GRO & Benzene. MW1 indicates benzene contamination is migrating on site from an upgradient source. Next monitoring event will be September 07.

Action Date: 4/23/2008
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Paul Horwath
Description:

Reviewed a groundwater treatment system plan prepared by Travis/Peterson Environmental Consulting, Inc., dated February 23, 2007, prepared for Petro Star, Inc., for this LUST site. Pump and treat plan with treated water to be discharged to the City Kodiak PWWT works. Sent an e-mail message to Mike Travis and inquire about the current status of the site and to ensure that there is still a desire to implement this groundwater treatment system plan. Mike Travis responded that they would like to collect another set of groundwater samples this spring and then they would make the decision as to whether or not to undertake GW cleanup measures, or revert to long-term groundwater quality monitoring.

Action Date: 6/13/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.

Action Date: 11/19/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Reviewed the May 2008 Monitoring Event Report, dated May 19, 2008, and the October 2008 Monitoring Event Report, dated October 29, 2008 from Travis/Peterson Environmental Consulting, Inc. for Paul Horwath. The down-gradient extent of the groundwater contamination has not been determined. Additional groundwater monitoring is needed in order to establish groundwater trends.

Action Date: 9/8/2009
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring and Supplemental Investigations Report, dated August 11, 2009 from Travis/Peterson Environmental Consulting Inc. for Paul Horwath. Site conditions are remaining stable with the groundwater concentrations remaining about the same as previous monitoring events. MW-2, the monitoring well down-gradient of the underground storage tanks continues to detect Benzene and GRO above the groundwater cleanup levels. Long term monitoring is recommended, with the next monitoring event to be performed in October of 2009. The surface water samples taken from the drainage ditch along Rezanof Drive did not detect any hydrocarbon contamination, and the drinking water well search performed did not indicate any drinking water wells located 1,000 feet down-gradient of the site, and that all surrounding properties are serviced by the City of Kodiak Public Drinking Water.

Action Date: 10/7/2010
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the August 3, 2010 Mill Bay Gas 'n' Go, former Bayside Gas Groundwater Monitoring Report, from Travis/Peterson Environmental Consulting, Inc. for Paul Horwath. The groundwater concentrations have not changed much since the beginning of the ongoing monitoring in 2007. GRO and benzene remains above the groundwater cleanup levels in monitoring well MW-2, and benzene has been detected in all the other monitoring wells above the groundwater cleanup levels other than MW-1 during the June of 2010 sampling. Continued groundwater monitoring is recommended with the next sampling to be performed in October of 2010.

Action Date: 2/23/2011
Action: Report or Workplan Review - Other
DEC Staff: Alyce Hughey
Description:

Reviewed the Groundwater Monitoring Report, dated December 16, 2010, from Travis/Peterson Environmental Consulting. During the October 14, 2010 groundwater sampling event all four of the monitoring wells detected Benzene and one monitoring well detected GRO above the groundwater cleanup levels. Semi-annual groundwater monitoring continues for further assessing of the groundwater quality at the site.

Action Date: 8/30/2019
Action: Report or Workplan Review - Other
DEC Staff: Sammi Castle
Description:

ADEC received the 2019 "Groundwater Monitoring Report" on August 9, 2019. This report details the sampling of three wells at the Mill Bay Gas 'n' Go site for gasoline range organics (GRO), benzene, toluene, ethylbenzene, and total xylenes (BTEX). Groundwater contaminants exceeding 18 AAC 75.345 Table C cleanup levels include benzene and total xylenes. ADEC provided comments on the report in a letter dated August 30, 2019.

Action Date: 12/11/2019
Action: Update or Other Action
DEC Staff: Jessica Hall
Description:

Received Response to Comments on December 2, 2019 for GW Monitoring Report comment letter sent August 30, 2019.

Action Date: 12/16/2019
Action: Report or Workplan Review - Other
DEC Staff: Jessica Hall
Description:

Sent Approval Letter for Mill Bay Gas 'n' Go Groundwater Monitoring Report Response dated December 2, 2019.

Action Date: 12/19/2019
Action: Update or Other Action
DEC Staff: Jessica Hall
Description:

Reviewed file and had phone discussion with Linda Lewis (Petro Star Inc.), Mike Travis (Travis/Peterson Environmental Consulting, Inc.), and Catherine Bollinger (Petro Star Inc.) regarding path forward. They plan to submit a work plan for the 2020 field efforts and are looking at an eventual Closure with ICs.

Action Date: 3/19/2020
Action: Report or Workplan Review - Other
DEC Staff: Jessica Hall
Description:

ADEC provided comments on the work plan report in a letter dated March 19, 2020.

Action Date: 4/20/2020
Action: Update or Other Action
DEC Staff: Jessica Hall
Description:

Petro Star requests that the Alaska Department of Environmental Conservation approve request to defer 2020 field work at this site to the summer of 2021.

Action Date: 4/23/2020
Action: Update or Other Action

DEC Staff: Jessica Hall
Description:

ADEC sent email to Petro Star approving request to defer 2020 field work at this site to the summer of 2021.

Action Date: 6/15/2020
Action: Site Characterization Workplan Approved
DEC Staff: Jessica Hall
Description:

2021 Work Plan Approval Letter sent to the RP, Petro Star Inc.

Action Date: 6/28/2021
Action: Update or Other Action
DEC Staff: Jessica Hall
Description:

Travis and Peterson is collecting vapor intrusion samples from the structure on site and water samples from existing monitoring wells, and also installing a new well per the work plan.

Site: **Kodiak - Buskin Beach Swampy Acres**
West of Resanof Drive, between Tom Stiles Road and Pillar Mountain Trail, Kodiak, AK 99615 AK

SHWS

Hazard ID: 26438
Status: Active
File ID: 2601.38.117
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Latitude: 57.7713
Longitude: -152.48676
Horizontal Datum: WGS84

Swampy Acres is one of four sites that make up the greater Buskin Beach Formerly Used Defense Site; the other three associated sites are Building A-141, Lube Pits, and Asphalt Disposal Area.

The U.S. Navy used Buskin Beach and the surrounding area from 1939 to 1975 as part of the Kodiak Naval Station Reservation. Fort Greely, the Army Garrison on Kodiak Island, was located on 4,583 acres within the Naval Station Reservation boundary. The U.S. Army occupied the area until Fort Greely was moved to Delta Junction, Alaska on July 1, 1952, and the facilities were transferred to the Navy. Buskin Beach was transferred to the Bureau of Land Management (BLM) on December 1, 1975, and 688 acres was withdrawn from the Naval Reservation pursuant to the Alaska Native Claims Settlement Act.

A Phase I Investigation and site reconnaissance was conducted in 1997. The investigation revealed 81 USTs, 1 lead-acid battery and 2 lead-acid battery casings (from the Lead Battery Site), 11 empty transformer cases, and numerous 55-gallon drums at the Buskin Beach project sites. This was followed by a 1997 Interim Removal Action (IRA) which included removal of USTs, aboveground storage tanks (AST), transformers, drums, and petroleum, oil, and lubricants (POL)-contaminated soil.

Swampy Acres is part of the Greely Road Garrison sub-area, which is currently undeveloped. The site is zoned for residential use. The Buskin Beach road network is currently used for hunting and fishing access, among other recreational activities. The sites can be accessed through the locked gate at the Buskin Beach Lube Pits site; gates and signage limiting vehicle access to the Buskin Beach Lube Pits area were erected in fall 1997.

Remaining contamination associated specifically to the Swampy Acres portion of the Buskin Beach FUDS (as of 2015) includes lead in sediment, soil, and groundwater and petroleum contamination in soil and groundwater. Site characterization, remediation, and monitoring efforts by the Army Corps of Engineers is ongoing.

Action Information

Action Date: 8/28/2015
Action: Site Added to Database
DEC Staff: Mitzi Read
Description:

A new site has been added to the database

Action Date: 3/6/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed EPA's draft 2017 Natives of Kodiak Redevelopment Area Phase I Environmental Assessment Report and submitted its comments to the EPA.

Action Date: 6/28/2018
Action: CERCLA FS
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2018 CERCLA FS for the Lead Battery Site and submitted comments to the Army Corps of Engineers.

Action Date: 12/18/2018
Action: CERCLA FS
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed and provided determinations to the Army Corps of Engineers (USACE) for the responses to comments on the draft 2018 Lead Battery Site FS. ADEC also reviewed the revised FS and supplemental addendum document for the project and participated in a comment resolution meeting with USACE.

Action Date: 11/26/2019
Action: CERCLA SI
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2019 POL Sites Compilation Report and submitted comments to the Army Corps of Engineers.

Action Date: 1/17/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning and comment resolution meeting with representatives from USACE and their contracted technical support team for the draft 2019 Compilation Report for the 60+ identified petroleum sites and areas of concern. ADEC completed its review of the responses to comments and resolution determinations and submitted approvals for USACE to finalize the report.

Action Date: 4/8/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Coast Guard, Natives of Kodiak, and US Bureau of Land Management.

Action Date: 8/7/2020
Action: CERCLA Proposed Plan
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft July 2020 Lead Battery Site Proposed Plan and submitted comments to the Army Corps of Engineers.

Action Date: 8/11/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all four Kodiak Buskin Beach and the Burma Road Formerly Used Defense Sites.

Action Date: 11/5/2020
Action: CERCLA Proposed Plan
DEC Staff: Curtis Dunkin
Description:

ADEC completed its review of the responses to comments and submitted its review determinations to the Army Corps of Engineers for the draft July 2020 Lead Battery Site Proposed Plan.

Action Date: 1/20/2021
Action: CERCLA Proposed Plan
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an online virtual public meeting that was organized and presented by the Army Corps of Engineers and their contracted technical support. The meeting presented the final proposed plan, including the selected remedy, paths forward, and prospective implementation schedule for the Lead Battery Site.

Site: Kodiak USCG Base
Rezanof Highway Bldg. T1 Kodiak AK 99615

SPILLS

Spill ID:	66888	Latitude:	
Spill No:	21249910201	Longitude:	
Spill Date:	4/12/2021 12:00:00 AM	Address1:	Rezanof Highway
Facility Type:	Military Installation	Address2:	Bldg. T1
Facility Sub Type:	Base/Post/Other	City:	Kodiak
Case Closed Date:	4/12/2021 12:00:00 AM	Zip Code:	99615
Response:	Phone Follow-up	Area:	Central Alaska
Location:	USCG Kodiak	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	USCG Base Kodiak 30 gal JP5 Overfill		
Source Type:	Tank, Other, Mobile		

Spill Detail(s)

Substance Subtype:	Aviation Fuel	Cause Subtype:	Overfill
Quantity Released:	30.000	Cause Type:	Human Factors
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	USCG Kodiak - ,		

Site: Kodiak USCG Base
Rezanof Highway Bldg. T1 Kodiak AK 99615

SPILLS

Spill ID:	67030	Latitude:	
Spill No:	21249909701	Longitude:	
Spill Date:	4/7/2021 12:00:00 AM	Address1:	Rezanof Highway
Facility Type:	Military Installation	Address2:	Bldg. T1
Facility Sub Type:	Base/Post/Other	City:	Kodiak
Case Closed Date:		Zip Code:	99615
Response:		Area:	Central Alaska
Location:	USCG Kodiak	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	MOSRL: USCG Kodiak Transmission Fluid Spill 4/7		
Source Type:	Tank, Other, Mobile		

Spill Detail(s)

Substance Subtype:	Transmission Oil	Cause Subtype:	Line Failure
Quantity Released:	1.000	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	USCG Base Kodiak - ,		

Site: Rezanof Road
Rezanof Road AK

SPILLS

Spill ID:	63185	Latitude:	57.80028
Spill No:	19249916901	Longitude:	-152.375246
Spill Date:	6/18/2019 12:00:00 AM	Address1:	Rezanof Road
Facility Type:	Unknown	Address2:	
Facility Sub Type:		City:	
Case Closed Date:		Zip Code:	
Response:	Phone Follow-up	Area:	Central Alaska

Location:	KODIAK CITY	Sub Area:	Kodiak Island
Location Data:	Site	Region:	Kodiak
Spill Name:	Kodiak PKIMC Rezanof Drive Storm Drain Fuel Cont.		
Source Type:	Unknown		

Spill Detail(s)

Substance Subtype:	Diesel	Cause Subtype:	Unknown
Quantity Released:	0.100	Cause Type:	Unknown
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	- , Unknown		

Site: **Kodiak USCG Base**
Rezanof Highway Bldg. T1 Kodiak AK 99615

SPILLS

Spill ID:	66820	Latitude:	
Spill No:	21249908702	Longitude:	
Spill Date:	3/28/2021 12:00:00 AM	Address1:	Rezanof Highway
Facility Type:	Military Installation	Address2:	Bldg. T1
Facility Sub Type:	Base/Post/Other	City:	Kodiak
Case Closed Date:	4/2/2021 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	USCG Kodiak	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	MOSRL: USCG Base Kodiak Diesel Release 3/28		
Source Type:	Tank, Other, Mobile		

Spill Detail(s)

Substance Subtype:	Diesel	Cause Subtype:	Other
Quantity Released:	2.500	Cause Type:	Other
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	USCG Base Kodiak - ,		

Site: **Kodiak USCG Base**
Rezanof Highway Bldg. T1 Kodiak AK 99615

SPILLS

Spill ID:	64780	Latitude:	
Spill No:	20249904401	Longitude:	
Spill Date:	2/13/2020 12:00:00 AM	Address1:	Rezanof Highway
Facility Type:	Military Installation	Address2:	Bldg. T1
Facility Sub Type:	Base/Post/Other	City:	Kodiak
Case Closed Date:	3/3/2020 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	USCG Kodiak	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	MOSRL: Leak Boiler USCG Kodiak Diesel		
Source Type:	Other		

Spill Detail(s)

Substance Subtype:	Diesel	Cause Subtype:	Leak
Quantity Released:	1.000	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	USCG Base Kodiak - ,		

Site: **USCG ES Parking lot.**
Rezanof Highway Kodiak AK 99615

SPILLS

Spill ID:	66181	Latitude:	
Spill No:	20249929501	Longitude:	
Spill Date:	10/21/2020 12:00:00 AM	Address1:	Rezanof Highway
Facility Type:	Vehicle	Address2:	

Facility Sub Type:		City:	Kodiak
Case Closed Date:	10/22/2020 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	USCG Kodiak	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	CG Base Kodiak Antifreeze Parking lot		
Source Type:	Other		

Spill Detail(s)

Substance Subtype:	Ethylene Glycol (Antifreeze)	Cause Subtype:	Equipment Failure
Quantity Released:	1.500	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Hazardous Substance
Responsible Party:	U.S. Coast Guard - NO ENTRY, NO ENTRY		

Site: **USCG ES Parking lot.**
Rezanof Highway Kodiak AK 99615

SPILLS

Spill ID:	64781	Latitude:	
Spill No:	20249904501	Longitude:	
Spill Date:	2/14/2020 12:00:00 AM	Address1:	Rezanof Highway
Facility Type:	Vehicle	Address2:	
Facility Sub Type:		City:	Kodiak
Case Closed Date:	3/3/2020 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	USCG Kodiak	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	MOSRL: USCG Kodiak Leak Grader Oil		
Source Type:	Other		

Spill Detail(s)

Substance Subtype:	Engine Lube/Gear Oil	Cause Subtype:	Hull Failure
Quantity Released:	2.000	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	USCG Base Kodiak - ,		

Site: **KODIAK COAST GUARD STATE AIRPORT RUNWAY 7**
Kodiak AK 99615

SPILLS

Spill ID:	6699	Latitude:	57.78813829298
Spill No:	96249932701	Longitude:	-152.404956568964
Spill Date:	11/22/1996 12:00:00 AM	Address1:	
Facility Type:	Air Transportation	Address2:	
Facility Sub Type:	Aircraft	City:	Kodiak
Case Closed Date:	12/12/1996 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	KODIAK CITY	Sub Area:	Kodiak Island
Location Data:	Facility	Region:	Kodiak
Spill Name:			
Source Type:			

Spill Detail(s)

Substance Subtype:	Aviation Fuel	Cause Subtype:	Human Error
Quantity Released:	4.000	Cause Type:	Human Factors
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	US COAST GUARD - NO ENTRY, NO ENTRY		

Site: **Rezanof Road**
Rezanof Road AK

SPILLS

Spill ID:	44520	Latitude:	

Spill No:	14249923701	Longitude:	
Spill Date:	8/25/2014 12:00:00 AM	Address1:	Rezanof Road
Facility Type:	Other	Address2:	
Facility Sub Type:		City:	
Case Closed Date:	9/3/2014 12:00:00 AM	Zip Code:	
Response:	Phone Follow-up	Area:	Central Alaska
Location:	KODIAK CITY	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	DOT Rezanof drive hydraulic line spill		
Source Type:	Heavy Equipment		

Spill Detail(s)

Substance Subtype:	Hydraulic Oil	Cause Subtype:	Line Failure
Quantity Released:	5.000	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	Kodiak DOT - McNiel, Bruce		

Site: Rezanof Road
Rezanof Road AK

SPILLS

Spill ID:	31050	Latitude:	
Spill No:	08249909001	Longitude:	
Spill Date:	3/30/2008 12:00:00 AM	Address1:	Rezanof Road
Facility Type:	Other	Address2:	
Facility Sub Type:		City:	
Case Closed Date:	4/1/2008 12:00:00 AM	Zip Code:	
Response:	Phone Follow-up	Area:	Central Alaska
Location:	KODIAK CITY	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	Kodiak Rezanof Road Diesel		
Source Type:	Unknown		

Spill Detail(s)

Substance Subtype:	Diesel	Cause Subtype:	Unknown
Quantity Released:	20.000	Cause Type:	Unknown
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	Unknown - ,		

Site: Kodiak Transfer, Inc.
W Rezanof Dr Kodiak AK 99615

UST

Facility ID: 904
Facility Type: Truck/Transporter
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Diesel	Piping Rel Detect:	Not Listed
Capacity:	2000 gallons	Tank Rel Det:	Not Listed
Age:	8.6	Spill Prevent Met:	No
Date Installed:	4/21/1981	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 12/1/1989		
LD Other Methods:			

DEC Tank ID:	2	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2	Pipe Mat Constr:	Bare Steel

Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	1000 gallons	Tank Rel Det:	Not Listed
Age:	8.6	Spill Prevent Met:	No
Date Installed:	4/21/1981	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 12/1/1989		
LD Other Methods:			

Owner Detail(s)

Site Name:	Kodiak Transfer, Inc.	Owner ID:	698
Location:	W Rezanof Dr	Owner Name:	Kodiak Transfer, Inc.
Facility Type:	Truck/Transporter	Owner 1:	Kodiak Transfer, Inc.
Owner Address:	W Rezanof Dr Kodiak, AK 99615		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	698
Tank Capacity:	2000	Owner Name:	Kodiak Transfer, Inc.
Facility Type:	Truck/Transporter	Owner Address:	W Rezanof Dr
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99615
Date Installed:	4/21/1981		

Tank ID:	2	Owner ID:	698
Tank Capacity:	1000	Owner Name:	Kodiak Transfer, Inc.
Facility Type:	Truck/Transporter	Owner Address:	W Rezanof Dr
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99615
Date Installed:	4/21/1981		

Site: **ADPS - (Duplicate)**
Kodiak Airport Hangar H Block 1700 Lot 2a Kodiak AK 99615

UST

Facility ID: 2415
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Not Listed
Owner Tank ID:		Pipe Mat Constr:	Not Listed
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Available	Scndry Cont Opt (Tk):	None
Regulated Tank:	No	Scndry Cont Opt (Pp):	None
Product:	Not Listed	Piping Rel Detect:	Not Listed
Capacity:	gallons	Tank Rel Det:	Not Listed
Age:		Spill Prevent Met:	No
Date Installed:		Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Currently in Use		
LD Other Methods:			

Owner Detail(s)

Site Name:	ADPS - (Duplicate)	Owner ID:	9262
Location:	Kodiak Airport Hangar H Block 1700 Lot 2a	Owner Name:	ADPS - Alaska Dept of Public Safety
Facility Type:	Unknown	Owner 1:	ADPS - Alaska Dept of Public Safety
Owner Address:	5700 E Tudor Road Anchorage, AK 99507		

Tank and Owner Detail(s)

Tank ID: 1
Tank Capacity:
Facility Type: Unknown
Tank Status Desc: Currently in Use
Substance: Not Listed
Regulated: No
Date Installed:

Owner ID: 9262
Owner Name: ADPS - Alaska Dept of Public Safety
Owner Address: 5700 E Tudor Road
Owner City: Anchorage
Owner State: AK
Owner Zip: 99507

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

[NPL](#)

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Aug 25, 2021

National Priority List - Proposed:

[PROPOSED NPL](#)

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Aug 25, 2021

Deleted NPL:

[DELETED NPL](#)

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

Government Publication Date: Aug 25, 2021

SEMS List 8R Active Site Inventory:

[SEMS](#)

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Jul 29, 2021

Inventory of Open Dumps, June 1985:

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:[SEMS ARCHIVE](#)

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Jul 29, 2021

EPA Report on the Status of Open Dumps on Indian Lands:[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Comprehensive Environmental Response, Compensation and Liability Information System -[CERCLIS](#)**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:[RCRA CORRACTS](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jun 14, 2021

RCRA non-CORRACTS TSD Facilities:[RCRA TSD](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jun 14, 2021

RCRA Generator List:[RCRA LQG](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jun 14, 2021

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jun 14, 2021

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jun 14, 2021

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jun 14, 2021

Federal Engineering Controls-ECs:[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 23, 2021

Federal Institutional Controls- ICs:[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Feb 23, 2021

Land Use Control Information System:[LUCIS](#)

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Emergency Response Notification System:[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:[ERNS 1987 TO 1989](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:[ERNS](#)

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jul 26, 2021

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

[FED BROWNFIELDS](#)

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing:

[FEMA UST](#)

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

[FRP](#)

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property:

[SEMS LIEN](#)

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Jul 29, 2021

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 28, 2021

State

Contaminated Sites Program Database:

[SHWS](#)

A list of current and past Contaminated Sites and Leaking Underground Storage Tank (LUST) sites in the state of Alaska. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program. This database is state equivalent CERCLIS.

Government Publication Date: Sep 9, 2021

Delisted Contaminated Sites Program Database:

DELISTED SHWS

This database contains a list of closed Contaminated Sites and Leaking Underground Storage Tank sites that were removed from the Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Sep 9, 2021

Solid Waste Information Management System Database:

SWF/LF

List of sites in the Alaska Department of Environmental Conservation (ADEC) Solid Waste Program's Solid Waste Information Management System (SWIMS), which contains information on landfills, solid waste treatment facilities, and solid waste storage facilities in Alaska.

Government Publication Date: Jun 11, 2021

Leaking Underground Storage Tanks Site List:

LUST

A list of Leaking Underground Storage Tank (LUST) sites in the state of Alaska. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Sep 9, 2021

Delisted Leaking Storage Tanks:

DELISTED LST

List of leaking storage tank sites that once appeared on - and have since been removed from - the Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Sep 9, 2021

Underground Storage Tanks Site List:

UST

A list of facilities with Underground Storage Tanks (USTs) registered with Industry Preparedness Program of the Division Spill Prevention and Response (SPAR) in the state of Alaska. This list has been made available by Alaska Department of Environmental Conservation.

Government Publication Date: Aug 3, 2021

Bulk Fuel Inventory:

TANK

List of locations found in the Bulk Fuel Inventory made available by the Alaska Division of Community and Regional Affairs (DCRA). The inventory is comprised of records provided by different agencies which will eventually serve as a comprehensive list of all bulk fuel facilities currently known in Alaska. DRCA notes that the locations of bulk fuel facilities as noted by the points may not be in the exact location, and that the list is not yet comprehensive.

Government Publication Date: Apr 1, 2021

Regulated Aboveground Storage Tanks:

AST

List of regulated terminal facilities with regulated aboveground storage tanks in Alaska made available by the Spill Prevention and Response Division of the Alaska Department of Environmental Conservation. Regulated tanks are greater than 10,000 gallons in storage capacity and are located on regulated facilities. Includes Noncrude Terminal Facility and Crude Terminals. Some site location addresses are owner or head office addresses which may or may not coincide with the physical location of the tank(s).

Government Publication Date: Sep 21, 2020

Delisted Storage Tanks:

DTNK

This database contains a list of storage tank sites that were removed from the Industry Preparedness Program of the Division Spill Prevention and Response (SPAR), Alaska Department of Environmental Conservation.

Government Publication Date: Aug 3, 2021

Sites with Engineering Controls:

ENG

List of sites in the Alaska Department of Environmental Conservation (ADEC)'s Contaminated Sites Program database at which there are engineering controls.

Government Publication Date: Sep 9, 2021

Sites with Institutional Controls:

INST

List of sites in the Alaska Department of Environmental Conservation (ADEC)'s Contaminated Sites Program database at which there are institutional controls.

Government Publication Date: Sep 9, 2021

Voluntary Cleanup Program Sites:

VCP

A list of sites that participated in the Voluntary Cleanup Program (VCP) in Alaska, which is no longer active in the state. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Jun 28, 2013

Brownfields:

BROWNFIELDS

A list of Brownfields sites in the state of Alaska, made available by the Alaska Department of Environmental Conservation. Any property potentially contaminated, previously contaminated, or perceived by a community to be contaminated with hazardous substances, including petroleum products, may be eligible for assistance from the State of Alaska to support reuse and revitalization efforts.

Government Publication Date: Oct 1, 2021

Tribal**Leaking Underground Storage Tanks (LUST) on Indian Lands:**

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 10, which includes Alaska.

Government Publication Date: Apr 14, 2020

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 10, which includes Alaska.

Government Publication Date: Apr 14, 2020

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources**Federal****PFOA/PFOS Contaminated Sites:**

PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Sep 17, 2021

Facility Registry Service/Facility Index:

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality:

PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Oct 5, 2020

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Jun 25, 2021

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jun 14, 2021

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 3, 2020

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Dec 18, 2020

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2006

Uranium Mill Tailings Radiation Control Act Sites:

URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Jul 12, 2021

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 19, 2020

State**Spill Prevention and Response Online Spills Database:**

SPILLS

Statewide Oil and Hazardous Substance Spills Database that contains records between July 1, 1995 to present. Records for spills prior to July 1, 1995 exist in the database but may not be accurate or complete. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Division of Spill Prevention and Response.

Government Publication Date: Sep 1, 2021

Per- and Polyfluoroalkyl Substances (PFAS):

PFAS

A list of sites in the Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program where one or more of the compounds of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA). In 2016, The Alaska Department of Environmental Conservation (ADEC) published cleanup levels for PFOS and PFOA. In 2018, ADEC set action levels for six PFAS compounds, including PFOS and PFOA. In Alaska, when PFAS contamination is found in the environment, the responsible party must evaluate the extent of the contamination in the soil and groundwater, determine whether and to what extent drinking water supplies are impacted, provide treatment or alternative water if action levels are exceeded, and begin cleanup with ADEC's oversight.

Government Publication Date: Apr 4, 2021

Illegal Drug Manufacturing Sites List:

CDL

A list of the properties that have been identified as illegal drug manufacturing sites by Alaska law enforcement agencies. This list has been made available by Alaska Department of Environmental Conservation.

Government Publication Date: Jul 19, 2021

Dry Cleaning Facilities:

DRYCLEANERS

A list of laundry/dry cleaner sites in Alaska. This list is provided by the Department of Environmental Conservation.

Government Publication Date: Sep 9, 2021

Delisted Dry Cleaning Facilities:

DELISTED DRYCLEANERS

A list of laundry/dry cleaner sites that are removed from the Department of Environmental Conservation in Alaska.

Government Publication Date: Sep 9, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



Property Information

Order Number: 21102200602p
Date Completed: October 23, 2021
Project Number: 2658.13
Project Property: Kodiak Airport Structure Removal
Lot 3, Block 1400, Airport Way Kodiak AK
Coordinates:
Latitude: 57.75563031
Longitude: -152.51420989
UTM Northing: 57.7556303139 Meters
UTM Easting: -152.514209889 Meters
UTM Zone: UTM Zone 05V
Elevation: 63.62 ft
Slope Direction:

Topographic Information.....	2
Hydrologic Information.....	4
Geologic Information.....	7
Soil Information.....	9
Wells and Additional Sources.....	11
Summary.....	12
Detail Report.....	14
Radon Information.....	57
Appendix.....	58
Liability Notice.....	60

The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information

There is not any current topographic map available in this area.

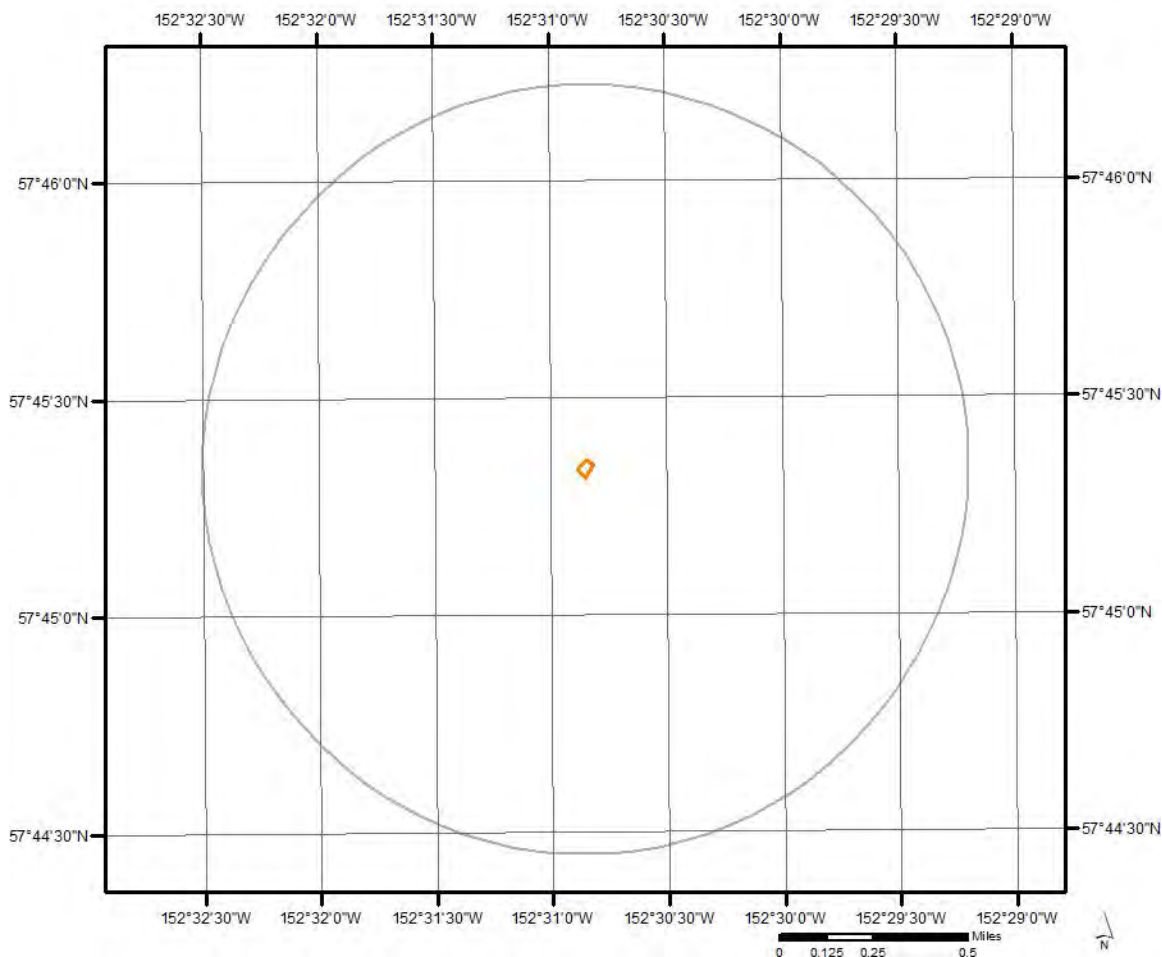
Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 63.62 ft

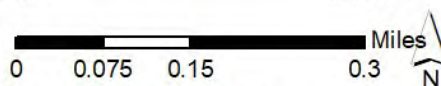
Slope Direction:



Hydrologic Information



Wetland



This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

 Estuarine and Marine Deepwater	 Freshwater Pond
 Estuarine and Marine Wetland	 Lake
 Freshwater Emergent Wetland	 Other
 Freshwater Forested/Shrub Wetland	 Riverine



Hydrologic Information

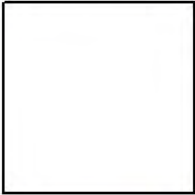


Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

	A		AO		X
	A99		V		OPEN WATER
	AE		VE		NOT POPULATED
	AH		D		AREA NOT INCLUDED

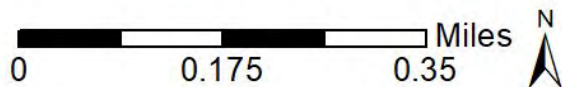


Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

No records found for the project property or surrounding properties.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

No records found for the project property or surrounding properties.

Soil Information

Soil Information

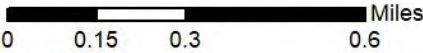
The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

No records found for the project property or surrounding properties.

Wells and Additional Sources



Wells & Additional Sources



▲ Sites with Higher Elevation	▲ OGW Sites with Higher Elevation
■ Sites with Same Elevation	■ OGW Sites with Same Elevation
▼ Sites with Lower Elevation	▼ OGW Sites with Lower Elevation
○ Sites with Unknown Elevation	● OGW Sites with Unknown Elevation



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
No records found			

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
No records found			

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
1	USGS-574524152304001	85.43	ENE
2	USGS-574522152304801	179.65	WSW
3	USGS-574526152303501	423.43	NE
4	USGS-574530152304600	629.51	NNW
5	USGS-15297437	644.00	NNW
6	USGS-574520152303001	717.14	ESE
7	USGS-574531152304901	777.17	NNW
8	USGS-574522152303800	816.58	SE
9	USGS-574532152304001	828.39	N
10	USGS-574532152304701	844.58	NNW
11	USGS-574533152304901	951.39	NNW
12	USGS-574534152304501	981.44	N
13	USGS-574513152303101	1107.34	SSE
14	USGS-574535152305301	1266.22	NNW
15	USGS-15297436	1314.29	NNW
16	USGS-574536152302301	1605.59	NE
17	USGS-574504152304201	1793.78	S
18	USGS-574536152310900	1851.03	NW
19	USGS-574505152304200	1865.39	S
20	USGS-574538152301000	1865.75	NE
21	USGS-574544152310001	2224.83	NNW
22	USGS-574546152304200	2235.45	N
23	USGS-574547152305000	2365.61	N
24	USGS-574548152305400	2506.81	NNW
25	USGS-574520152295301	2649.59	E
26	USGS-574552152304701	2844.63	N
27	USGS-574553152305200	2983.90	N
28	USGS-574553152302700	3067.39	NNE
29	USGS-574554152305901	3164.12	NNW
30	USGS-574540152313601	3262.95	WNW
31	USGS-574554152310601	3286.27	NNW
32	USGS-574522152294000	3333.36	E
33	USGS-15297439	3336.25	SSW
34	USGS-15297440	3361.29	NNW
35	USGS-574519152293901	3415.72	E
36	USGS-574553152300901	3462.12	NNE
37	USGS-574557152302601	3472.81	NNE
38	USGS-574551152300300	3473.51	NE
39	USGS-574556152310801	3515.15	NNW
40	USGS-574448152310301	3577.01	SSW
41	USGS-574559152310400	3727.71	NNW

Wells and Additional Sources Summary

42	USGS-574517152293001	3929.34	E
43	USGS-574558152302200	4111.61	NNE
44	USGS-574605152304101	4164.14	N
45	USGS-574603152301701	4199.91	NNE
46	USGS-574501152293601	4215.46	ESE
47	USGS-574450152295201	4254.59	SE
48	USGS-574602152301701	4295.32	NNE
49	USGS-574446152300000	4317.61	SSE
50	USGS-574457152293801	4342.25	SE
51	USGS-574608152303701	4478.49	N
52	USGS-574443152300301	4494.15	SSE
53	USGS-574603152303000	4505.65	N
54	USGS-574600152295200	4562.61	NE
55	USGS-574610152304001	4672.84	N
56	USGS-574514152291501	4785.69	E
57	USGS-574442152295501	4805.78	SSE
58	USGS-574612152304300	4873.33	N
59	USGS-574612152304500	4874.78	N
60	USGS-574610152311700	5015.41	NNW

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Public Water Systems

Map Key	ID	Distance (ft)	Direction
No records found			

Well Log Tracking System

Map Key	ID	Distance (ft)	Direction
No records found			

Wells and Additional Sources Detail Report

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	ENE	0.02	85.43	64.03	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	21.2	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	24	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680930	Latitude:	57.7559131
Source Map Scale:	63360	Longitude:	-152.5133003
Monitoring Loc Name:	SC02802015BBAC1 002		
Monitoring Loc Identifier:	USGS-574524152304001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	WSW	0.03	179.65	63.53	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	37.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	39.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880121	Latitude:	57.7553575
Source Map Scale:	1000	Longitude:	-152.5155227
Monitoring Loc Name:	SC02802015BBCB1 005		
Monitoring Loc Identifier:	USGS-574522152304801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	44.6		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NE	0.08	423.43	59.60	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	35	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	35	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19681001	Latitude:	57.7564687
Source Map Scale:	63360	Longitude:	-152.5119113
Monitoring Loc Name:	SC02802015BBAA1 003		
Monitoring Loc Identifier:	USGS-574526152303501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 100.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 50
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NNW	0.12	629.51	63.86	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.75758
 Source Map Scale: Longitude: -152.514967
 Monitoring Loc Name: BUSKIN R AT KODIAK ISLAND HWY NR KODIAK AK
 Monitoring Loc Identifier: USGS-574530152304600
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNW	0.12	644.00	63.81	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.75758
Source Map Scale:	63360	Longitude:	-152.5152448
Monitoring Loc Name:	BUSKIN R 0.3MI AB DEVILS C NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297437		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:	18.9		
Drainage Area Unit:	sq mi		
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	50		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	ESE	0.14	717.14	59.36	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	45.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	45.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680927	Latitude:	57.7548018
Source Map Scale:	63360	Longitude:	-152.5105224
Monitoring Loc Name:	SC02802015BACB1 001		
Monitoring Loc Identifier:	USGS-574520152303001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 100.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 50
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NNW	0.15	777.17	66.18	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	23.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	24	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880419	Latitude:	57.7578578
Source Map Scale:	1000	Longitude:	-152.5158003
Monitoring Loc Name:	SC02802010CCCC1 009		
Monitoring Loc Identifier:	USGS-574531152304901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	29.5		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SE	0.15	816.58	60.66	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7542462
Source Map Scale:		Longitude:	-152.5105225
Monitoring Loc Name:	DEVILS C BL RUNWAY NR MOUTH NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574522152303800		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	N	0.16	828.39	62.12	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	37	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	37	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19681002	Latitude:	57.7581356
Source Map Scale:	63360	Longitude:	-152.5133002
Monitoring Loc Name:	SC02802010CCCA1 003		
Monitoring Loc Identifier:	USGS-574532152304001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NNW	0.16	844.58	67.09	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	17.7	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	20081022	Latitude:	57.7581634
Source Map Scale:	63360	Longitude:	-152.5151336
Monitoring Loc Name:	SC02802010ACCC1 013 MW-34-041		
Monitoring Loc Identifier:	USGS-574532152304701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)
 Horiz Coord Refer System: NAD83
 Vertical Measure: 33
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NNW	0.18	951.39	67.71	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	14	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	14	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19950912	Latitude:	57.7583579
Source Map Scale:	63360	Longitude:	-152.5158559
Monitoring Loc Name:	SC02802010CCCC2 009 MW-14-006		
Monitoring Loc Identifier:	USGS-574533152304901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	33.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	N	0.19	981.44	66.60	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	17	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	22	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	20041004	Latitude:	57.7585801
Source Map Scale:	163360	Longitude:	-152.5146336
Monitoring Loc Name:	SC02802010ACCC2 013 MW-34-033		
Monitoring Loc Identifier:	USGS-574534152304501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	37		
Vertical Measure Unit:	feet		
Vertical Accuracy:	1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	SSE	0.21	1,107.34	69.36	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	19	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	19	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880418	Latitude:	57.7528572
Source Map Scale:	1000	Longitude:	-152.5108004
Monitoring Loc Name:	SC02802015BCAD1 012		
Monitoring Loc Identifier:	USGS-574513152303101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 56.6
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NNW	0.24	1,266.22	69.87	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	27.5	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	27.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	20000712	Latitude:	57.7590524
Source Map Scale:	63360	Longitude:	-152.5169392
Monitoring Loc Name:	SC02802009DDDD1 006 MW-14-010		
Monitoring Loc Identifier:	USGS-574535152305301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	37.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NNW	0.25	1,314.29	70.66	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7590246
Source Map Scale:	63360	Longitude:	-152.5175782
Monitoring Loc Name:	BUSKIN R 0.4MI AB DEVILS C NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297436		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	50		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.30	1,605.59	65.38	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	12	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880121	Latitude:	57.7592468
Source Map Scale:	1000	Longitude:	-152.5085776
Monitoring Loc Name:	SC02802010CDBC1 005		
Monitoring Loc Identifier:	USGS-574536152302301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	24.4		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	S	0.34	1,793.78	112.81	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	5.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	6	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880218	Latitude:	57.7503568
Source Map Scale:	1000	Longitude:	-152.5138563
Monitoring Loc Name:	SC02802015BCCD1 006		
Monitoring Loc Identifier:	USGS-574504152304201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure: 66.2
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NW	0.35	1,851.03	69.56	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7592469
 Source Map Scale: Longitude: -152.5213562
 Monitoring Loc Name: UNNAMED TRIB 2 TO BUSKIN R NR KODIAK AK
 Monitoring Loc Identifier: USGS-574536152310900
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	S	0.35	1,865.39	114.04	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7501667
Source Map Scale:	63360	Longitude:	-152.5136389
Monitoring Loc Name:	DEVILS C AB RUNWAY BL HWY NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574505152304200		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:	4.01		
Drainage Area Unit:	sq mi		
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from Digital MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100		
Vertical Measure Unit:	feet		
Vertical Accuracy:	25		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	NE	0.35	1,865.75	67.25	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7598025
Source Map Scale:		Longitude:	-152.507744
Monitoring Loc Name:	LK LOUISE OUTLET NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574538152301000		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	NNW	0.42	2,224.83	65.98	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	29	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	33	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19681001	Latitude:	57.7614694
Source Map Scale:	63360	Longitude:	-152.5188559
Monitoring Loc Name:	SC02802009DADA1 002		
Monitoring Loc Identifier:	USGS-574544152310001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.
Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.42	2,235.45	63.77	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.762025
Source Map Scale:		Longitude:	-152.5138555
Monitoring Loc Name:	RED LK INLET DITCH SE NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574546152304200		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	N	0.45	2,365.61	63.28	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	Latitude:	57.7623028
Source Map Scale:	Longitude:	-152.5160778
Monitoring Loc Name:	RED LK NR KODIAK AK	
Monitoring Loc Identifier:	USGS-574547152305000	
Monitoring Loc Type:	Lake, Reservoir, Impoundment	
Monitoring Loc Desc:		
HUC Eight Digit Code:	19020701	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	Unknown	
Horizontal Accuracy Unit:	Unknown	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:		
Vertical Measure Unit:		
Vertical Accuracy:		
Vertical Accuracy Unit:		
Vertical Collection Mthd:		
Vert Coord Refer System:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	NNW	0.47	2,506.81	66.05	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7625806
Source Map Scale:		Longitude:	-152.517189
Monitoring Loc Name:	RED LK OUTLET WEST NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574548152305400		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		

Wells and Additional Sources Detail Report

Horizontal Collection Interpolated from MAP.
Mthd:
Horiz Coord Refer NAD83
System:
Vertical Measure:
Vertical Measure Unit:
Vertical Accuracy:
Vertical Accuracy Unit:
Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	E	0.50	2,649.59	61.41	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	25	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	29	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880418	Latitude:	57.7548018
Source Map Scale:	1000	Longitude:	-152.500244
Monitoring Loc Name:	SC02802015ABCA1 013		
Monitoring Loc Identifier:	USGS-574520152295301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	24.0		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	N	0.54	2,844.63	62.47	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	8.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	8.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880419	Latitude:	57.7636919
Source Map Scale:	1000	Longitude:	-152.514411
Monitoring Loc Name:	SC02802010CBBA1 007		
Monitoring Loc Identifier:	USGS-574552152304701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	83.1		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	N	0.57	2,983.90	73.33	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.763697
Source Map Scale:		Longitude:	-152.5166333
Monitoring Loc Name:	LANDFILL POND N OF RED LK NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574553152305200		
Monitoring Loc Type:	Lake, Reservoir, Impoundment		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	NNE	0.58	3,067.39	71.66	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7639697
Source Map Scale:		Longitude:	-152.5096884
Monitoring Loc Name:	COAST GUARD LANDFILL DRAIN S NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574553152302700		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			

Wells and Additional Sources Detail Report

Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	NNW	0.60	3,164.12	68.48	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	9	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	9	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880421	Latitude:	57.7642475
Source Map Scale:	1000	Longitude:	-152.5185779
Monitoring Loc Name:	SC02802009DAAA1 005		
Monitoring Loc Identifier:	USGS-574554152305901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	36.2		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	WNW	0.62	3,262.95	150.47	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	14.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15.51	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880120	Latitude:	57.7603582
Source Map Scale:	1000	Longitude:	-152.5288566
Monitoring Loc Name:	SC02802009DCBA1 004		
Monitoring Loc Identifier:	USGS-574540152313601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	134.5		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	NNW	0.62	3,286.27	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	15.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	25	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880118	Latitude:	57.7642475
Source Map Scale:	1000	Longitude:	-152.5205224
Monitoring Loc Name:	SC02802009DAAB1 003		
Monitoring Loc Identifier:	USGS-574554152310601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 36.1
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	E	0.63	3,333.36	60.03	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7553574
 Source Map Scale: Longitude: -152.4966326
 Monitoring Loc Name: BUSKIN R NR MOUTH BL BRIDGE 2 NR KODIAK AK
 Monitoring Loc Identifier: USGS-574522152294000
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.63	3,336.25	157.40	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7464675
Source Map Scale:		Longitude:	-152.5188568
Monitoring Loc Name:	DEVILS C NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297439		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NNW	0.64	3,361.29	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7645253
Source Map Scale:		Longitude:	-152.5202446
Monitoring Loc Name:	BUSKIN R NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297440		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	E	0.65	3,415.72	56.28	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	27	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880217	Latitude:	57.7545239
Source Map Scale:	1000	Longitude:	-152.4963548
Monitoring Loc Name:	SC02802015AACC1 007		
Monitoring Loc Identifier:	USGS-574519152293901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	16.5		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	NNE	0.66	3,462.12	62.24	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	19.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	25	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880119	Latitude:	57.7639697
Source Map Scale:	1000	Longitude:	-152.504688
Monitoring Loc Name:	SC02802010CAAA1 006		
Monitoring Loc Identifier:	USGS-574553152300901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	28.0		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	NNE	0.66	3,472.81	71.01	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	7	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	7	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19860805	Latitude:	57.7650809
Source Map Scale:	63360	Longitude:	-152.5094105
Monitoring Loc Name:	SC02802010BDCB1 011		
Monitoring Loc Identifier:	USGS-574557152302601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	58.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NE	0.66	3,473.51	60.58	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.763414
Source Map Scale:		Longitude:	-152.5030213
Monitoring Loc Name:	LAKE LOUISE ELEV SITE NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574551152300300		
Monitoring Loc Type:	Lake, Reservoir, Impoundment		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		

Wells and Additional Sources Detail Report

Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	NNW	0.67	3,515.15	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	27	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	27	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680928	Latitude:	57.7648032
Source Map Scale:	63360	Longitude:	-152.521078
Monitoring Loc Name:	SC02802009ADCD1 001		
Monitoring Loc Identifier:	USGS-574556152310801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	SSW	0.68	3,577.01	178.68	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	18	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	18	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680927	Latitude:	57.7459119
Source Map Scale:	63360	Longitude:	-152.5196903
Monitoring Loc Name:	SC02802016DDAB1 001		
Monitoring Loc Identifier:	USGS-574448152310301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	200.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	NNW	0.71	3,727.71	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7656366
Source Map Scale:		Longitude:	-152.5199668
Monitoring Loc Name:	BUSKIN R AT BRIDGE 6 NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574559152310400		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	E	0.74	3,929.34	43.29	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	145	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	145	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19740428	Latitude:	57.7539683
Source Map Scale:	63360	Longitude:	-152.4938547
Monitoring Loc Name:	SC02802015AACD1 004		
Monitoring Loc Identifier:	USGS-574517152293001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	50.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.
Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	NNE	0.78	4,111.61	90.66	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7661922
Source Map Scale:		Longitude:	-152.5055213
Monitoring Loc Name:	COAST GUARD LANDFILL DRAIN E NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574558152302200		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	N	0.79	4,164.14	65.35	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	18.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880118	Latitude:	57.7673034
Source Map Scale:	1000	Longitude:	-152.5135773
Monitoring Loc Name:	SC02802010BCAC1 004		
Monitoring Loc Identifier:	USGS-574605152304101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	44.7		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	NNE	0.80	4,199.91	96.80	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	6.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	6.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19860805	Latitude:	57.7667478
Source Map Scale:	63360	Longitude:	-152.5069102
Monitoring Loc Name:	SC02802010BDBC1 012		
Monitoring Loc Identifier:	USGS-574603152301701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 77.
 Vertical Measure Unit: feet
 Vertical Accuracy: 10
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	ESE	0.80	4,215.46	49.68	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	34.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	38	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880123	Latitude:	57.7495233
Source Map Scale:	1000	Longitude:	-152.4955218
Monitoring Loc Name:	SC02802015DABB1 010		
Monitoring Loc Identifier:	USGS-574501152293601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	36.0		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,254.59	63.65	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	26.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880123	Latitude:	57.7464675
Source Map Scale:	1000	Longitude:	-152.4999668
Monitoring Loc Name:	SC02802015DCAB1 009		
Monitoring Loc Identifier:	USGS-574450152295201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	51.5		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	NNE	0.81	4,295.32	83.96	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	13.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	14	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880419	Latitude:	57.76647
Source Map Scale:	1000	Longitude:	-152.50441
Monitoring Loc Name:	SC02802010BDCA1 008		
Monitoring Loc Identifier:	USGS-574602152301701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 73.9
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.82	4,317.61	97.50	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7453563
Source Map Scale:		Longitude:	-152.5021892
Monitoring Loc Name:	DRURY GULCH AT KODIAK ISLAND HWY NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574446152300000		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			

Wells and Additional Sources Detail Report

Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	SE	0.82	4,342.25	52.90	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	30.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	38.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880420	Latitude:	57.7484121
Source Map Scale:	1000	Longitude:	-152.4960775
Monitoring Loc Name:	SC02802015DABC1 016		
Monitoring Loc Identifier:	USGS-574457152293801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	39.4		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	N	0.85	4,478.49	67.21	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	23	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	23	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19860805	Latitude:	57.7681369
Source Map Scale:	63360	Longitude:	-152.512466
Monitoring Loc Name:	SC02802010BCAB1 010		
Monitoring Loc Identifier:	USGS-574608152303701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	45.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	SSE	0.85	4,494.15	84.67	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	18	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	19	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880421	Latitude:	57.7445229
Source Map Scale:	1000	Longitude:	-152.5030226
Monitoring Loc Name:	SC02802015DCCB1 014		
Monitoring Loc Identifier:	USGS-574443152300301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 68.1
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	N	0.85	4,505.65	67.47	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7681369
 Source Map Scale: Longitude: -152.511077
 Monitoring Loc Name: COAST GUARD LANDFILL DRAIN N NR KODIAK AK
 Monitoring Loc Identifier: USGS-574603152303000
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	NE	0.86	4,562.61	66.08	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7659143
Source Map Scale:		Longitude:	-152.4999654
Monitoring Loc Name:	CATHERINE (MARGARET) LK NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574600152295200		
Monitoring Loc Type:	Lake, Reservoir, Impoundment		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	N	0.89	4,672.84	66.53	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	10	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	10	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680928	Latitude:	57.7686925
Source Map Scale:	63360	Longitude:	-152.5132994
Monitoring Loc Name:	SC02802010BBDB1 001		
Monitoring Loc Identifier:	USGS-574610152304001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 100.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 50
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	E	0.91	4,785.69	14.99	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	25	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	29	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880218	Latitude:	57.7531348
Source Map Scale:	1000	Longitude:	-152.4896878
Monitoring Loc Name:	SC02802014BCBB1 002		
Monitoring Loc Identifier:	USGS-574514152291501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	17.4		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SSE	0.91	4,805.78	62.91	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	42.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	45	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880125	Latitude:	57.744245
Source Map Scale:	1000	Longitude:	-152.5008003
Monitoring Loc Name:	SC02802015DCCA1 008		
Monitoring Loc Identifier:	USGS-574442152295501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	53.9		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	N	0.92	4,873.33	61.24	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	Latitude:	57.7692481
Source Map Scale:	Longitude:	-152.5141328
Monitoring Loc Name:	BUSKIN R 1.3 MI BL BUSKIN LK NR KODIAK AK	
Monitoring Loc Identifier:	USGS-574612152304300	
Monitoring Loc Type:	Stream	
Monitoring Loc Desc:		
HUC Eight Digit Code:	19020701	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	Unknown	
Horizontal Accuracy Unit:	Unknown	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:		
Vertical Measure Unit:		
Vertical Accuracy:		
Vertical Accuracy Unit:		
Vertical Collection Mthd:		
Vert Coord Refer System:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	N	0.92	4,874.78	59.30	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7692481
Source Map Scale:		Longitude:	-152.5146884
Monitoring Loc Name:	UNNAMED TR TO BUSKIN R NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574612152304500		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	NNW	0.95	5,015.41	68.12	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7686926
 Source Map Scale: Longitude: -152.5235779
 Monitoring Loc Name: MAGAZINE C AT .9 MI ANTON LARSEN RD NR KODIAK AK
 Monitoring Loc Identifier: USGS-574610152311700
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *KODIAK ISLAND* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *KODIAK ISLAND* County

No Measures/Homes:	27
Geometric Mean:	0.2
Arithmetic Mean:	0.4
Median:	0.2
Standard Deviation:	0.6
Maximum:	2.4
% >4 pCi/L:	0
% >20 pCi/L:	0
Notes on Data Table:	TABLE 2. Screening indoor radon data from the EPA/State Residential Radon Survey of Alaska conducted during 1988-89. Data represent 2-7 day charcoal canister lowest level of each home tested. measurements from the

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Oil and Gas Wells

OGW

A list of Oil and Gas Wells made available by Alaska's Oil and Gas Conservation Commission.

Public Water Systems

PWS

List of Alaska's active public water system (PWS) source locations for wells, intake, springs, infiltration galleries, and rain catchment facility types. Data from the Alaska Department of Environmental Conservation's (ADEC) Safe Drinking Water Information Systems (SDWIS) State database.

Well Log Tracking System

WATER WELLS

A list of Water Well Logs from the Alaska Department of Natural Resources. Data originates from the Well Log Tracking System (WELTS), which contains water well construction and lithologic information submitted to the Division of Mining, Land and Water, Alaska Hydrologic Survey by water well contractors.

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DATABASE REPORT

Project Property: *Kodiak Airport Structure Removal (Lot 5A)
Lot 5A, Block 1400, Airport Way
Kodiak AK 99615*

Project No: *2658.13*

Report Type: *Database Report*

Order No: *21102200605*

Requested by: *R&M Consultants, Inc.*

Date Completed: *October 26, 2021*

Environmental Risk Information Services

A division of Glacier Media Inc.

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Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary by Data Source.....	14
Map.....	22
Aerial.....	25
Topographic Map.....	26
Detail Report.....	27
Unplottable Summary.....	179
Unplottable Report.....	180
Appendix: Database Descriptions.....	188
Definitions.....	198

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Executive Summary

Property Information:

Project Property: Kodiak Airport Structure Removal (Lot 5A)
Lot 5A, Block 1400, Airport Way Kodiak AK 99615

Project No: 2658.13

Coordinates:

Latitude:	57.75547762
Longitude:	-152.51288362
UTM Northing:	57.76
UTM Easting:	-152.51
UTM Zone:	UTM Zone 05V

Elevation: 64 FT

Order Information:

Order No: 21102200605
Date Requested: October 22, 2021
Requested by: R&M Consultants, Inc.
Report Type: Database Report

Historicals/Products:

Aerial Photographs	Historical Aerials (with Project Boundaries)
Chain of Title & Lien Searches	Environmental Lien Search
City Directory Search	CD - 2 Street Search
ERIS Xplorer	ERIS Xplorer
Excel Add-On	Excel Add-On
Fire Insurance Maps	US Fire Insurance Maps
Physical Setting Report (PSR)	Physical Setting Report (PSR)
Topographic Map	Topographic Maps

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	1	1	-	-	2
RCRA NON GEN	Y	0.25	0	2	0	-	-	2
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	0	3	4	3	10	20
DELISTED SHWS	Y	1	0	0	0	0	1	1
SWF/LF	Y	0.5	0	0	0	1	-	1
LUST	Y	0.5	0	2	0	1	-	3
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	1	9	2	-	-	12
TANK	Y	0.5	0	0	1	0	-	1
AST	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
ENG	Y	0.5	0	0	0	1	-	1
INST	Y	0.5	0	1	2	1	-	4
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	5	-	-	-	5
NCDL	Y	0.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	2	0	0	1	1	4
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0

State

SPILLS	Y	0.125	0	6	-	-	-	6
PFAS	Y	0.5	0	0	0	0	-	0
CDL	Y	0.125	0	0	-	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Total:	3	29	10	8	12	62

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	UST	R & K, Inc.	Lot 5 Blk. 1400 Kod. State Arpt. Kodiak AK 99615 Facility ID: 1555 DEC Tank ID Status: 1 Currently in Use	SE	0.00 / 0.00	0	27
1	FUDS	KODIAK NAVY/ARMY	KODIAK AK FUDS Property No: F10AK1007	SE	0.00 / 0.00	0	27
1	FUDS	KODIAK CG SUP CNTR	KODIAK, SW. OF AK FUDS Property No: F10AK0840	SE	0.00 / 0.00	0	28

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	UST	Hangar Of Uyak Air Service, Inc.	Kodiak State Airport lot 5, Block 1600 Kodiak AK 99615 Facility ID: 1034 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/15/1994	WSW	0.04 / 200.88	1	28
2	UST	Pen Air Kodiak	Kodiak State Airport lot 7, Block 1600 Kodiak AK 99615 Facility ID: 1040 DEC Tank ID Status: 2 Permanently Out of Use Closed on 4/10/1998, 1 Permanently Out of Use Closed on 4/16/1998	WSW	0.04 / 200.88	1	29
3	SPILLS	Kodiak Airport	1500 Airport Way Kodiak AK 99615 Spill ID Case Closed Date: 66080 10/26/2020 12:00:00 AM	W	0.04 / 214.00	0	30
4	HMIRS		1647 Airport Way KODIAK AK	WSW	0.04 / 222.83	1	30
4	HMIRS		1647 Airport Way KODIAK AK	WSW	0.04 / 222.83	1	34
5	RCRA VSQG	UPS - KODIAK	1420 AIRPORT ROAD KODIAK AK 99615 EPA Handler ID: AKR000208975	W	0.05 / 274.99	-1	37
6	RCRA NON GEN	ANDREW AIRWAYS INC	1522 DEVILS CREEK RD PO BOX 1037 KODIAK AK 99615 EPA Handler ID: AKR000004325	E	0.06 / 299.79	-5	38
6	UST	Andrew Airways	1522 Devil's Creek Rd Kodiak AK 99615 Facility ID: 2469 DEC Tank ID Status: 2 Permanently Out of Use Closed on 8/5/2011, 1 Permanently Out of Use Closed on 8/5/2011, 3 Permanently Out of Use Closed on 9/18/1993	E	0.06 / 299.79	-5	39
6	SPILLS	Andrew Air / Kodiak Airport	1522 Devils Creek Road Kodiak AK 99615 Spill ID Case Closed Date: 39101 2/1/2012 12:00:00 AM	E	0.06 / 299.79	-5	41
7	SHWS	Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	W	0.06 / 340.34	0	41
7	INST	Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	W	0.06 / 340.34	0	46

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	LUST	Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600 Kodiak AK 99615 Status LUST Event ID: Cleanup Complete - Institutional Controls 2718	W	0.06 / 340.34	0	51
8	HMIRS		1647 airport road KODIAK AK	SW	0.08 / 436.23	3	55
8	HMIRS		1647 airport road KODIAK AK	SW	0.08 / 436.23	3	57
9	SHWS	Alaska Airlines - Kodiak	Kodiak International Terminal Building, Kodiak, AK 99615 AK	WSW	0.11 / 580.15	4	59
9	LUST	Alaska Airlines - Kodiak	Kodiak International Terminal Building Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1244	WSW	0.11 / 580.15	4	60
10	SHWS	ADOT&PF Kodiak Airport Apron Drums	US Coast Guard Airport, Kodiak, AK 99615 AK	W	0.11 / 592.12	-3	61
11	RCRA NON GEN	PENINSULA AIRWAYS INC	LOT 7 BLOCK KODIAK STATE AIRPORT KODIAK AK 99615 EPA Handler ID: AKR000002600	WSW	0.12 / 646.25	4	63
11	HMIRS		KODIAK AIRPORT KODIAK AK	WSW	0.12 / 646.25	4	64
11	UST	Kodiak Terminal	Alaska Airline Terminal kodiak Airport Kodiak AK 99615 Facility ID: 332 DEC Tank ID Status: 1 Permanently Out of Use Closed on 5/2/1994, 2 Permanently Out of Use Closed on 5/2/1994	WSW	0.12 / 646.25	4	66
11	UST	Brechan Hangar	State Airport Kodiak AK 99615 Facility ID: 1168 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/1/1994, 3 Permanently Out of Use Closed on 5/16/1990, 4 Permanently Out of Use Closed on 5/16/1990, 2 Permanently Out of Use Closed on 8/1/1994	WSW	0.12 / 646.25	4	67
11	UST	Hertz Car & Truck Rntl. Licenser	Kodiak Airport Kodiak AK 99615 Facility ID: 1520 DEC Tank ID Status: 1 Permanently Out of Use Closed on 11/1/1991	WSW	0.12 / 646.25	4	69
11	UST	Building 520 Abandoned	Kodiak Airport Vicinity Kodiak AK 99615 Facility ID: 3303 DEC Tank ID Status: 2 Permanently Out of Use, 1 Permanently Out of Use, 3 Permanently Out of Use	WSW	0.12 / 646.25	4	69
11	UST	USFWS - Kodiak National Wildlife Refuge	Kodiak State Airport-hangar Site	WSW	0.12 / 646.25	4	71

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Kodiak AK 99615				
<u>11</u>	UST	Former Markair - Kodiak Station	Kodiak Airport Lot2a Kodiak AK 99615	WSW	0.12 / 646.25	4	<u>71</u>
			Facility ID: 414 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/20/1993				
<u>11</u>	SPILLS	KODIAK AIRPORT COAST GUARD BASE MILE MARKER 5.1 BE	Kodiak AK 99615	WSW	0.12 / 646.25	4	<u>73</u>
			Facility ID: 92 DEC Tank ID Status: 1 Permanently Out of Use Closed on 4/3/1998, 3 Permanently Out of Use Closed on 5/1/1990, 4 Permanently Out of Use Closed on 4/15/1991, 5 Permanently Out of Use Closed on 10/20/1999, 6 Permanently Out of Use Closed on 10/20/1999, 2 Permanently Out of Use Closed on 4/3/1998				
<u>11</u>	SPILLS	In Water off of Runway 25 Kodiak Airport	Kodiak Airport Kodiak AK 99615	WSW	0.12 / 646.25	4	<u>74</u>
			Spill ID Case Closed Date: 11468 4/15/1998 12:00:00 AM				
<u>11</u>	SPILLS	KODIAK AIRPORT RUNWAY 28/25	Kodiak AK 99615	WSW	0.12 / 646.25	4	<u>74</u>
			Spill ID Case Closed Date: 8912 7/30/1998 12:00:00 AM				
<u>11</u>	SPILLS	DOT Kodiak	Kodiak Airport Kodiak AK 99615	WSW	0.12 / 646.25	4	<u>75</u>
			Spill ID Case Closed Date: 64946 3/31/2020 12:00:00 AM				
<u>12</u>	SHWS	MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.13 / 703.38	-3	<u>75</u>
<u>12</u>	INST	MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.13 / 703.38	-3	<u>80</u>
<u>13</u>	SHWS	USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	NNW	0.21 / 1,111.90	2	<u>86</u>
<u>13</u>	INST	USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	NNW	0.21 / 1,111.90	2	<u>96</u>
<u>14</u>	SHWS	USCG Kodiak Site 14 Qtrmstr. MA7-8	Tom Stiles and Anton, Larson Bay Roads, Kodiak, AK 99619 AK	NW	0.22 / 1,187.63	3	<u>107</u>
<u>15</u>	RCRA VSQG	ALASKA DOT & PF KODIAK M&O FAC	1500 ANTON LARSEN RD KODIAK AK 99615	NW	0.23 / 1,221.75	4	<u>110</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
EPA Handler ID: AKD983074998							
15	SHWS	ADOT&PF Airport Maintenance Shop-Kodiak	1500 Anton Larsen Road, Kodiak, AK 99615 AK	NW	0.23 / 1,221.75	4	114
15	UST	Kodiak State Airport	1500 Anton Larsen RD Kodiak AK 99615	NW	0.23 / 1,221.75	4	115
Facility ID: 633 DEC Tank ID Status: 2 Permanently Out of Use, 6 Permanently Out of Use, 5 Permanently Out of Use, 7 Permanently Out of Use, 3 Permanently Out of Use, 4 Permanently Out of Use, 8 Permanently Out of Use, 1 Permanently Out of Use							
15	TANK	Kodiak DOT&PF Maintenance Station	1500 Anton Larsen Road Kodiak AK	NW	0.23 / 1,221.75	4	118
16	UST	ADOTPF - Kodiak Maintenance Shop	1500 Anton Larsen Bay Rd Kodiak AK 99615	NW	0.25 / 1,315.67	4	119
Facility ID: 479 DEC Tank ID Status: 2 Temporarily Out of Use, 1 Permanently Out of Use Closed on 10/15/1997, 3 Temporarily Out of Use							
17	SHWS	ADOT&PF Kodiak Airport Chemical Storage Building	Kodiak Airport; Adjacent to Taxiway and Dolphin Avenue, Kodiak, AK 99615 AK	SE	0.32 / 1,664.95	12	120
18	FUDS	BUSKIN BCH-KODIAK ISL	KODIAK ISLAND AK	SSW	0.43 / 2,268.11	58	122
FUDS Property No: F10AK0902							
19	SWF/LF	Kodiak Old Navy Landfill	Kodiak AK	N	0.44 / 2,335.51	-1	122
20	SHWS	ADFG - Kodiak Airport	State Airport, Kodiak, Kodiak, AK 99615 AK	ESE	0.45 / 2,384.15	11	123
20	LUST	ADFG - Kodiak Airport	State Airport, Kodiak Kodiak AK 99615	ESE	0.45 / 2,384.15	11	124
Status LUST Event ID: Cleanup Complete 1501							
21	SHWS	USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.49 / 2,579.71	-2	125
21	INST	USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.49 / 2,579.71	-2	131
21	ENG	USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road Kodiak AK 99619	NNW	0.49 / 2,579.71	-2	137

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>22</u>	SHWS	USCG Kodiak D-17 Nemetz Housing	Barometer Avenue and Alyeska Avenue, west of Lake Louise, Kodiak, AK 99615 AK	NE	0.54 / 2,838.98	-1	<u>137</u>
<u>23</u>	SHWS	USFWS - Kodiak NWR Headquarters	1390 Buskin River Rd.; , Kodiak, AK 99615 AK	ENE	0.56 / 2,950.81	3	<u>138</u>
<u>24</u>	SHWS	USCG Aviation Hill Bldg 17, Area M	USCG Base Kodiak Aviation Hill, Kodiak, AK 99619 AK	S	0.58 / 3,040.49	154	<u>140</u>
<u>25</u>	FUDS	BURMA ROAD	KODIAK, SW. OF AK FUDS Property No: F10AK0291	WSW	0.60 / 3,159.69	221	<u>142</u>
<u>26</u>	SHWS	USCG Aviation Hill Bldg 15, Area A	Aviation Hill, Kodiak, AK 99619 AK	SSE	0.63 / 3,342.79	130	<u>142</u>
<u>27</u>	SHWS	Kodiak - Buskin Beach Bldg A-141	~0.25 Mile E of Anton Larson Bay Road; ~0.5 Mile N of Old Tom Stiles Road Intersection, Kodiak, AK 99615 AK	N	0.64 / 3,379.85	5	<u>144</u>
<u>28</u>	SHWS	USCG Kodiak Drury Gulch, Site 18	Rezanof Highway, ~3 Miles South of Kodiak, Kodiak, AK 99619 AK	SE	0.79 / 4,145.59	43	<u>145</u>
<u>29</u>	SHWS	USCG Kodiak Site #15 Peterson School UST	; , Kodiak, AK 99619 AK	ESE	0.82 / 4,347.59	-4	<u>158</u>
<u>30</u>	DELISTED SHWS	FAA Kodiak Airport	Air Traffic Control Tower, Kodiak, AK 99615 AK	ESE	0.86 / 4,525.49	-26	<u>162</u>
<u>31</u>	SHWS	FAA Kodiak Tower	USCG Base, Kodiak, Kodiak, AK 99615 AK	ESE	0.93 / 4,923.07	-19	<u>162</u>
<u>32</u>	SHWS	USCG Airport Staging Area	Kodiak, Kodiak, AK 99615 AK	E	0.94 / 4,960.49	-58	<u>164</u>
<u>33</u>	SHWS	USCG Lake Louise Drive Release	Lake Louise Drive, NE Shore of Lake Louise, Kodiak, AK 99615	ENE	0.97 / 5,111.52	6	<u>176</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
			AK				

Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jun 14, 2021 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ALASKA DOT & PF KODIAK M&O FAC	1500 ANTON LARSEN RD KODIAK AK 99615 <i>EPA Handler ID: AKD983074998</i>	NW	0.23 / 1,221.75	15

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
UPS - KODIAK	1420 AIRPORT ROAD KODIAK AK 99615 <i>EPA Handler ID: AKR000208975</i>	W	0.05 / 274.99	5

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jun 14, 2021 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PENINSULA AIRWAYS INC	LOT 7 BLOCK KODIAK STATE AIRPORT KODIAK AK 99615 <i>EPA Handler ID: AKR000002600</i>	WSW	0.12 / 646.25	11

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ANDREW AIRWAYS INC	1522 DEVILS CREEK RD PO BOX 1037 KODIAK AK 99615 <i>EPA Handler ID: AKR000004325</i>	E	0.06 / 299.79	6

State

SHWS - Contaminated Sites Program Database

A search of the SHWS database, dated Sep 9, 2021 has found that there are 20 SHWS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	W	0.06 / 340.34	7

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Alaska Airlines - Kodiak	Kodiak International Terminal Building, Kodiak, AK 99615 AK	WSW	0.11 / 580.15	<u>9</u>
USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	NNW	0.21 / 1,111.90	<u>13</u>
USCG Kodiak Site 14 Qtrmstr. MA7-8	Tom Stiles and Anton, Larson Bay Roads, Kodiak, AK 99619 AK	NW	0.22 / 1,187.63	<u>14</u>
ADOT&PF Airport Maintenance Shop-Kodiak	1500 Anton Larsen Road, Kodiak, AK 99615 AK	NW	0.23 / 1,221.75	<u>15</u>
ADOT&PF Kodiak Airport Chemical Storage Building	Kodiak Airport; Adjacent to Taxiway and Dolphin Avenue, Kodiak, AK 99615 AK	SE	0.32 / 1,664.95	<u>17</u>
ADFG - Kodiak Airport	State Airport, Kodiak, Kodiak, AK 99615 AK	ESE	0.45 / 2,384.15	<u>20</u>
USFWS - Kodiak NWR Headquarters	1390 Buskin River Rd., , Kodiak, AK 99615 AK	ENE	0.56 / 2,950.81	<u>23</u>
USCG Aviation Hill Bldg 17, Area M	USCG Base Kodiak Aviation Hill, Kodiak, AK 99619 AK	S	0.58 / 3,040.49	<u>24</u>
USCG Aviation Hill Bldg 15, Area A	Aviation Hill, Kodiak, AK 99619 AK	SSE	0.63 / 3,342.79	<u>26</u>
Kodiak - Buskin Beach Bldg A-141	~0.25 Mile E of Anton Larson Bay Road; ~0.5 Mile N of Old Tom Stiles Road Intersection, Kodiak, AK 99615 AK	N	0.64 / 3,379.85	<u>27</u>
USCG Kodiak Drury Gulch, Site 18	Rezanof Highway, ~3 Miles South of Kodiak, Kodiak, AK 99619 AK	SE	0.79 / 4,145.59	<u>28</u>
USCG Lake Louise Drive Release	Lake Louise Drive, NE Shore of Lake Louise, Kodiak, AK 99615 AK	ENE	0.97 / 5,111.52	<u>33</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ADOT&PF Kodiak Airport Apron Drums	US Coast Guard Airport, Kodiak, AK 99615 AK	W	0.11 / 592.12	10
MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.13 / 703.38	12
USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.49 / 2,579.71	21
USCG Kodiak D-17 Nemetz Housing	Barometer Avenue and Alyeska Avenue, west of Lake Louise, Kodiak, AK 99615 AK	NE	0.54 / 2,838.98	22
USCG Kodiak Site #15 Peterson School UST	; , Kodiak, AK 99619 AK	ESE	0.82 / 4,347.59	29
FAA Kodiak Tower	USCG Base, Kodiak, Kodiak, AK 99615 AK	ESE	0.93 / 4,923.07	31
USCG Airport Staging Area	Kodiak, Kodiak, AK 99615 AK	E	0.94 / 4,960.49	32

DELISTED SHWS - Delisted Contaminated Sites Program Database

A search of the DELISTED SHWS database, dated Sep 9, 2021 has found that there are 1 DELISTED SHWS site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FAA Kodiak Airport	Air Traffic Control Tower, Kodiak, AK 99615 AK	ESE	0.86 / 4,525.49	30

SWF/LF - Solid Waste Information Management System Database

A search of the SWF/LF database, dated Jun 11, 2021 has found that there are 1 SWF/LF site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kodiak Old Navy Landfill	Kodiak AK	N	0.44 / 2,335.51	19

LUST - Leaking Underground Storage Tanks Site List

A search of the LUST database, dated Sep 9, 2021 has found that there are 3 LUST site(s) within approximately 0.50 miles of the

project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600 Kodiak AK 99615 Status LUST Event ID: Cleanup Complete - Institutional Controls 2718	W	0.06 / 340.34	7
Alaska Airlines - Kodiak	Kodiak International Terminal Building Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1244	WSW	0.11 / 580.15	9
ADFG - Kodiak Airport	State Airport, Kodiak Kodiak AK 99615 Status LUST Event ID: Cleanup Complete 1501	ESE	0.45 / 2,384.15	20

UST - Underground Storage Tanks Site List

A search of the UST database, dated Aug 3, 2021 has found that there are 12 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
R & K, Inc.	Lot 5 Blk. 1400 Kod. State Arpt. Kodiak AK 99615 Facility ID: 1555 DEC Tank ID Status: 1 Currently in Use	SE	0.00 / 0.00	1
Pen Air Kodiak	Kodiak State Airport lot 7, Block 1600 Kodiak AK 99615 Facility ID: 1040 DEC Tank ID Status: 2 Permanently Out of Use Closed on 4/10/1998, 1 Permanently Out of Use Closed on 4/16/1998	WSW	0.04 / 200.88	2
Hangar Of Uyak Air Service, Inc.	Kodiak State Airport lot 5, Block 1600 Kodiak AK 99615 Facility ID: 1034 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/15/1994	WSW	0.04 / 200.88	2
Building 520 Abandoned	Kodiak Airport Vicinity Kodiak AK 99615 Facility ID: 3303 DEC Tank ID Status: 2 Permanently Out of Use, 1 Permanently Out of Use, 3 Permanently Out of Use	WSW	0.12 / 646.25	11
USFWS - Kodiak National Wildlife Refuge	Kodiak State Airport-hangar Site Kodiak AK 99615 Facility ID: 414 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/20/1993	WSW	0.12 / 646.25	11
Former Markair - Kodiak Station	Kodiak Airport Lot2a Kodiak AK 99615 Facility ID: 92 DEC Tank ID Status: 1 Permanently Out of Use Closed on 4/3/1998, 3 Permanently Out of Use Closed on 5/1/1990, 4 Permanently Out of Use Closed on 4/15/1991, 5 Permanently Out of Use Closed on 10/20/1999, 6 Permanently Out of Use Closed on 10/20/1999, 2 Permanently Out of Use Closed on 4/3/1998	WSW	0.12 / 646.25	11
Hertz Car & Truck Rntl. Licensor	Kodiak Airport Kodiak AK 99615 Facility ID: 1520 DEC Tank ID Status: 1 Permanently Out of Use Closed on 11/1/1991	WSW	0.12 / 646.25	11

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Brechan Hangar	State Airport Kodiak AK 99615	WSW	0.12 / 646.25	11
Facility ID: 1168 DEC Tank ID Status: 1 Permanently Out of Use Closed on 9/1/1994, 3 Permanently Out of Use Closed on 5/16/1990, 4 Permanently Out of Use Closed on 5/16/1990, 2 Permanently Out of Use Closed on 8/1/1994				
Kodiak Terminal	Alaska Airline Terminal kodiak Airport Kodiak AK 99615	WSW	0.12 / 646.25	11
Facility ID: 332 DEC Tank ID Status: 1 Permanently Out of Use Closed on 5/2/1994, 2 Permanently Out of Use Closed on 5/2/1994				
Kodiak State Airport	1500 Anton Larsen RD Kodiak AK 99615	NW	0.23 / 1,221.75	15
Facility ID: 633 DEC Tank ID Status: 2 Permanently Out of Use, 6 Permanently Out of Use, 5 Permanently Out of Use, 7 Permanently Out of Use, 3 Permanently Out of Use, 4 Permanently Out of Use, 8 Permanently Out of Use, 1 Permanently Out of Use				
ADOTPF - Kodiak Maintenance Shop	1500 Anton Larsen Bay Rd Kodiak AK 99615	NW	0.25 / 1,315.67	16
Facility ID: 479 DEC Tank ID Status: 2 Temporarily Out of Use, 1 Permanently Out of Use Closed on 10/15/1997, 3 Temporarily Out of Use				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Andrew Airways	1522 Devil's Creek Rd Kodiak AK 99615	E	0.06 / 299.79	6
Facility ID: 2469 DEC Tank ID Status: 2 Permanently Out of Use Closed on 8/5/2011, 1 Permanently Out of Use Closed on 8/5/2011, 3 Permanently Out of Use Closed on 9/18/1993				

TANK - Bulk Fuel Inventory

A search of the TANK database, dated Apr 1, 2021 has found that there are 1 TANK site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kodiak DOT&PF Maintenance Station	1500 Anton Larsen Road Kodiak AK	NW	0.23 / 1,221.75	15

ENG - Sites with Engineering Controls

A search of the ENG database, dated Sep 9, 2021 has found that there are 1 ENG site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road Kodiak AK 99619	NNW	0.49 / 2,579.71	21

INST - Sites with Institutional Controls

A search of the INST database, dated Sep 9, 2021 has found that there are 4 INST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Peninsula Airways - Kodiak Airport	KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	W	0.06 / 340.34	<u>7</u>
USCG MA6 DOT Building A-711	Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	NNW	0.21 / 1,111.90	<u>13</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MarkAir - Kodiak (CS)	Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	WNW	0.13 / 703.38	<u>12</u>
USCG - Navy Landfill/Red Lk. Site 2	Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	NNW	0.49 / 2,579.71	<u>21</u>

Non Standard

Federal

HMIRS - Hazardous Materials Information Reporting System

A search of the HMIRS database, dated Sep 1, 2020 has found that there are 5 HMIRS site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	1647 Airport Way KODIAK AK	WSW	0.04 / 222.83	<u>4</u>
	1647 Airport Way KODIAK AK	WSW	0.04 / 222.83	<u>4</u>
	1647 airport road KODIAK AK	SW	0.08 / 436.23	<u>8</u>
	1647 airport road KODIAK AK	SW	0.08 / 436.23	<u>8</u>
	KODIAK AIRPORT KODIAK AK	WSW	0.12 / 646.25	<u>11</u>

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated May 26, 2021 has found that there are 4 FUDS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
KODIAK NAVY/ARMY	KODIAK AK <i>FUDS Property No: F10AK1007</i>	SE	0.00 / 0.00	<u>1</u>
KODIAK CG SUP CNTR	KODIAK, SW. OF AK <i>FUDS Property No: F10AK0840</i>	SE	0.00 / 0.00	<u>1</u>
BUSKIN BCH-KODIAK ISL	KODIAK ISLAND AK <i>FUDS Property No: F10AK0902</i>	SSW	0.43 / 2,268.11	<u>18</u>
BURMA ROAD	KODIAK, SW. OF AK <i>FUDS Property No: F10AK0291</i>	WSW	0.60 / 3,159.69	<u>25</u>

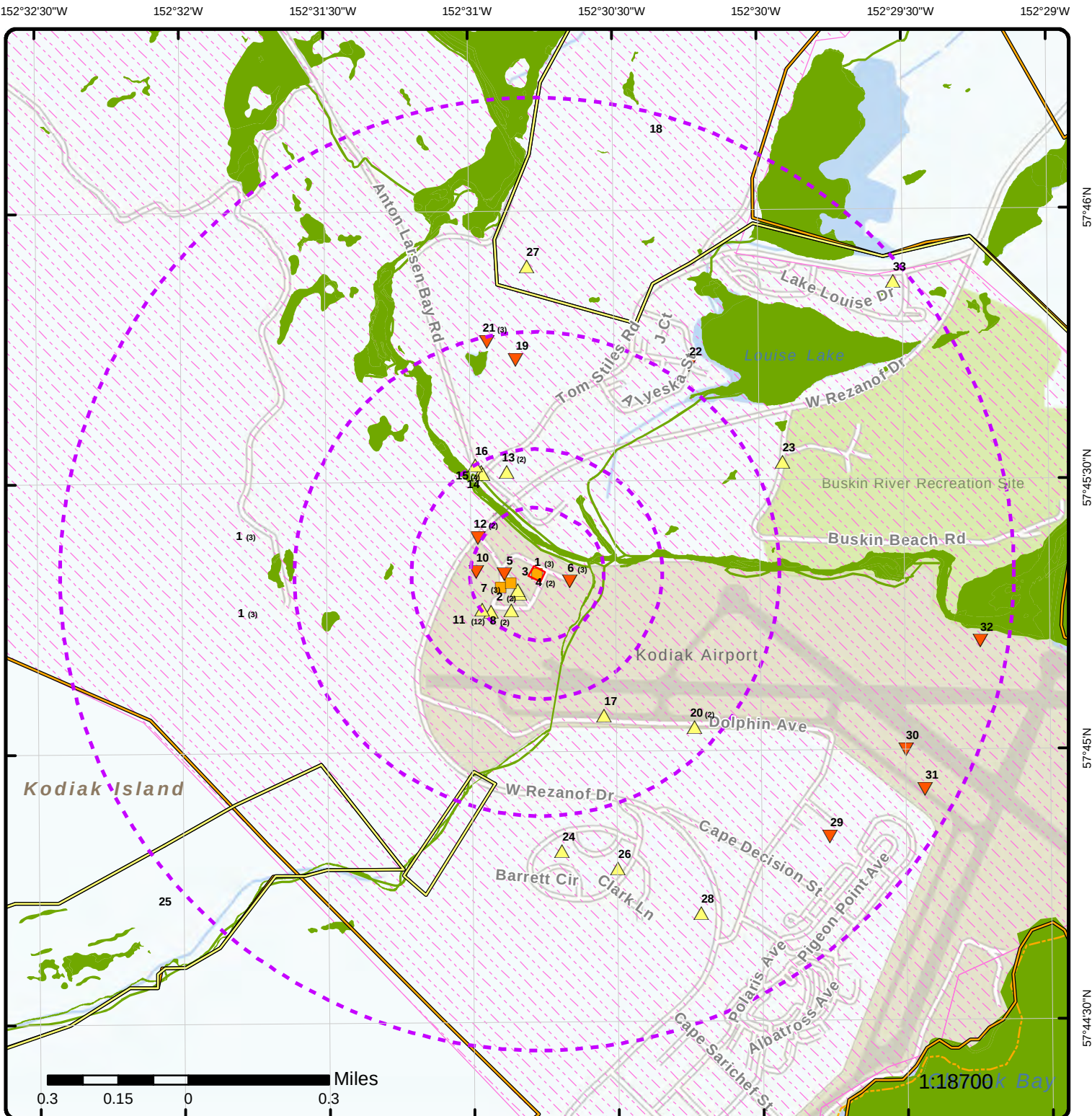
State

SPILLS - Spill Prevention and Response Online Spills Database

A search of the SPILLS database, dated Sep 1, 2021 has found that there are 6 SPILLS site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DOT Kodiak	Kodiak Airport Kodiak AK 99615 <i>Spill ID Case Closed Date: 64946 3/31/2020 12:00:00 AM</i>	WSW	0.12 / 646.25	<u>11</u>
KODIAK AIRPORT RUNWAY 28/25	Kodiak AK 99615 <i>Spill ID Case Closed Date: 8912 7/30/1998 12:00:00 AM</i>	WSW	0.12 / 646.25	<u>11</u>
In Water off of Runway 25 Kodiak Airport	Kodiak Airport Kodiak AK 99615 <i>Spill ID Case Closed Date: 30558 1/7/2008 12:00:00 AM</i>	WSW	0.12 / 646.25	<u>11</u>
KODIAK AIRPORT COAST GUARD BASE MILE MARKER 5.1 BE	Kodiak AK 99615 <i>Spill ID Case Closed Date: 11468 4/15/1998 12:00:00 AM</i>	WSW	0.12 / 646.25	<u>11</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kodiak Airport	1500 Airport Way Kodiak AK 99615 <i>Spill ID Case Closed Date: 66080 10/26/2020 12:00:00 AM</i>	W	0.04 / 214.00	<u>3</u>

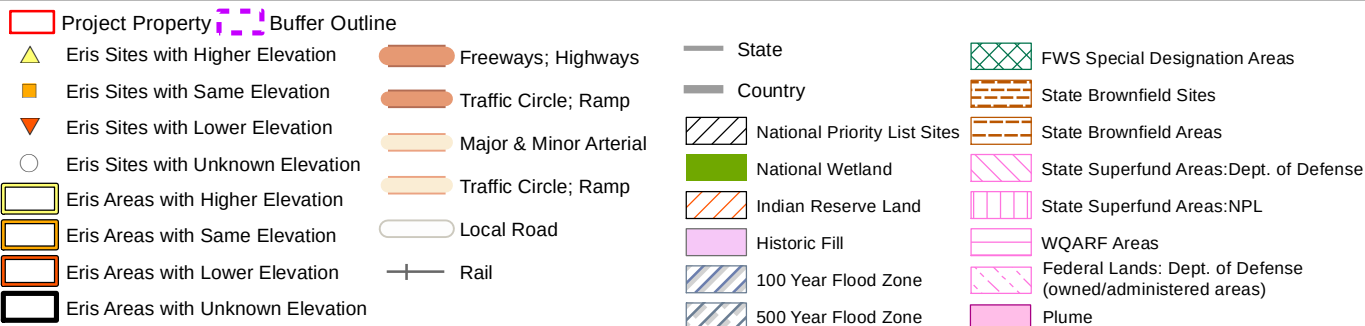
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Andrew Air / Kodiak Airport	1522 Devils Creek Road Kodiak AK 99615	E	0.06 / 299.79	6
Spill ID Case Closed Date: 39101 2/1/2012 12:00:00 AM				



Map: 1.0 Mile Radius

Order Number: 21102200605

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK



152°31'30"W

152°31'W

152°30'30"W

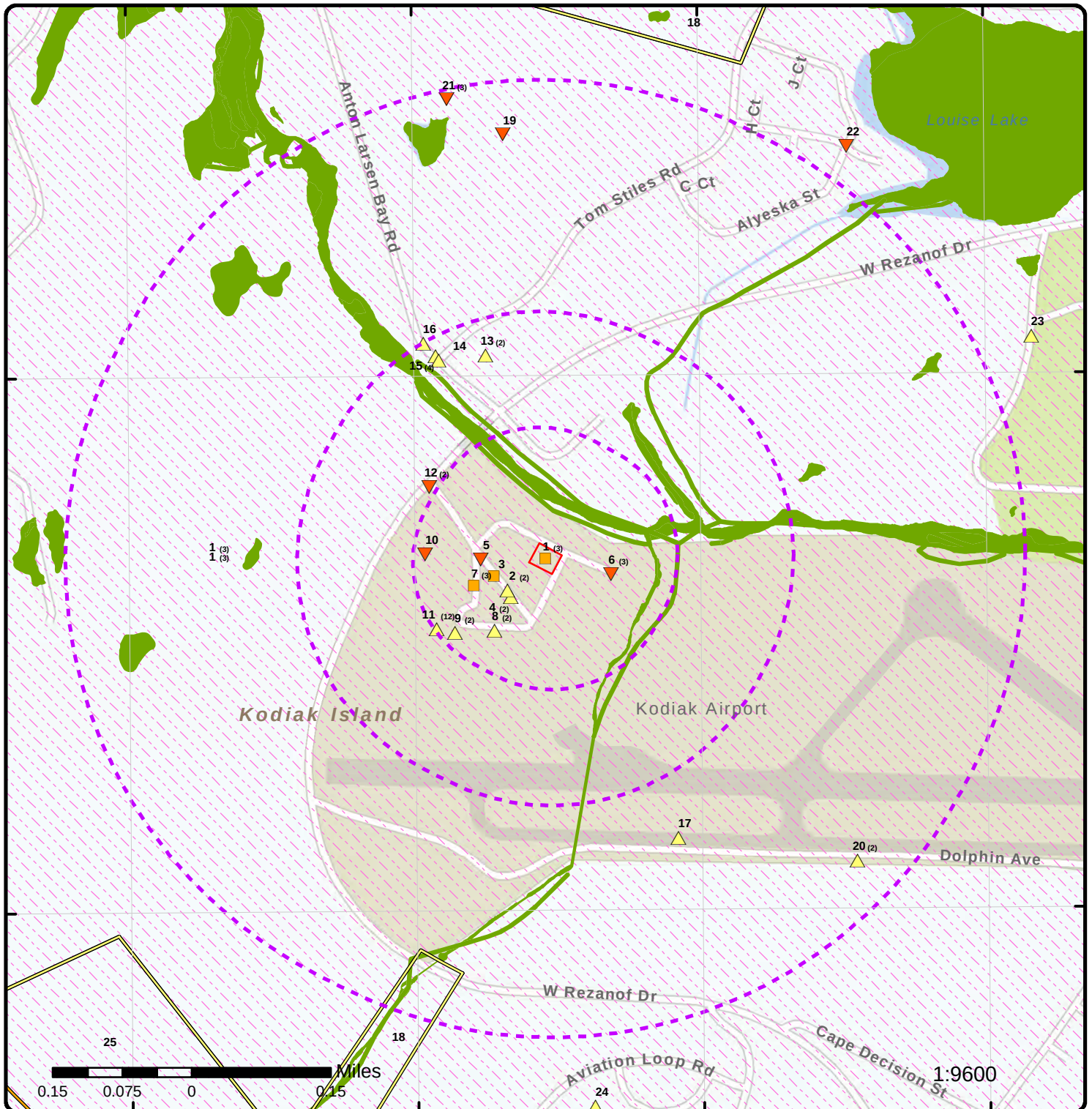
152°30'W

57°45'30"N

57°45'30"N

57°45'N

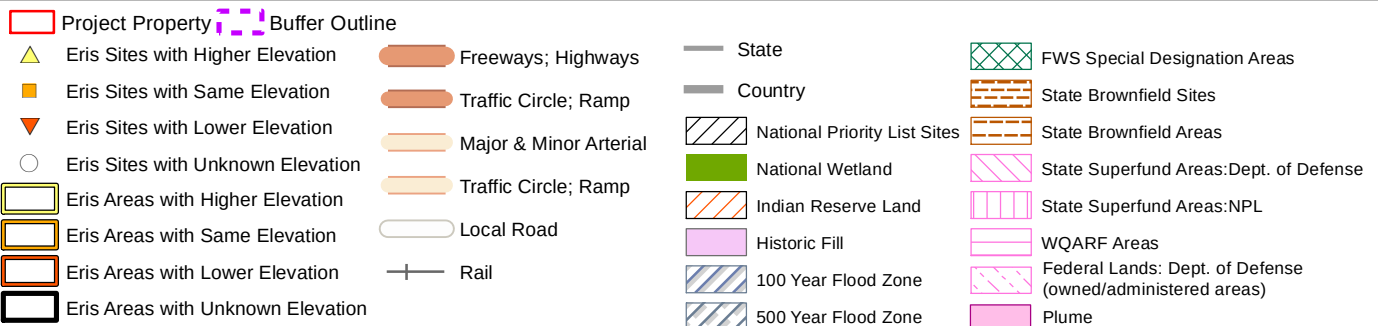
57°45'N



Map: 0.5 Mile Radius

Order Number: 21102200605

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK

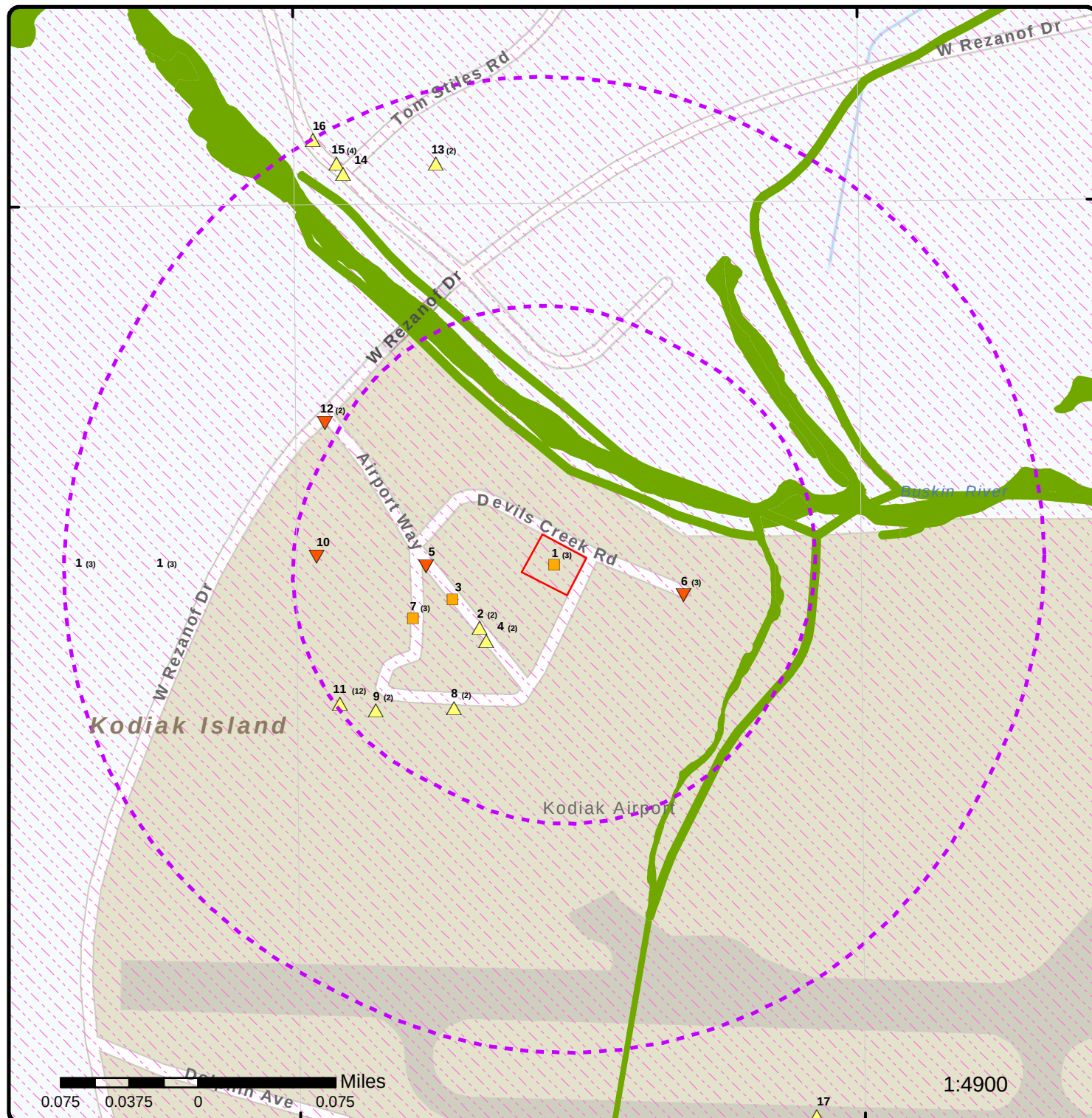


152°31'W

152°30'30"W

57°45'30"N

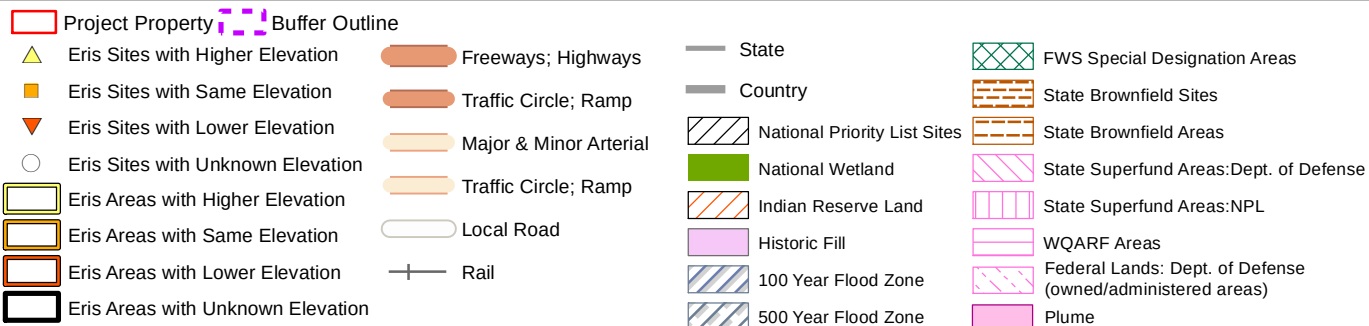
57°45'30"N



Map: 0.25 Mile Radius

Order Number: 21102200605

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK



152°31'30"W

152°31'W

152°30'30"W

152°30'W

57°45'30"N

57°45'30"N

57°45'N

57°45'N



0.1 0.05 0 0.1 Miles

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1:10000

Aerial Year: 2019

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK

Source: ESRI World Imagery

Order Number: 21102200605



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Topographic Map Year: 1987 Order Number: 21102200605

Address: Lot 5A, Block 1400, Airport Way, AK



Quadrangle(s): Kodiak D-2 SE 353752, AK; Kodiak D-2 SW 353754, AK; Kodiak C-2 NW 353748, AK; Kodiak C-2 NE 353747, AK; K

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 3	SE	0.00 / 0.00	64.34 / 0	R & K, Inc. Lot 5 Blk. 1400 Kod. State Arpt. Kodiak AK 99615	UST
Facility ID:		1555				
Facility Type:		Unknown				
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:		1	Tank Mat Constr:		Asphalt Coated or Bare Steel	
Owner Tank ID:		1	Pipe Mat Constr:		Other	
Compliance Tag No:			Piping Type:		Not Listed	
Closure Status:		Not Available	Scndry Cont Opt (Tk):		None	
Regulated Tank:		No	Scndry Cont Opt (Pp):		None	
Product:		Heating Oil	Piping Rel Detect:		Not Listed	
Capacity:		500 gallons	Tank Rel Det:		Not Listed	
Age:		40.3	Spill Prevent Met:		No	
Date Installed:		4/18/1981	Overfill Prevent Met:		No	
Next Inspection Due:		No Date Available	Cathodic Protect Met:		No	
Status:		Currently in Use				
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:		R & K, Inc.	Owner ID:		916	
Location:		Lot 5 Blk. 1400 Kod. State Arpt.	Owner Name:		R & K, Inc.	
Facility Type:		Unknown	Owner 1:		R & K, Inc.	
Owner Address:		Box 576 Kodiak, AK 99615				
<u>Tank and Owner Detail(s)</u>						
Tank ID:		1	Owner ID:		916	
Tank Capacity:		500	Owner Name:		R & K, Inc.	
Facility Type:		Unknown	Owner Address:		Box 576	
Tank Status Desc:		Currently in Use	Owner City:		Kodiak	
Substance:		Heating Oil	Owner State:		AK	
Regulated:		No	Owner Zip:		99615	
Date Installed:		4/18/1981				
1	2 of 3	SE	0.00 / 0.00	64.34 / 0	KODIAK NAVY/ARMY KODIAK AK	FUDS
FUDS Property No:		F10AK1007				
EMS Map Link:		https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=54098				
FUDS INST ID:		AK09799F913300				
Status:						
SDS ID:						
NPL Status Code:		Not on the NPL				
Eligibility:		Eligible				
Site Eligib:						
Current Owner:						
Has Project:		Yes				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DOD FUDS Pro:						
Project Required:		Yes				
No Further Action:						
Congressional District:		00				
EPA Region:		10				
County:		KODIAK ISLAND BOROUGH				
Latitude:		57.716869				
Longitude:		-152.522937				
Fiscal year:		2019				
USACE Division:		POD				
USACE District:		Alaska District (POA)				
Shape Area:		.02323118				
Shape Len:		1.1537934				
Centroid Latitude:						
Centroid Longitude:						
Media ID:						
Metadata ID:						
Feature Desc:						
Property History:		The Kodiak Navy/Army site was part of the Navy facilities commissioned in 1939 in response to military threats leading up to World War II. In 1941, the Army leased part of the Navy base, and the Army and Navy constructed the airfield for joint use. The A				

<u>1</u>	3 of 3	SE	0.00 / 0.00	64.34 / 0	KODIAK CG SUP CNTR KODIAK, SW. OF AK	FUDS
FUDS Property No: F10AK0840						
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=55482						
FUDS INST ID: AK09799F299400						
Status:						
SDS ID:						
NPL Status Code: Not on the NPL						
Eligibility: Eligible						
Site Eligib:						
Current Owner:						
Has Project: Yes						
DOD FUDS Pro:						
Project Required: Yes						
No Further Action:						
Congressional District: 00						
EPA Region: 10						
County: KODIAK ISLAND BOROUGH						
Latitude: 57.751795						
Longitude: -152.494418						
Fiscal year: 2019						
USACE Division: POD						
USACE District: Alaska District (POA)						
Shape Area: .01053017						
Shape Len: 1.07865716						
Centroid Latitude:						
Centroid Longitude:						
Media ID:						
Metadata ID:						
Feature Desc:						
Property History: This site was withdrawn for the Navy by EO 8278 of 28Oct39, as amended by PLO 1182 of 1Jul55 & PLO 4119 of 13Dec66. The Navy used the area as a base for coastal patrol aircraft &, in conjunction, constructed numerous buildings, bunkers, docks, s						
<u>2</u>	1 of 2	WSW	0.04 / 200.88	65.03 / 1	Hangar Of Uyak Air Service, Inc. Kodiak State Airport lot 5, Block 1600 Kodiak AK 99615	UST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID:		1034				
Facility Type:		Air Taxi (Airline)				
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:	1			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	1			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	Gravity Feed	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	Double-Walled	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Gasoline			Piping Rel Detect:	Not Listed	
Capacity:	2500 gallons			Tank Rel Det:	Not Listed	
Age:	8.3			Spill Prevent Met:	No	
Date Installed:	5/25/1986			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 9/15/1994					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	Hangar Of Uyak Air Service, Inc.			Owner ID:	1202	
Location:	Kodiak State Airport lot 5, Block 1600			Owner Name:	Uyak Air Service, Inc.	
Facility Type:	Air Taxi (Airline)			Owner 1:	Uyak Air Service, Inc.	
Owner Address:	ADOTPF Lease Lot 5a, Block 1600 Ada 04782 Airport Kodiak, AK 99615					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	1			Owner ID:	1202	
Tank Capacity:	2500			Owner Name:	Uyak Air Service, Inc.	
Facility Type:	Air Taxi (Airline)			Owner Address:	ADOTPF Lease Lot 5a, Block 1600 Ada 04782 Airport	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	5/25/1986					

2	2 of 2	WSW	0.04 / 200.88	65.03 / 1	Pen Air Kodiak Kodiak State Airport lot 7, Block 1600 Kodiak AK 99615	UST

Facility ID: 1040
Facility Type: Gas Station
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	U.S. Suction
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	8000 gallons	Tank Rel Det:	Not Listed
Age:	32.0	Spill Prevent Met:	No
Date Installed:	4/1/1966	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/10/1998		
LD Other Methods:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Tank ID:	1				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	U.S. Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	Lined Interior
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	10000 gallons				Tank Rel Det:	Not Listed
Age:	15.0				Spill Prevent Met:	No
Date Installed:	4/2/1983				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/16/1998					
LD Other Methods:						

Owner Detail(s)

Site Name:	Pen Air Kodiak	Owner ID:	896
Location:	Kodiak State Airport lot 7, Block 1600	Owner Name:	Peninsula Airways, Inc.
Facility Type:	Gas Station	Owner 1:	Peninsula Airways, Inc.
Owner Address:	6100 Boeing Ave. Anchorage, AK 99502		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	896
Tank Capacity:	10000	Owner Name:	Peninsula Airways, Inc.
Facility Type:	Gas Station	Owner Address:	6100 Boeing Ave.
Tank Status Desc:	Permanently Out of Use	Owner City:	Anchorage
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99502
Date Installed:	4/2/1983		
Tank ID:	2	Owner ID:	896
Tank Capacity:	8000	Owner Name:	Peninsula Airways, Inc.
Facility Type:	Gas Station	Owner Address:	6100 Boeing Ave.
Tank Status Desc:	Permanently Out of Use	Owner City:	Anchorage
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99502
Date Installed:	4/1/1966		

[3](#) 1 of 1 W 0.04 / 214.00 64.32 / 0 Kodiak Airport 1500 Airport Way Kodiak AK 99615 

Spill ID:	66080	Latitude:	
Spill No:	20249927602	Longitude:	
Spill Date:	10/2/2020 12:00:00 AM	Address1:	1500 Airport Way
Facility Type:	Air Transportation	Address2:	
Facility Sub Type:	Aircraft	City:	Kodiak
Case Closed Date:	10/26/2020 12:00:00 AM	Zip Code:	99615
Response:	Phone Follow-up	Area:	Central Alaska
Location:	KODIAK UNKNOWN	Sub Area:	Kodiak Island
Location Data:		Region:	Kodiak
Spill Name:	Kodiak Airport Jet Fuel Release		
Source Type:	Tank, Other, Mobile		

Spill Detail(s)

Substance Subtype:	Aviation Fuel	Cause Subtype:	Leak
Quantity Released:	33.000	Cause Type:	Structural/Mechanical
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	- , Unknown		

[4](#) 1 of 2 WSW 0.04 / 222.83 65.31 / 1 1647 Airport Way 

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

KODIAK AK

Incident County: KODIAK ISLAND

HMIR Historical Reports

Report No:	E-2014060432	Fed DOT Agency Nm:	
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	
Date of Incident:	06/20/2014	Report Submit Src:	Web
Time of Incident:	1410	Inc Multiple Rows:	No
Haz Class Code:	2.2	Inc Non US State:	
Hazardous Class:	NONFLAMMABLE COMPRESSED GAS	Mode Transport:	Air
Commodity Short Nm:	FIRE EXTINGUISHERS CONTA	Transport Phase:	IN TRANSIT STORAGE
Commodity Long Nm:	FIRE EXTINGUISHERS CONTAINING COMPRESSED OR LIQUEFIED GAS	Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:		Mat Ship Approval?:	No
ID No:	UN1044	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ALASKA AIRLINES INC.
Qty Released:	0	CR Street Name:	1647 AIRPORT WAY
Unit of Measure:		CR City:	KODIAK
What Failed:		CR State:	AK
What Failed Desc:		CR Postal Code:	99615-6831
How Failed Code:		CR Non US State:	
How Failed Desc:		CR Fed DOT ID:	367920
Failure Cause Code:		CR Hazmat Reg ID:	
Failure Cause Desc:		CR Country:	US
Ident. Markings:		Shipper Name:	LYNDEN AIR FREIGHT INC.
Cont1 Pkging Type:	Composite Packaging	Shipper Street Name:	6441 S AIRPARK PL
Cont1 Const Mat:	Plastic	Shipper City:	ANCHORAGE
Cont1 Head Type:		Shipper State:	AK
Cont1 Pkg Capacity:	0	Shipper Postal:	99502-1809
C1 Capacity UOM:		Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	027 8794-4323
Cont1 Pkg No:		Ship Hazmat Reg ID:	
C1 Pkg NO Failed:		Origin City:	KODIAK
Cont1 Pkg Mnfctr:		Origin State:	ALASKA
Cont1 Pkg Mnfc Dt:		Origin Postal:	99615
Cont1 Pkg Serial NO:		Origin Non US St:	
C1 Pkg Last Test Dt:		Origin Country:	US
C1 Test Const Mat:	Plastic	Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:		Destination State:	ALASKA
C1 Dsign Press UOM:		Destination Postal:	99502
C1 Pkg Shell Thick:		Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:		Cont2 Package Type:	Cylinder
C1 Head Thick UOM:		Cont2 Const Mat:	Metal (any type)
C1 Pkg Srvc Pres.:		Cont2 Pkg Capacity:	
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	
C1 Device Model:		Cont2 Pkg No Failed:	
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	0
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	0
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:		Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:			No		Material Involved:	No
Fire Result:			No		Estimated Speed:	0
Explosion Result:			No		Weather Conditions:	
Water Sewer Result:			No		Vehicle Overturn:	No
Gas Dispersion:			No		Vehicle Left Roadway:	No
Environment Damage:			No		Passenger Aircraft:	No
No Release Result:			Yes		Cargo Baggage:	
Fire EMS Report:			No		Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:			No		Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:			No		Ship Phase Transfer:	No
Other Cleanup:			No		Contact Name:	CYNTHIA GIBSON
Damage > 500:			No		Contact Title:	CARGO LEAD
Material Loss:			0		Contact Business:	Alaska Air Cargo
Carrier Damage:			0		Contact Street:	1647 Airport Way
Property Damage:			0		Contact City:	Kodiak
Response Cost:			0		Contact State:	AK
Remediation Cost:			0		Contact Postal:	99615
Damage Old Form:			0		Contact Non US St:	
Total Damages Amt:			0		Contact Country:	US
Hazmat Fatality:			No		Inc. Report Prepared:	Facility
Haz Fatal Employees:			0		HMIS Serious Incidnt:	No
Haz Fatal Respntrs:			0		HMIS Serious Fatality:	No
Haz Fatal Gen Public:			0		HMIS Serious Injury:	No
Tot Hazmat Fatalities:			0		HMIS Flight Plan:	No
Non Hazmat Fatality:			No		HMIS Serious Evacs:	No
Non Hazmat Fatals:			0		HMIS Major Artery:	No
Hazmat Injury:			No		HMIS Bulk Release:	No
Haz Hospital Empl:			0		HMIS Marine Pollutnt:	No
Haz Hospital Resp:			0		HMIS Radioactive:	No
Haz Hosp Gen Public:			0		HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:			0		HMIS Container Code:	CONT PLS
Total Haz Hosp Inj:			0		HMIS Container Desc:	Plastic container no capacity or description given
Haz Non Hosp Empl:			0		HMIS Bulk Incident:	No
Haz Non Hosp Resp:			0		Undeclared Shipment:	Yes
Description of Events:			shipment was dropped off at our cargo office. See airway bill number 8794-4323. When we went to inspect it we found it had TSA locks on it. shipper told cargo agent that he was told TSA will unlock with their key if needed. TSA does not do screening cargo in Kodiak. However TSA was willing to unlock it for us. I opened the tote and started searching the tool cases inside I noticed that in the corner of the box was a fire extinguisher shoved in. Looked at the front of the extinguisher and the needle was in the green. Stopped screening at this point and locked tote back up. Shipper did not declare hazmat nor provided any hazmat paperwork.			
Recommend Actions Taken:			Shipper needs to follow their process for accepting cargo and determining if DG goods exists.			

HMIR Historical Reports

Report No:	E-2006110133	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	A hazardous material incident	Fed DOT Report No:	6733
Date of Incident:	11/12/2006	Report Submit Src:	Web
Time of Incident:	0700	Inc Multiple Rows:	No
Haz Class Code:	2.1	Inc Non US State:	
Hazardous Class:	FLAMMABLE GAS	Mode Transport:	Air
Commodity Short Nm:	AEROSOLS FLAMMABLE (EA	Transport Phase:	IN TRANSIT STORAGE
Commodity Long Nm:	AEROSOLS FLAMMABLE (EACH NOT EXCEEDING 1 L CAPACITY)	Incident Occrrnce:	BAGGAGE AREA
Trade Name:	Scotch Gard	Mat Ship Approval?:	No
ID No:	UN1950	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	ALASKA AIRLINES INC.
Qty Released:	0.031250	CR Street Name:	1647 AIRPORT WAY
Unit of Measure:	Liquid - Gallon	CR City:	KODIAK
What Failed:	109	CR State:	AK
What Failed Desc:	Closure (e.g. Cap Top or Plug)	CR Postal Code:	99615-6831

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
How Failed Code:	308				CR Non US State:	
How Failed Desc:	Leaked				CR Fed DOT ID:	367920
Failure Cause Code:	521				CR Hazmat Reg ID:	
Failure Cause Desc:	Inadequate Preparation for Transportation				CR Country:	US
Ident. Markings:	msds 19-6517-7				Shipper Name:	INDIVIDUAL - NOT A COMPANY
Cont1 Pkging Type:	Pressure receptacle				Shipper Street Name:	
Cont1 Const Mat:	Aluminum				Shipper City:	LAKE FOREST
Cont1 Head Type:					Shipper State:	CA
Cont1 Pkg Capacity:	0.085938				Shipper Postal:	92630
C1 Capacity UOM:	LGA				Shipper Non US St:	
Cont1 Pkg Amt:	0.015625				Shipper Country:	US
C1 Pkg Amt UOM:	LGA				Shipper Waybill:	
Cont1 Pkg No:	1				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1				Origin City:	LAKE FOREST
Cont1 Pkg Mnfctr:	scotch guard				Origin State:	CALIFORNIA
Cont1 Pkg Mnft Dt:	12/12/2005 12:00:00 AM				Origin Postal:	92630
Cont1 Pkg Serial NO:	34850967687				Origin Non US St:	
C1 Pkg Last Test Dt:					Origin Country:	US
C1 Test Const Mat:	Aluminum				Destination City:	
C1 Pkg Dsign Pres.:					Destination State:	
C1 Dsign Press UOM:					Destination Postal:	
C1 Pkg Shell Thick:					Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	
C1 Head Thickness:					Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:					Cont2 Pkg Capacity:	
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	
C1 Device Model:					Cont2 Pkg No Failed:	
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	0
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	0
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:					Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	Yes				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	DANA MYERS
Damage > 500:	No				Contact Title:	CUSTOMER SERVICE AGENT
Material Loss:	0				Contact Business:	Alaska Airlines
Carrier Damage:	0				Contact Street:	1647 Airport Way
Property Damage:	0				Contact City:	KODIAK
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatales:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0				HMIS Container Code:	CYL MTL
Total Haz Hosp Inj:	0				HMIS Container Desc:	Cylindrical metal container not for compressed gases (i. e. not a pressure vessel)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:	Item tendered for passenger baggage. Spill was contained within bag before screening. Item was removed and spill cleaned before transportation. Report submitted to FAA via DG in Baggage report					
Recommend Actions Taken:	educated passenger on prohibited items for future travel.					

[4](#) 2 of 2 WSW 0.04 / 222.83 65.31 / 1 1647 Airport Way KODIAK AK HMIRS

Incident County: KODIAK ISLAND

HMIR Incident Reports

Report No:	E-2006110133	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	A hazardous material incident	Fed DOT Report No:	6733
Date of Incident:	2006-11-12	Report Submit Src:	Web
Time of Incident:	0700	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	2.1	Mode Transport:	Air
Commodity Short Nm:	AEROSOLS, FLAMMABLE, (EA	Transport Phase:	In Transit Storage
Commodity Long Nm:	AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY)	Incident Occrrnce:	BAGGAGE AREA
Trade Name:	Scotch Gard	Mat Ship Approval?:	No
ID No:	UN1950	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	Alaska Airlines
Qty Released:	0.03125	CR Street Name:	1647 Airport Way
Unit of Measure:	Liquid - Gallon	CR City:	KODIAK
What Failed:	109	CR State:	AK
What Failed Desc:	Closure (e.g., Cap, Top, or Plug)	CR Postal Code:	99615
How Failed Code:	308	CR Non US State:	
How Failed Desc:	Leaked	CR Fed DOT ID:	367920
Failure Cause Code:	521	CR Hazmat Reg ID:	
Failure Cause Desc:	Inadequate Preparation for Transportation	CR Country:	US
Ident. Markings:	msds 19-6517-7	Shipper Name:	INDIVIDUAL - NOT A COMPANY
Cont1 Pkging Type:	Pressure receptacle	Shipper Street Name:	25111 Arctic Ocean
Cont1 Const Mat:	Aluminum	Shipper City:	LAKE FOREST
Cont1 Head Type:		Shipper State:	CA
Cont1 Pkg Capacity:	0.085938	Shipper Postal:	92630
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:	0.015625	Shipper Country:	US
C1 Pkg Amt UOM:	LGA	Shipper Waybill:	
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfctr:	scotch guard	Origin State:	
Cont1 Pkg Mnfct Dt:	2005-12-12 00:00:00	Origin Postal:	
Cont1 Pkg Serial NO:	34850967687	Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	Origin Country:	US
C1 Test Const Mat:	Aluminum	Destination City:	
C1 Pkg Dsign Pres.:	0	Destination State:	
C1 Dsign Press UOM:		Destination Postal:	
C1 Pkg Shell Thick:	0	Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	
C1 Head Thickness:	0	Cont2 Package Type:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	Yes				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	DANA MYERS
Damage > 500:	No				Contact Title:	CUSTOMER SERVICE AGENT
Material Loss:	0				Contact Business:	Alaska Airlines
Carrier Damage:	0				Contact Street:	1647 Airport Way
Property Damage:	0				Contact City:	KODIAK
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	CYLINDER
Haz Hosp Old Form:	0				HMIS Container Code:	CYL MTL
Total Haz Hosp Inj:	0				HMIS Container Desc:	Cylindrical metal container, not for compressed gases (i. e., not a pressure vessel)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:						Item tendered for passenger baggage. Spill was contained within bag before screening. Item was removed and spill cleaned before transportation. Report submitted to FAA via DG in Baggage report
Recommend Actions Taken:						educated passenger on prohibited items for future travel.

HMIR Incident Reports

Report No:	E-2014060432	Fed DOT Agency Nm:	
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	
Date of Incident:	2014-06-20	Report Submit Src:	Web
Time of Incident:	1410	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Class:	2.2				Mode Transport:	Air
Commodity Short Nm:	FIRE EXTINGUISHERS CONTA				Transport Phase:	In Transit Storage
Commodity Long Nm:	FIRE EXTINGUISHERS CONTAINING COMPRESSED OR LIQUEFIED GAS				Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:					Mat Ship Approval?:	No
ID No:	UN1044				Mat Ship Approv No:	
Haz Waste Ind:	No				Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:					Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No				Packing Group:	
TIH Hazard Zone:					Carrier Reporter:	Alaska Airlines
Qty Released:	0				CR Street Name:	1647 Airport Way
Unit of Measure:					CR City:	Kodiak
What Failed:					CR State:	AK
What Failed Desc:					CR Postal Code:	99615
How Failed Code:					CR Non US State:	
How Failed Desc:					CR Fed DOT ID:	367920
Failure Cause Code:					CR Hazmat Reg ID:	
Failure Cause Desc:					CR Country:	US
Ident. Markings:					Shipper Name:	Lynden Air Freight
Cont1 Pkging Type:	Composite Packaging				Shipper Street Name:	6441 South Airpark Place
Cont1 Const Mat:	Plastic				Shipper City:	Anchorage
Cont1 Head Type:					Shipper State:	AK
Cont1 Pkg Capacity:	0				Shipper Postal:	99502
C1 Capacity UOM:					Shipper Non US St:	
Cont1 Pkg Amt:	0				Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	027 8794-4323
Cont1 Pkg No:	0				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	0				Origin City:	Kodiak
Cont1 Pkg Mnfctr:					Origin State:	AK
Cont1 Pkg MnfcDt:	0-00-00 00:00:00				Origin Postal:	99615
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:	Plastic				Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:	0				Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99502
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:	0				Cont2 Package Type:	Cylinder
C1 Head Thick UOM:					Cont2 Const Mat:	Metal (any type)
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	No				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	Yes				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	CYNTHIA GIBSON
Damage > 500:	No				Contact Title:	CARGO LEAD
Material Loss:	0				Contact Business:	Alaska Air Cargo
Carrier Damage:	0				Contact Street:	1647 Airport Way
Property Damage:	0				Contact City:	Kodiak
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Facility
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	INSIDE CONTAIN
Haz Hosp Old Form:	0				HMIS Container Code:	CONT PLS
Total Haz Hosp Inj:	0				HMIS Container Desc:	Plastic container, no capacity or description given
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:	shipment was dropped off at our cargo office. See airway bill number 8794-4323. When we went to inspect it, we found it had TSA locks on it. shipper told cargo agent that he was told TSA will unlock with their key if needed. TSA does not do screening cargo in Kodiak. However, TSA was willing to unlock it for us. I opened the tote and started searching the tool cases inside I noticed that in the corner of the box was a fire extinguisher shoved in. Looked at the front of the extinguisher and the needle was in the green. Stopped screening at this point and locked tote back up. Shipper did not declare hazmat nor provided any hazmat paperwork.					
Recommend Actions Taken:	Shipper needs to follow their process for accepting cargo and determining if DG goods exists.					

<u>5</u>	1 of 1	W	0.05 / 274.99	63.46 / -1	UPS - KODIAK 1420 AIRPORT ROAD KODIAK AK 99615	RCRA VSQG
EPA Handler ID:	AKR000208975					
Gen Status Universe:	VSG					
Contact Name:	ERIN ENGLERT					
Contact Address:	4455 , 7TH AVENUE S , , SEATTLE , WA, 98108 , US					
Contact Phone No and Ext:	206-621-6338					
Contact Email:	EENGLERT@UPS.COM					
Contact Country:	US					
County Name:	KODIAK ISLAND					
EPA Region:	10					
Land Type:	Private					
Receive Date:	20210126					
Location Latitude:	57.755528					
Location Longitude:	-152.514833					

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210126
Handler Name: UPS - KODIAK
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U122
Waste Code Description: FORMALDEHYDE

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	1834
Type:	Private	Street 1:	MISSION ROAD
Name:	WINGSPAN PROPERTIES, LLC	Street 2:	
Date Became Current:		City:	KODIAK
Date Ended Current:		State:	AK
Phone:	907-539-1399	Country:	US
Source Type:	Notification	Zip Code:	99615
Owner/Operator Ind:	Current Operator	Street No:	4455
Type:	Private	Street 1:	7TH AVENUE S
Name:	UNITED PARCEL SERVICE	Street 2:	
Date Became Current:	20000501	City:	SEATTLE
Date Ended Current:		State:	WA
Phone:	206-621-6338	Country:	US
Source Type:	Notification	Zip Code:	98108

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1037
KODIAK AK 99615

EPA Handler ID: AKR000004325
 Gen Status Universe: No Report
 Contact Name: TERESA HARNISH
 Contact Address: PO BOX 2472 , , WENATCHEE , WA, 98807 , US
 Contact Phone No and Ext: 509-667-2229
 Contact Email:
 Contact Country: US
 County Name: KODIAK ISLAND
 EPA Region: 10
 Land Type: Private
 Receive Date: 20000602
 Location Latitude: 57.755778
 Location Longitude: -152.513063

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20000602
 Handler Name: ANDREW AIRWAYS INC
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 1037
Name:	DEAN T ANDREW	Street 2:	
Date Became Current:		City:	KODIAK
Date Ended Current:		State:	AK
Phone:	907-487-2566	Country:	
Source Type:	Notification	Zip Code:	99615

6	2 of 3	E	0.06 / 299.79	59.43 / -5	Andrew Airways 1522 Devil's Creek Rd Kodiak AK 99615	UST

Facility ID: 2469

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility Type: Air Taxi (Airline)
Latitude: 57.744569
Longitude: -151.502583

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Cathodically Protected Steel
Owner Tank ID:	2	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Pressurized
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	Cathodically Protected
Product:	Kerosene	Piping Rel Detect:	Auto Line LD
Capacity:	25000 gallons	Tank Rel Det:	Statistical Inventory Reconciliation
Age:	32.2	Spill Prevent Met:	Yes
Date Installed:	6/1/1979	Overfill Prevent Met:	Yes
Next Inspection Due:	10/31/2008	Cathodic Protect Met:	Yes
Status:	Permanently Out of Use Closed on 8/5/2011		
LD Other Methods:			

DEC Tank ID:	1	Tank Mat Constr:	Cathodically Protected Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Pressurized
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	Cathodically Protected
Product:	Gasoline	Piping Rel Detect:	Auto Line LD
Capacity:	25000 gallons	Tank Rel Det:	Statistical Inventory Reconciliation
Age:	32.2	Spill Prevent Met:	Yes
Date Installed:	6/1/1979	Overfill Prevent Met:	Yes
Next Inspection Due:	10/31/2008	Cathodic Protect Met:	Yes
Status:	Permanently Out of Use Closed on 8/5/2011		
LD Other Methods:			

DEC Tank ID:	3	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	3	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Safe Suction
Closure Status:	Not Listed	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	2000 gallons	Tank Rel Det:	Not Listed
Age:	14.3	Spill Prevent Met:	No
Date Installed:	6/1/1979	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 9/18/1993		
LD Other Methods:			

Owner Detail(s)

Site Name:	Andrew Airways	Owner ID:	9277
Location:	1522 Devil's Creek Rd	Owner Name:	Andrew Airways, Inc.
Facility Type:	Air Taxi (Airline)	Owner 1:	Andrew Airways, Inc.
Owner Address:	PO Box 1037 Kodiak, AK 99615		

Tank and Owner Detail(s)

Tank ID:	2	Owner ID:	9277
Tank Capacity:	25000	Owner Name:	Andrew Airways, Inc.
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 1037
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak
Substance:	Kerosene	Owner State:	AK
Regulated:	Yes	Owner Zip:	99615
Date Installed:	6/1/1979		
Tank ID:	1	Owner ID:	9277
Tank Capacity:	25000	Owner Name:	Andrew Airways, Inc.
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 1037

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Status Desc:	Permanently Out of Use				Owner City: Kodiak	
Substance:	Gasoline				Owner State: AK	
Regulated:	Yes				Owner Zip: 99615	
Date Installed:	6/1/1979					
Tank ID:	3				Owner ID: 9277	
Tank Capacity:	2000				Owner Name: Andrew Airways, Inc.	
Facility Type:	Air Taxi (Airline)				Owner Address: PO Box 1037	
Tank Status Desc:	Permanently Out of Use				Owner City: Kodiak	
Substance:	Gasoline				Owner State: AK	
Regulated:	Yes				Owner Zip: 99615	
Date Installed:	6/1/1979					

6	3 of 3	E	0.06 / 299.79	59.43 / -5	Andrew Air / Kodiak Airport 1522 Devils Creek Road Kodiak AK 99615	SPILLS
Spill ID:	39101			Latitude:		
Spill No:	12249903201			Longitude:		
Spill Date:	2/1/2012 12:00:00 AM			Address1:	1522 Devils Creek Road	
Facility Type:	Air Transportation			Address2:		
Facility Sub Type:	Airport/Airfield			City:	Kodiak	
Case Closed Date:	2/1/2012 12:00:00 AM			Zip Code:	99615	
Response:	Took Report			Area:	Central Alaska	
Location:	KODIAK CITY			Sub Area:	Kodiak Island	
Location Data:				Region:	Kodiak	
Spill Name:	Andrew Air Kodiak 35 Gallon Diesel Spill					
Source Type:	Tank, Other, Mobile					
<u>Spill Detail(s)</u>						
Substance Subtype:	Diesel			Cause Subtype:	Human Error	
Quantity Released:	35.000			Cause Type:	Human Factors	
Substance Unit:	Gallons			Affiliate Role:	Primary Responsible Party	
Quantity Potential:	35.000			Substance Type:	Noncrude Oil	
Responsible Party:	Andrew Air - Dorman, Dan					

<u>7</u>	1 of 3	W	0.06 / 340.34	64.63 / 0	Peninsula Airways - Kodiak Airport KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	SHWS
Hazard ID:	25097			Latitude:	57.755065	
Status:	Cleanup Complete - Institutional Controls			Longitude:	-152.514976	
File ID:	2601.26.036			Horizontal Datum:	WGS84	
Staff:	IC Unit, 9074655229 dec.icunit@alaska.gov					
Comments:						

Action Information

Action Date: 4/15/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Waiver of 15-day notification period for closure of two UST's approved by Tim Stevens

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: Donald Seagren
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

36 yds3 contaminated soil excavated and stockpiled during UST removal. Soil transported to ASR in Anchorage for thermal remediation.

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77499 (Added by System)

Action Date: 4/17/1998
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 8/20/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Soil Remediation and Disposal Workplan, dated 20 August 98, approved by Paul Horwath

Action Date: 8/21/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Floor drain piping and discharge point work plan submitted.

Action Date: 1/28/2003
Action: Release Investigation
DEC Staff: Donald Seagren
Description:

Final Report, Site Report for Tank, Pipeline and Floor Drain Removal reviewed. Contamination remains above ADEC Method Two clenaup levels. Additional site assessment and remediation required to determine extent of contamination and remediate soils.

Action Date: 4/1/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Discussed the site with Scott Ruth, Bristol Environmental. Reviewed the summary he put together and discussed it further. Agreed with conclusions and approach to site cleanup/remediation. Discussed 2 soil remediation facilities operating on Kodiak this summer. Scott will discuss it with the owner and submit a work plan for work this summer.

Action Date: 4/22/2003
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: Donald Seagren
Description:

Reviewed and conditionally approved CAP.

Action Date: 5/21/2003
Action: Underground Storage Tank Site Characterization or Assessment
DEC Staff: Donald Seagren
Description:

Reviewed preliminary sampling results. Discussed with consultant. Will approve backfilling once data in finalized. Due to probable contamination under building from floor drain, NFA rather than site closure will be issued upon receipt & review of final report.

Action Date: 6/2/2003
Action: Update or Other Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Donald Seagren				
Description:						
Reviewed draft Soil Remediation work plan. Provided comments and OK to finalize.						
Action Date:		6/4/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved Soil Remediation Work Plan dated 3 June 03. FAXed signed USR Soil Data Acceptance form to Scott Ruth.						
Action Date:		9/19/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Worked with consultant on developing Institutional Control (Deed Notice) and how to deal with bankrupt soil processor.						
Action Date:		4/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Continue working with RP/consultant and Koniag on developing a plan to deal with soils remaining at the former USR Bruhn Point Facility.						
Action Date:		6/10/2004				
Action:		Institutional Control Record Established				
DEC Staff:		Donald Seagren				
Description:						
Copy of notarized Deed Notice filed with the Kodiak Records office on 29 December 03 received.						
Action Date:		6/15/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved post treatment sampling plan for 125 yds3 of treated soil at the former USR Bruhn Point facility. The remaining 125 yds3 of untreated soil still needs resolution this summer.						
Action Date:		7/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Approved plan by TC Enterprises to complete treatment of 250 yds3 of petroleum contaminated soil remaining at the former USR Bruhn Point facility when they filed for bankruptcy.						
Action Date:		12/9/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number 2601.26.036 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.						
Action Date:		8/16/2005				
Action:		Conditional Closure Approved				
DEC Staff:		Donald Seagren				
Description:						
Soil contamination exceeding ADEC cleanup levels remainins under the hangar floor. An institutional control in the form of a Deed Notice has been filed. Further assessment and/or corrective action will be required should the contamination become accessible. Natual attenuation will further reduce the						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

remaining contaminant levels. The risk to human health and the environment is low. The approximate 250 yds³ of contaminated soil that was excavated and thermally treated at the former USR Bruhn Point facility has been shown to be below cleanup levels. Koniag Inc. has given permission to spread the treated soils on site.

Action Date: 8/16/2005
Action: Report or Workplan Review - Other
DEC Staff: Donald Seagren
Description:

Reviewed the site assessment report for the former USR Bruhn Point facility. The analytical data included in the report for the PenAir soils shows all the contaminant levels are all below ADEC cleanup levels. Koniag, Inc., the landowner, gave approval to landspread the soils on site.

Action Date: 6/17/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.

Action Date: 11/10/2014
Action: Update or Other Action
DEC Staff: Kristin Thompson
Description:

Staff changed from Paul Horwath to IC Unit.

Action Date: 8/18/2015
Action: Institutional Control Compliance Review
DEC Staff: Evonne Reese
Description:

IC compliance review conducted. Schedule to send an IC reminder letter.

Action Date: 8/20/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

An IC reminder letter was issued to the responsible party on this date.

Action Date: 9/4/2015
Action: Institutional Control Update
DEC Staff: Evonne Reese
Description:

Contacted by the past property owner/lessee to inform us that they sold the business a long time ago but didn't recall who the new owner is. We'll need to contact ADOT or the Kodiak Airport to see if there is updated information and resend the IC reminder letter at that time.

Action Date: 9/17/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Lat/Long collected and verified using CS Internal ArcGIS.com web map (PH)
Entered correct Lat/Long into database: 57.755065 -152.514976

Action Date: 10/1/2015
Action: Institutional Control Update
DEC Staff: Evonne Reese
Description:

Contacted ADOT to find the current land lessee's contact information and updated the Affiliates information. Resend the IC reminder letter to the new contact.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 10/6/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

The IC reminder letter was re-issued to the updated affiliate address on this date.

Action Date: 5/31/2017
Action: Institutional Control Compliance Review
DEC Staff: Kristin Thompson
Description:

IC compliance review conducted. Closure/IC Details updated. Reminder system set to follow-up every three years, with the next review scheduled to occur in 2018.

Action Date: 10/30/2018
Action: Institutional Control Compliance Review
DEC Staff: Mossy Mead
Description:

An ICs verification letter was issued to the responsible party on this date.

Containment Information

Name: Benzene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Notice of Environmental Contamination
Details: Document No. 2004-000399-0 recorded in the Kodiak Recording District of the State Recorder's Office on 2/19/2004.

Requirements

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
Details: Standard condition.

Description: Advance approval required to transport soil or groundwater off-site.
Details: Standard condition.

Description: Groundwater Use Restrictions
Details: A drinking water well may not be installed in or through the soil-contaminated zone.

Description: When Contaminated Soil is Accessible, Remediation Should Occur
Details: In the event that the remaining contaminated soil becomes accessible (by the building or other structure being removed or through some other action that fits the site circumstances), the land owner and/or operator are required under 18 AAC 75 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations.

Description: Periodic Review
Details: Every three years.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Documents Information

Name:	IC Verification Letter - Oct 2018
Link:	http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30492&fileName=25097_2018.10.30%20IC%20Verif%20Ltr%20Pen.Airways.Kodiak.pdf
Name:	Closure Letter
Link:	http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28924&fileName=25097_Closure%2BLetter.pdf
Name:	Institutional Controls Reminder Letter - October 2015
Link:	http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28611&fileName=25097_IC%2BReminder%2BLetter_PenAir%2BKodiak%2BAirport_new%2Bcontact_Oct%2B2015.pdf
Name:	Recorded NEC 2004 Peninsula Airways - Kodiak Airport
Link:	http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30472&fileName=25097_2004.02.19%20NEC%20Peninsula%20Airways%20Kodiak.pdf

7	2 of 3	W	0.06 / 340.34	64.63 / 0	Peninsula Airways - Kodiak Airport KODIAK STATE AIRPORT LOT 7B, BLOCK 1600, Kodiak, AK 99615 AK	INST
Hazard ID:	25097					
Status:	Cleanup Complete - Institutional Controls					
File ID:	2601.26.036					
Staff:	IC Unit, 9074655229 dec.icunit@alaska.gov					
Latitude:	57.755065					
Longitude:	-152.514976					
Horizontal Datum:	WGS84					
Comments:						

Action Information

Action Date:	8/16/2005
Action:	Report or Workplan Review - Other
DEC Staff:	Donald Seagren
Description:	

Reviewed the site assessment report for the former USR Bruhn Point facility. The analytical data included in the report for the PenAir soils shows all the contaminant levels are all below ADEC cleanup levels. Koniag, Inc., the landowner, gave approval to landspread the soils on site.

Action Date:	6/17/2008
Action:	Update or Other Action
DEC Staff:	Alyce Hughey
Description:	

Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.

Action Date:	11/10/2014
Action:	Update or Other Action
DEC Staff:	Kristin Thompson
Description:	

Staff changed from Paul Horwath to IC Unit.

Action Date:	8/18/2015
Action:	Institutional Control Compliance Review
DEC Staff:	Evonne Reese
Description:	

IC compliance review conducted. Schedule to send an IC reminder letter.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 8/20/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

An IC reminder letter was issued to the responsible party on this date.

Action Date: 9/4/2015
Action: Institutional Control Update
DEC Staff: Evonne Reese
Description:

Contacted by the past property owner/lessee to inform us that they sold the business a long time ago but didn't recall who the new owner is. We'll need to contact ADOT or the Kodiak Airport to see if there is updated information and resend the IC reminder letter at that time.

Action Date: 9/17/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Lat/Long collected and verified using CS Internal ArcGIS.com web map (PH)
Entered correct Lat/Long into database: 57.755065 -152.514976

Action Date: 10/1/2015
Action: Institutional Control Update
DEC Staff: Evonne Reese
Description:

Contacted ADOT to find the current land lessee's contact information and updated the Affiliates information. Resend the IC reminder letter to the new contact.

Action Date: 10/6/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

The IC reminder letter was re-issued to the updated affiliate address on this date.

Action Date: 5/31/2017
Action: Institutional Control Compliance Review
DEC Staff: Kristin Thompson
Description:

IC compliance review conducted. Closure/IC Details updated. Reminder system set to follow-up every three years, with the next review scheduled to occur in 2018.

Action Date: 10/30/2018
Action: Institutional Control Compliance Review
DEC Staff: Mossy Mead
Description:

An ICs verification letter was issued to the responsible party on this date.

Action Date: 4/15/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Waiver of 15-day notification period for closure of two UST's approved by Tim Stevens

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Donald Seagren				
Description:						
36 yds3 contaminated soil excavated and stockpiled during UST removal. Soil transported to ASR in Anchorage for thermal remediation.						
Action Date:		4/17/1998				
Action:		Leaking Underground Storage Tank Release Confirmed - Petroleum				
DEC Staff:		* Not Assigned				
Description:						
LUST Site created in CSP for source area ID 77499 (Added by System)						
Action Date:		4/17/1998				
Action:		Site Added to Database				
DEC Staff:		* Not Assigned				
Description:						
Action Date:		8/20/1998				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Soil Remediation and Disposal Workplan, dated 20 August 98, approved by Paul Horwath						
Action Date:		8/21/1998				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Floor drain piping and discharge point work plan submitted.						
Action Date:		1/28/2003				
Action:		Release Investigation				
DEC Staff:		Donald Seagren				
Description:						
Final Report, Site Report for Tank, Pipeline and Floor Drain Removal reviewed. Contamination remains above ADEC Method Two clenaup levels. Additional site assessment and remediation required to determine extent of contamination and remediate soils.						
Action Date:		4/1/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Discussed the site with Scott Ruth, Bristol Environmental. Reviewed the summary he put together and discussed it further. Agreed with conclusions and approach to site cleanup/remediation. Discussed 2 soil remediation facilities operating on Kodiak this summer. Scott will discuss it with the owner and submit a work plan for work this summer.						
Action Date:		4/22/2003				
Action:		Leaking Underground Storage Tank Corrective Action Underway				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and conditionally approved CAP.						
Action Date:		5/21/2003				
Action:		Underground Storage Tank Site Characterization or Assessment				
DEC Staff:		Donald Seagren				
Description:						
Reviewed preliminary sampling results. Discussed with consultant. Will approve backfilling once data in finalized. Due to probable contamination under building from floor drain, NFA rather than site closure will be issued upon receipt & review of final report.						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		6/2/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed draft Soil Remediation work plan. Provided comments and OK to finalize.						
Action Date:		6/4/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved Soil Remediation Work Plan dated 3 June 03. FAXed signed USR Soil Data Acceptance form to Scott Ruth.						
Action Date:		9/19/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Worked with consultant on developing Institutional Control (Deed Notice) and how to deal with bankrupt soil processor.						
Action Date:		4/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Continue working with RP/consultant and Koniag on developing a plan to deal with soils remaining at the former USR Bruhn Point Facility.						
Action Date:		6/10/2004				
Action:		Institutional Control Record Established				
DEC Staff:		Donald Seagren				
Description:						
Copy of notarized Deed Notice filed with the Kodiak Records office on 29 December 03 received.						
Action Date:		6/15/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved post treatment sampling plan for 125 yds3 of treated soil at the former USR Bruhn Point facility. The remaining 125 yds3 of untreated soil still needs resolution this summer.						
Action Date:		7/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Approved plan by TC Enterprises to complete treatment of 250 yds3 of petroleum contaminated soil remaining at the former USR Bruhn Point facility when they filed for bankruptcy.						
Action Date:		12/9/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number 2601.26.036 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.						
Action Date:		8/16/2005				
Action:		Conditional Closure Approved				
DEC Staff:		Donald Seagren				
Description:						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Soil contamination exceeding ADEC cleanup levels remains under the hangar floor. An institutional control in the form of a Deed Notice has been filed. Further assessment and/or corrective action will be required should the contamination become accessible. Natural attenuation will further reduce the remaining contaminant levels. The risk to human health and the environment is low. The approximate 250 yds³ of contaminated soil that was excavated and thermally treated at the former USR Bruhn Point facility has been shown to be below cleanup levels. Koniag Inc. has given permission to spread the treated soils on site.

Containment Information

Name: Benzene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Notice of Environmental Contamination
Details: Document No. 2004-000399-0 recorded in the Kodiak Recording District of the State Recorder's Office on 2/19/2004.

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details: Standard condition.

Description: Groundwater Use Restrictions
Details: A drinking water well may not be installed in or through the soil-contaminated zone.

Description: When Contaminated Soil is Accessible, Remediation Should Occur
Details: In the event that the remaining contaminated soil becomes accessible (by the building or other structure being removed or through some other action that fits the site circumstances), the land owner and/or operator are required under 18 AAC 75 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations.

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
Details: Standard condition.

Description: Periodic Review
Details: Every three years.

Documents Information

Name: Recorded NEC 2004 Peninsula Airways - Kodiak Airport
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30472&fileName=25097_2004.02.19%20NEC%20Peninsula%20Airways%20Kodiak.pdf

Name: Closure Letter
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28924&fileName=25097_Closure%2BLetter.pdf

Name: IC Verification Letter - Oct 2018
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30492&fileName=25097_2018.10.30%20IC%20Verif%20Ltr%20Pen.Airways.Kodiak.pdf

Name: Institutional Controls Reminder Letter - October 2015
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28611&fileName=25097_IC%2BReminder%2BLetter_PenAir%2BKodiak%2BAirport_new%2Bcontact_Oct%2B2015.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	3 of 3	W	0.06 / 340.34	64.63 / 0	Peninsula Airways - Kodiak Airport KODIAK STATE AIRPORT LOT 7B, BLOCK 1600 Kodiak AK 99615	LUST

Facility ID:		Archived Rcrd Key:	1998250010701
Hazard ID:	25097	Site Type:	Airport/Airfield
Spill Date:		Latitude:	57.755065
Status:	Cleanup Complete - Institutional Controls	Longitude:	-152.514976
LUST Event ID:	2718	Borough:	Kodiak Island
CS or LUST:	LUST	Staff:	IC Unit
File No:	2601.26.036	Horizontal Datum:	WGS84
Land Owner:	ADOT&PF Central Region		
Data Source:	SPAR Online Services - Contaminated Sites / UST Database		
Comments:			

Action Information

Action Date: 4/17/1998
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77499 (Added by System)

Action Date: 4/17/1998
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 8/20/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Soil Remediation and Disposal Workplan, dated 20 August 98, approved by Paul Horwath

Action Date: 8/21/1998
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Floor drain piping and discharge point work plan submitted.

Action Date: 1/28/2003
Action: Release Investigation
DEC Staff: Donald Seagren
Description:

Final Report, Site Report for Tank, Pipeline and Floor Drain Removal reviewed. Contamination remains above ADEC Method Two cleanup levels. Additional site assessment and remediation required to determine extent of contamination and remediate soils.

Action Date: 10/6/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

The IC reminder letter was re-issued to the updated affiliate address on this date.

Action Date: 5/31/2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Institutional Control Compliance Review				
DEC Staff:		Kristin Thompson				
Description:						
IC compliance review conducted. Closure/IC Details updated. Reminder system set to follow-up every three years, with the next review scheduled to occur in 2018.						
Action Date:		10/30/2018				
Action:		Institutional Control Compliance Review				
DEC Staff:		Mossy Mead				
Description:						
An ICs verification letter was issued to the responsible party on this date.						
Action Date:		4/1/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Discussed the site with Scott Ruth, Bristol Environmental. Reviewed the summary he put together and discussed it further. Agreed with conclusions and approach to site cleanup/remediation. Discussed 2 soil remediation facilities operating on Kodiak this summer. Scott will discuss it with the owner and submit a work plan for work this summer.						
Action Date:		4/22/2003				
Action:		Leaking Underground Storage Tank Corrective Action Underway				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and conditionally approved CAP.						
Action Date:		5/21/2003				
Action:		Underground Storage Tank Site Characterization or Assessment				
DEC Staff:		Donald Seagren				
Description:						
Reviewed preliminary sampling results. Discussed with consultant. Will approve backfilling once data in finalized. Due to probable contamination under building from floor drain, NFA rather than site closure will be issued upon receipt & review of final report.						
Action Date:		6/2/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed draft Soil Remediation work plan. Provided comments and OK to finalize.						
Action Date:		6/4/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Reviewed and approved Soil Remediation Work Plan dated 3 June 03. FAXed signed USR Soil Data Acceptance form to Scott Ruth.						
Action Date:		9/19/2003				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Worked with consultant on developing Institutional Control (Deed Notice) and how to deal with bankrupt soil processor.						
Action Date:		4/27/2004				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Continue working with RP/consultant and Koniag on developing a plan to deal with soils remaining at the former USR Bruhn Point Facility.

Action Date: 6/10/2004
Action: Institutional Control Record Established
DEC Staff: Donald Seagren
Description:

Copy of notarized Deed Notice filed with the Kodiak Records office on 29 December 03 received.

Action Date: 6/15/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed and approved post treatment sampling plan for 125 yds3 of treated soil at the former USR Bruhn Point facility. The remaining 125 yds3 of untreated soil still needs resolution this summer.

Action Date: 7/27/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Approved plan by TC Enterprises to complete treatment of 250 yds3 of petroleum contaminated soil remaining at the former USR Bruhn Point facility when they filed for bankrutcy.

Action Date: 12/9/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.036 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 8/16/2005
Action: Report or Workplan Review - Other
DEC Staff: Donald Seagren
Description:

Reviewed the site assessment report for the former USR Bruhn Point facility. The analytical data included in the report for the PenAir soils shows all the contaminant levels are all below ADEC cleanup levels. Koniag, Inc., the landowner, gave approval to landspread the soils on site.

Action Date: 6/17/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Site transferred from Don Seagren to Paul Horwath per Linda Nuechterlein.

Action Date: 11/10/2014
Action: Update or Other Action
DEC Staff: Kristin Thompson
Description:

Staff changed from Paul Horwath to IC Unit.

Action Date: 8/18/2015
Action: Institutional Control Compliance Review
DEC Staff: Evonne Reese
Description:

IC compliance review conducted. Schedule to send an IC reminder letter.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	8/20/2015
Action:	Institutional Control Update
DEC Staff:	Kristin Thompson
Description:	

An IC reminder letter was issued to the responsible party on this date.

Action Date:	9/4/2015
Action:	Institutional Control Update
DEC Staff:	Evonne Reese
Description:	

Contacted by the past property owner/lessee to inform us that they sold the business a long time ago but didn't recall who the new owner is. We'll need to contact ADOT or the Kodiak Airport to see if there is updated information and resend the IC reminder letter at that time.

Action Date:	9/17/2015
Action:	Update or Other Action
DEC Staff:	Paul Horwath
Description:	

Lat/Long collected and verified using CS Internal ArcGIS.com web map (PH)
Entered correct Lat/Long into database: 57.755065 -152.514976

Action Date:	10/1/2015
Action:	Institutional Control Update
DEC Staff:	Evonne Reese
Description:	

Contacted ADOT to find the current land lessee's contact information and updated the Affiliates information. Resend the IC reminder letter to the new contact.

Action Date:	8/16/2005
Action:	Conditional Closure Approved
DEC Staff:	Donald Seagren
Description:	

Soil contamination exceeding ADEC cleanup levels remainins under the hangar floor. An institutional control in the form of a Deed Notice has been filed. Further assessment and/or corrective action will be required should the contamination become accessible. Natual attenuation will further reduce the remaining contaminant levels. The risk to human health and the environment is low. The approximate 250 yds3 of contaminated soil that was excavated and thermally treated at the former USR Bruhn Point facility has been shown to be below cleanup levels. Koniag Inc. has given permission to spread the treated soils on site.

Action Date:	4/15/1998
Action:	Update or Other Action
DEC Staff:	Donald Seagren
Description:	

Waiver of 15-day notification period for closure of two UST's approved by Tim Stevens

Action Date:	4/17/1998
Action:	Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff:	Donald Seagren
Description:	

36 yds3 contaminated soil excavated and stockpiled during UST removal. Soil transported to ASR in Anchorage for thermal remediation.

Containment Information

Name:	DRO
Media:	Soil
Level Description:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name: Media: Level Description: Comments:		Benzene Soil Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation				
<u>Control Information</u>						
Type: Details:		Notice of Environmental Contamination Document No. 2004-000399-0 recorded in the Kodiak Recording District of the State Recorder's Office on 2/19/2004.				
<u>Requirements</u>						
Description: Details:		Periodic Review Every three years.				
Description: Details:		When Contaminated Soil is Accessible, Remediation Should Occur In the event that the remaining contaminated soil becomes accessible (by the building or other structure being removed or through some other action that fits the site circumstances), the land owner and/or operator are required under 18 AAC 75 to notify ADEC and evaluate the environmental status of the contamination in accordance with applicable laws and regulations.				
Description: Details:		Groundwater Use Restrictions A drinking water well may not be installed in or through the soil-contaminated zone.				
Description: Details:		Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70) Standard condition.				
Description: Details:		Advance approval required to transport soil or groundwater off-site. Standard condition.				
<u>Documents Information</u>						
Name: Link:		Institutional Controls Reminder Letter - October 2015 http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28611&fileName=25097_IC%2BReminder%2BLetter_PenAir%2BKodiak%2BAirport_new%2Bcontact_Oct%2B2015.pdf				
Name: Link:		Recorded NEC 2004 Peninsula Airways - Kodiak Airport http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30472&fileName=25097_2004.02.19%20NEC%20Peninsula%20Airways%20Kodiak.pdf				
Name: Link:		Closure Letter http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28924&fileName=25097_Closure%2BLetter.pdf				
Name: Link:		IC Verification Letter - Oct 2018 http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=30492&fileName=25097_2018.10.30%20IC%20Verif%20Ltr%20Pen.Airways.Kodiak.pdf				
<u>8</u>	1 of 2	SW	0.08 / 436.23	67.07 / 3	1647 airport road KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

HMIR Historical Reports

Report No:	E-2011040321	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	516444
Date of Incident:	04/22/2011	Report Submit Src:	Web
Time of Incident:	0800	Inc Multiple Rows:	No
Haz Class Code:	1.4S	Inc Non US State:	
Hazardous Class:	EXPLOSIVE NO BLAST HAZARD	Mode Transport:	Air

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Commodity Short Nm:	AMMUNITION SPORTING				Transport Phase:	IN TRANSIT STORAGE
Commodity Long Nm:	AMMUNITION SPORTING				Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:	federal ammunition				Mat Ship Approval?:	No
ID No:	UN0012				Mat Ship Approv No:	
Haz Waste Ind:	No				Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:					Packaging Type:	Other - action packer
HMIS Tox Inhalation?:	No				Packing Group:	
TIH Hazard Zone:					Carrier Reporter:	ALASKA AIRLINES INC.
Qty Released:	0				CR Street Name:	1647 AIRPORT WAY
Unit of Measure:					CR City:	KODIAK
What Failed:					CR State:	AK
What Failed Desc:					CR Postal Code:	99615-6831
How Failed Code:					CR Non US State:	
How Failed Desc:					CR Fed DOT ID:	367920
Failure Cause Code:					CR Hazmat Reg ID:	e-2011040321
Failure Cause Desc:					CR Country:	US
Ident. Markings:					Shipper Name:	SEA HAWK AIR INC
Cont1 Pkging Type:					Shipper Street Name:	506 TRIDENT WAY
Cont1 Const Mat:					Shipper City:	KODIAK
Cont1 Head Type:					Shipper State:	AK
Cont1 Pkg Capacity:					Shipper Postal:	99615-7401
C1 Capacity UOM:					Shipper Non US St:	
Cont1 Pkg Amt:					Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	02772171923
Cont1 Pkg No:					Ship Hazmat Reg ID:	516444
C1 Pkg NO Failed:					Origin City:	KODIAK
Cont1 Pkg Mnfctr:					Origin State:	ALASKA
Cont1 Pkg Mnfc Dt:					Origin Postal:	99615
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:					Origin Country:	US
C1 Test Const Mat:					Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:					Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99507
C1 Pkg Shell Thick:					Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:					Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvs Pres.:					Cont2 Pkg Capacity:	
C1 Srvs Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	
C1 Device Model:					Cont2 Pkg No Failed:	
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	0
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	0
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:					Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	No				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	Yes				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	KIELA PICKETT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Damage > 500:	No				Contact Title:	CARGO AGENT
Material Loss:	0				Contact Business:	Alaska Airlines
Carrier Damage:	0				Contact Street:	1647 airport road
Property Damage:	0				Contact City:	Kodiak
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatales:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0				HMIS Container Code:	CONT
Total Haz Hosp Inj:	0				HMIS Container Desc:	Container no description given (do not use if at all possible)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:						during the physical screening found undeclared ammunition in an action packer. One box of 45 mm 20 rounds in package and 10 338 mm loose ammunition.
Recommend Actions Taken:						

8	2 of 2	SW	0.08 / 436.23	67.07 / 3	1647 airport road KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

HMIR Incident Reports

Report No:	E-2011040321	Fed DOT Agency Nm:	Federal Aviation Administration (FAA)
Report Type:	Undeclared Shipment with no Release	Fed DOT Report No:	516444
Date of Incident:	2011-04-22	Report Submit Src:	Web
Time of Incident:	0800	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	1.4S	Mode Transport:	Air
Commodity Short Nm:	AMMUNITION, SPORTING	Transport Phase:	In Transit Storage
Commodity Long Nm:	AMMUNITION, SPORTING	Incident Occrrnce:	AIR CARRIER CARGO FACILITY
Trade Name:	federal ammunition	Mat Ship Approval?:	No
ID No:	UN0012	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:		Packaging Type:	Other - action packer
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	Alaska Airlines
Qty Released:	0	CR Street Name:	1647 airport road
Unit of Measure:		CR City:	Kodiak
What Failed:		CR State:	AK
What Failed Desc:		CR Postal Code:	99615
How Failed Code:		CR Non US State:	
How Failed Desc:		CR Fed DOT ID:	367920
Failure Cause Code:		CR Hazmat Reg ID:	e-2011040321
Failure Cause Desc:		CR Country:	US
Ident. Markings:		Shipper Name:	Seahawk Air
Cont1 Pkging Type:		Shipper Street Name:	505 trident way
Cont1 Const Mat:		Shipper City:	Kodiak
Cont1 Head Type:		Shipper State:	AK
Cont1 Pkg Capacity:	0	Shipper Postal:	99615
C1 Capacity UOM:		Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	02772171923
Cont1 Pkg No:	0	Ship Hazmat Reg ID:	516444

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
C1 Pkg NO Failed:	0				Origin City:	
Cont1 Pkg Mnfrctr:					Origin State:	
Cont1 Pkg Mnfrct Dt:	0-00-00 00:00:00				Origin Postal:	
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:					Destination City:	ANCHORAGE
C1 Pkg Dsign Pres.:	0				Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99507
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:	0				Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfrctr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	No				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	Yes				Cargo Baggage:	
Fire EMS Report:	No				Ship Non Transport:	Yes
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	KIELA PICKETT
Damage > 500:	No				Contact Title:	CARGO AGENT
Material Loss:	0				Contact Business:	Alaska Airlines
Carrier Damage:	0				Contact Street:	1647 airport road
Property Damage:	0				Contact City:	Kodiak
Response Cost:	0				Contact State:	AK
Remediation Cost:	0				Contact Postal:	99615
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	0				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respntrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	CONTAINER
Haz Hosp Old Form:	0				HMIS Container Code:	CONT
Total Haz Hosp Inj:	0				HMIS Container Desc:	Container, no description given (do not use if at all possible)
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:						

during the physical screening found undeclared ammunition in an action packer. One box of 45 mm 20 rounds in

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Recommend Actions Taken:		package and 10 338 mm loose ammunition.				

<u>9</u>	1 of 2	WSW	0.11 / 580.15	68.32 / 4	Alaska Airlines - Kodiak Kodiak International Terminal Building, Kodiak, AK 99615 AK	SHWS

Hazard ID:	24566	Latitude:	57.754337
Status:	Cleanup Complete	Longitude:	-152.515535
File ID:	2601.26.004	Horizontal Datum:	WGS84
Staff:	No Longer Assigned, 9074655229 dec.icunit@alaska.gov		
Comments:			

Last staff assigned was English, and then lastly Horwath. Horwath closed site.

Action Information

Action Date:	1/24/1996
Action:	Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff:	* Not Assigned
Description:	

Action Date:	1/24/1996
Action:	Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff:	* Not Assigned
Description:	

LUST Site created in CSP for source area ID 77098

Action Date:	1/24/1996
Action:	Site Added to Database
DEC Staff:	* Not Assigned
Description:	

Action Date:	11/20/1997
Action:	Update or Other Action
DEC Staff:	* Not Assigned
Description:	

ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: ALASKA AIRLINES

Action Date:	1/31/2001
Action:	Site Closure Approved
DEC Staff:	Paul Horwath
Description:	

No Further Cleanup Action Required Letter Issued January 31, 2001.

Action Date:	11/30/2004
Action:	Update or Other Action
DEC Staff:	Alyce Hughey
Description:	

File number 2601.26.004 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date:	9/18/2015
Action:	Update or Other Action
DEC Staff:	Paul Horwath
Description:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entered correct Lat/Long location coordinates into database: 57.754337 -152.515535
 Lat/Long collected and verified using CS Internal ArcGIS.com web map (PDH)

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

9	2 of 2	WSW	0.11 / 580.15	68.32 / 4	Alaska Airlines - Kodiak Kodiak International Terminal Building Kodiak AK 99615	LUST

Facility ID:		Archived Rcrd Key:	1996250002401
Hazard ID:	24566	Site Type:	Unknown
Spill Date:		Latitude:	57.754337
Status:	Cleanup Complete	Longitude:	-152.515535
LUST Event ID:	1244	Borough:	Kodiak Island
CS or LUST:	LUST	Staff:	No Longer Assigned
File No:	2601.26.004	Horizontal Datum:	WGS84
Land Owner:	Alaska Airlines		
Data Source:	SPAR Online Services - Contaminated Sites / UST Database		
Comments:			

Last staff assigned was English, and then lastly Horwath. Horwath closed site.

Action Information

Action Date: 1/24/1996
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

Action Date: 1/24/1996
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 77098

Action Date: 1/24/1996
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 11/20/1997
Action: Update or Other Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff: * Not Assigned
Description:

ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: ALASKA AIRLINES

Action Date: 1/31/2001
Action: Site Closure Approved
DEC Staff: Paul Horwath
Description:

No Further Cleanup Action Required Letter Issued January 31, 2001.

Action Date: 11/30/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.004 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 9/18/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Entered correct Lat/Long location coordinates into database: 57.754337 -152.515535
Lat/Long collected and verified using CS Internal ArcGIS.com web map (PDH)

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

10	1 of 1	W	0.11 / 592.12	61.50 / -3	ADOT&PF Kodiak Airport Apron Drums US Coast Guard Airport, Kodiak, AK 99615 AK	SHWS
Hazard ID:	3772			Latitude:	57.755556	
Status:	Active			Longitude:	-152.516389	
File ID:	2601.38.006			Horizontal Datum:	NAD83	
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov					
Comments:						

During the removal of an underground storage tank system/airport apron upgrade, drums containing residual oil as well as jet fuel or diesel fuel were encountered. These materials apparently were abandoned while the Coast Guard managed the site. ADOT&PF worked with the department to allow the apron upgrade to continue. 22 drums filled with tar, various metallic debris, and 1,600 cubic yards of DRO, RRO impacted soil were removed in 2001. The site is on the current parking apron and is covered with asphalt. Contaminated soil remains above cleanup levels. Groundwater was not encountered at excavation depths of 18-feet. The site is currently in the FUDS program, but is a low priority due to limited exposure pathways (2007).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Information

Action Date: 3/22/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 9/7/2005
Action: GIS Position Updated
DEC Staff: Alyce Hughey
Description:

Using Figure 2 from a Site Closure Report, from T & R Environmental Consulting Inc., dated August 2002, in conjunction with TopoZone Pro, entered the coordinates for this site. Metadata includes USGS Topo Maps 1:63K, TopoZone Pro Street Maps, Black and White Aerial Photo, on a Medium Size Map, View Scale 1:24,000, Coordinate Datum NAD83. Moderate to high degree of confidence in accuracy of location.

Action Date: 11/18/2005
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File sent to Anchorage from Soldotna, and changed project manager from Don Fritz to Jeff Brownlee.

Action Date: 3/28/2007
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Site is currently in the FUDS program, but considered a low priority due to limited exposure pathways.

Action Date: 3/28/2007
Action: Exposure Tracking Model Ranking
DEC Staff: Jeff Brownlee
Description:

Action Date: 9/15/2016
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.

Action Date: 6/24/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the scoping letter and preliminary project drawings for the Kodiak Airport Rehabilitation Project and submitted general review comments to the Alaska Department of Transportation and Public Facilities.

Action Date: 7/29/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the revised draft 2021 Kodiak Airport Perimeter Fence Project Environmental Management Plan and submitted review comments to the ADOT&PF and USCG.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	4/27/2001
Action:	Interim Removal Action Approved
DEC Staff:	Don Fritz
Description:	

ADOT&PF was approved to excavate contaminated soils encountered during their apron upgrade and stockpile at the Coast Guard base.

Action Date:	5/14/2001
Action:	Cleanup Plan Approved
DEC Staff:	Don Fritz
Description:	

Excavation plan addendum to interim removal action approved.

Action Date:	8/29/2001
Action:	Site Added to Database
DEC Staff:	Bruce Wanstall
Description:	

Petroleum contamination.

Action Date:	8/29/2001
Action:	Site Ranked Using the AHRM
DEC Staff:	Bruce Wanstall
Description:	

Preliminary ranking. Pillar Creek and Monashka Creek Reservoirs provide water, which is stored and distributed by pipe throughout the area.

Action Date:	1/9/2003
Action:	Update or Other Action
DEC Staff:	Don Fritz
Description:	

Comment letter provided for August 2002 soil sampling analytical report. The report was inadequate, and failed to relay needed information to evaluate what took place

Action Date:	2/3/2004
Action:	Update or Other Action
DEC Staff:	Don Fritz
Description:	

Received a current conditions report from the Coast Guard. The intent is to have remaining contamination at the site addressed under the Solid Waste Management Unit 16 for the Kodiak Coast Guard Base.

Action Date:	2/19/2004
Action:	Update or Other Action
DEC Staff:	Don Fritz
Description:	

Received a memo from the Coast Guard to the Army Corps of Engineers requesting the Airport Apron drum site be worked as a Fud based on a Current Conditions Report. Memo states that the contamination occurred while a DOD site prior to Coast Guard occupation

11	1 of 12	WSW	0.12 / 646.25	68.37 / 4	PENINSULA AIRWAYS INC LOT 7 BLOCK KODIAK STATE AIRPORT KODIAK AK 99615	RCRA NON GEN
EPA Handler ID:		AKR000002600				
Gen Status Universe:		No Report				
Contact Name:		FRED E. BALL				
Contact Address:		PO BOX 890 , , KODIAK , AK, 99615 , US				
Contact Phone No and Ext:		907-787-4014				
Contact Email:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Country: US
County Name: KODIAK ISLAND
EPA Region: 10
Land Type: State
Receive Date: 19971130
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19971130
Handler Name: PENINSULA AIRWAYS INC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	State	Street 1:	PO BOX 890
Name:	PENINSULA AIRWAYS INC	Street 2:	
Date Became Current:		City:	KODIAK
Date Ended Current:		State:	AK
Phone:	907-487-4014	Country:	
Source Type:	Notification	Zip Code:	99615

11	2 of 12	WSW	0.12 / 646.25	68.37 / 4	KODIAK AIRPORT KODIAK AK	HMIRS

Incident County: KODIAK ISLAND

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>HMIR Incident Reports</u>						
Report No:	I-1996070175				Fed DOT Agency Nm:	
Report Type:	A hazardous material incident				Fed DOT Report No:	
Date of Incident:	1996-06-23				Report Submit Src:	Paper
Time of Incident:	1835				Inc Multiple Rows:	No
Haz Class Code:					Inc Non US State:	
Hazardous Class:	3				Mode Transport:	Air
Commodity Short Nm:	FLAMMABLE LIQUIDS, N.O.S.				Transport Phase:	Unloading
Commodity Long Nm:	FLAMMABLE LIQUIDS, N.O.S.				Incident Occrnce:	
Trade Name:	CHARCOAL LIGHTER FUL				Mat Ship Approval?:	No
ID No:	UN1993				Mat Ship Approv No:	
Haz Waste Ind:	No				Undecl Hazmat Ship?:	Yes
Haz Waste EPA No:					Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No				Packing Group:	
TIH Hazard Zone:					Carrier Reporter:	ALASKA AIRLINES INC
Qty Released:	0.125				CR Street Name:	KODIAK STATE AIRPORT
Unit of Measure:	Liquid - Gallon				CR City:	KODIAK
What Failed:					CR State:	AK
What Failed Desc:					CR Postal Code:	99615
How Failed Code:					CR Non US State:	
How Failed Desc:					CR Fed DOT ID:	367920
Failure Cause Code:					CR Hazmat Reg ID:	
Failure Cause Desc:					CR Country:	US
Ident. Markings:					Shipper Name:	INDIVIDUAL - NOT A COMPANY
Cont1 Pkging Type:					Shipper Street Name:	202 EAST REZANOF, NO 2
Cont1 Const Mat:					Shipper City:	KODIAK
Cont1 Head Type:					Shipper State:	AK
Cont1 Pkg Capacity:	0.25				Shipper Postal:	99615
C1 Capacity UOM:	LGA				Shipper Non US St:	
Cont1 Pkg Amt:	0				Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	
Cont1 Pkg No:	1				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1				Origin City:	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER				Origin State:	
Cont1 Pkg Mnfctr Dt:	0-00-00 00:00:00				Origin Postal:	
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:					Destination City:	KODIAK
C1 Pkg Dsign Pres.:	0				Destination State:	ALASKA
C1 Dsign Press UOM:					Destination Postal:	99615
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	US
C1 Head Thickness:	0				Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0.25
C1 Srvc Press UOM:					Cont2 Capacity UOM:	LGA
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	1
C1 Device Model:					Cont2 Pkg No Failed:	1
NRC No:						
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	No
Fire Result:	No				Estimated Speed:	0
Explosion Result:	No				Weather Conditions:	
Water Sewer Result:	No				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	P
Fire EMS Report:	No				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	No				Contact Name:	EDISON AZIZI
Damage > 500:	No				Contact Title:	CUSTOMER SERVICE MANAGER
Material Loss:	1				Contact Business:	
Carrier Damage:	0				Contact Street:	
Property Damage:	0				Contact City:	
Response Cost:	0				Contact State:	
Remediation Cost:	0				Contact Postal:	
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	1				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	
Haz Fatal Employees:	0				HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatafs:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	No
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	BOX FIBER
Haz Hosp Old Form:	0				HMIS Container Code:	BOX FBR
Total Haz Hosp Inj:	0				HMIS Container Desc:	Fiberboard box or carton
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0				Undeclared Shipment:	Yes
Description of Events:	IN BOUND ON FLIGHT 185/23 JUNE, ANCHORAGE TO KODIAK, A PASSENGER CHECKED A FIBERBOARD BIKE BOX CONTAINING A BICYCLE AND A BROWN PAPER, LUNCH BAG TYPE WHICH CONTAINER 1 QUART, METAL (JANE LEE CHARCOAL LIGHTER FLUID) CONTAINER. IT APPEARED APPROXIMATELY ONE-HALF OF THE CONTENTS LEAKED OUT AS A RESULT OF THE CLOSURE NOT BEING FULLY CLOSED. INCLUDED IN THE SAME BAG WITH THE LIGHTER FLUID WERE SAFETY MATCHES. THE SPILLAGE WAS CONTAINED AND CLEANED UP BY GROUND SUPPORT PERSONNEL.					

11	3 of 12	WSW	0.12 / 646.25	68.37 / 4	Kodiak Terminal Alaska Airline Terminal kodiak Airport Kodiak AK 99615	UST

Facility ID: 332
 Facility Type: Air Taxi (Airline)
 Latitude:
 Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Other
Compliance Tag No:		Piping Type:	Safe Suction
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	1000 gallons	Tank Rel Det:	Not Listed
Age:	11.1	Spill Prevent Met:	No
Date Installed:	3/26/1983	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 5/2/1994		
LD Other Methods:			
DEC Tank ID:	2	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2	Pipe Mat Constr:	Other
Compliance Tag No:		Piping Type:	U.S. Suction

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	500 gallons	Tank Rel Det:	Not Listed
Age:	11.1	Spill Prevent Met:	No
Date Installed:	3/26/1983	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 5/2/1994		
LD Other Methods:			

Owner Detail(s)

Site Name:	Kodiak Terminal	Owner ID:	35
Location:	Alaska Airline Terminal kodiak Airport	Owner Name:	Alaska Airlines
Facility Type:	Air Taxi (Airline)	Owner 1:	Alaska Airlines
Owner Address:	PO Box 68900, SEAZA Seattle, WA 98168		

Tank and Owner Detail(s)

Tank ID:	2	Owner ID:	35
Tank Capacity:	500	Owner Name:	Alaska Airlines
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 68900, SEAZA
Tank Status Desc:	Permanently Out of Use	Owner City:	Seattle
Substance:	Gasoline	Owner State:	WA
Regulated:	Yes	Owner Zip:	98168
Date Installed:	3/26/1983		

Tank ID:	1	Owner ID:	35
Tank Capacity:	1000	Owner Name:	Alaska Airlines
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 68900, SEAZA
Tank Status Desc:	Permanently Out of Use	Owner City:	Seattle
Substance:	Gasoline	Owner State:	WA
Regulated:	Yes	Owner Zip:	98168
Date Installed:	3/26/1983		

<u>11</u>	4 of 12	WSW	0.12 / 646.25	68.37 / 4	Brechan Hangar State Airport Kodiak AK 99615	UST

Facility ID:	1168
Facility Type:	Aircraft Owner
Latitude:	
Longitude:	

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Not Listed
Owner Tank ID:	213	Pipe Mat Constr:	Not Listed
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	No	Scndry Cont Opt (Pp):	None
Product:	Heating Oil	Piping Rel Detect:	Not Listed
Capacity:	2000 gallons	Tank Rel Det:	Not Listed
Age:		Spill Prevent Met:	No
Date Installed:		Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 9/1/1994		
LD Other Methods:			

DEC Tank ID:	3	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Diesel	Piping Rel Detect:	Not Listed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Capacity:	1000 gallons			Tank Rel Det:	Not Listed	
Age:	10.1			Spill Prevent Met:	No	
Date Installed:	4/4/1980			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 5/16/1990					
LD Other Methods:						
DEC Tank ID:	4			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	2			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	Not Listed	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Diesel			Piping Rel Detect:	Not Listed	
Capacity:	1000 gallons			Tank Rel Det:	Not Listed	
Age:	10.1			Spill Prevent Met:	No	
Date Installed:	4/4/1980			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 5/16/1990					
LD Other Methods:						
DEC Tank ID:	2			Tank Mat Constr:	Not Listed	
Owner Tank ID:	214			Pipe Mat Constr:	Not Listed	
Compliance Tag No:				Piping Type:	Not Listed	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Used Oil			Piping Rel Detect:	Not Listed	
Capacity:	500 gallons			Tank Rel Det:	Not Listed	
Age:				Spill Prevent Met:	No	
Date Installed:				Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 8/1/1994					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	Brechan Hangar			Owner ID:	162	
Location:	State Airport			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner 1:	Brechan Enterprises, Inc.	
Owner Address:	P.O. Box 1275 Kodiak, AK 99615					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	4			Owner ID:	162	
Tank Capacity:	1000			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Diesel			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	4/4/1980					
Tank ID:	1			Owner ID:	162	
Tank Capacity:	2000			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Heating Oil			Owner State:	AK	
Regulated:	No			Owner Zip:	99615	
Date Installed:						
Tank ID:	3			Owner ID:	162	
Tank Capacity:	1000			Owner Name:	Brechan Enterprises, Inc.	
Facility Type:	Aircraft Owner			Owner Address:	P.O. Box 1275	
Tank Status Desc:	Permanently Out of Use			Owner City:	Kodiak	
Substance:	Diesel			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99615	
Date Installed:	4/4/1980					
Tank ID:	2			Owner ID:	162	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Capacity:	500				Owner Name:	Brechan Enterprises, Inc.
Facility Type:	Aircraft Owner				Owner Address:	P.O. Box 1275
Tank Status Desc:	Permanently Out of Use				Owner City:	Kodiak
Substance:	Used Oil				Owner State:	AK
Regulated:	Yes				Owner Zip:	99615
Date Installed:						

11	5 of 12	WSW	0.12 / 646.25	68.37 / 4	Hertz Car & Truck Rntl. Licenser Kodiak Airport Kodiak AK 99615	UST

Facility ID: 1520
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	2500 gallons	Tank Rel Det:	Not Listed
Age:	13.5	Spill Prevent Met:	No
Date Installed:	4/14/1978	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 11/1/1991		
LD Other Methods:			

Owner Detail(s)

Site Name:	Hertz Car & Truck Rntl. Licenser	Owner ID:	537
Location:	Kodiak Airport	Owner Name:	Hertz Car & Truck Rntl. Licenser
Facility Type:	Unknown	Owner 1:	Hertz Car & Truck Rntl. Licenser
Owner Address:	Kodiak Airport Kodiak, AK 99615		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	537
Tank Capacity:	2500	Owner Name:	Hertz Car & Truck Rntl. Licenser
Facility Type:	Unknown	Owner Address:	Kodiak Airport
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99615
Date Installed:	4/14/1978		

11	6 of 12	WSW	0.12 / 646.25	68.37 / 4	Building 520 Abandoned Kodiak Airport Vicinity Kodiak AK 99615	UST

Facility ID: 3303
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Not Listed
Owner Tank ID:		Pipe Mat Constr:	Not Listed
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Available	Scndry Cont Opt (Tk):	None

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	4000 gallons				Tank Rel Det:	Not Listed
Age:	72.6				Spill Prevent Met:	No
Date Installed:	1/1/1949				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	1				Tank Mat Constr:	Not Listed
Owner Tank ID:					Pipe Mat Constr:	Not Listed
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Available				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	4000 gallons				Tank Rel Det:	Not Listed
Age:	72.6				Spill Prevent Met:	No
Date Installed:	1/1/1949				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	3				Tank Mat Constr:	Not Listed
Owner Tank ID:					Pipe Mat Constr:	Not Listed
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Available				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	4000 gallons				Tank Rel Det:	Not Listed
Age:	72.6				Spill Prevent Met:	No
Date Installed:	1/1/1949				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
 <u>Owner Detail(s)</u>						
Site Name:	Building 520 Abandoned				Owner ID:	1143
Location:	Kodiak Airport Vicinity				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner 1:	US Army Corp of Engineers
Owner Address:	PO Box 898 JBER-EAFB, AK 99506					
 <u>Tank and Owner Detail(s)</u>						
Tank ID:	1				Owner ID:	1143
Tank Capacity:	4000				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner Address:	PO Box 898
Tank Status Desc:	Permanently Out of Use				Owner City:	JBER-EAFB
Substance:	Heating Oil				Owner State:	AK
Regulated:	No				Owner Zip:	99506
Date Installed:	1/1/1949					
Tank ID:	2				Owner ID:	1143
Tank Capacity:	4000				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner Address:	PO Box 898
Tank Status Desc:	Permanently Out of Use				Owner City:	JBER-EAFB
Substance:	Heating Oil				Owner State:	AK
Regulated:	No				Owner Zip:	99506
Date Installed:	1/1/1949					
Tank ID:	3				Owner ID:	1143
Tank Capacity:	4000				Owner Name:	US Army Corp of Engineers
Facility Type:	Unknown				Owner Address:	PO Box 898
Tank Status Desc:	Permanently Out of Use				Owner City:	JBER-EAFB
Substance:	Heating Oil				Owner State:	AK
Regulated:	No				Owner Zip:	99506
Date Installed:	1/1/1949					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	7 of 12	WSW	0.12 / 646.25	68.37 / 4	USFWS - Kodiak National Wildlife Refuge Kodiak State Airport-hangar Site Kodiak AK 99615	UST
Facility ID:		414				
Facility Type:		Unknown				
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:	1			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	1			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	U.S. Suction	
Closure Status:	Not Listed			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Gasoline			Piping Rel Detect:	Line Tightness Testing	
Capacity:	1500 gallons			Tank Rel Det:	Manual Tank Gauging	
Age:	7.4			Spill Prevent Met:	No	
Date Installed:	5/5/1986			Overfill Prevent Met:	No	
Next Inspection Due:	No Date Available			Cathodic Protect Met:	No	
Status:	Permanently Out of Use Closed on 9/20/1993					
LD Other Methods:						
<u>Owner Detail(s)</u>						
Site Name:	USFWS - Kodiak National Wildlife Refuge			Owner ID:	1814	
Location:	Kodiak State Airport-hangar Site			Owner Name:	US Fish & Wildlife Service	
Facility Type:	Unknown			Owner 1:	US Fish & Wildlife Service	
Owner Address:	1011 E Tudor RD Anchorage, AK 99503					
<u>Tank and Owner Detail(s)</u>						
Tank ID:	1			Owner ID:	1814	
Tank Capacity:	1500			Owner Name:	US Fish & Wildlife Service	
Facility Type:	Unknown			Owner Address:	1011 E Tudor RD	
Tank Status Desc:	Permanently Out of Use			Owner City:	Anchorage	
Substance:	Gasoline			Owner State:	AK	
Regulated:	Yes			Owner Zip:	99503	
Date Installed:	5/5/1986					
11	8 of 12	WSW	0.12 / 646.25	68.37 / 4	Former Markair - Kodiak Station Kodiak Airport Lot2a Kodiak AK 99615	UST
Facility ID:		92				
Facility Type:		Air Taxi (Airline)				
Latitude:						
Longitude:						
<u>Tank Detail(s)</u>						
DEC Tank ID:	1			Tank Mat Constr:	Asphalt Coated or Bare Steel	
Owner Tank ID:	1			Pipe Mat Constr:	Bare Steel	
Compliance Tag No:				Piping Type:	Safe Suction	
Closure Status:	Tank removed from ground			Scndry Cont Opt (Tk):	None	
Regulated Tank:	Yes			Scndry Cont Opt (Pp):	None	
Product:	Diesel			Piping Rel Detect:	Not Listed	
Capacity:	10000 gallons			Tank Rel Det:	Not Listed	
Age:	24.3			Spill Prevent Met:	No	
Date Installed:	1/1/1974			Overfill Prevent Met:	No	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/3/1998					
LD Other Methods:						
DEC Tank ID:	3				Tank Mat Constr:	Unknown
Owner Tank ID:	3				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	500 gallons				Tank Rel Det:	Not Listed
Age:					Spill Prevent Met:	No
Date Installed:					Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 5/1/1990					
LD Other Methods:						
DEC Tank ID:	4				Tank Mat Constr:	Unknown
Owner Tank ID:	4				Pipe Mat Constr:	Unknown
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Heating Oil				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:					Spill Prevent Met:	No
Date Installed:					Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/15/1991					
LD Other Methods:						
DEC Tank ID:	5				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	5				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Safe Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	2000 gallons				Tank Rel Det:	Not Listed
Age:	21.8				Spill Prevent Met:	No
Date Installed:	1/1/1978				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 10/20/1999					
LD Other Methods:						
DEC Tank ID:	6				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	6				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Safe Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	2000 gallons				Tank Rel Det:	Not Listed
Age:	21.8				Spill Prevent Met:	No
Date Installed:	1/1/1978				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 10/20/1999					
LD Other Methods:						
DEC Tank ID:	2				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2				Pipe Mat Constr:	Bare Steel
Compliance Tag No:					Piping Type:	Safe Suction
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	10000 gallons				Tank Rel Det:	Not Listed
Age:	24.3				Spill Prevent Met:	No
Date Installed:	1/1/1974				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 4/3/1998					
LD Other Methods:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner Detail(s)

Site Name:	Former Markair - Kodiak Station	Owner ID:	2259
Location:	Kodiak Airport Lot2a	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner 1:	ADOT&PF
Owner Address:	PO Box 112500 MS-2500 Juneau, AK 99801		

Tank and Owner Detail(s)

Tank ID:	3	Owner ID:	2259
Tank Capacity:	500	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:			

Tank ID:	4	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Heating Oil	Owner State:	AK
Regulated:	No	Owner Zip:	99801
Date Installed:			

Tank ID:	6	Owner ID:	2259
Tank Capacity:	2000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1978		

Tank ID:	5	Owner ID:	2259
Tank Capacity:	2000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1978		

Tank ID:	2	Owner ID:	2259
Tank Capacity:	10000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1974		

Tank ID:	1	Owner ID:	2259
Tank Capacity:	10000	Owner Name:	ADOT&PF
Facility Type:	Air Taxi (Airline)	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	1/1/1974		

11	9 of 12	WSW	0.12 / 646.25	68.37 / 4	KODIAK AIRPORT COAST GUARD BASE MILE MARKER 5.1 BE	SPILLS

Kodiak AK 99615

Spill ID:	11468	Latitude:	57.78813829298
Spill No:	98249907902	Longitude:	-152.404956568964
Spill Date:	3/20/1998 12:00:00 AM	Address1:	
Facility Type:	Vehicle	Address2:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB																												
Facility Sub Type: Case Closed Date: Response: Location: Location Data: Spill Name: Source Type: 4/15/1998 12:00:00 AM Phone Follow-up KODIAK CITY Facility City: Zip Code: Area: Sub Area: Region: Kodiak 99615 Central Alaska Kodiak Island Kodiak Spill Detail(s) Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Diesel 3.000 Gallons PETRO MARINE - NO ENTRY, NO ENTRY Cause Subtype: Cause Type: Affiliate Role: Substance Type: Cargo Not Secured Human Factors Primary Responsible Party Noncrude Oil <tr><td>11</td><td>10 of 12</td><td>WSW</td><td>0.12 / 646.25</td><td>68.37 / 4</td><td>In Water off of Runway 25 Kodiak Airport Kodiak Airport Kodiak AK 99615</td><td>SPILLS</td></tr> <tr><td colspan="7"> Spill ID: Spill No: Spill Date: Facility Type: Facility Sub Type: Case Closed Date: Response: Location: Location Data: Spill Name: Source Type: 30558 08249900501 1/5/2008 12:00:00 AM Air Transportation Aircraft 1/7/2008 12:00:00 AM Phone Follow-up WOMENS BAY Facility Piper PA-31 Plane Crash end of Runway 25 Kodiak Tank, Other, Mobile Latitude: Longitude: Address1: Address2: City: Zip Code: Area: Sub Area: Region: 57.75 -152.494 Kodiak Airport Kodiak 99615 Central Alaska Kodiak Island Kodiak Spill Detail(s) Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Aviation Fuel 150.000 Gallons 150.000 Servant Air (Homer AK) - Panamarioff, Ted Cause Subtype: Cause Type: Affiliate Role: Substance Type: Cargo Not Secured Human Factors Primary Responsible Party Noncrude Oil <tr><td>11</td><td>11 of 12</td><td>WSW</td><td>0.12 / 646.25</td><td>68.37 / 4</td><td>KODIAK AIRPORT RUNWAY 28/25 Kodiak AK 99615</td><td>SPILLS</td></tr><tr><td colspan="7"> Spill ID: Spill No: Spill Date: Facility Type: Facility Sub Type: Case Closed Date: Response: Location: Location Data: Spill Name: Source Type: 8912 97249906001 3/1/1997 12:00:00 AM Air Transportation Aircraft 7/30/1998 12:00:00 AM Phone Follow-up KODIAK CITY Facility USCG C-130 JP5 Latitude: Longitude: Address1: Address2: City: Zip Code: Area: Sub Area: Region: 57.78813829298 -152.404956568964 Kodiak 99615 Central Alaska Kodiak Island Kodiak Spill Detail(s) Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Aviation Fuel 100.000 Gallons US COAST GUARD - NO ENTRY, NO ENTRY Cause Subtype: Cause Type: Affiliate Role: Substance Type: Cargo Not Secured Human Factors Primary Responsible Party Noncrude Oil </td></tr></td></tr>							11	10 of 12	WSW	0.12 / 646.25	68.37 / 4	In Water off of Runway 25 Kodiak Airport Kodiak Airport Kodiak AK 99615	SPILLS	Spill ID: Spill No: Spill Date: Facility Type: Facility Sub Type: Case Closed Date: Response: Location: Location Data: Spill Name: Source Type: 30558 08249900501 1/5/2008 12:00:00 AM Air Transportation Aircraft 1/7/2008 12:00:00 AM Phone Follow-up WOMENS BAY Facility Piper PA-31 Plane Crash end of Runway 25 Kodiak Tank, Other, Mobile Latitude: Longitude: Address1: Address2: City: Zip Code: Area: Sub Area: Region: 57.75 -152.494 Kodiak Airport Kodiak 99615 Central Alaska Kodiak Island Kodiak Spill Detail(s) Substance Subtype: Quantity Released: Substance Unit: Quantity Potential: Responsible Party: Aviation Fuel 150.000 Gallons 150.000 Servant Air (Homer AK) - 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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	12 of 12	WSW	0.12 / 646.25	68.37 / 4	DOT Kodiak Kodiak Airport Kodiak AK 99615	SPILLS
Spill ID: 64946 Spill No: 20249908602 Spill Date: 3/26/2020 12:00:00 AM Facility Type: Vehicle Facility Sub Type: Case Closed Date: 3/31/2020 12:00:00 AM Response: Phone Follow-up Location: KODIAK CITY Location Data: Spill Name: MOSRL: Emulsion Line Truck DOT Kodiak Diesel Source Type: Pipe or Line Latitude: Longitude: Address1: Kodiak Airport Address2: City: Kodiak Zip Code: 99615 Area: Central Alaska Sub Area: Kodiak Island Region: Kodiak						
Spill Detail(s)						
Substance Subtype: Diesel Quantity Released: 5.000 Substance Unit: Gallons Quantity Potential: Responsible Party: Kodiak DOT - , Cause Subtype: Leak Cause Type: Structural/Mechanical Affiliate Role: Primary Responsible Party Substance Type: Noncrude Oil						
12	1 of 2	WNW	0.13 / 703.38	61.05 / -3	MarkAir - Kodiak (CS) Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	SHWS
Hazard ID: 1894 Status: Cleanup Complete - Institutional Controls File ID: 2601.38.066 Staff: IC Unit, 9074655229 dec.icunit@alaska.gov Comments: Latitude: 57.8029 Longitude: -152.3772 Horizontal Datum:						
Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include: 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200. 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse. 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release. 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building. 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area. 6) Two stockpiles of soil excavated from Lot 2B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4.) The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination. Mark Air did not exist in 1999. The Alaska Department of Transportation and Public Facilities is conducting the cleanup. Also see: MarkAir Facility - Kodiak # 2601.26.035. The site is located on Lot 2A and 3A, Block 1300. Cleanup on this site is primarily associated with UST issues.						
Action Information						
Action Date: 4/27/2006 Action: Site Characterization Workplan Approved DEC Staff: David Pikul Description:						
DEC has completed review of the document titled: Soil Transport And Segregation Plan, Former MarkAir Facility, Kodiak, Alaska dated April 25, 2006 prepared by Shannon & Wilson Inc. The work plan is approved for implementation. Site work will involve soil stockpile screening to remove 2" plus and soil testing.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 8/28/2008
Action: Exposure Tracking Model On Hold
DEC Staff: Pam Clemens
Description:

On 1-17-03 a ROD was signed with IC established and this site was conditionally closed. I have placed the "ETM ranking on hold" until this matter is cleared up.

Action Date: 12/30/2010
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Sent email to Becky Iles the ADOT&PF Airport Leasing Chief, Central Region; asking for an update.

Action Date: 3/2/2011
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Spoke with Sam Myers, ADOT&PF, February 2011, he is following up with the airport managers to verify status of the old MarkAir sites. Some with ICs some waiting for capping prior to closure.

Action Date: 2/16/2012
Action: Update or Other Action
DEC Staff: Kristin Thompson
Description:

Staff changed from Pam Clemens to IC Unit.

Action Date: 5/1/2013
Action: Institutional Control Compliance Review
DEC Staff: Evonne Reese
Description:

Preliminary IC review. Access to the hard file is required so this review will be completed in June 2013 when IC Unit staff is in the Anchorage office.

Action Date: 3/18/2015
Action: Institutional Control Update
DEC Staff: Kristin Thompson
Description:

An IC reminder letter was issued to the responsible party on this date.

Action Date: 6/29/2018
Action: Update or Other Action
DEC Staff: Evonne Reese
Description:

There is a new purchaser on the building on this lot. The lot is leased from DOT. The new lessee plans on demolishing the building and constructing a new building in its place. ADEC has been communicating with the new lessee and DOT regarding the ICs and historical contamination that may be encountered during the project.

Action Date: 8/28/2018
Action: Report or Workplan Review - Other
DEC Staff: Evonne Reese
Description:

Approval was provided by CS program management for an Environmental Management Plan prior to the construction of a Alutiiq Aviation Building on this property. The old building was demolished and the new building will be constructed in its place. A site investigation including soil sampling will be completed before the construction of the new building begins. Contaminated soil will likely be encountered and will be temporarily stockpiled until field screening can be performed to determine if it can be re-used or needs to be transported offsite and properly disposed of. Samples will be taken from

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

stockpiles that field screening shows is potentially above action levels.

Action Date: 5/24/2001
Action: Interim Removal Action Approved
DEC Staff: Beatrice Egbejimba
Description:

ADEC approved fax request received 5/21/2001. The outline in the work plan will also evaluate the threat to human, health, safety welfare and the environment from site-related contamination. A dye test will be carried out on the floor drain system. Hand boring samples will be collected and analyzed for hazardous substances. Following the results from the samples collected the floor drains may be decommissioned or an interim removal may take place before decommission.

Action Date: 9/12/2002
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received Interim Removal and Site Characterization report. Shannon & Wilson prepared the reported dated July 12,2002.

Action Date: 12/18/2002
Action: Site Added to Database
DEC Staff: Beatrice Egbejimba
Description:

Chemicals of concern in soil include: diesel-range organic (DRO) hydrocarbons, arsenic, chromium, cadmium, benzo(a)anthracene, benzo(a)pyrene. Groundwater has not been encountered on this property during investigation activities.

Action Date: 1/15/2003
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

LC 14103660 obtained for site.

Action Date: 1/17/2003
Action: Site Characterization Report Approved
DEC Staff: Beatrice Egbejimba
Description:

A letter was sent to Ron Stroman of ADOT&PF with approval of Interim Removal and Site Characterization report, received by ADEC on September 12, 2002.

Action Date: 6/23/1995
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

- 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200.
- 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse.
- 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release.
- 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building.
- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2 B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4. The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination.

Action Date: 1/17/2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Conditional Closure Approved				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC signed a ROD for Lots 2B and 3B at the site. Markair Kodiak will obtain a No Further Remedial Action Planned for Lots 2B & 3B with institutional controls status following the satisfactory treatment and/or disposal of the on-site contaminated soil.						
Action Date:		1/17/2003				
Action:		Institutional Control Record Established				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC recognizes that DRO, cadmium, benzo (a) anthracene and benzo (a) pyrene are still present beneath the former cargo handling area but the concentrations are not considered a risk based on their location and the "incomplete" pathway to receptors (human or ecological). ADEC has determined that these hazardous substances do not pose a risk to human health or the environment and no further remedial action is required.						
Action Date:		4/7/2003				
Action:		Update or Other Action				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC sent letter to Ron Stroman of ADOT&PF with approval of sediment transport to Soil Processing, Inc. in Kodiak. During a phone conversation with Ron Stroman, he clarified that the sediments will be transported in supersacks and not drums.						
Action Date:		6/21/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		Beatrice Egbejimba				
Description:						
ADEC met with Ron Stroman of ADOT and Dan McMahon of Shannon & Wilson to discuss long term remedial plans for the various Mark Air sites. Specifically, the possibility of land spreading impacted soil on ADOT&PF owned airport parcels in Dillingham, Nome, Kodiak, Kotzebue and King Salmon. ADEC had no objections to this plan however Jim Frechione (Environmental Conservation Manager) stressed the need to prevent run-on and run-off during the remediation process. Land spreading is currently being used to remediate soils at the Aniak Airport.						
Action Date:		7/14/2004				
Action:		Update or Other Action				
DEC Staff:		Aggie Blandford				
Description:						
File number issued 2601.38.066						
Action Date:		8/16/2004				
Action:		Update or Other Action				
DEC Staff:		David Pikul				
Description:						
DEC completed review of a work plan for site characterization prepared by S&W dated August 5, 2004						
Action Date:		11/5/2004				
Action:		Update or Other Action				
DEC Staff:		David Pikul				
Description:						
DEC completed review of the document titled: Site Characterization, Former Mark Air Facility, Lots 2A and 3A, Block 1300, Kodiak Airport, Alaska dated October 21, 2004.						
Action Date:		11/18/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		David Pikul				
Description:						
DEC attended a meeting with Ron Stroman, ADOT and S&W to discuss site activities. ADOT intends to have S&W complete a release investigation at the site summer 2005.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 3/31/1993
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

Dames & Moore prepared a report called Phase 1 Environmental Site Assessment dated March 1993. The report provided conclusions that the potential for petroleum hydrocarbons and/or hazardous substances from on-site sources to have impacted soil and/or groundwater on the property was moderate to high.

Action Date: 3/6/2000
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received a closure report. Hart Crowser prepared this UST Closure Report dated March 2000. The report presented drilling, soil and stockpile sampling information. A total of eight soil borings were advanced in the former heating oil UST area, the former gasoline UST area, the two floor drain areas, the 2,000-gallon Jet-A AST and the gravel storage area. Hart Crowser reports that drilling was slow due to the presence of large rocks. Bedrock may have been encountered at a depth of 7.5 and 10 feet as refusal was encountered in several boreholes. None of the boreholes were finished as groundwater monitoring wells because groundwater was not encountered. Analytical results indicated that petroleum hydrocarbons and other potential contaminants detected in these borings were below ADEC's cleanup levels for over 40 inch zone migration to groundwater. Soil samples were collected from the 1,300 cubic yards of soil stockpile obtained at various times during different phases of field work on this site. DRO ranging from 120 to 3,100 mg/kg in the 17 samples analyzed from this stockpile.

Action Date: 3/5/2001
Action: Meeting or Teleconference Held
DEC Staff: Beatrice Egbejimba
Description:

ADEC met with ADOT & PF (Bob Norton and Ron Stroman) and Stafford Glashon of Shannon & Wilson. At the meeting the status of MarkAir sites and proposed work plans were discussed. ADOT & PF explained that \$2 million had been obtained from AIDEA after selling MarkAir improvements through the bankruptcy court. A total of 13 sites throughout the state (with the focus on Aniak, Bethel, Nome, Deadhorse, Barrow and Kodiak) would be investigated and cleaned up.

Action Date: 5/21/2001
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received a fax request to conduct interim removal and site characterization on the former MarkAir Kodiak facility (Lot 2B,3B Block 1200).

Action Date: 2/17/2006
Action: Update or Other Action
DEC Staff: David Pikul
Description:

Note for April 7, 2003 approval to transport and treat. Approximately 0.3 cubic yards of soil generated during decommissioning of a floor drain sump.

Additionally, a January 7, 2003 memo from ADOT&PF (Ron Stromann) identifies that there are no individual on-site water or sewer systems within 1/4 mile of the site. All tenants are connected to the USCG water distribution system and sewer system.

The two soil stockpiles referenced in the January 17, 2003 ROD for Lots 2B and 3B are located across the airport in another location. Additional soil has been added to the stockpile and will require additional characterization due to the unknown origin of that soil. Ron Stromann is aware and will address the issue.

Action Date: 2/1/2019
Action: Report or Workplan Review - Other
DEC Staff: Evonne Reese
Description:

The construction and investigation of this property has been completed. According to the November 2018 follow up letter/report to the Environmental Management Plan, the investigation is complete. Throughout the excavation phase of the project, four stockpiles of sandy materials were created. They were sampled and three out of the four stockpiles (stockpiles #1, 2, and 4) showed contaminant concentrations below cleanup levels, so with ADEC approval those materials were moved offsite. The one stockpile (#3) with materials showing concentrations of diesel and benzo[a]pyrene above cleanup levels was not moved offsite. With ADEC approval the materials were re-used as backfill on the site during construction. Photo documentation and analytical results were included in the final report.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Containment Information

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzo(a)anthracene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzo(a)pyrene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Cadmium - Total
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: CS Database Notation And Letter To Landowner/RP
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
Details:

Documents Information

Name: Record of Decision
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=21660&fileName=1647_2601.38.066%20MarkAir%20-%20Kodiak.pdf

Name: Institutional Controls Reminder Letter - March 2015
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28236&fileName=1894_IC%2BReminder%2BLetter_MarkAir%2BKodiak%2BCS_March%2B2015.pdf

12	2 of 2	WNW	0.13 / 703.38	61.05 / -3	MarkAir - Kodiak (CS) Lot 2B & 3B, Block 1200, Airport, Kodiak, AK 99615 AK	INST

Hazard ID: 1894
Status: Cleanup Complete - Institutional Controls
File ID: 2601.38.066
Staff: IC Unit, 9074655229 dec.icunit@alaska.gov
Latitude: 57.8029
Longitude: -152.3772
Horizontal Datum:
Comments:

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

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- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4.) The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination. Mark Air did not exist in 1999. The Alaska Department of Transportation and Public Facilities is conducting the cleanup.

Also see: MarkAir Facility - Kodiak # 2601.26.035. The site is located on Lot 2A and 3A, Block 1300. Cleanup on this site is primarily associated with UST issues.

Action Information

Action Date: 2/17/2006
Action: Update or Other Action
DEC Staff: David Pikul
Description:

Note for April 7, 2003 approval to transport and treat. Approximately 0.3 cubic yards of soil generated during decommissioning of a floor drain sump.

Additionally, a January 7, 2003 memo from ADOT&PF (Ron Stromann) identifies that there are no individual on-site water or sewer systems within 1/4 mile of the site. All tenants are connected to the USCG water distribution system and sewer system.

The two soil stockpiles referenced in the January 17, 2003 ROD for Lots 2B and 3B are located across the airport in another location. Additional soil has been added to the stockpile and will require additional characterization due to the unknown origin of that soil. Ron Stromann is aware and will address the issue.

Action Date: 4/27/2006
Action: Site Characterization Workplan Approved
DEC Staff: David Pikul
Description:

DEC has completed review of the document titled: Soil Transport And Segregation Plan, Former MarkAir Facility, Kodiak, Alaska dated April 25, 2006 prepared by Shannon & Wilson Inc. The work plan is approved for implementation. Site work will involve soil stockpile screening to remove 2" plus and soil testing.

Action Date: 8/28/2008
Action: Exposure Tracking Model On Hold
DEC Staff: Pam Clemens
Description:

On 1-17-03 a ROD was signed with IC established and this site was conditionally closed. I have placed the "ETM ranking on hold" until this matter is cleared up.

Action Date: 12/30/2010
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Sent email to Becky Iles the ADOT&PF Airport Leasing Chief, Central Region; asking for an update.

Action Date: 3/2/2011
Action: Update or Other Action
DEC Staff: Pam Clemens
Description:

Spoke with Sam Myers, ADOT&PF, February 2011, he is following up with the airport managers to verify status of the old MarkAir sites. Some with ICs some waiting for capping prior to closure.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		2/16/2012				
Action:		Update or Other Action				
DEC Staff:		Kristin Thompson				
Description:						
Staff changed from Pam Clemens to IC Unit.						
Action Date:		5/1/2013				
Action:		Institutional Control Compliance Review				
DEC Staff:		Evonne Reese				
Description:						
Preliminary IC review. Access to the hard file is required so this review will be completed in June 2013 when IC Unit staff is in the Anchorage office.						
Action Date:		3/18/2015				
Action:		Institutional Control Update				
DEC Staff:		Kristin Thompson				
Description:						
An IC reminder letter was issued to the responsible party on this date.						
Action Date:		6/29/2018				
Action:		Update or Other Action				
DEC Staff:		Evonne Reese				
Description:						
There is a new purchaser on the building on this lot. The lot is leased from DOT. The new lessee plans on demolishing the building and constructing a new building in its place. ADEC has been communicating with the new lessee and DOT regarding the ICs and historical contamination that may be encountered during the project.						
Action Date:		8/28/2018				
Action:		Report or Workplan Review - Other				
DEC Staff:		Evonne Reese				
Description:						
Approval was provided by CS program management for an Environmental Management Plan prior to the construction of a Alutiiq Aviation Building on this property. The old building was demolished and the new building will be constructed in its place. A site investigation including soil sampling will be completed before the construction of the new building begins. Contaminated soil will likely be encountered and will be temporarily stockpiled until field screening can be performed to determine if it can be re-used or needs to be transported offsite and properly disposed of. Samples will be taken from stockpiles that field screening shows is potentially above action levels.						
Action Date:		2/1/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Evonne Reese				
Description:						
The construction and investigation of this property has been completed. According to the November 2018 follow up letter/report to the Environmental Management Plan, the investigation is complete. Throughout the excavation phase of the project, four stockpiles of sandy materials were created. They were sampled and three out of the four stockpiles (stockpiles #1, 2, and 4) showed contaminant concentrations below cleanup levels, so with ADEC approval those materials were moved offsite. The one stockpile (#3) with materials showing concentrations of diesel and benzo[a]pyrene above cleanup levels was not moved offsite. With ADEC approval the materials were re-used as backfill on the site during construction. Photo documentation and analytical results were included in the final report.						
Action Date:		3/31/1993				
Action:		Update or Other Action				
DEC Staff:		Beatrice Egbejimba				
Description:						
Dames & Moore prepared a report called Phase 1 Environmental Site Assessment dated March 1993. The report provided conclusions that the potential for petroleum hydrocarbons and/or hazardous substances from on-site sources to have impacted soil and/or groundwater on the property was moderate to high.						
Action Date:		6/23/1995				
Action:		Update or Other Action				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff: Beatrice Egbejimba
Description:

Dames & Moore identified several potential petroleum hydrocarbon and/or hazardous substance contamination on the property in their Updated Phase 1 Environmental Site Assessment reports dated June 1995. These areas include:

- 1) The location of a former 5,000-gallon heating oil UST removed in 1990. No closure report was provided to ADEC but Dames and Moore reports that excavation samples contained less than 100mg/Kg diesel. The stockpile soil obtained during this investigation contained a maximum DRO concentration of 130 mg/Kg. This stockpile was placed on Lot 4A, Block 1200.
- 2) The former location of a 500-gallon gasoline UST removed in 1990. Excavation samples were reported to have been collected from this area, but no report was submitted to ADEC. This area is now covered by an addition to the cargo warehouse.
- 3) Surface staining was observed adjacent to the 2,000-gasoline Jet-A AST. The date on which the observation was made was not stated but the staining was reportedly from a Jet-A fuel drum release.
- 4) Two floor drains within the cargo/warehouse area. These drains were reported to discharge rain and snow melt directly to soils under the building.
- 5) Reported historical releases include a 200-gallon Jet-A fuel surface spill (year not specified) in the gravel storage area.
- 6) Two stockpiles of soil excavated from Lot 2 B and 3B, Block 1200, were moved to Lot 5A, Block 1200. (Check if it is the same as stockpile reported on lot 4. The soils were reported to be contaminated but analytical sample results were not provided and it is unclear if it was a gasoline or Jet-A fuel contamination.

Action Date: 3/6/2000
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received a closure report. Hart Crowser prepared this UST Closure Report dated March 2000. The report presented drilling, soil and stockpile sampling information. A total of eight soil borings were advanced in the former heating oil UST area, the former gasoline UST area, the two floor drain areas, the 2,000-gallon Jet-A AST and the gravel storage area. Hart Crowser reports that drilling was slow due to the presence of large rocks. Bedrock may have been encountered at a depth of 7.5 and 10 feet as refusal was encountered in several boreholes. None of the boreholes were finished as groundwater monitoring wells because groundwater was not encountered. Analytical results indicated that petroleum hydrocarbons and other potential contaminants detected in these borings were below ADEC's cleanup levels for over 40 inch zone migration to groundwater. Soil samples were collected from the 1,300 cubic yards of soil stockpile obtained at various times during different phases of field work on this site. DRO ranging from 120 to 3,100 mg/kg in the 17 samples analyzed from this stockpile.

Action Date: 3/5/2001
Action: Meeting or Teleconference Held
DEC Staff: Beatrice Egbejimba
Description:

ADEC met with ADOT & PF (Bob Norton and Ron Stroman) and Stafford Glashon of Shannon & Wilson. At the meeting the status of MarkAir sites and proposed work plans were discussed. ADOT & PF explained that \$2 million had been obtained from AIDEA after selling MarkAir improvements through the bankruptcy court. A total of 13 sites throughout the state (with the focus on Aniak, Bethel, Nome, Deadhorse, Barrow and Kodiak) would be investigated and cleaned up.

Action Date: 5/21/2001
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received a fax request to conduct interim removal and site characterization on the former MarkAir Kodiak facility (Lot 2B,3B Block 1200).

Action Date: 5/24/2001
Action: Interim Removal Action Approved
DEC Staff: Beatrice Egbejimba
Description:

ADEC approved fax request received 5/21/2001. The outline in the work plan will also evaluate the threat to human, health, safety welfare and the environment from site-related contamination. A dye test will be carried out on the floor drain system. Hand boring samples will be collected and analyzed for hazardous substances. Following the results from the samples collected the floor drains may be decommissioned or an interim removal may take place before decommission.

Action Date: 9/12/2002
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC received Interim Removal and Site Characterization report. Shannon & Wilson prepared the reported dated July 12,2002.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 12/18/2002
Action: Site Added to Database
DEC Staff: Beatrice Egbejimba
Description:

Chemicals of concern in soil include: diesel-range organic (DRO) hydrocarbons, arsenic, chromium, cadmium, benzo(a)anthracene, benzo(a)pyrene. Groundwater has not been encountered on this property during investigation activities.

Action Date: 1/15/2003
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

LC 14103660 obtained for site.

Action Date: 1/17/2003
Action: Site Characterization Report Approved
DEC Staff: Beatrice Egbejimba
Description:

A letter was sent to Ron Stroman of ADOT&PF with approval of Interim Removal and Site Characterization report, received by ADEC on September 12, 2002.

Action Date: 1/17/2003
Action: Conditional Closure Approved
DEC Staff: Beatrice Egbejimba
Description:

ADEC signed a ROD for Lots 2B and 3B at the site. Markair Kodiak will obtain a No Further Remedial Action Planned for Lots 2B & 3B with institutional controls status following the satisfactory treatment and/or disposal of the on-site contaminated soil.

Action Date: 1/17/2003
Action: Institutional Control Record Established
DEC Staff: Beatrice Egbejimba
Description:

ADEC recognizes that DRO, cadmium, benzo (a) anthracene and benzo (a) pyrene are still present beneath the former cargo handling area but the concentrations are not considered a risk based on their location and the "incomplete" pathway to receptors (human or ecological). ADEC has determined that these hazardous substances do not pose a risk to human health or the environment and no further remedial action is required.

Action Date: 4/7/2003
Action: Update or Other Action
DEC Staff: Beatrice Egbejimba
Description:

ADEC sent letter to Ron Stroman of ADOT&PF with approval of sediment transport to Soil Processing, Inc. in Kodiak. During a phone conversation with Ron Stroman, he clarified that the sediments will be transported in supersacks and not drums.

Action Date: 6/21/2004
Action: Meeting or Teleconference Held
DEC Staff: Beatrice Egbejimba
Description:

ADEC met with Ron Stroman of ADOT and Dan McMahon of Shannon & Wilson to discuss long term remedial plans for the various Mark Air sites. Specifically, the possibility of land spreading impacted soil on ADOT&PF owned airport parcels in Dillingham, Nome, Kodiak, Kotzebue and King Salmon. ADEC had no objections to this plan however Jim Frechione (Environmental Conservation Manager) stressed the need to prevent run-on and run-off during the remediation process. Land spreading is currently being used to remediate soils at the Aniak Airport.

Action Date: 7/14/2004
Action: Update or Other Action
DEC Staff: Aggie Blandford
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

File number issued 2601.38.066

Action Date: 8/16/2004
Action: Update or Other Action
DEC Staff: David Pikul
Description:

DEC completed review of a work plan for site characterization prepared by S&W dated August 5, 2004

Action Date: 11/5/2004
Action: Update or Other Action
DEC Staff: David Pikul
Description:

DEC completed review of the document titled: Site Characterization, Former Mark Air Facility, Lots 2A and 3A, Block 1300, Kodiak Airport, Alaska dated October 21, 2004.

Action Date: 11/18/2004
Action: Meeting or Teleconference Held
DEC Staff: David Pikul
Description:

DEC attended a meeting with Ron Stroman, ADOT and S&W to discuss site activities. ADOT intends to have S&W complete a release investigation at the site summer 2005.

Containment Information

Name: Benzo(a)pyrene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Benzo(a)anthracene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: Cadmium - Total
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: CS Database Notation And Letter To Landowner/RP
Details:

Requirements

Description: Movement or use of contaminated material (including on site) in a manner that results in a violation of the water quality standards is prohibited (18 AAC 70)
Details:

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Documents Information

Name: Institutional Controls Reminder Letter - March 2015
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=28236&fileName=1894_IC%2BReminder%2BLetter_MarkAir%2BKodiak%2BCS_March%2B2015.pdf

Name: Record of Decision
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=21660&fileName=1647_2601.38.066%20MarkAir%20-%20Kodiak.pdf

13	1 of 2	NNW	0.21 / 1,111.90	66.57 / 2	USCG MA6 DOT Building A-711 Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	SHWS

Hazard ID: 2304
Status: Active
File ID: 2601.38.043
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Latitude: 57.758651
Longitude: -152.514588
Horizontal Datum: WGS84

Solvent from LUST contaminated soil and GW. Approximately 2-5,000 gallons DRO or FS-6 or Bunker C. Known subsurface and GW contamination within 200-feet of the Buskin River. 11/99 - Contamination was discovered below the water table during an investigation this summer. Planned IRA work was suspended to rescope. Sentinel Wells near the Buskin River sampled in October 1999. Last staff assigned was Patrick-Riley, Sundet, Horwath, Rutkowski, Seagren and Brownlee.

Action Information

Action Date: 1/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a meeting with the Coast Guard, EPA, Corps of Engineers and contractors to discuss remedial investigations at two Formerly Used Defense Sites on Kodiak. The Fire Training Pit and Building A-711 both have large contaminant masses at the smear zone and are near the Buskin River, a major salmon stream on the island. The 2004 remedial investigations at both sites filled in several data gaps. A list of remedial alternatives was discussed for inclusion in the upcoming Feasibility Studies. The cleanup team decided that a treatability study would be useful to gauge the biological response and area of influence to additives to supplement attenuation. The treatability study is planned for the summer of 2005

Action Date: 6/17/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.

Action Date: 8/30/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date: 6/14/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date: 11/2/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects

Action Date: 3/26/2008
Action: Exposure Tracking Model Ranking
DEC Staff: Jeff Brownlee
Description:

Initial ranking with ETM completed.

Action Date: 4/2/2008
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an update meeting for the Formerly Used Defense Sites on Kodiak Island. The Fire Training Pit, Drury Gulch, and Buskin Beach sites will be undergoing active remediation this summer. Environmental investigations will be performed at Building A-711, Buskin Beach and the Fire Training Pit. Proposed Plans are being produced this summer for Building A-711, Fire Training Pit, Asphalt Disposal Area and Buskin Beach and a closure report for an Underground Storage Tank cleanup at Bruhn Point. The spring open house and assembly meeting will be the end of May or early June

Action Date: 7/17/2008
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Site staff reviewed and commented on a Proposed Plan for the Building A-711 FUDS on Kodiak Island. The site is proposed for Long-term Monitoring and ICs. The site has heavy end petroleum contamination below the water table over ingestion levels under ten plus feet of overburden. Monitoring will be designed to ensure the plume is steady state or shrinking

Action Date: 12/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation

Action Date: 1/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		3/31/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.						
Action Date:		4/3/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.						
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		4/23/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC Contaminated Sites received and reviewed the responses to comments for the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted determinations to the ADEC-Spill and Response program which is conducting the lead oversight for the cleanup. ADEC participated in several technical planning and spill response coordination meetings during the months of March-May, 2019 with representatives from the USCG, EPA, and USACE.						
Action Date:		6/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.						
Action Date:		6/12/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.						
Action Date:		8/12/2008				
Action:		Site Visit				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Action Date: 10/2/2008
Action: Report or Workplan Review - Other
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed an after action report for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. Approximately 8,400-tons of soil contaminated with Diesel and Residual Range Organics (DRO, RRO) was excavated and disposed off island. The site has a large area of contamination with a thick smear zone above and below the water table. The removal action was designed to remove the worst of the contamination with the budget available, but there is still a sizable area above method two ingestion levels. About 14,000-gallons of free phase product and oily water were pumped onto the contaminated soil stockpiles to filter out the viscous product. The leachate was then collected and transported to the Coast Guard Liquid Oil Waste Processing system. Contamination detections in groundwater have been noted in sentry wells below Table C values. Monitoring is ongoing to determine if the plume is stable or moving down gradient which is toward the Buskin River.

Action Date: 7/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Historical Data Compilation and Data Gap Investigation Report and submitted review comments to the U.S. Army Corps of Engineers.

Action Date: 8/12/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.

Action Date: 8/20/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Action Date: 3/2/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a draft Feasibility Study (FS) for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The FS was based on a Treatability Investigation (TI) that tested the site geologic and hydrogeologic characteristics for the application of a variety of remedial alternatives. The FS evaluated those technologies that were shown to be the most practical. However, the EPA and DEC agree that there were flaws in a couple of the remedial alternatives presented in the TI and that these should be reevaluated in the next version of the FS.

Action Date: 4/20/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation.

Action Date: 1/22/2009
Action: Meeting or Teleconference Held

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711				
Action Date:		3/19/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area				
Action Date:		4/6/2000				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:		Interim Remedial Action Report November 1999. Groundwater was sampled in the existing monitoring wells. No levels over Table C were present in the three sentry wells at the southwest edge of the site. Free product still present in the plume center. Soil contamination was further characterized with test pits. Data gaps still present in soil to the west, groundwater to the southeast and west and the woodstave piping was not adequately investigated.				
Action Date:		12/20/2000				
Action:		Site Number Identifier Changed				
DEC Staff:		No Longer Assigned				
Description:		Workplan changed from 09 to X9 to reflect correct oversight program.				
Action Date:		5/10/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:		Staff reviewed and commented on a pilot study for the A-711 FUDS site on Kodiak Island. A chemical oxidation test with RegenOx will be performed this summer. A test site in a known plume of primarily DRO contamination (10,000 - 12,000 mg/kg) will be injected with reagent at two different grid spacings. The reagent will be injected twice about one month apart. Confirmation soil samples will be collected to statistically compare contaminant reduction. Groundwater will be monitoring to check for partitioning of contaminants to the aquifer				
Action Date:		5/24/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:		Staff participated in site inspections with a Corps of Engineers Pacific Ocean Division representative on Kodiak Island. Several Formerly Used Defense sites were toured by helicopter including Burma Road, Long Island, Buskin Lake, Cape Chiniak Tracking Station and Little Navy Annex				
Action Date:		6/1/2006				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base				
Action Date:		7/17/2006				
Action:		Institutional Control Record Established				
DEC Staff:		Jeff Brownlee				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site included in the USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 9/6/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a meeting on the COE workplan to utilize material from the ADA as a subbase for a Department of Transportation (DOT) paving project in Kodiak. Representatives from the DOT, COE, their contractor, Jacobs Engineering and ADEC were at the meeting. Synthetic leachate testing of the raw material showed results close to or below the action level of 1.5 mg/L DRO and 1.1 RRO. Testing of the 4% asphalt/soil mix will be performed throughout the job with a higher frequency of testing during the test strip of road to ensure adequate performance. In the case of a leachate test failure, procedures were discussed for more detailed sampling, or removal of the material from use in the road.

Action Date: 9/17/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed and commented on a draft Monitored Natural Attenuation (MNA) Evaluation for this site on Kodiak. Building A-711 has been used a vehicle maintenance facility for the DOT for a number of years. Heavy end petroleum contamination (Bunker C or FS-6) is present above and below the water table in an approximately four-foot smear zone. There is about 10-feet of clean overburden over most of the site. The impacted area is fairly large (about 200 x 300-feet and near the Buskin River. Sentry wells have detected very low concentrations of three or four PAHs. The combined concentrations are close to the surface water quality standard of 15 ug/L total aqueous hydrocarbons. Conditions for both aerobic and anaerobic bacterial growth was marginal to poor. The MNA evaluation concluded that attenuation would take on the order of several decades and should be considered only in conjunction with a more active remedial technology.

Action Date: 9/26/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting with the COE, Coast Guard and EPA on a monitored natural attenuation (MNA) evaluation for this site. MNA was determined to not be a practical remediation technique for this site. Heavy end petroleum (bunker C or FS-6) has impacted an approximate 4-foot smear zone above and below the water table over a large area (about 60,000 square feet), with 9-11-feet of clean overburden. A feasibility study will need to be the next step in the process to determine the preferred alternative.

Action Date: 8/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the responses to comments from the Army Corps of Engineers (USACE) for the draft 2019-20 Historical Data Compilation and Data Gap Investigation Report. ADEC submitted a summary of its review determinations, acceptance of responses to comments, and approval to finalize the report to USACE.

Action Date: 4/9/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the revised redline draft documents and additional responses to comments for the draft 2019 Building A-711 Data Gap Investigation Report and submitted approval to the Army Corps of Engineers to finalize the report.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		7/28/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2021 Base Kodiak Monitoring Well Decommissioning Work Plan and submitted comments to the USCG.						
Action Date:		8/4/2021				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.						
Action Date:		5/20/2010				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.						
Action Date:		9/13/2010				
Action:		Update or Other Action				
DEC Staff:		Curtis Dunkin				
Description:						
Contaminated sites staff reviewed and approved the May 2010 (QTR.1) Building A-711 Quarterly Monitoring Report. The groundwater monitoring activities are part of an ongoing remedial effort to evaluate the potential migration of non-aqueous phase liquids (NAPL). Laboratory analyses of groundwater samples indicated no analytes exceeding ADEC Table C allowable units. However, it was discovered that one monitoring well (last sampled in 2007 from which results indicated it was clean) contained NAPL and was not sampled during this event (along w/ the three other wells which previously were identified to contain NAPL). The next monitoring event is scheduled for the week of Sept. 20, 2010 and will include the installation of four new monitoring wells.						
Action Date:		9/22/2010				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.						
Action Date:		3/29/2018				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2017 USCG Monitoring Well Decommissioning Report and submitted comments to the US Coast Guard. ADEC participated in responses to comments resolution of the report, as well as technical planning and coordination meetings between project team delivery team representatives from the USCG, USACE, and EPA to evaluate the site status and path forward with regard to ongoing potential impacts to site conditions resulting from recent changes to land use activities.						
Action Date:		9/19/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 8/28/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received a Current Conditions Inspection Report from the Army Corps of Engineers that was dated August, 2018 for the site inspection and conditions evaluation that was conducted by USACE in October, 2017. Primary objectives included establishing the status of the monitoring well network and evaluating site conditions and land use activities.

Action Date: 12/5/2002
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a scoping meeting for this site. The site has contamination over several thousand square feet in a smear zone extended about five-feet below the water table. The water table is believed to have been elevated because of extensive fill placement to expand a DOT gravel pad. Water is currently about 11-feet below grade. The contamination is thought to be FS-6, a heavy end fuel that was believed to be used in the former MA-6 UST for heating the building back in the 1950s and 1960s. The Buskin River is down gradient about 300-feet from the leading edge of the plume. The plume appears to be immobile. Just detectable PAHs have been inconsistently noted in one sentry well.

A natural attenuation investigation showed that attenuation is very slow. To attain cleanup levels would take well over 100 years. A feasibility study will be the next step in the process with a likely decision to do an eventual source removal excavation with monitoring in the mean time. Innovative technologies will be assessed in the FS, however with the Buskin River nearby, nothing that promotes contaminant mobilization can be used.

Action Date: 6/21/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 2/21/2007
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Pilot Study Report for the Building A-711 FUDS site on Kodiak. The test used a chemical oxygenate to attempt to break down petroleum hydrocarbons. Results indicated that the method won't be acceptable at this site. Down gradient wells showed increases of benzene and some metals. The application was causing unacceptable increases of dissolved contaminants of concern (COCs). The total oxygen demand of the system was also greater than anticipated, so the volume of oxygenate to be injected that would treat the site to cleanup levels would be cost prohibitive

Action Date: 3/5/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		4/3/2007				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The Corps of Engineers, their contractor, the US Coast Guard, EPA and the DEC participated. There had been discussion between the decision of dig and haul and leaving the contamination in place with long-term monitoring. All parties are in agreement that we will proceed with a dig and haul cleanup. We discussed logistical problems of dewatering, discharge water treatment system, handling saturated material, and physical constraints of the site for moving and storing material						
Action Date:		8/19/2004				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information						
Action Date:		12/22/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation						
Action Date:		9/25/2018				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.						
Action Date:		3/13/2019				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.						
Action Date:		4/1/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC completed its review of the draft 2019 Building A-711 Data Gap Remedial Investigation and Historical Data Compilation Work Plan and submitted comments to the Army Corps of Engineers. ADEC's review and comments on the draft RI work plan were also conducted in conjunction with its review of the 2017 Current Conditions Inspection Report (dated August, 2018) that was conducted internally by USACE.						
Action Date:		4/3/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC reviewed the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted comments to the ADEC-Spill and Response program who is conducting the lead oversight for the cleanup.

Action Date: 5/20/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a resolution project delivery team meeting with representatives from USACE, EPA, and the USCG for the draft 2019 Data Compilation and Supplemental RI Work Plan.

Action Date: 5/22/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC completed its review of responses to comments from the Army Corps of Engineers for the draft 2019 Data Compilation and Supplemental RI Work Plan. ADEC submitted its review determinations along with approvals to finalize the work plan document in conjunction with resolved comments from the May 20, 2019 resolution meeting.

Action Date: 8/20/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

Action Date: 1/29/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Solvent and petroleum contamination.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 50.

Action Date: 12/21/1998
Action: Interim Removal Action Approved
DEC Staff: Jeff Brownlee
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Interim Removal Action Approved this date.

Action Date: 10/30/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Test pit investigation during August 1999 discovered product below the water table over know plume area from the former Quartermaster gas station toward A-711. Planned IRA work suspended to rescope.

Action Date: 5/15/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a work plan and participated in a scoping meeting for an interim removal action at the Building A-711 Formerly Used Defense Site (FUDS) in Kodiak. The removal will target the most concentrated area of a plume of heavy end free product petroleum. The product is mostly below the water table, so the contractor plans to excavate below water with a clam shell bucket. Due to site and budget constraints the excavation area will be limited to about 16,000 square feet. Removed soil will be stacked next to the excavation to allow soils to drain back into the excavation for a couple days before being stockpiled.

Action Date: 3/4/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the focused site investigation results of the Buskin River conducted in 2019 by NOAA along with their draft work plan to conduct demolition and cleanup of a dilapidated bridge of unknown origin that spans the outflow creek located downgradient of the Buskin River. ADEC submitted review determinations, comments, and tentative approvals to NOAA and the US Coast Guard.

Action Date: 3/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill-Site 1, and Building A-711.

Containment Information

Name: DRO
Media:
Level Description: > Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site is included in the USCG Land Use Control Assurance Plan.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Notification to ADEC and COE for soil excavation.

13	2 of 2	NNW	0.21 / 1,111.90	66.57 / 2	USCG MA6 DOT Building A-711 Tom Stiles, Anton Larson, Intersection of, Kodiak, AK 99619 AK	INST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazard ID:		2304				
Status:		Active				
File ID:		2601.38.043				
Staff:		Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov				
Latitude:		57.758651				
Longitude:		-152.514588				
Horizontal Datum:		WGS84				
Comments:						

Solvent from LUST contaminated soil and GW. Approximately 2-5,000 gallons DRO or FS-6 or Bunker C. Known subsurface and GW contamination within 200-feet of the Buskin River. 11/99 - Contamination was discovered below the water table during an investigation this summer. Planned IRA work was suspended to rescope. Sentinel Wells near the Buskin River sampled in October 1999. Last staff assigned was Patrick-Riley, Sundet, Horwath, Rutkowski, Seagren and Brownlee.

Action Information

Action Date: 9/17/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed and commented on a draft Monitored Natural Attenuation (MNA) Evaluation for this site on Kodiak. Building A-711 has been used a vehicle maintenance facility for the DOT for a number of years. Heavy end petroleum contamination (Bunker C or FS-6) is present above and below the water table in an approximately four-foot smear zone. There is about 10-feet of clean overburden over most of the site. The impacted area is fairly large (about 200 x 300-feet and near the Buskin River. Sentry wells have detected very low concentrations of three or four PAHs. The combined concentrations are close to the surface water quality standard of 15 ug/L total aqueous hydrocarbons. Conditions for both aerobic and anaerobic bacterial growth was marginal to poor. The MNA evaluation concluded that attenuation would take on the order of several decades and should be considered only in conjunction with a more active remedial technology.

Action Date: 9/26/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting with the COE, Coast Guard and EPA on a monitored natural attenuation (MNA) evaluation for this site. MNA was determined to not be a practical remediation technique for this site. Heavy end petroleum (bunker C or FS-6) has impacted an approximate 4-foot smear zone above and below the water table over a large area (about 60,000 square feet), with 9-11-feet of clean overburden. A feasibility study will need to be the next step in the process to determine the preferred alternative.

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 8/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the responses to comments from the Army Corps of Engineers (USACE) for the draft 2019-20 Historical Data Compilation and Data Gap Investigation Report. ADEC submitted a summary of its review determinations, acceptance of responses to comments, and approval to finalize the report to USACE.

Action Date: 4/9/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the revised redline draft documents and additional responses to comments for the draft 2019 Building A-711 Data Gap Investigation Report and submitted approval to the Army Corps of Engineers to finalize the report.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 7/28/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2021 Base Kodiak Monitoring Well Decommissioning Work Plan and submitted comments to the USCG.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date: 12/5/2002
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a scoping meeting for this site. The site has contamination over several thousand square feet in a smear zone extended about five-feet below the water table. The water table is believed to have been elevated because of extensive fill placement to expand a DOT gravel pad. Water is currently about 11-feet below grade. The contamination is thought to be FS-6, a heavy end fuel that was believed to be used in the former MA-6 UST for heating the building back in the 1950s and 1960s. The Buskin River is down gradient about 300-feet from the leading edge of the plume. The plume appears to be immobile. Just detectable PAHs have been inconsistently noted in one sentry well.

A natural attenuation investigation showed that attenuation is very slow. To attain cleanup levels would take well over 100 years. A feasibility study will be the next step in the process with a likely decision to do an eventual source removal excavation with monitoring in the mean time. Innovative technologies will be assessed in the FS, however with the Buskin River nearby, nothing that promotes contaminant mobilization can be used.

Action Date: 6/21/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 8/19/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information.

Action Date: 5/20/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		12/22/2004				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation						
Action Date:		9/13/2010				
Action:		Update or Other Action				
DEC Staff:		Curtis Dunkin				
Description:						
Contaminated sites staff reviewed and approved the May 2010 (QTR.1) Building A-711 Quarterly Monitoring Report. The groundwater monitoring activities are part of an ongoing remedial effort to evaluate the potential migration of non-aqueous phase liquids (NAPL). Laboratory analyses of groundwater samples indicated no analytes exceeding ADEC Table C allowable units. However, it was discovered that one monitoring well (last sampled in 2007 from which results indicated it was clean) contained NAPL and was not sampled during this event (along w/ the three other wells which previously were identified to contain NAPL). The next monitoring event is scheduled for the week of Sept. 20, 2010 and will include the installation of four new monitoring wells.						
Action Date:		9/22/2010				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.						
Action Date:		3/29/2018				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2017 USCG Monitoring Well Decommissioning Report and submitted comments to the US Coast Guard. ADEC participated in responses to comments resolution of the report, as well as technical planning and coordination meetings between project team delivery team representatives from the USCG, USACE, and EPA to evaluate the site status and path forward with regard to ongoing potential impacts to site conditions resulting from recent changes to land use activities.						
Action Date:		8/28/2018				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received a Current Conditions Inspection Report from the Army Corps of Engineers that was dated August, 2018 for the site inspection and conditions evaluation that was conducted by USACE in October, 2017. Primary objectives included establishing the status of the monitoring well network and evaluating site conditions and land use activities.						
Action Date:		1/12/2005				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a meeting with the Coast Guard, EPA, Corps of Engineers and contractors to discuss remedial investigations at two Formerly Used Defense Sites on Kodiak. The Fire Training Pit and Building A-711 both have large contaminant masses at the smear zone and are near the Buskin River, a major salmon stream on the island. The 2004 remedial investigations at both sites filled in several data gaps. A list of remedial alternatives was discussed for inclusion in the upcoming Feasibility Studies. The cleanup team decided that a treatability study would be useful to gauge the biological response and area of influence to additives to supplement attenuation. The treatability study is planned for the summer of 2005						
Action Date:		6/17/2005				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.				
Action Date:		8/30/2005				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area				
Action Date:		12/12/2005				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation				
Action Date:		1/19/2006				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light				
Action Date:		3/2/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff reviewed a draft Feasibility Study (FS) for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The FS was based on a Treatability Investigation (TI) that tested the site geologic and hydrogeologic characteristics for the application of a variety of remedial alternatives. The FS evaluated those technologies that were shown to be the most practical. However, the EPA and DEC agree that there were flaws in a couple of the remedial alternatives presented in the TI and that these should be reevaluated in the next version of the FS				
Action Date:		4/20/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:		CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation				
Action Date:		5/10/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Staff reviewed and commented on a pilot study for the A-711 FUDS site on Kodiak Island. A chemical oxidation test with RegenOx will be performed this summer. A test site in a known plume of primarily DRO contamination (10,000 - 12,000 mg/kg) will be injected with reagent at two different grid spacings. The reagent will be injected twice about one month apart. Confirmation soil samples will be collected to statistically compare contaminant reduction. Groundwater will be monitoring to check for partitioning of contaminants to the aquifer

Action Date: 5/24/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections with a Corps of Engineers Pacific Ocean Division representative on Kodiak Island. Several Formerly Used Defense sites were toured by helicopter including Burma Road, Long Island, Buskin Lake, Cape Chiniak Tracking Station and Little Navy Annex

Action Date: 6/1/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in the USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 9/19/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 2/21/2007
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Pilot Study Report for the Building A-711 FUDS site on Kodiak. The test used a chemical oxygenate to attempt to break down petroleum hydrocarbons. Results indicated that the method won't be acceptable at this site. Down gradient wells showed increases of benzene and some metals. The application was causing unacceptable increases of dissolved contaminants of concern (COCs). The total oxygen demand of the system was also greater than anticipated, so the volume of oxygenate to be injected that would treat the site to cleanup levels would be cost prohibitive

Action Date: 3/5/2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit				
Action Date:		4/3/2007				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:		Contaminated Sites staff participated in a scoping meeting for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. The Corps of Engineers, their contractor, the US Coast Guard, EPA and the DEC participated. There had been discussion between the decision of dig and haul and leaving the contamination in place with long-term monitoring. All parties are in agreement that we will proceed with a dig and haul cleanup. We discussed logistical problems of dewatering, discharge water treatment system, handling saturated material, and physical constraints of the site for moving and storing material				
Action Date:		9/25/2018				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:		ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.				
Action Date:		3/13/2019				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:		ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.				
Action Date:		4/1/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC completed its review of the draft 2019 Building A-711 Data Gap Remedial Investigation and Historical Data Compilation Work Plan and submitted comments to the Army Corps of Engineers. ADEC's review and comments on the draft RI work plan were also conducted in conjunction with its review of the 2017 Current Conditions Inspection Report (dated August, 2018) that was conducted internally by USACE.				
Action Date:		4/3/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC reviewed the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted comments to the ADEC-Spill and Response program who is conducting the lead oversight for the cleanup.				
Action Date:		5/20/2019				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:		ADEC participated in a resolution project delivery team meeting with representatives from USACE, EPA, and the USCG for the draft 2019 Data				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Compilation and Supplemental RI Work Plan.

Action Date: 5/22/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC completed its review of responses to comments from the Army Corps of Engineers for the draft 2019 Data Compilation and Supplemental RI Work Plan. ADEC submitted its review determinations along with approvals to finalize the work plan document in conjunction with resolved comments from the May 20, 2019 resolution meeting.

Action Date: 8/20/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

Action Date: 1/29/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.

Action Date: 3/4/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the focused site investigation results of the Buskin River conducted in 2019 by NOAA along with their draft work plan to conduct demolition and cleanup of a dilapidated bridge of unknown origin that spans the outflow creek located downgradient of the Buskin River. ADEC submitted review determinations, comments, and tentative approvals to NOAA and the US Coast Guard.

Action Date: 3/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill-Site 1, and Building A-711.

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Solvent and petroleum contamination.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Initial ranking. Score = 50.

Action Date:	12/21/1998
Action:	Interim Removal Action Approved
DEC Staff:	Jeff Brownlee
Description:	

Interim Removal Action Approved this date.

Action Date:	10/30/1999
Action:	Update or Other Action
DEC Staff:	Jeff Brownlee
Description:	

Test pit investigation during August 1999 discovered product below the water table over know plume area from the former Quartermaster gas station toward A-711. Planned IRA work suspended to rescope.

Action Date:	5/15/2007
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff reviewed a work plan and participated in a scoping meeting for an interim removal action at the Building A-711 Formerly Used Defense Site (FUDS) in Kodiak. The removal will target the most concentrated area of a plume of heavy end free product petroleum. The product is mostly below the water table, so the contractor plans to excavate below water with a clam shell bucket. Due to site and budget constraints the excavation area will be limited to about 16,000 square feet. Removed soil will be stacked next to the excavation to allow soils to drain back into the excavation for a couple days before being stockpiled.

Action Date:	6/14/2007
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date:	11/2/2007
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects

Action Date:	3/26/2008
Action:	Exposure Tracking Model Ranking
DEC Staff:	Jeff Brownlee
Description:	

Initial ranking with ETM completed.

Action Date:	4/2/2008
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contaminated Sites staff participated in an update meeting for the Formerly Used Defense Sites on Kodiak Island. The Fire Training Pit, Drury Gulch, and Buskin Beach sites will be undergoing active remediation this summer. Environmental investigations will be performed at Building A-711, Buskin Beach and the Fire Training Pit. Proposed Plans are being produced this summer for Building A-711, Fire Training Pit, Asphalt Disposal Area and Buskin Beach and a closure report for an Underground Storage Tank cleanup at Bruhn Point. The spring open house and assembly meeting will be the end of May or early June

Action Date: 7/17/2008
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Site staff reviewed and commented on a Proposed Plan for the Building A-711 FUDS on Kodiak Island. The site is proposed for Long-term Monitoring and ICs. The site has heavy end petroleum contamination below the water table over ingestion levels under ten plus feet of overburden. Monitoring will be designed to ensure the plume is steady state or shrinking

Action Date: 3/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.

Action Date: 4/3/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.

Action Date: 4/15/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.

Action Date: 4/23/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC Contaminated Sites received and reviewed the responses to comments for the draft 2019 APL Fuel Spill Investigation and Cleanup Work Plan and submitted determinations to the ADEC-Spill and Response program which is conducting the lead oversight for the cleanup. ADEC participated in several technical planning and spill response coordination meetings during the months of March-May, 2019 with representatives from the USCG, EPA, and USACE.

Action Date: 6/4/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.

Action Date: 6/12/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.

Action Date: 7/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Historical Data Compilation and Data Gap Investigation Report and submitted review comments to the U.S. Army Corps of Engineers.

Action Date: 8/12/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.

Action Date: 8/20/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Action Date: 4/6/2000
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Interim Remedial Action Report November 1999. Groundwater was sampled in the existing monitoring wells. No levels over Table C were present in the three sentry wells at the southwest edge of the site. Free product still present in the plume center. Soil contamination was further characterized with test pits. Data gaps still present in soil to the west, groundwater to the southeast and west and the woodstave piping was not adequately investigated.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date: 9/6/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a meeting on the COE workplan to utilize material from the ADA as a subbase for a Department of Transportation (DOT) paving project in Kodiak. Representatives from the DOT, COE, their contractor, Jacobs Engineering and ADEC were at the meeting. Synthetic leachate testing of the raw material showed results close to or below the action level of 1.5 mg/L DRO and 1.1 RRO. Testing of the 4% asphalt/soil mix will be performed throughout the job with a higher frequency of testing during the test strip of road to ensure adequate performance. In the case of a leachate test failure, procedures were discussed for more detailed sampling, or removal of the material from use in the road.

Action Date: 8/12/2008
Action: Site Visit
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site

Action Date: 10/2/2008
Action: Report or Workplan Review - Other
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed an after action report for the Building A-711 Formerly Used Defense Site (FUDS) on Kodiak Island. Approximately 8,400-tons of soil contaminated with Diesel and Residual Range Organics (DRO, RRO) was excavated and disposed off island. The site has a large area of contamination with a thick smear zone above and below the water table. The removal action was designed to remove the worst of the contamination with the budget available, but there is still a sizable area above method two ingestion levels. About 14,000-gallons of free phase product and oily water were pumped onto the contaminated soil stockpiles to filter out the viscous product. The leachate was then collected and transported to the Coast Guard Liquid Oil Waste Processing system. Contamination detections in groundwater have been noted in sentry wells below Table C values. Monitoring is ongoing to determine if the plume is stable or moving down gradient which is toward the Buskin River.

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Containment Information

Name: DRO
Media:
Level Description: > Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site is included in the USCG Land Use Control Assurance Plan.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Notification to ADEC and COE for soil excavation.

14	1 of 1	NW	0.22 / 1,187.63	67.79 / 3	USCG Kodiak Site 14 Qtrmstr. MA7-8 Tom Stiles and Anton, Larson Bay Roads, Kodiak, AK 99619 AK	SHWS
Hazard ID:	497			Latitude:	57.788138	
Status:	Cleanup Complete			Longitude:	-152.402178	
File ID:	2601.38.023			Horizontal Datum:	NAD83	
Staff:	No Longer Assigned, 9074655229 dec.icunit@alaska.gov					
Comments:						

GRO, DRO contamination found in soils. Halogenated organics and POLs in GW. Last staff assigned were Patrick-Riley and Sundet.

Action Information

Action Date: 9/15/1991

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
Draft CMS/RFI work plan submitted.						
Action Date:		6/19/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits RFI Report and quarterly monitoring results, rounds 1 and 2.						
Action Date:		6/19/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits Interim Measures Work Plan.						
Action Date:		7/18/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
EPA approves RFI report dated 6 March 95 by HLA.						
Action Date:		7/21/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
EPA approves Interim Measure Work Plan.						
Action Date:		8/11/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG requests approval to stockpile contaminated soils generated from UST removal in bio-cell.						
Action Date:		8/15/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Remedial action underway.						
Action Date:		8/17/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		8/25/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits Round 3 Quarterly Monitoring results.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		9/18/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		11/9/1995				
Action:		Site Added to Database				
DEC Staff:		Kent Patrick-Riley				
Description:						
GRO, DRO, halogenated organics, and POL contamination.						
Action Date:		11/17/1995				
Action:		Cleanup Plan Approved				
DEC Staff:		Kent Patrick-Riley				
Description:						
ADEC conditional approval for Nyman's Peninsula Biocell.						
Action Date:		11/28/1995				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Kent Patrick-Riley				
Description:						
Initial ranking.						
Action Date:		4/4/1996				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits Final Interim Measures report, dated March 96.						
Action Date:		6/11/1996				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG trip report on PRC visit to facility.						
Action Date:		6/21/1996				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
ADEC letter expressing concerns and request for plan to address contamination.						
Action Date:		10/10/1997				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
USCG submits Draft Groundwater Monitoring Report.						
Action Date:		11/30/2000				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				
Description:						
EPA issues site closure through Class 3 RCRA Permit Modification.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 2/27/2001
Action: Site Ranked Using the AHRM
DEC Staff: Donald Seagren
Description:

Corrections made to original ranking based on subsequent investigations and reports to more accurately reflect actual site conditions.

Action Date: 8/10/2001
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

Site closure approved with the contamination coming to the site from an upgradient source to be cleaned up under Site 34. Site 34 is a FUDS, with Jeff Brownlee as Project Manager.

Action Date: 6/16/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

15	1 of 4	NW	0.23 / 1,221.75	68.03 / 4	ALASKA DOT & PF KODIAK M&O FAC 1500 ANTON LARSEN RD KODIAK AK 99615	RCRA VSQG

EPA Handler ID: AKD983074998
Gen Status Universe: VSG
Contact Name: ROBERT M GREENE
Contact Address: 1500 , ANTON LARSEN RD , , KODIAK , AK, 99615 , US
Contact Phone No and Ext: 907-487-4952
Contact Email: ROBERT.GREENE@ALASKA.GOV
Contact Country: US
County Name: KODIAK ISLAND
EPA Region: 10
Land Type: State
Receive Date: 20110607
Location Latitude: 57.764823
Location Longitude: -152.519729

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jun, 2021.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20120323
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20120411
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20120323
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19920710
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19921013
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19921120
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19920710
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19931230
Violation Responsible Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19921120
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Evaluation Details

Evaluation Start Date:	20110531
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Universal Waste - Small Quantity Handlers
Return to Compliance Date:	20120411
Evaluation Agency:	EPA

Evaluation Start Date:	19990701
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Evaluation Start Date:	19931230
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Evaluation Start Date:	19920710
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Evaluation Start Date:	19911120
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Return to Compliance Date:	19921013
Evaluation Agency:	State

Evaluation Start Date:	19911120
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Return to Compliance Date:	19931230
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19920721
Handler Name:	ALASKA DOT & PF KODIAK M&O FAC
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19990806
Handler Name:	ALASKA DOT & PF KODIAK M&O FAC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	NONE
Waste Code Description:	DESCRIPTION

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20110607
Handler Name:	ALASKA DOT & PF KODIAK M&O FAC
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	State	Street 1:	
Name:	AK DOT & PF	Street 2:	
Date Became Current:	19710810	City:	
Date Ended Current:		State:	
Phone:		Country:	US
Source Type:	Notification	Zip Code:	
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Federal	Street 1:	4111 AVIATION AVE
Name:	US COAST GUARD	Street 2:	
Date Became Current:	19730810	City:	ANCHORAGE
Date Ended Current:		State:	AK
Phone:		Country:	US
Source Type:	Notification	Zip Code:	99615
Owner/Operator Ind:	Current Owner	Street No:	
Type:	State	Street 1:	4111 AVIATION AVE
Name:	AK DOT & PF	Street 2:	
Date Became Current:		City:	ANCHORAGE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:				State:	AK	
Phone:		907-269-0765		Country:		
Source Type:		Notification		Zip Code:	99519-6900	

Historical Handler Details

Receive Dt: 19990806
Generator Code Description: Not a Generator, Verified
Handler Name: ALASKA DOT & PF KODIAK M&O FAC

Receive Dt: 19920721
Generator Code Description: Very Small Quantity Generator
Handler Name: ALASKA DOT & PF KODIAK M&O FAC

15	2 of 4	NW	0.23 / 1,221.75	68.03 / 4	ADOT&PF Airport Maintenance Shop-Kodiak 1500 Anton Larsen Road, Kodiak, AK 99615 AK	SHWS

Hazard ID:	4337	Latitude:	57.757778
Status:	Cleanup Complete	Longitude:	-152.515
File ID:	2601.38.102	Horizontal Datum:	NAD83
Staff:	No Longer Assigned, 9074655229 dec.icunit@alaska.gov		
Comments:			

During an inspection on November 19, 1991, 85 barrels of RC 800 asphalt, which approximately 20 barrels were rusted and leaking product onto the ground. Approximate area contaminated 100' X 50', and sample tested 4.5 ppm benzene.

Action Information

Action Date: 12/29/2006
Action: Site Ranked Using the AHRM
DEC Staff: Alyce Hughey
Description:

Site ranked using the AHRM.

Action Date: 12/29/2006
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.38.102 was assigned and entered into the Fileroom Database, and Contaminated Sites Database.

Action Date: 12/29/2006
Action: GIS Position Updated
DEC Staff: Alyce Hughey
Description:

Using the map in the Remediation Work Plan, Kodiak Department of Transportation, in conjunction with TopoZone Pro, entered the coordinates for this site. Metadata includes USGS Topo Map Automatic Selection, TopoZone Pro Street Maps, on a Medium Size Map, View Scale 1:25,000, Coordinate Datum NAD83. High degree of confidence in accuracy of location.

Action Date: 12/29/2006
Action: Site Added to Database
DEC Staff: Alyce Hughey
Description:

Site added to the database.

Action Date: 1/10/2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

This release was related to a 91 HW program inspection where 3 areas of concern were observed. They were: dried yellow and white road paint behind the shop; used oil in the waste oil tank; and leaking drums of RC 800 asphalt cutback. During the 92/93 time frame, the deird road paint was picked up and disposed of in the Kodiak landfill. The used oil in the waste oil tank was burned for energy recovery. Tehleaking drum wer segregated. thos not, leaking weer re-stacked and coverd for protection until used. The leaking drums were pumped into a tanker truck for later use. the drums ere air dried, cut up and crushed and disposed of in the Koaidk landfill. The contmaintained soil ws removed and replaced with clean gravel. the contaminated soil was re-cycled into improvements to the airport tie down area. No contamiantion issue remain. Site closure approved.

Action Date: 4/6/2007
Action: Exposure Tracking Model Ranking
DEC Staff:
Description:

Initial Ranking Complete for Source Area: 75317 (Autogenerated Action)

Action Date: 6/10/2008
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Site transferred from Don Seagren to Linda Nuechterlein per Linda Nuechterlein.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

15	3 of 4	NW	0.23 / 1,221.75	68.03 / 4	Kodiak State Airport 1500 Anton Larsen RD Kodiak AK 99615	UST

Facility ID: 633
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Concrete
Owner Tank ID:	2	Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Listed	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Diesel	Piping Rel Detect:	Not Listed
Capacity:	25000 gallons	Tank Rel Det:	Not Listed
Age:	81.5	Spill Prevent Met:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	6				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	6				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	5				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	5				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	7				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	7				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	3				Tank Mat Constr:	Concrete
Owner Tank ID:	3				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						
DEC Tank ID:	4				Tank Mat Constr:	Concrete
Owner Tank ID:	4				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	25000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Tank ID:	8				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	8				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Diesel				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						

DEC Tank ID:	1				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1				Pipe Mat Constr:	Galvanized Steel
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Listed				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Used Oil				Piping Rel Detect:	Not Listed
Capacity:	1500 gallons				Tank Rel Det:	Not Listed
Age:	81.5				Spill Prevent Met:	No
Date Installed:	2/11/1940				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use					
LD Other Methods:						

Owner Detail(s)

Site Name:	Kodiak State Airport	Owner ID:	2259
Location:	1500 Anton Larsen RD	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner 1:	ADOT&PF
Owner Address:	PO Box 112500 MS-2500 Juneau, AK 99801		

Tank and Owner Detail(s)

Tank ID:	3	Owner ID:	2259
Tank Capacity:	25000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	2/11/1940		

Tank ID:	4	Owner ID:	2259
Tank Capacity:	25000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	2/11/1940		

Tank ID:	5	Owner ID:	2259
Tank Capacity:	25000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	2/11/1940		

Tank ID:	7	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	2/11/1940		

Tank ID:	6	Owner ID:	2259
Tank Capacity:	25000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	2/11/1940		

No of Tanks (Map):		Distnc to Barge(Ft):	
Owner Type:		AEA Community ID:	
Dt Last Inspct(Map):		Tank Farm ID (Map):	
Dt Last Modify(Map):		Evaluator Name:	
Fuel Delivry Method:		Site Point:	
Diesel Capcty (Map):		Diking Points:	
Gas Capacity (Map):		Foundation Points:	
AV Gas Capcty(Map):		Tank Points:	
Other Capcty(Map):		Piping Points:	
Total Capcty (Map):		Electrical Points:	
AEA Tank Farm ID:		LHS Points:	
Score:		Total Points:	
Report:		Point X:	
Data Source (Map):		Point Y:	
Facility ID(web):	420		
Locat of Tanks(web):			
No of Tanks (web):	2		
Tank Category(web):	Transportation_(2)		
Total Capacity (web):	5000		
Gas Capacity (web):			
Diesel Cap(web):	5000		
AV Gas Cap (web):			
Jet Fuel Cap(web):			
Othr FI Cap(web):			
Comments (web):			
Dt Last Inspct(web):			
Last Visited Survey(web):			
Facility State(web):	Alaska		
Postal Code(web):	99615		
Facility Longitude(web):	-152.515949		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Latitude(web): 57.759841 X (web): -152.51580810546875 Y (web): 57.7598876953125 Tank Farm Evaluation ID (Map): Tank Farm Evaluation ID (web): Tank Operator Information: Data Source Link (Map): Community ID: Excel ID: Description of Tank(web): Contact of Owner: Fuel Supplier (Map): Recommendation (If applicable): Comments (Map): Data Source(s): DCRA's Bulk Fuel Inventory in Alaska (Web) Description of Tank (Map): Delivery Method (Web): Facilityowner Phone: 907-487-4952 Operator: Todd Dorman Operator Phonenumber: 907-487-2611 Operator Email: todd.dorman@alaska.gov Fuel Supplier (Web): Recommendations By Aea: Distance to Barge Mooring: Tank Operator Info: Delivery Methods: Date Last Modified: Primaryfacilityrepresentative: Todd Dorman Tank Farm ID (Web): Evaluator: Data Source (Web): DEC Report: Data Source Link (Web): Primaryfacilityrep Phonenumber: 907-487-2611 Primaryfacilityrep Email: todd.dorman@alaska.gov Landowner: Stan Skaw Landowner Phonenumber: 907-487-5192 Landowner Email: stan.r.skaw@uscg.mil Facilityowner: Rob Greene Facilityowner Email: robert.greene@alaska.gov						

<u>16</u>	1 of 1	NW	0.25 / 1,315.67	68.77 / 4	ADOTPF - Kodiak Maintenance Shop 1500 Anton Larsen Bay Rd Kodiak AK 99615	UST
Facility ID: 479 Facility Type: Unknown Latitude: 57.759878 Longitude: -152.515858						

Tank Detail(s)

DEC Tank ID:	2	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	156-1-D	Pipe Mat Constr:	Other
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Available	Scndry Cont Opt (Tk):	None
Regulated Tank:	No	Scndry Cont Opt (Pp):	None
Product:	Diesel	Piping Rel Detect:	Not Listed
Capacity:	5000 gallons	Tank Rel Det:	Not Listed
Age:	49.4	Spill Prevent Met:	No
Date Installed:	3/15/1972	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status:	Temporarily Out of Use					
LD Other Methods:						

DEC Tank ID:	1				Tank Mat Constr:	Unknown
Owner Tank ID:	156-3G				Pipe Mat Constr:	Unknown
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Tank removed from ground				Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	1000 gallons				Tank Rel Det:	Not Listed
Age:	19.5				Spill Prevent Met:	No
Date Installed:	4/29/1978				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 10/15/1997					
LD Other Methods:						

DEC Tank ID:	3				Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	156-2-G				Pipe Mat Constr:	Other
Compliance Tag No:					Piping Type:	Not Listed
Closure Status:	Not Available				Scndry Cont Opt (Tk):	None
Regulated Tank:	No				Scndry Cont Opt (Pp):	None
Product:	Gasoline				Piping Rel Detect:	Not Listed
Capacity:	5000 gallons				Tank Rel Det:	Not Listed
Age:	49.4				Spill Prevent Met:	No
Date Installed:	3/15/1972				Overfill Prevent Met:	No
Next Inspection Due:	No Date Available				Cathodic Protect Met:	No
Status:	Temporarily Out of Use					
LD Other Methods:						

Owner Detail(s)

Site Name:	ADOTPF - Kodiak Maintenance Shop	Owner ID:	2259
Location:	1500 Anton Larsen Bay Rd	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner 1:	ADOT&PF
Owner Address:	PO Box 112500 MS-2500 Juneau, AK 99801		

Tank and Owner Detail(s)

Tank ID:	2	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Temporarily Out of Use	Owner City:	Juneau
Substance:	Diesel	Owner State:	AK
Regulated:	No	Owner Zip:	99801
Date Installed:	3/15/1972		

Tank ID:	1	Owner ID:	2259
Tank Capacity:	1000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Permanently Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	Yes	Owner Zip:	99801
Date Installed:	4/29/1978		

Tank ID:	3	Owner ID:	2259
Tank Capacity:	5000	Owner Name:	ADOT&PF
Facility Type:	Unknown	Owner Address:	PO Box 112500 MS-2500
Tank Status Desc:	Temporarily Out of Use	Owner City:	Juneau
Substance:	Gasoline	Owner State:	AK
Regulated:	No	Owner Zip:	99801
Date Installed:	3/15/1972		

17	1 of 1	SE	0.32 / 1,664.95	76.67 / 12	ADOT&PF Kodiak Airport Chemical Storage Building Kodiak Airport; Adjacent to Taxiway and Dolphin Avenue,	SHWS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Kodiak, AK 99615
AK

Hazard ID:	25579	Latitude:	57.748991
Status:	Active	Longitude:	-152.494671
File ID:	2601.38.112	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

In 2010, during the construction of the Chemical Storage Building, petroleum-impacted soil was encountered off the SW corner. Some contaminated soil was excavated and removed from site. Confirmation Soil samples collected from the excavation contained DRO up to 4,420 mg/kg. The source of contamination is unknown.

Action Information

Action Date:	11/22/2010
Action:	Site Added to Database
DEC Staff:	Mitzi Read
Description:	

A new site has been added to the database

Action Date:	11/22/2010
Action:	Exposure Tracking Model Ranking
DEC Staff:	Grant Lidren
Description:	

Initial ranking with ETM completed for source area id: 78977 name: Historic Petroleum - Unknown Source

Action Date:	12/1/2010
Action:	Offsite Soil or Groundwater Disposal Approved
DEC Staff:	Bill Petrik
Description:	

In the absence of Grant Lidren, project manager for the site, to expedite the transport of a 70 c.y. contaminated soil stockpile, reviewed the TestAmerica lab analytical results for 8 samples that were analyzed for GRO, DRO, RRO, PAHs, VOCs (including BTEX), and TLCP Metals. Only DRO exceeded the migration to GW cleanup levels but were below the ingestion/dermal contact cleanup levels. As a result, processed a "Contaminated Soil Transport and Treatment Approval Form" to move the 70 c.y. from adjacent to the excavation to a co-mingled stockpile of like contaminated soils at Pad 172 for later treatment.

Action Date:	7/26/2011
Action:	Report or Workplan Review - Other
DEC Staff:	Grant Lidren
Description:	

On this date, ADEC reviewed Kodiak Chemical Storage Facility Contaminated Soils Report, submitted by EMI, dated December 20, 2010. During construction of a new Chemical Storage Building, EMI was contracted to evaluate contamination discovered off the SW corner of the building footprint. Based off screening and visual/ olfactory senses, 70 cy of contaminated soil was removed plus 15 cy of clean material from an excavation 28' by 28' by 3'. The 15 cy stockpile of clean soil was added to a previous 750 cy stockpile of clean soil from the building footprint and transported offsite. Three soil samples collected from the 70 cy contaminated stockpile contained DRO up to 3,840 mg/kg. The contaminated 70 cy stockpile was hauled offsite to a landfarm operated by the US Coast Guard and comingled with other soils and land farmed. Four confirmation soil samples collected from the sidewalls and the base of the excavation contained DRO up to 4,420 mg/kg. To evaluate potential vertical extent of contamination a test pit was excavated from the highest screened location. At 10 ft. bgs, a faint odor and a screening level of 2.7 ppm was observed. Additionally, to evaluate potential contamination within the building footprint, 38 screening samples collected contained 0.0 ppm w/ no olfactory or visual presence of contamination.

Action Date:	8/24/2011
Action:	Potentially Responsible Party/State Interest Letter
DEC Staff:	Grant Lidren
Description:	

On this date, ADEC sent a letter to the RP, USCG, notifying them that the management of the site has been transferred to the ADEC Federal Facilities Environmental Restoration Program.

Action Date:	9/15/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.						
Action Date:		6/24/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the scoping letter and preliminary project drawings for the Kodiak Airport Rehabilitation Project and submitted general review comments to the Alaska Department of Transportation and Public Facilities.						
Action Date:		7/29/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the revised draft 2021 Kodiak Airport Perimeter Fence Project Environmental Management Plan and submitted review comments to the ADOT&PF and USCG.						

18	1 of 1	SSW	0.43 / 2,268.11	122.04 / 58	BUSKIN BCH-KODIAK ISL KODIAK ISLAND AK	
FUDS Property No:		F10AK0902				
EMS Map Link:		https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=62175				
FUDS INST ID:		AK09799F710200				
Status:						
SDS ID:						
NPL Status Code:		Not on the NPL				
Eligibility:		Eligible				
Site Eligib:						
Current Owner:						
Has Project:		Yes				
DOD FUDS Pro:						
Project Required:		Yes				
No Further Action:						
Congressional District:		00				
EPA Region:		10				
County:		KODIAK ISLAND BOROUGH				
Latitude:		57.747529				
Longitude:		-152.517857				
Fiscal year:		2019				
USACE Division:		POD				
USACE District:		Alaska District (POA)				
Shape Area:		.00150309				
Shape Len:		.34745875				
Centroid Latitude:						
Centroid Longitude:						
Media ID:						
Metadata ID:						
Feature Desc:						
Property History:		The Buskin Beach site was acquired in 1939 for the Department of the Navy by Executive Order 8278. Buskin Beach was the site of Fort Greely until 1952. Buskin Beach was transferred to the Bureau of Land Management (BLM) in 1975 for selection by Native co				

19	1 of 1	N	0.44 / 2,335.51	63.12 / -1	Kodiak Old Navy Landfill Kodiak AK	
Site ID:		2013				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Latitude:	57.762092
Longitude:	-152.514031

ADEC - SWIMIS

No:		Expire Date:	
Status:	Retired	Manager:	Carrie Hallinan
Permit Status:		City:	UNKNOWN
Category:	Municipal	Zip:	
Classification:	Class I Landfill	Address 2:	
Issue Date:			
Mrts:			
Address 1:			

ADEC Open Data - Solid Waste Sites

Auth No:		Email:	
Site Status:	Retired	City:	UNKNOWN
Classification:	Class I Landfill	State:	ALASKA
Permit Status:		Zip Code:	
Employee:	Carrie Hallinan	X:	-152.514010089537
Phone Work:		Y:	57.7620904603434
Organization:	?		
Address 1:			
Address 2:			
SWIMS Link:	http://dec.alaska.gov/Applications/EH/SWIMS/ModFacility.aspx?siteId=2013		

20	1 of 2	ESE	0.45 / 2,384.15	75.40 / 11	ADFG - Kodiak Airport State Airport, Kodiak, Kodiak, AK 99615 AK	SHWS

Hazard ID:	24666	Latitude:	57.750739
Status:	Cleanup Complete	Longitude:	-152.503853
File ID:	2601.26.003	Horizontal Datum:	WGS84
Staff:	No Longer Assigned, 9074655229 dec.icunit@alaska.gov		
Comments:			

Last staff assigned was English.

Action Information

Action Date:	2/11/1998
Action:	Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff:	* Not Assigned
Description:	

Action Date:	2/11/1998
Action:	Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff:	* Not Assigned
Description:	

LUST Site created in CSP for source area ID 77167

Action Date:	2/11/1998
Action:	Site Added to Database
DEC Staff:	* Not Assigned
Description:	

Action Date:	3/4/1998
Action:	Site Closure Approved

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff: * Not Assigned
Description:

Action Date: 11/30/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.003 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 9/17/2015
Action: Update or Other Action
DEC Staff: Paul Horwath
Description:

Lat/long collected and verified using CS Internal ArcGIS.com web map (PH)
Entered correct Lat/Long into database: 57.750739 -152.503853

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

20	2 of 2	ESE	0.45 / 2,384.15	75.40 / 11	ADFG - Kodiak Airport State Airport, Kodiak Kodiak AK 99615	LUST

Facility ID:		Archived Rcrd Key:	1998250000803
Hazard ID:	24666	Site Type:	Unknown
Spill Date:		Latitude:	57.750739
Status:	Cleanup Complete	Longitude:	-152.503853
LUST Event ID:	1501	Borough:	Kodiak Island
CS or LUST:	LUST	Staff:	No Longer Assigned
File No:	2601.26.003	Horizontal Datum:	WGS84
Land Owner:	ADF&G - Alaska Department of Fish & Game		
Data Source:	SPAR Online Services - Contaminated Sites / UST Database		
Comments:			

Last staff assigned was English.

Action Information

Action Date: 2/11/1998
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	2/11/1998
Action:	Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff:	* Not Assigned
Description:	

LUST Site created in CSP for source area ID 77167

Action Date:	2/11/1998
Action:	Site Added to Database
DEC Staff:	* Not Assigned
Description:	

Action Date:	3/4/1998
Action:	Site Closure Approved
DEC Staff:	* Not Assigned
Description:	

Action Date:	11/30/2004
Action:	Update or Other Action
DEC Staff:	Alyce Hughey
Description:	

File number 2601.26.003 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date:	9/17/2015
Action:	Update or Other Action
DEC Staff:	Paul Horwath
Description:	

Lat/long collected and verified using CS Internal ArcGIS.com web map (PH)
Entered correct Lat/Long into database: 57.750739 -152.503853

Containment Information

Name:	
Media:	
Level Description:	
Comments:	For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type:	No ICs Required
Details:	

Requirements

Description:	Advance approval required to transport soil or groundwater off-site.
Details:	

21	1 of 3	NNW	0.49 / 2,579.71	62.45 / -2	USCG - Navy Landfill/Red Lk. Site 2 Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	SHWS
Hazard ID:	527			Latitude:	57.762643	
Status:	Active			Longitude:	-152.515663	
File ID:	2601.38.072			Horizontal Datum:	WGS84	
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov					
Comments:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Chlorinated solvents in Red Lake leachate. The lake and leachate attenuated to below cleanup levels in the late 1980's. The lake and effluent currently exceeds the water quality criteria for iron and manganese. There is a red precipitate on the substrate that is unsightly most likely from the iron precipitating out of solution (2006). (11/99) Chlorinated solvents are no longer an issue at the site. The effluent from Red Lake and nearby monitoring wells exceed Chapter 75 Table C values for lead and iron. Visual water quality criteria are also exceeded (red color of effluent precipitate). The landfill was regraded with ~7,000 cubic yards of thermally treated soil in September 1999 to reduce surface water infiltration. Last staff assigned were Patrick-Riley, Sundet, Seagren, and Brownlee.

Action Information

Action Date: 5/20/2004
Action: Proposed Plan
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a draft final decision document for the Old Navy Landfill FUDS on Kodiak Island. The site is on Coast Guard property near the airport. Interim remedial actions have recontoured the surface cover and added soil to the cap to prevent ponding and decrease permeability. The remedy is no further remedial action planned with institutional controls and monitoring. A small lake known as Red Lake is adjacent to the landfill. The lake and drainage exceed surface water criteria for manganese and iron. The red color in the lake has been assumed to be caused from contribution from the landfill although data shows the upgradient groundwater monitoring wells to have higher iron concentrations than the downgradient wells. According to a local biologist there is no fish habitat in the lake or drainage. The drainage flows to the Buskin River after a short of run of about 400 yards. A risk screening concluded that implementing the cap improvements and IC's should adequately protect human health and the environment

Action Date: 9/22/2004
Action: Update or Other Action
DEC Staff: Aggie Blandford
Description:

File number issued 2601.38.072

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in USCG Land Use Control Assurance Plan.

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 7/12/2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Exposure Tracking Model Ranking
DEC Staff:
Description:

Initial Ranking Complete for Source Area: 71506 (Autogenerated Action)

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Chlorinated solvents.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 227.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: No Longer Assigned
Description:

A RCRA Facility Investigation/Corrective Measures Study (SAIC) was performed in 1994. Included a risk assessment.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Supplemental Data Collection effort of existing monitoring wells and area surface waters. Two upgradient wells installed. Landfill surface regraded and contoured with about 7,000 cubic yards of thermally treated soil from the Nyman TDU operation.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date: 4/29/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Staff reviewed a draft proposed plan for this former Navy dumpsite. The landfill was resurfaced, contoured and vegetated in 2000. The landfill is adjacent to a pond called Red Lake that is on the 303D impaired water body list for iron and manganese. The lake has a bright orange-red color that has been attributed to iron contribution from the landfill. The monitoring well data however show that the levels of iron are higher going into the landfill than leaving it. Staff is coordinating with Solid Waste and Water Quality to see if they have issues with the plan.

Action Date: 3/9/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting with the EPA and Coast Guard concerning future monitoring plans for the Old Navy Landfill/Red Lake FUDS. The Coast Guard would like to delist Red Lake from the ADEC impaired water bodies list, however the EPA and Water Quality Section would like to see more groundwater and sediment data (arsenic, iron, manganese) to help support the argument that there is not a continuing contribution from the landfill

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 4/19/2012
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC conducted a site visit with representatives from the Army Corps of Engineers, EPA, and the USCG to visually assess the conditions of the landfill and the highly mineralized leachate running out. The group loosely discussed possible paths forward which were also discussed at length during the January 2012 annual Kodiak USCG and FUDS project delivery team meeting.

Action Date: 9/25/2018
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.

Action Date: 3/13/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Action Date: 3/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill Site 1, and Building A-711.

Action Date: 6/4/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.

Action Date: 9/5/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 7/17/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received the draft first and second quarterly monitoring reports from the Army Corps of Engineers for the 2017-18 Addendum Remedial Investigation, Monitoring, and Revised Risk Assessment work plan in late 2018 and early 2019. ADEC completed its review of the quarterly technical memorandums and participated in a technical project delivery team review and status update of the completed work and prospective draft RI report.

Action Date: 8/20/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

Action Date: 1/29/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.

Action Date: 3/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.

Action Date: 4/3/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		6/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.						
Action Date:		6/12/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.						
Action Date:		8/5/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed the 2020 1st Quarter Monitoring Report for the USCG Landfill Site 1, which is also designated under the ADEC file number 2601.38.015.						
Action Date:		8/12/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.						
Action Date:		3/16/2021				
Action:		CERCLA RI Report Approved				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the final 2020 Site Monitoring Report (Supplemental Addendum Remedial Investigation work for Groundwater, Stream, Background Sampling and Ecoscoping), and submitted a final approval letter to the Army Corps of Engineers.						
Action Date:		8/14/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed the Army Corps of Engineers' responses to comments on the draft 2019 Monitoring Report and submitted review determinations and approvals to USACE to finalize the report.						
Action Date:		8/20/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.

Action Date: 3/23/2021
Action: Report or Workplan Review - Other
DEC Staff: Cascade Galasso-Irish
Description:

ADEC reviewed and submitted comments on the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated February 21. Activities in this work plan included the installation of five additional monitoring wells and two rounds of groundwater sampling at 18 total monitoring wells to further delineate contamination in soil and groundwater at the Kodiak Navy Landfill site.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date: 8/10/2021
Action: Report or Workplan Review - Other
DEC Staff: Cascade Galasso-Irish
Description:

RTC and redline for the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated July 2021, received on July 27, 2021. PM reports the structures at the Kenai Electric Association are storage conex's and a control house containing relays, batteries and other electrical components. When workers do enter, they are only inside for minutes at a time, and therefore there are no occupied structures within the Navy Landfill FUDS Project boundary and the vapor intrusion pathway is incomplete. All other comments were incorporated into the report and a final document was requested from the Army on August 9, 2021.

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Included in USCG Land Use Control Assurance Plan.

Requirements

Description: Surface water monitoring
Details: The landfill is adjacent to Red Lake. Annual visual monitoring for problems. Lake exceeds water quality standards for iron and manganese.

Description: Maintenance / Inspection Of Engineering Controls
Details: Annual inspections of fencing and top cover.

21	2 of 3	NNW	0.49 / 2,579.71	62.45 / -2	USCG - Navy Landfill/Red Lk. Site 2 Anton Larson Bay Road, North of ADOT Building, Kodiak, AK 99619 AK	INST

Hazard ID: 527
Status: Active
File ID: 2601.38.072
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Latitude: 57.762643
Longitude: -152.515663
Horizontal Datum: WGS84
Comments:

Chlorinated solvents in Red Lake leachate. The lake and leachate attenuated to below cleanup levels in the late 1980's. The lake and effluent currently

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

exceeds the water quality criteria for iron and manganese. There is a red precipitate on the substrate that is unsightly most likely from the iron precipitating out of solution (2006). (11/99) Chlorinated solvents are no longer an issue at the site. The effluent from Red Lake and nearby monitoring wells exceed Chapter 75 Table C values for lead and iron. Visual water quality criteria are also exceeded (red color of effluent precipitate). The landfill was regraded with ~7,000 cubic yards of thermally treated soil in September 1999 to reduce surface water infiltration. Last staff assigned were Patrick-Riley, Sundet, Seagren, and Brownlee.

Action Information

Action Date: 8/17/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Chlorinated solvents.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 227.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: No Longer Assigned
Description:

A RCRA Facility Investigation/Corrective Measures Study (SAIC) was performed in 1994. Included a risk assessment.

Action Date: 11/30/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Supplemental Data Collection effort of existing monitoring wells and area surface waters. Two upgradient wells installed. Landfill surface regraded and contoured with about 7,000 cubic yards of thermally treated soil from the Nyman TDU operation.

Action Date: 12/20/2000
Action: Site Number Identifier Changed
DEC Staff: No Longer Assigned
Description:

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date: 4/29/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Staff reviewed a draft proposed plan for this former Navy dumpsite. The landfill was resurfaced, contoured and vegetated in 2000. The landfill is adjacent to a pond called Red Lake that is on the 303D impaired water body list for iron and manganese. The lake has a bright orange–red color that has been attributed to iron contribution from the landfill. The monitoring well data however show that the levels of iron are higher going into the landfill than leaving it. Staff is coordinating with Solid Waste and Water Quality to see if they have issues with the plan.

Action Date: 6/4/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.

Action Date: 9/5/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 5/20/2004
Action: Proposed Plan
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a draft final decision document for the Old Navy Landfill FUDS on Kodiak Island. The site is on Coast Guard property near the airport. Interim remedial actions have recontoured the surface cover and added soil to the cap to prevent ponding and decrease permeability. The remedy is no further remedial action planned with institutional controls and monitoring. A small lake known as Red Lake is adjacent to the landfill. The lake and drainage exceed surface water criteria for manganese and iron. The red color in the lake has been assumed to be caused from contribution from the landfill although data shows the upgradient groundwater monitoring wells to have higher iron concentrations than the downgradient wells. According to a local biologist there is no fish habitat in the lake or drainage. The drainage flows to the Buskin River after a short of run of about 400 yards. A risk screening concluded that implementing the cap improvements and IC's should adequately protect human health and the environment

Action Date: 9/22/2004
Action: Update or Other Action
DEC Staff: Aggie Blandford
Description:

File number issued 2601.38.072

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 7/12/2007
Action: Exposure Tracking Model Ranking
DEC Staff:
Description:

Initial Ranking Complete for Source Area: 71506 (Autogenerated Action)

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 3/9/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting with the EPA and Coast Guard concerning future monitoring plans for the Old Navy Landfill/Red Lake FUDS. The Coast Guard would like to delist Red Lake from the ADEC impaired water bodies list, however the EPA and Water Quality Section would like to see more groundwater and sediment data (arsenic, iron, manganese) to help support the argument that there is not a continuing contribution from the landfill

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 4/19/2012
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC conducted a site visit with representatives from the Army Corps of Engineers, EPA, and the USCG to visually assess the conditions of the landfill and the highly mineralized leachate running out. The group loosely discussed possible paths forward which were also discussed at length during the January 2012 annual Kodiak USCG and FUDS project delivery team meeting.

Action Date: 9/25/2018
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.

Action Date: 3/13/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Action Date: 7/17/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received the draft first and second quarterly monitoring reports from the Army Corps of Engineers for the 2017-18 Addendum Remedial Investigation, Monitoring, and Revised Risk Assessment work plan in late 2018 and early 2019. ADEC completed its review of the quarterly technical memorandums and participated in a technical project delivery team review and status update of the completed work and prospective draft RI report.

Action Date: 8/20/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

Action Date: 1/29/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Pre-construction Geotech. and Environmental Sampling and Analysis Plan for the Buskin waterline construction project and submitted comments to the USCG.

Action Date: 3/16/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill Site 1, and Building A-711.

Action Date: 3/31/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning teleconference with project delivery team members from the US Environmental Protection Agency-RCRA, US Army Corps of Engineers Civil Division, and the US Coast Guard and their respective contracted technical support and field implementation teams to plan and discuss the development and site management requirements for the prospective draft 2020 Buskin River USCG Waterline Construction project.

Action Date: 4/3/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Temporary Water Use Authorization Permit and the draft 2020 Dewatering Permit (Notice of Intent and Best Management Practices), in support of the US Coast Guard's planned Buskin River Waterline Construction project, and submitted comments to SOA Dept. of Natural Resources and the SOA Dept. of Environmental Conservation - Div. of Water respectively.

Action Date: 4/15/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		6/4/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan and submitted comments to the USCG and project delivery team representatives.						
Action Date:		6/12/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed responses to comments and revised redline draft final documents from the US Coast Guard for the draft 2020 USCG Buskin Waterline Construction Environmental Management Plan. ADEC submitted review determinations and approval to the USCG and project delivery team representatives to finalize the documents and to implement the work plan in the field.						
Action Date:		8/5/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed the 2020 1st Quarter Monitoring Report for the USCG Landfill Site 1, which is also designated under the ADEC file number 2601.38.015.						
Action Date:		8/12/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.						
Action Date:		8/14/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC received and reviewed the Army Corps of Engineers' responses to comments on the draft 2019 Monitoring Report and submitted review determinations and approvals to USACE to finalize the report.						
Action Date:		8/20/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft 2020 Monitoring Well Decommissioning and Replacement Work Plan and submitted comments to the USCG and its contracted technical support. ADEC participated in multiple rounds of additional comment submittals and comment resolution with representatives from the USCG, Army Corps of Engineers, EPA, and respective contracted technical support, and submitted final approval to the USCG to finalize the document and implement the work plan in the field.						
Action Date:		3/16/2021				
Action:		CERCLA RI Report Approved				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC reviewed the final 2020 Site Monitoring Report (Supplemental Addendum Remedial Investigation work for Groundwater, Stream, Background Sampling and Ecoscoping), and submitted a final approval letter to the Army Corps of Engineers.

Action Date: 3/23/2021
Action: Report or Workplan Review - Other
DEC Staff: Cascade Galasso-Irish
Description:

ADEC reviewed and submitted comments on the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated February 21. Activities in this work plan included the installation of five additional monitoring wells and two rounds of groundwater sampling at 18 total monitoring wells to further delineate contamination in soil and groundwater at the Kodiak Navy Landfill site.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Action Date: 8/10/2021
Action: Report or Workplan Review - Other
DEC Staff: Cascade Galasso-Irish
Description:

RTC and redline for the Monitoring Well Installation and Groundwater Monitoring Draft Work Plan, dated July 2021, received on July 27, 2021. PM reports the structures at the Kenai Electric Association are storage conex's and a control house containing relays, batteries and other electrical components. When workers do enter, they are only inside for minutes at a time, and therefore there are no occupied structures within the Navy Landfill FUDS Project boundary and the vapor intrusion pathway is incomplete. All other comments were incorporated into the report and a final document was requested from the Army on August 9, 2021.

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Included in USCG Land Use Control Assurance Plan.

Requirements

Description: Surface water monitoring
Details: The landfill is adjacent to Red Lake. Annual visual monitoring for problems. Lake exceeds water quality standards for iron and manganese.

Description: Maintenance / Inspection Of Engineering Controls
Details: Annual inspections of fencing and top cover.

21	3 of 3	NNW	0.49 / 2,579.71	62.45 / -2	USCG - Navy Landfill/Red Lk. Site 2 Anton Larson Bay Road Kodiak AK 99619	ENG

Hazard ID: 527
Status: Active
Site Name: USCG - Navy Landfill/Red Lk. Site 2
Staff: Curtis Dunkin
Horizontal Datum: WGS84

22	1 of 1	NE	0.54 / 2,838.98	63.23 / -1	USCG Kodiak D-17 Nemetz Housing Barometer Avenue and Alyeska Avenue, west of Lake Louise,	SHWS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Kodiak, AK 99615
AK

Hazard ID: 27620
Status: Active
File ID: 2601.38.125
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Latitude: 57.762615
Longitude: -152.504779
Horizontal Datum: WGS84

The former Nemetz Housing Facilities were demolished in 2008. In tandem with demolition activities, all associated heating oil tanks were removed. USTs were 1000-gallon tanks buried 3 feet bgs. A soil sampling report was conducted, and DRO was detected above the migration to groundwater cleanup level in one boring, which was near a previous tank location. Other borings were not correlated with tank locations, so further site characterization was requested. Site is the planned location of 46 residential units with utilities and play areas, to be built after cleanup is concluded.

Action Information

Action Date: 8/12/2021
Action: Site Added to Database
DEC Staff: Courtney Pegus
Description:

A new site has been added to the database

23	1 of 1	ENE	0.56 / 2,950.81	67.64 / 3	USFWS - Kodiak NWR Headquarters 1390 Buskin River Rd., , Kodiak, AK 99615 AK	SHWS

Hazard ID: 23209
Status: Cleanup Complete
File ID: 2601.26.044
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.79
Longitude: -152.40719
Horizontal Datum:

Last staff assigned was English. Contacts include: Kristine Provenzano, 907 786 3395, at 1011 E. Tudor Rd.: and Dick Munzo, Assistant Refuge Manager at 1390 Buskin River Road in Kodiak. Dept. staff requested the system be taken out of service and the product be removed. Last staff assigned were Halverson then Patrick-Riley.

Action Information

Action Date: 12/22/1992
Action: Update or Other Action
DEC Staff: * Not Assigned
Description:

NOR; Sent Notice of Release letter to USFW Service.

Action Date: 12/22/1992
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 76074 ADD; Petroleum contaminated soil.

Action Date: 12/22/1992
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 9/15/1993

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

LCAU; LUST corrective action underway.

Action Date: 10/8/1993
Action: Update or Other Action
DEC Staff: * Not Assigned
Description:

CAPR; Corrective action plan reviewed but not approved due to deficiencies. Requested adjustments and resubmittal.

Action Date: 1/15/1994
Action: Release Investigation
DEC Staff: * Not Assigned
Description:

SA2A; Revived/responded to a phase 2 site assessment report. Contamination present but below cleanup level.

Action Date: 1/15/1994
Action: Underground Storage Tank Site Characterization or Assessment
DEC Staff: * Not Assigned
Description:

SA1A; Revived/responded to a tank remval report and a release investigation report.

Action Date: 10/4/1994
Action: Leaking Underground Storage Tank Corrective Action Underway
DEC Staff: * Not Assigned
Description:

CAPR; Reviewed and approved Soil Removal and Disposal Work Plan and amendment for transportation of soils.

Action Date: 7/2/1996
Action: Site Closure Approved
DEC Staff: * Not Assigned
Description:

CLOS; Site closed. No further action required by ADEC at this time.

Action Date: 12/15/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number 2601.26.044 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

24	1 of 1	S	0.58 / 3,040.49	218.01 / 154	USCG Aviation Hill Bldg 17, Area M USCG Base Kodiak Aviation Hill, Kodiak, AK 99619 AK	SHWS

Hazard ID:	2097	Latitude:	57.746937
Status:	Active	Longitude:	-152.511542
File ID:	2601.38.049	Horizontal Datum:	NAD83
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

Excavated 1,550 cubic yards of 8,200 ppm diesel contaminated soil. Last staff assigned was Patrick-Riley.

Action Information

Action Date: 9/9/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RAPR - Remedial Action Plan Review (CS)). Reviewed a remedial action plan.

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Remedial action underway.

Action Date: 9/18/1995
Action: Update or Other Action
DEC Staff: Kent Patrick-Riley
Description:

(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Site added to database.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Site ranked. Score = 33.

Action Date: 6/21/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		7/17/2007				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Action Date:		4/21/2008				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Initial ranking with ETM completed.						
Action Date:		9/15/2016				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.						
Action Date:		8/22/2019				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC traveled to the USCG Base Station, Kodiak and participated in two full days (August 21-22, 2019) of site inspections and technical project team meetings with representatives from the EPA, USCG, and their respective contracted technical support.						
Action Date:		7/22/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.						
Action Date:		8/9/1995				
Action:		Preliminary Assessment Approved				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = SA1R - Phase I SA Review (CS/LUST)). Reviewed a phase 1 site assessment.						
Action Date:		8/17/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		9/9/1995				
Action:		Site Characterization Report Approved				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = SA2R - Phase II SA Review (CS)). Reviewed a phase 2 site assessment.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	1 of 1	WSW	0.60 / 3,159.69	285.01 / 221	BURMA ROAD KODIAK, SW. OF AK	FUDS
FUDS Property No:		F10AK0291				
EMS Map Link:		https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=55473				
FUDS INST ID:		AK09799F696100				
Status:						
SDS ID:						
NPL Status Code:		Not on the NPL				
Eligibility:		Eligible				
Site Eligib:						
Current Owner:						
Has Project:		Yes				
DOD FUDS Pro:						
Project Required:		Yes				
No Further Action:						
Congressional District:		00				
EPA Region:		10				
County:		KODIAK ISLAND BOROUGH				
Latitude:		57.738996				
Longitude:		-152.554713				
Fiscal year:		2019				
USACE Division:		POD				
USACE District:		Alaska District (POA)				
Shape Area:		.00029271				
Shape Len:		.14129812				
Centroid Latitude:						
Centroid Longitude:						
Media ID:						
Metadata ID:						
Feature Desc:						
Property History:		This road is within lands withdrawn for the Kodiak Naval Station from the Bureau of Land Management by Executive Order 8278 dated 28 October 1939, as amended (no acreage provided). An additional 6,269.7 acres were withdrawn by Public Land Order 1949 on 1				

26	1 of 1	SSE	0.63 / 3,342.79	194.08 / 130	USCG Aviation Hill Bldg 15, Area A Aviation Hill, Kodiak, AK 99619 AK	SHWS
Hazard ID:		2096		Latitude:		57.746389
Status:		Active		Longitude:		-152.508333
File ID:		2601.38.048		Horizontal Datum:		WGS84
Staff:		Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov				
Comments:						
Excavated 375 cubic yards of 1,500 ppm diesel contaminated soil. Last staff assigned was Patrick-Riley.						
<u>Action Information</u>						
Action Date:		8/9/1995				
Action:		Preliminary Assessment Approved				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = SA1R - Phase I SA Review (CS/LUST)). Reviewed a phase 1 site assessment.						
Action Date:		8/17/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		9/9/1995				
Action:		Site Characterization Report Approved				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = SA2R - Phase II SA Review (CS)). Reviewed a phase 2 site assessment.						
Action Date:		9/9/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RAPR - Remedial Action Plan Review (CS)). Reviewed a remedial action plan.						
Action Date:		9/18/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RAU - Remedial Actions Underway (General)). Remedial action underway.						
Action Date:		9/18/1995				
Action:		Update or Other Action				
DEC Staff:		Kent Patrick-Riley				
Description:						
(Old R:Base Action Code = RECN - Site Reconnaissance (CS)). Site reconnaissance.						
Action Date:		11/9/1995				
Action:		Site Added to Database				
DEC Staff:		Kent Patrick-Riley				
Description:						
Site added to database.						
Action Date:		11/28/1995				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Kent Patrick-Riley				
Description:						
Site ranked. Score = 22.						
Action Date:		6/21/2004				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
File number assigned and entered into the Fileroom DB and CS DB.						
Action Date:		7/16/2007				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Action Date:		4/21/2008				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Initial ranking with ETM completed.						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date:	9/15/2016
Action:	Site Visit
DEC Staff:	Curtis Dunkin
Description:	

ADEC Contaminated Sites program staff conducted site visits and inspections of the contaminated sites which are located on the USCG Base Kodiak between September 15-16, 2016.

Action Date:	8/22/2019
Action:	Site Visit
DEC Staff:	Curtis Dunkin
Description:	

ADEC traveled to the USCG Base Station, Kodiak and participated in two full days (August 21-22, 2019) of site inspections and technical project team meetings with representatives from the EPA, USCG, and their respective contracted technical support.

Action Date:	7/22/2020
Action:	Meeting or Teleconference Held
DEC Staff:	Curtis Dunkin
Description:	

ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.

27	1 of 1	N	0.64 / 3,379.85	69.31 / 5	Kodiak - Buskin Beach Bldg A-141 ~0.25 Mile E of Anton Larson Bay Road; ~0.5 Mile N of Old Tom Stiles Road Intersection, Kodiak, AK 99615 AK	SHWS

Hazard ID:	26444	Latitude:	57.764971
Status:	Active	Longitude:	-152.513368
File ID:	2601.38.118	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		
Comments:			

The U.S. Navy used Buskin Beach and the surrounding area from 1939 to 1975 as part of the Kodiak Naval Station Reservation. Fort Greely, the Army Garrison on Kodiak Island, was located on 4,583 acres within the Naval Station Reservation boundary. The U.S. Army occupied the area until Fort Greely was moved to Delta Junction, Alaska on July 1, 1952, and the facilities were transferred to the Navy.

Building A-141 is one of four sites that make up the greater Buskin Beach Formerly Used Defense Site; the other three associated sites are Swampy Acres, Lube Pits, and Asphalt Disposal Area. The Building A-141 site is located within the boundaries of the 26,000-acre U.S. Coast Guard (USCG) Integrated Support Center on Kodiak Island, Alaska. During the 1998 IRA at the Building A-141 site, two 4,000-gallon concrete underground storage tanks (UST) were closed in place due to the large volume and weight of the concrete. During subsequent soil excavation activities, as part of the 2008 IRA, free product was observed floating on the exposed water table surrounding parts of the UST vault as well as underneath the concrete underground storage tank (UST) within the excavation area. Accessing this soil was not possible without first removing the UST; therefore, it was not removed. The saturated soil continues to be the source of associated groundwater contamination.

Action Information

Action Date:	3/16/2020
Action:	Report or Workplan Review - Other
DEC Staff:	Curtis Dunkin
Description:	

ADEC reviewed the draft 2020 Navy Landfill Remedial Investigation Addendum and Monitoring Report and submitted comments to the US Army Corps of Engineers. This effort also included site reconnaissance, visual inspection, and monitoring well inventories associated with Buskin Beach Building A-141, USCG Landfill-Site 1, and Building A-711.

Action Date:	3/18/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2019 Phase II Remedial Investigation Report and submitted comments to the US Army Corps of Engineers.

Action Date: 4/8/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Coast Guard, Natives of Kodiak, and US Bureau of Land Management.

Action Date: 6/10/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received and reviewed responses to comments from the Army Corps of Engineers (USACE) for the draft 2019 Phase II Addendum Remedial Investigation Report. ADEC submitted review determinations and additional comments to USACE on the draft report.

Action Date: 8/10/2020
Action: CERCLA RI Report Approved
DEC Staff: Curtis Dunkin
Description:

ADEC completed its review and acceptance of additional responses to comments and proposed revisions to the draft 2019 Phase II RI Report, and submitted review determinations and approval for the Army Corps of Engineers to finalize the report.

Action Date: 8/11/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all four Kodiak Buskin Beach and the Burma Road Formerly Used Defense Sites.

Action Date: 9/3/2015
Action: Site Added to Database
DEC Staff: Mitzi Read
Description:

A new site has been added to the database

Action Date: 3/6/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed EPA's draft 2017 Natives of Kodiak Redevelopment Area Phase I Environmental Assessment Report and submitted its comments to the EPA.

28	1 of 1	SE	0.79 / 4,145.59	107.40 / 43	USCG Kodiak Drury Gulch, Site 18 Rezanof Highway, ~3 Miles South of Kodiak, Kodiak, AK 99619 AK	SHWS
Hazard ID:	528			Latitude:	57.744997	
Status:	Active			Longitude:	-152.503548	
File ID:	2601.38.026			Horizontal Datum:	WGS84	
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Comments:

Site was used by the Navy from 1939 to 1975 as a disposal area - primarily metals debris. A debris removal was done by the COE in 1985. Possible disturbance of contaminated soils occurred during this removal. PCBs, cadmium, lead and chromium were detected in soil at levels above regulatory levels in a 1993 USCG investigation. Two investigations in 1999 detected higher levels of PCB in two areas (987 mg/kg and 103,000 mg/kg). An investigation and removal action will continue during the 2000 field season. Volume of soil estimated to be above regulatory criteria for PCBs is unknown. A risk assessment was performed in 2003. An intermittent drainage flows through the gulch and it appears some PCB transport has occurred with sediment movement. EPA ID# AK9690330742. In RCRA file system. Also listed in CERCLIS file system under USDOT CG Kodiak Sanitary Landfill USCG Support Center. Hazardous waste activities: generator 1, transporter, disposer, burns HW fuel in burner. Attempts to enter Consent Order with Coast Guard have been unsuccessful. Last staff assigned were Roberts, Schwenne, Patrick-Riley, Seagren, and Brownlee.

Remedial action was implemented in 2004 and continues through 2006. Soil concentrations of PCB over 10 mg/kg are being removed and disposed off island. A 2-foot plus vegetated soil cap is being placed over the footprint of historic disturbance in the gulch. The site will have institutional controls and land use restrictions.

Action Information

Action Date: 11/2/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects

Action Date: 11/20/2007
Action: Exposure Tracking Model Ranking
DEC Staff:
Description:

Initial Ranking Complete for Source Area: 71507 (Autogenerated Action)

Action Date: 3/13/2008
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed and commented on a draft work plan for continued remedial action at the Drury Gulch Formerly Used Defense Site (FUDS) on Kodiak Island. Soils impacted with PCBs above 10 mg/kg are being removed and disposed off island. There are about 2,400-tons estimated to be removed and disposed off island. An approximate 2,000-foot drainage channel will be backfilled and re-excavated parallel to the original. The low concentrations of PCB in sediment in the channel are then considered soil and don't have to be removed. All disturbed areas in the gulch and drainage channel will be covered with a minimum of 2.5-feet of clean soil

Action Date: 6/7/2018
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received the responses to comments from the Army Corps of Engineers on May 1, 2018 for the comments which ADEC submitted on August 17, 2017 for the draft Addendum SAP. ADEC requested a comment resolution meeting with USACE and the project delivery team and submitted summary review determinations on the responses to comments.

Action Date: 11/7/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received final documents from the Army Corps of Engineers that included semi-annual post-remedial action inspection reports, maintenance reports, and post-storm event inspection reports associated with the Drury Gulch site management activities that had occurred within the 2015-16 and 2016-17 timeframes. Prior to receiving the final documents, ADEC conducted numerous document reviews, comment submittals and response

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

determinations, and also participated in numerous technical planning and resolution meetings with project team delivery agency representatives from the USACE, USCG, and EPA for the multiple projects. Site maintenance, monitoring, and remedial optimization by the USACE-FUDS program is ongoing.

Action Date: 8/19/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information

Action Date: 4/2/2008
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a comment resolution meeting for work this summer at the Drury Gulch Formerly Used Defense Site on Kodiak Island. The Corps of Engineers is administering the contract to cleanup the former Navy disposal site that is impacted with PCBs. There is an estimated 2,000-tons of impacted soil left to remove which has been running about 1/3 TSCA (soil with samples over 50 mg/kg). The COE is using immunoassay test kits to drive excavation and agreed to do an upfront correlation test to check the confidence of the screening performance. In addition to the soil removal a 2,000-foot drainage ditch with be covered and another one dug parallel to eliminate PCB is sediment in the current ditch. All disturbed areas will then be covered with 2.5-feet of cover material, graded and revegetated

Action Date: 5/20/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Action Date: 9/29/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several Formerly Used Defense Sites on Kodiak. The Drury Gulch site is currently being excavated and remediated by hot spot excavation and off-site disposal. The EPA, Coast Guard and DEC have ongoing concern with the storm water prevention measures that are being used at the site. There are several areas with fines exposed that have produced visible turbidity leaving the site during rain events while equipment is moving. We are discussing ways to eliminate this runoff by not working during rain events or demobing for the season and preparing the excavations for winter by placing geofabric and clean fill

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 1/19/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contaminated Sites staff reviewed a water quality compliance document produced by the Corps of Engineers to clarify the regulatory criteria for storm water discharge from the Drury Gulch PCB site. The EPA and Coast Guard also were involved in the regulatory interpretation for the site. During construction of the remedial design the surface water criteria will be held to drinking water standards of 0.5 parts per billion PCBs at the site boundary. A level of 0.03 parts per billion PCBs will be held at the end of the storm drain which is an ecological benchmark for marine waters

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 4/19/2012
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC conducted a site visit and inspection during the sediment sampling effort conducted in the airport drainage system which is down gradient of Drury Gulch and flows and discharges to Womens Bay.

Action Date: 9/30/2015
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

CS staff conducted a site inspection to observe the site status and condition as well as the extent of damage to the stormwater drainage system resulting from several significant storm events over the past year. Staff walked and inspected the adjacent drainage systems associated with Drury Gulch and evaluated potential rerouting solutions. Also present on the site inspection were representatives from the Army Corps of Engineers, the EPA, and the USCG.

Action Date: 11/3/2015
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

CS staff reviewed the draft 2013-14 Drury Gulch Post Removal Action Report and submitted comments to the Army Corps of Engineers. The draft report summarized the maintenance and storm event inspection activities which occurred during the May 2013-April 2014 monitoring period.

Action Date: 2/17/2016
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC Contaminated Sites staff reviewed the draft 2015 Drury Gulch 2014-15 Post Removal Action Annual Report and submitted comments to the Corps of Engineers.

Action Date: 8/17/2017
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2017 Drury Gulch Addendum Sampling and Analysis Work Plan and submitted review comments to the Army Corps of Engineers.

Action Date: 6/17/2005
Action: Meeting or Teleconference Held
DEC Staff: No Longer Assigned
Description:

Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.

Action Date: 9/25/2018
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.

Action Date: 1/30/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2015-16 Drury Gulch Post-Remedial Action Report and submitted comments to the Corps of Engineers.

Action Date: 3/13/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Action Date: 4/10/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received the draft 2019 Drury Gulch/Rezanof Hwy. Rehabilitation Construction SAP from the ADOT&PF. ADEC submitted an action request letter to the Army Corps of Engineers requesting they conduct an internal technical evaluation of the anticipated and potential impacts to the CERCLA remedy at Drury Gulch that could result from ADOT&PF's planned construction activities and to provide the Kodiak Army/Navy stakeholders with a written summary of the evaluation.

Action Date: 5/23/2003
Action: Cleanup Plan Approved
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a workplan for remedial action at the Drury Gulch FUDS site on Kodiak Island. The six acre site is contaminated with PCBs in soil and sediment. The preferred remedy is hot spot removal of concentrations over 10 mg/kg PCB, capping all historically disturbed areas with a 2.5-foot soil cap, and institutional controls. The drainage ditch that drains the site has PCB concentrations in sediment up to 3 mg/kg. The ditch will be backfilled with clean soil. A new drainage ditch will be excavated parallel to the existing one. Previous investigations have identified 42 surface soil areas and five subsurface soil area that will require excavation and off-site disposal (Oregon). The removal strategy is to remove 200 cubic feet (10' x 10' x 2' deep) of soil around previously detected hot spots. The excavation will then be screened at nine locations with immunoassay test kits with both discrete and composite sampling. Screening levels that indicate concentrations approaching the cleanup criteria will be confirmed with laboratory sampling. Discrete samples will be collected at all grid point locations along with any composite sampling in case follow up screening or off site lab analysis is required.

Action Date: 6/6/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.

Action Date: 5/23/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2019 Drury Gulch/Rezanof Hwy. Rehabilitation Construction SAP and submitted comments to the Alaska Department of

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transportation.

Action Date: 8/12/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received responses to comments and revised final documents for the 2019 Drury Gulch/Rezanof Hwy. Rehabilitation Construction Sampling and Analysis Plan and submitted approvals to the Alaska Department of Transportation.

Action Date: 8/20/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

Action Date: 9/16/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC Reviewed the draft 2019 Soil Investigation Technical Memorandum and submitted review comments to the Army Corps of Engineers. in April, 2019. ADEC reviewed and participated in resolution with USACE regarding its respective responses; ADEC provided review determinations and approvals to revise and finalize the report.

Action Date: 6/19/2003
Action: Record of Decision
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed and approved a Decision Document for the Drury Gulch FUDS in Kodiak, Alaska. The preferred remedy for this six acre PCB site is soil hot spot removal over 10 mg/kg with a two-foot soil cap over all historically disturbed areas. A long-term monitoring plan and institutional control plan will be developed with the Coast Guard (land owner). The decision document outlines the general scope and objectives of both plans

Action Date: 8/14/2003
Action: Cleanup Plan Approved
DEC Staff: Jeff Brownlee
Description:

CS staff approved a cleanup plan for the Drury Gulch FUDS in Kodiak. This site is contaminated with PCBs in soil. The remedy will be to remove soils with PCB concentrations over 10 mg/kg for off-site disposal, cap the historically disturbed area with a 2-foot plus soil cap, and establish institutional controls to ensure the cap is not disturbed and remains in good shape in the future.

Action Date: 8/19/2003
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site land use controls and notification to DEC and COE in the case of soil disturbance. Site also included in the USCG Land Use Control Assurance Plan.

Action Date: 9/5/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 9/14/2006
Action: Update or Other Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 9/19/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 2/7/2003
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a draft final decision document for Drury Gulch. Drury Gulch is an approximately six acre site with sporadic PCB contamination in soil. An intermittent drainage runs through the gulch and into a drainage ditch about half a mile long. Some contaminant transport has occurred through sediment movement. The preferred remedy for is removal and off-site disposal of soil with concentrations over 10 mg/kg, a two-foot soil cap and institutional controls. The drainage ditch will be rerouted and the old one backfilled. The work is scheduled for this summer

Action Date: 4/3/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CSRP staff will be participating in a public meeting and Open House this week with the Corps of Engineers in Kodiak. The purpose of our participation is to introduce the Drury Gulch Proposed Plan. The preferred alternative is to excavate soil hot spots over 10 mg/kg PCB concentrations, cover the historically disturbed area with two-feet plus of cover and revegetate. The area will also be controlled through land use restrictions. The gulch is on Coast Guard property and the Land Management Plan will be modified to protect the gulch from future industrial use or development.

The Drury Gulch project was the topic of an article in the Kodiak Daily Mirror last week and the story was picked up by the Associated Press. The higher PCB concentrations mentioned in the article were removed off-island during a removal action three years ago.

Action Date: 9/18/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 6/17/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 3/5/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit

Action Date: 4/4/2003
Action: Proposed Plan
DEC Staff: Jeff Brownlee
Description:

CSRP staff will be participating in a public meeting and Open House this week with the Corps of Engineers in Kodiak. The purpose of our participation is to introduce the Drury Gulch Proposed Plan. The preferred alternative is to excavate soil hot spots over 10 mg/kg PCB concentrations, cover the historically disturbed area with two-feet plus of cover and revegetate. The area will also be controlled through land use restrictions. The gulch is on Coast Guard property and the Land Management Plan will be modified to protect the gulch from future industrial use or development. No comments were recieved.

The Drury Gulch project was the topic of an article in the Kodiak Daily Mirror last week and the story was picked up by the Associated Press. The higher PCB concentrations mentioned in the article were removed off-island during a removal action three years ago.

Action Date: 5/17/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a work plan and participated in a scoping meeting for continued remedial action at the Drury Gulch Formerly Used Defense Site (FUDS) in Kodiak. PCBs in soil over 10 mg/kg are being removed from the former Navy debris dump. A two foot soil cap is being installed over all disturbed areas, and an approximately 2000-foot drainage ditch will be realigned. Over the last two seasons about 10,000-tons of PCB contaminated soil has been removed about half being TSCA waste (over 50 mg/kg). About 3,000-tons of impacted soil is estimated to remain

Action Date: 3/2/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a Remedial Investigation/Feasibility Study for Drury Gulch near the Coast Guard Base on Kodiak Island. The Gulch was used a metals debris dump in the 1960s and 1970s by the Navy and Army. A debris cleanup in the late 1970s appears to have spread PCB contaminated soil over a large area (approximately 6 acres). Investigations show that about 8,000 cubic yards of soil are impacted with PCBs over 10 mg/kg. The RI/FS did not include historical data from three previous investigations, so the ADEC is requesting a rewrite of the draft to include all available data. The Feasibility Study was limited to three options, the preferred one being excavation and offsite disposal of soil with concentrations over 10 mg/kg and placing a two-foot cap over the site.

Action Date: 3/21/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting for a Draft RI/FS for Drury Gulch. This former metals dump has several thousand cubic yards of PCB impacted soil over 10 mg/kg. Attendees included the COE and their contractor, the U.S. Coast Guard and the EPA. Several concerns were addressed including the COE not using all available historical data for the Feasibility Study and that too few remedial alternatives were evaluated. Terrestrial ecological pathways were not adequately evaluated. The COE will issue a Draft Final for the cleanup teams review and concurrence prior to beginning work on the remedial design workplan.

Action Date: 6/19/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff observed a site investigation at Drury Gulch with the COE, Coast Guard and EPA. Seven test pits were advanced to help determine the amount of debris in the gulch. Auger refusals during a previous boring investigation led to suspicion that there was more debris than historical information suggested. Of seven test pits, six encountered substantial debris. The debris layer was generally about five to seven feet thick with two to three feet of overburden. The debris appeared to be sorted military industrial debris such and Quonset huts, truck parts, scattered drums, cable, piping and chain. The debris was intermixed with soil. The contaminant of concern at the gulch is PCBs. Composite samples of soil from the tailings of each test pit were taken for PCBs to characterize these soils as a possible waste stream. The Corps has been evaluating cleanup alternatives and was leaning towards excavation and treatment/disposal of all PCB contaminated soil (> 1 ppm in surface and > 10 ppm in subsurface) and then capping the site. However,

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the unexpectedly large volume of debris may make removal infeasible.

Action Date:	8/5/2002
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Staff met with the Corps of Engineers, COE contractor, US Coast Guard and the EPA to discuss planning for Drury Gulch. Based on a recent test pit investigation the team agreed that Drury Gulch was an unpermitted dump site and that groundwater-monitoring requirements have been met. Groundwater is not present in most areas of the gulch except for some sheet flow on bedrock during and after storm events. A schedule was agreed to finalize the RI/FS and prepare a Proposed Plan, public comment period and Record of Decision.

Action Date:	11/9/1995
Action:	Site Added to Database
DEC Staff:	Kent Patrick-Riley
Description:	

PCBs, cadmium, lead and chromium.

Action Date:	11/28/1995
Action:	Site Ranked Using the AHRM
DEC Staff:	Kent Patrick-Riley
Description:	

Site ranked. Score = 54.

Action Date:	2/22/2000
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Staff attended an interactive planning/comment resolution meeting with the COE, EPA, TSCA, and Coast Guard in Seattle. Discussion centered on cleanup levels, land use and institutional controls. Consensus was the site needed more characterization and the next step should be a feasibility study.

Action Date:	3/17/2000
Action:	Site Ranked Using the AHRM
DEC Staff:	Jeff Brownlee
Description:	

Reranked. Score = 165.

Action Date:	5/4/2001
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Staff participated in a Kodiak Island Borough assembly meeting and public open house in Kodiak. The Corps of Engineers and their contractor, Jacobs engineering also attended. Three potential new sites were inspected based on community input. Overall interest seemed light, which has been normal in Kodiak.

Action Date:	12/5/2001
Action:	Meeting or Teleconference Held
DEC Staff:	Jeff Brownlee
Description:	

Staff attended a comment resolution and scoping meeting for the Drury Gulch site. The Corps of Engineers and their contractor (Jacobs), the EPA and their contractor (Tetra Tech), the Coast Guard and the ADEC attended the meeting at the Coast Guard offices in Seattle. The comment resolution was for the RI/FS document. Comments on the document were minimal, however a decision was not made on the preferred remedy. To finalize the RI/FS the COE will need to produce a long-term monitoring plan, institutional control plan, perform a round of well sampling and complete the requested ecological screening work. The schedule for the proposed plan and record of decision was discussed as well as the possibility of doing an interim removal action this summer to take advantage of available funding.

Action Date:	9/20/2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed a draft proposed plan for Drury Gulch on Kodiak Island. The preferred remedy for the PCB contamination at the gulch is hot spot removal to <10 mg/kg, 2-feet plus soil cap, and institutional controls. The plan needed some editing and more discussion of alternative remedies, but otherwise looked good.						
Action Date:		11/22/2002				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff reviewed a draft decision document for Drury Gulch. The gulch is an approximately six acre site with sporadic PCB contamination in soil. An intermittent drainage runs through the gulch and into a drainage ditch about half a mile long. Some contaminant transport has occurred through sediment movement. The preferred remedy for is removal and off-site disposal of soil with concentrations over 10 mg/kg, a two-foot soil cap and institutional controls. The drainage ditch will be rerouted and the old one backfilled.						
The decision document has several deficiencies including omissions of previous field work, no maps or figures, and site information inconsistent with previous documents including the RI/FS and proposed plan. There was also no comparative analysis of alternatives. The EPA, Coast Guard and DEC have submitted comments and requested a rewrite of the draft document.						
Action Date:		4/2/2008				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in an update meeting for the Formerly Used Defense Sites on Kodiak Island. The Fire Training Pit, Drury Gulch, and Buskin Beach sites will be undergoing active remediation this summer. Environmental investigations will be performed at Building A-711, Buskin Beach and the Fire Training Pit. Proposed Plans are being produced this summer for Building A-711, Fire Training Pit, Asphalt Disposal Area and Buskin Beach and a closure report for an Underground Storage Tank cleanup at Bruhn Point. The spring open house and assembly meeting will be the end of May or early June						
Action Date:		5/22/2008				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed a geotechnical report concerning slope stability at a Formerly Used Defense Site (FUDS). The Drury Gulch site is actively being excavated of polychlorinated biphenyl impacted soils over 10 mg/kg. An portion of the excavation is against the toe of a steep slope and the Corps of Engineers was concerned that the slope above may destabilize and threaten the foundation of a building at the top of the hill. The investigation concluded that the intended soil removal should not destabilize the slope and the building is relatively safe						
Action Date:		7/17/2000				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Reviewed IRA work plan. Further PCB characterization work to be performed with approximately 95 surface samples and borings. A ecological assessment of the drainage to check for aquatic organisms will be done and a survey of terrestrial animals that may use the drainage.						
Action Date:		11/24/2000				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
ADEC and EPA jointly sent a letter to the COE detailing concerns about the approach to the remedial investigation and feasibility study. A few of the EPA and ADEC comments on the RI work plans have not been adequately addressed, a baseline risk assessment needs to completed, the feasibility study needs to be "non presumptive" and the remedy should be permanent, with no maintenance nor ICs.						
Action Date:		12/20/2000				
Action:		Site Number Identifier Changed				
DEC Staff:		No Longer Assigned				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Workplan changed from 09 to X9 to reflect correct oversight program.

Action Date: 4/29/2002
Action: Site Characterization Workplan Approved
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a workplan for an additional investigation at this former Navy disposal area on Kodiak Island. Drury Gulch has PCB contamination in soils over an approximately six-acre area and some impacts to sediment in a small drainage through the gulch. During previous investigations debris has been encountered during borings. The debris is inferred to be left from the original waste deposited in the gulch. Because of extensive soil reworking, a test pitting investigation will be performed to determine if soil below or around this debris contains PCBs over 10 mg/kg.

Action Date: 8/12/2008
Action: Site Visit
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site

Action Date: 1/22/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 6/29/2009
Action: Site Visit
DEC Staff: Brenton Porter
Description:

At the request of the project manager, a site visit was conducted to oversee workplan compliance at the Drury Gulch site, a FUDS site on Kodiak Island, in August of 2008. Through the interview process of site workers and consultants no deviations from the approved work plan were noted.

Action Date: 6/27/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

An Explanation of Significant Differences (ESD) was signed to amend the cleanup decision document for PCB contamination in Drury Gulch within the Kodiak Army/Navy Formerly Used Defense Site. During cleanup work in 2004, the volume of PCB contamination was found to be significantly larger than estimated in the original decision document. An additional ~8,000 tons of contaminated soil need to be addressed and the cost estimate has increased by ~\$4.5 million. The overall cleanup approach of excavating to < 10 mg/kg PCB, capping, rerouting a drainage channel and institutional controls has not changed.

Action Date: 8/30/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date: 1/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light

Action Date: 12/17/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC submitted preliminary review comments and status update requests from the Army Corps of Engineers on the implementation schedule and site management activities associated with the draft LTMMMP for the upcoming five-year action period beginning in December 2019. ADEC's preliminary comments on the prospective draft LTMMMP were also in conjunction with ADEC's prior and ongoing reviews of semi- and annual post-removal action inspection reports, maintenance reports, and winter 2019 storm event inspection reports that are associated with the post-removal action inspection and monitoring efforts that were conducted during the 2017-18 timeframe.

Action Date: 1/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light

Action Date: 6/1/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base

Action Date: 6/20/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed an after action report for the 2005 field work conducted at the Drury Gulch FUDS on Kodiak Island. Approximately 6,200 tons of PCB impacted soil was excavated for off-site disposal. Of this about half was over 50 mg/kg. The field season started with 18 separate excavations, but many of these merged over the summer. The excavations are being done on a five foot grid system with confirmation samples being taken on the corners. For every sample over 10 mg/kg a cube five-feet by five-feet by two feet deep is excavated, then resampled. The contractor anticipates finishing the project this field season. The Gulch will be capped with a two-foot plus cover and revegetated. The project is on Coast Guard property and will carry institutional controls

Action Date: 2/27/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2020 Long-term Maintenance and Management Plan intended for implementation in the next five-year management period and submitted review comments to the Army Corps of Engineers.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Action Date:		4/15/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.						
Action Date:		5/27/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in a technical planning meeting with representatives from USACE, EPA, and the USCG for the ongoing development and resolution of the draft 2020 LTMP.						
Action Date:		8/12/2020				
Action:		Meeting or Teleconference Held				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.						
Action Date:		8/24/2020				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the additional round of resolution responses to comments from the Army Corps of Engineers (USACE) for the draft 2029-20 Long-term Monitoring and Maintenance Plan. ADEC submitted a determination to USACE summarizing its acceptance of the responses and to finalize the plan.						
Action Date:		1/21/2021				
Action:		CERCLA ROD Periodic Review				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC completed and submitted its responses to the Army Corps of Engineers for the EPA CERCLA Interview Questionnaire in support of the third five-year review effort.						
Action Date:		3/9/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the draft January 2021 Environmental Risk Assessment Work Plan and submitted comments to the Army Corps of Engineers.						
Action Date:		3/17/2021				
Action:		Offsite Soil or Groundwater Disposal Approved				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the transport approval form submitted on behalf of the Alaska Dept. of Transportation for the offsite transport and disposal of 0.5 cubic yards of low-concentration PCB-contaminated soil that was removed from the lower stilling basin during the implementation of Alaska DOTP&F's Rezanof Drive Drury Gulch Culvert Rehabilitation Project in September, 2020. ADEC submitted approval to the field implementation team to dispose of the soil offsite.						
Action Date:		3/30/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ADEC reviewed the redline revised and final documents for the Final January 2021 Long-term Monitoring and Maintenance Plan and submitted a final approval letter to the Army Corps of Engineers to finalize and implement the plan in the field.

Action Date: 6/14/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date: 4/21/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the responses to comments on the draft 2021 Screening Level Ecological Risk Assessment and submitted review determinations and additional comments to the Army Corps of Engineers.

Action Date: 5/21/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed additional responses to comments on the draft 2021 Screening Level Ecological Risk Assessment and submitted review determinations and approval to the Army Corps of Engineers to finalize the work plan.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site included in the USCG Land Use Control Assurance Plan.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Land use restrictions. Inspection and corrective action plan, Notify DEC and COE of any subsurface activity.

29	1 of 1	ESE	0.82 / 4,347.59	60.59 / -4	USCG Kodiak Site #15 Peterson School UST ; , Kodiak, AK 99619 AK	SHWS
Hazard ID:	23420			Latitude:	57.747318	
Status:	Cleanup Complete - Institutional Controls			Longitude:	-152.496079	
File ID:	2601.26.049			Horizontal Datum:	NAD27	
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov					
Comments:						

Last staff assigned was Patrick-Riley. See CS database: USCG Kodiak Site 15 Peterson S. UST; 1988250915069 for additional site actions

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Information

Action Date: 5/29/1988
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: * Not Assigned
Description:

LUST Site created in CSP for source area ID 76226 ADD; LUST portion of site added to database. Release initially reported to ADEC in Kodiak-Bill Rieth on 2/22/94

Action Date: 5/29/1988
Action: Site Added to Database
DEC Staff: * Not Assigned
Description:

Action Date: 8/15/1994
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum
DEC Staff: * Not Assigned
Description:

LCAU; LUST corrective action underway.

Action Date: 8/17/1995
Action: Site Visit
DEC Staff: * Not Assigned
Description:

RECN; Site reconnaissance.

Action Date: 9/18/1995
Action: Site Visit
DEC Staff: * Not Assigned
Description:

RECN; Site reconnaissance.

Action Date: 11/17/1995
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

Conditional approval of plan to move soils to the Nyman Peninsula Bio Cell.

Action Date: 12/4/1995
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

USCG submits revised sampling plan for the Nyman Peninsula Bio Cell

Action Date: 12/5/1995
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

ADEC approval of plan and modifications of sampling and operations of the Nyman Peninsula Bio Cell.

Action Date: 5/9/1997
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
USCG submits Draft CMS work plan.						
Action Date:		7/8/1997				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
EPA submits technical review comments to USCG on draft CMS work plan						
Action Date:		7/21/1997				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
USCG submits response to EPA technical review comments of draft CMS work plan						
Action Date:		5/20/1998				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
USCG submits draft Phase I CMS						
Action Date:		8/24/1998				
Action:		Update or Other Action				
DEC Staff:		Alyce Hughey				
Description:						
EPA submits technical review comments to USCG on draft CMS report						
Action Date:		9/10/2002				
Action:		Underground Storage Tank Site Characterization or Assessment				
DEC Staff:		Alyce Hughey				
Description:						
Review CMS for site and discuss notification to USCG regarding using ADEC methods instead of EPA protocol due to non-signing of RCRA Permit by ADEC						
Action Date:		7/16/2003				
Action:		Report or Workplan Review - Other				
DEC Staff:		Donald Seagren				
Description:						
Reviewed draft Phase 2 CMS repoort. Coordinating comments with EPA/R10. Can possibly close out once question of 1940's UST is resolved. Recommended to USCG to either excavate to verify presence or conduct file search to find documentation on potential UST history.						
Action Date:		10/10/2003				
Action:		Conditional Closure Approved				
DEC Staff:		Donald Seagren				
Description:						
In coordination with EAP/R10, NFA issued. Closure upon MW abandonment and successful remediation of stockpiled soils. Recommended further investigation of possible 1940's UST.						
Action Date:		10/10/2003				
Action:		Institutional Control Record Established				
DEC Staff:		* Not Assigned				
Description:						
Action Date:		12/21/2004				
Action:		Update or Other Action				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DEC Staff: Alyce Hughey
Description:

File number 2601.26.049 assigned and entered into the Fileroom database and Leaking Underground Storage Tank database.

Action Date: 1/19/2017
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC Contaminated Sites staff reviewed the USCG's proposed site management plan for the construction of a new fire training facility within the area of the former fueling station that is located between the current Peterson School and the Kodiak Fire Department facility. ADEC submitted review comments and participated in a final planning/resolution meeting with the USCG. ADEC provided conditional approval of the USCG's proposed plan which involves avoiding the area of the suspected 1940's UST that requires further site characterization and potential removal action; and also conditional approval based upon the USCG's plan to not excavate deeper than several feet bgs and to also not excess soil and/or transport soil offsite. Additional conditions include stopping work and conferring with ADEC in the event gross contamination and/or suspected unknown contamination is encountered during the project. Construction is currently planned to be completed in 2017.

Action Date: 7/10/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Seattle, WA and participated in two days of technical planning and project status update and prioritization meetings with representatives from the US Coast Guard, US Environmental Protection Agency, and their respective contracted technical support.

Action Date: 8/22/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to the USCG Base Station, Kodiak and participated in two full days (August 21-22, 2019) of site inspections and technical project team meetings with representatives from the EPA, USCG, and their respective contracted technical support.

Action Date: 7/22/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.

Containment Information

Name: Benzene
Media: Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Name: DRO
Media: Soil/Soil
Level Description: Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Comments:

Control Information

Type: CS Database Notation And Letter To Landowner/RP
Details: Site closure can be obtained after treatment of approximately 150 cubic yards of soil and abandonment of monitoring wells.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Small area with Method 2 exceedances. Possible UST still located at the 1940's filling station.

Documents Information

Name: No Further Remedial Action
Link: http://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/Download?documentID=21640&fileName=605_USCG%20Kodiak%20Site%2015%20NFA%2010-10-03.pdf

30	1 of 1	ESE	0.86 / 4,525.49	37.92 / -26	FAA Kodiak Airport Air Traffic Control Tower, Kodiak, AK 99615 AK	DELISTED SHWS
Hazard ID: 1319 Status: Active Status 1: File ID: 2601.38.001 Staff: Kara Kusche, 9072697530 kara.kusche@alaska.gov Staff Email: Land Owner: Address1: Address 2: Address 3: Section: Meridian: Range: Township: County: Horizontal Datum: Latitude: 57.75 Longitude: -152.491667 Original Source: SHWS Record Date: 21-JUL-2016						

31	1 of 1	ESE	0.93 / 4,923.07	45.33 / -19	FAA Kodiak Tower USCG Base, Kodiak, Kodiak, AK 99615 AK	SHWS
Hazard ID: 1318 Status: Active File ID: 2601.38.001 Staff: Kara Kusche, 9072697530 kara.kusche@alaska.gov Comments:						

Petroleum impacted soil was identified during removal of a 1,000 gallon diesel fuel UST. A spill report was called in on May 21, 1991. UST #: 30-A-1.

FAA Kodiak Airport problem comment entry:

DRO discovered in soils and groundwater during 1993 decommissioning of diesel fuel tank at base of tower. No action since 1994. June 1994 Environmental Compliance Report recommends evaluating potential contamination at other FAA sites at this facility, including the quarters facility. Soil and groundwater contamination from sources at FAA Kodiak tower facility may extend beyond the boundaries of the FAA leased land onto the USCG Upper Government Hill housing area, which is down-gradient of the FAA site. A 1993 Harding Lawson Associates Release Investigation Report noted HLA did not investigate the possible migration of the contamination beyond FAA leased property due to the belief that the USCG housing site was already contaminated and it would be difficult to delineate FAA contamination from USCG contamination.

Action Information

Action Date: 8/9/1991
Action: Leaking Underground Storage Tank Corrective Action Underway

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DEC Staff:		Dick Farnell				
Description:						
15-20 cubic yards of diesel contaminated soil excavated and stockpiled at USCG base.						
Action Date:		9/24/1991				
Action:		Update or Other Action				
DEC Staff:		John Halverson				
Description:						
Notice of Release for UST #30-A-01						
Action Date:		9/17/1992				
Action:		Site Added to Database				
DEC Staff:		No Longer Assigned				
Description:						
Action Date:		1/26/1993				
Action:		Update or Other Action				
DEC Staff:		John Halverson				
Description:						
Review comments for many FAA facilities including FAA Kodiak tank 30-A-01. Requested additional release investigation and corrective action for the contamination remaining at the tank site.						
Action Date:		6/16/1995				
Action:		Site Ranked Using the AHRM				
DEC Staff:		Kent Patrick-Riley				
Description:						
Initial ranking. Action code added because it wasn't when the site was originally ranked.						
Action Date:		8/31/1999				
Action:		Site Number Identifier Changed				
DEC Staff:		No Longer Assigned				
Description:						
Workplan changed from 00 to 01. New Reckey is 1991250114101.						
Action Date:		6/10/2005				
Action:		Update or Other Action				
DEC Staff:		No Longer Assigned				
Description:						
Changed the release information value from 0.5 to 1 based on email from Mike Jaynes.						
Action Date:		9/9/2010				
Action:		Site Characterization Workplan Approved				
DEC Staff:		Curtis Dunkin				
Description:						
Staff reviewed and submitted comments on a draft UVOST site investigation work plan submitted by the FAA. The FAA is collaborating with the Army Corps of Engineers who is designing and finalizing the work plan. ADEC received and approved the final work plan which adequately addressed all ADEC comments and revision requests. The investigation was conducted and completed in the month of September 2010. The purpose of the UVOST investigation was to further characterize the extent of diesel-contaminated soil that is the result of a release from a heating fuel tank associated with the Air Traffic Control Tower building. The site is further complicated due to a similar fuel spill that occurred on a U.S. Coast Guard-owned property that is adjacent to FAA's; the result of which was the merging of the two contamination plumes.						
Action Date:		8/12/2011				
Action:		Site Characterization Report Approved				
DEC Staff:		Curtis Dunkin				
Description:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Staff reviewed the draft 2011 UVOST site investigation report that documented the results of the UVOST investigation conducted in September, 2010. ADEC did not have further comment on the draft report and approved the FAA to submit a final copy. Results of the 2010 UVOST investigation determined horizontal and vertical extent of the contamination plume associated with the FAA release from a heating fuel tank. The investigation also provided detailed information regarding the relationship between the two merged contamination plumes associated with the FAA and U.S. Coast Guard heating fuel releases.

Action Date: 11/15/2011
Action: Meeting or Teleconference Held
DEC Staff: Meghan Dooley
Description:

ADEC staff met with representatives from the FAA and USACE to discuss the UVOST SI report and the site status.

Action Date: 11/16/2011
Action: Update or Other Action
DEC Staff: Meghan Dooley
Description:

ADEC received the Final 2010 UVOST Site Investigation Report.

Action Date: 7/22/2016
Action: Exposure Tracking Model Ranking
DEC Staff: Nathan Maxwell
Description:

Initial ranking with ETM completed for source area id: 72296 name: auto-generated pm edit FAA Kodiak Tower

Action Date: 5/6/2019
Action: Update or Other Action
DEC Staff: Kara Kusche
Description:

FAA does not have any plans to do work at this site this year or in the foreseeable future due to low risk ranking.

32	1 of 1	E	0.94 / 4,960.49	6.53 / -58	USCG Airport Staging Area Kodiak, Kodiak, AK 99615 AK	SHWS

Hazard ID: 2898
Status: Active
File ID: 2601.38.073
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Latitude: 57.75332
Longitude: -152.48734
Horizontal Datum: WGS84

Contaminated soil and groundwater and three USTs in the area of the airport. The site with the most activity and contamination is the Fire Training Pit (Site 35) located between the runway and the mouth of the Buskin River. Soil and groundwater is impacted with DRO, low level GRO and VOC's. A source removal of approximately 20,000 cubic yards of impacted soil was removed in 2001 from the area of the former FTP. An approximately 2-foot thick smear zone extends about 700-feet northeast toward the mouth of the river. There is about 10-feet of clean overburden. This site is composed of several individual sites including the Advanced Underwater Research Building, Fire Training Pit (Site 35), UST areas 2, 3 and 6, and Building 520. Site entered by Shannon and Wilson. Last staff assigned were Halverson and Brownlee.

A Remedial Investigation, Feasibility Study, and Treatability Study were performed at the Fire Training Pit in 2005 - 2006. A Pilot Study is being performed in 2006-07.

Action Information

Action Date: 3/13/2019
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a project prioritization and technical planning meeting with stakeholder representatives from the USCG, USACE, EPA, and their respective contracted technical support teams for the ongoing development and implementation of the 2019 Kodiak FUDS projects.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 4/4/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC received and reviewed responses to comments from the USCG and participated in a technical planning and resolution meeting with the project delivery team for the draft final 2019 Groundwater Monitoring Well PFAS Sampling and Analysis Plan. ADEC submitted approval of the RTCs and for the USCG to finalize the SAP document and implement the plan in the field.

Action Date: 5/15/2019
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

ADEC received and reviewed a letter from the Army Corps of Engineers (USACE) which summarized and outlined USACE-FUDS' internal evaluation and determinations that FUDS will discontinue including POL contaminants in its site characterization and risk evaluation in the estuary as a result of a March 2019 private-party fuel release that resulted in diesel fuel being released to the Buskin River and was subsequently transported and released to the estuary at the Airport Staging Area site.

Action Date: 6/26/2019
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

ADEC received notification from the Army Corps of Engineers (USACE) that the USACE Center for Expertise had made a determination that the characterization and risk assessment data completed to date by the FUDS program was complete and adequate for what USACE-CX determined to be the limits of the FUDS-CERCLA related contamination and that the FUDS program would be terminating the prospective draft 2019-20 Addendum Remedial Investigation Work Plan. ADEC informed USACE that it did not entirely concur with that decision however USACE-FUDS expressed that it would coordinate with ADEC and other stakeholders to address the remaining ongoing concerns.

Action Date: 8/20/2019
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC traveled to Kodiak, AK to participate in two days of annual project delivery team meetings and conduct site inspections with representatives from EPA, USACE, USCG, and their respective technical contract support.

Action Date: 4/15/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in a technical planning and project prioritization meeting via web/teleconference with project delivery team representatives from the US Army Corps of Engineers, US Environmental Protection Agency RCRA, and the US Coast Guard.

Action Date: 5/26/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the USCG and AKDOT's draft preliminary technical design documents and provided input and comments through participation in a technical planning meeting for the prospective 2020-21 Kodiak Airport Perimeter Fence Construction Project.

Action Date: 2/17/2005
Action: Site Characterization Report Approved
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a draft Remedial Investigation Report for the Fire Training Pit Formerly Used Defense Site on Kodiak. 18 monitoring wells were installed and 24 Laser Induced Fluorescence probes were advanced to delineate the plume. The investigation showed Diesel Range Organics and low level Volatile Organic Carbons in a smear zone originating at the Fire Training Pit and extending for about 700' toward the Buskin River. The smear zone contamination is 2-4 feet in thickness due primarily tidal influence from nearby Womens Bay. The plume appears to be in

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

equilibrium. Approximately 20,000 cubic yards of contaminated soils were removed from the Fire training Pit source area in 2001

Action Date: 6/17/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a public open house for Formerly Used Defense Sites on Kodiak Island. Staff also conducted several site inspections. Proposed Plans for the Little Navy Annex Site and the Cape Chiniak Site were introduced at the Kodiak Island Borough assembly meeting. The open house had a moderate amount of interest with several community members stopping by to discuss sites and pick up information.

Action Date: 3/5/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual update meeting for the formerly used defense sites on Kodiak Island. The meeting was held in Seattle and attended by representatives for the Corps of Engineers (COE), Coast Guard, Environmental Protection Agency, and DEC. The agenda concentrated on three sites that are in active investigation or remediation, the Fire Training Pit, Building A-711 and the Drury Gulch Polychlorinated Biphenyl (PCB) cleanup. The Fire Training Pit is in the beginning of a 16 month pilot study test using sparging to enhance natural biodegradation of the smear zone contamination. Building A-711 has completed a pilot study using an oxygen enhancer to attempt chemical oxidation of a fairly large heavy end petroleum plume. The pilot study showed that the total oxygen demand of the system was too large to overcome without being cost prohibitive. The oxidant was also show to mobilize lighter fraction hydrocarbons into the aquifer. The alternative option discussed were limited removal of the most impacted area. We will also revisit monitored natural attenuation as the plume is almost immobile. The majority of the meeting centered on the PCB cleanup at Drury Gulch. The team discussed the past work summary, estimated quantities in place, path forward to completion, storm water controls, and the use of the 95% upper confidence limit

Action Date: 6/14/2007
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in public meetings and site inspections for the Kodiak Formerly Used Defenses Sites (FUDS) on Kodiak Island. Three FUDS are active this summer including a continuing PCB removal at Drury Gulch, a below water smear zone excavation at Building A-711 and a biosparge pilot test at the Fire Training Pit. The Corps of Engineers and their contractor participated in a public open house and Kodiak Island Borough assembly meeting. Turnout was light for the open house, which is typical for Kodiak

Action Date: 7/12/2007
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a revised feasibility study for the former Fire Training Pit at the Airport Staging Area Formerly Used Defense Site (FUDS). The site was initially screened for about 45 different remedial technologies. This study evaluated the five that were carried through the draft process and included monitored natural attenuation, excavation with off site disposal, excavation with on site treatment, chemical oxidation and biosparging. The final evaluation will be done after a biosparging pilot test that is currently operating has been completed. The preferred remedy will be presented in the proposed plan for the site

Action Date: 7/17/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a site-specific operations plan for a thermal desorption unit. The facility will be used to treat soils on-site from one project, the Fire Training Pit. Approximately 20,000 cubic yards of primarily diesel-contaminated soil will be excavated. Gasoline and some low-level volatiles including TCE are present near the source area.

Action Date: 9/18/2001
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

USCG notified EPA and ADEC of new SWMU's found during airport improvements. USCG proposes to manage releases and any corrective action under SWMU 16.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 5/10/2002
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting for the Airport Staging Area 2000 Remedial Investigation Report. Additional contaminated DRO soil excavation will be necessary at Building 520 and UST Area Number 2. The Fire Training Pit Area will require extensive soil removal. The Advanced Underwater Research Facility (AUW) will have continued groundwater monitoring for metals. No other contaminants of concern were found at the AUW building.

Action Date: 5/28/2002
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in an assembly meeting of the Kodiak Island Borough with the Corps of Engineers. One assembly member mentioned that there had been some public concern about a thermal treatment operation that may soon be operating in the Bells Flats area. Residents were concerned about air emissions from the facility. The COE briefed the community and assembly on the planned work for the 2002 season. Staff, the COE and their contractor also performed site inspections at several sites.

Action Date: 6/25/2002
Action: Site Characterization Report Approved
DEC Staff: Jeff Brownlee
Description:

Staff reviewed an Interim Removal Action Report for the Airport Staging Area for work performed during 2001. Approximately 20,000 cubic yards of DRO and a small amount of PCE contaminated soil were removed from the Site 35 Fire Burn Pit. A down gradient test pit investigation shows contamination still present in the smear zone all the way to the bluff near the Buskin River.

Buskin Lake Site 12: Staff reviewed a workplan for monitoring well installation at this former drum storage area adjacent to the Buskin River influent to Buskin Lake.

Action Date: 6/3/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed SPI post treatment sampling report for petroleum contaminated soils. Approved disposal in accordance with operations plan.

Action Date: 6/6/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a public Open House and Kodiak Island Borough Assembly meeting in Kodiak. The COE Alaska District presented the work planned for the summer including additional soil removal at Cape Chiniak Tracking Station and Little Navy Annex, beginning remedial action at the Drury Gulch PCB site and the foamed asphalt paving project. There was little public interest at the Open House.

Action Date: 6/13/2003
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Approve 4000 tons of DRO contaminated soil and 3 tons of investigative derived wastes (soil cuttings) to be transported to SPI-Kodiak for thermal treatment.

Action Date: 7/21/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a draft/final Remedial Investigation report for the Airport Staging Area Formerly Used Defense Site in Kodiak, Alaska. The Fire Training Pit was used as a fire training area in the 1950's and 1960's. Free product was sprayed on the ground and ignited. A 20,000 cubic yard source soil interim removal action was completed in 2001. The area is near the Buskin River and is tidally influenced. A thick smear zone of primarily

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Diesel Range Organic contamination extends from the former training pit almost to the river. Data seems to show that the plume is attenuating at the edges and there doesn't seem to be current contaminant migration into the estuary. A treatability study is planned for later this summer with a feasibility study this fall to consider remedial options

Action Date: 8/30/2005
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in site inspections at several Formerly Used Defense Sites on Kodiak Island. The EPA and the Corps of Engineers contractor also participated in the inspections. Sites visited include Cape Chiniak, Long Island, Millers Field, Asphalt Disposal Area, Drury Gulch, Building A-711, and the Airport Staging Area

Action Date: 12/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation

Action Date: 9/5/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff attended and participated in a Kodiak Island Borough assembly meeting and public open house for FUDS on Kodiak. The COE updated the assembly on the status of current and upcoming projects. There was minimal community interest at the open house

Action Date: 8/12/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in an annual planning meeting with representatives from the Army Corps of Engineers, the US Coast Guard, and the Environmental Protection Agency for the purpose of providing respective status updates on the site action prioritization and project implementation schedules for all six Kodiak Army Navy Formerly Used Defense Sites.

Action Date: 9/8/2020
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the USCG and ADOT's final 2020 Environmental Management Plan for the Kodiak Airport Perimeter Fencing Upgrades Project and submitted final approval to ADOT and the USCG.

Action Date: 4/14/2021
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC completed review of the final Site 35 Fire Training Pit Per- and Polyfluoroalkyl Substances (PFAS) 2019 Groundwater Sampling Report (final report dated January 2021), and submitted final approval of the report to the USCG. The report summarizes the USCG's preliminary groundwater investigation efforts that were conducted in 2019; of which the analysis results confirmed that multiple PFAS contaminants are present in groundwater at multiple monitoring well locations across the site. Additional follow on investigations are planned in the future by the USCG who is also conducting a Kodiak USCG Base-wide Preliminary Assessment (PA) effort for known and/or potential areas of concern that are associated with the use and/or discharge of aqueous film forming foam (AFFF). The USCG anticipates distribution of the draft PA report in 2021.

Action Date: 6/24/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the scoping letter and preliminary project drawings for the Kodiak Airport Rehabilitation Project and submitted general review comments to the Alaska Department of Transportation and Public Facilities.						
Action Date:		7/29/2021				
Action:		Report or Workplan Review - Other				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC reviewed the revised draft 2021 Kodiak Airport Perimeter Fence Project Environmental Management Plan and submitted review comments to the ADOT&PF and USCG.						
Action Date:		8/5/2021				
Action:		Site Visit				
DEC Staff:		Curtis Dunkin				
Description:						
ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.						
Action Date:		12/22/2005				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a scoping meeting for Feasibility Studies at two Formerly Used Defense Sites in Kodiak, Alaska. The meeting was attended by the Corps of Engineers and their contractor, the U.S. Coast Guard and their contractor, the EPA and their contractor and the ADEC. The purpose of the meeting was to review data, results and conclusions from treatability studies at the Airport Staging Area Fire Training Pit and Building A-711. Both sites are near the Buskin River and have similar technical challenges. Both sites have large smear zones of primarily Diesel Range Organics above and below the water table. The treatability studies helped eliminate several technologies including Thermally Enhanced Soil Vapor Extraction, Solidification, Slurry Phase Biological Treatment and Bucket Augering. For the Feasibility Study we have retained Bioventing, Air Sparging, Chemical Oxidation, Open excavation with Thermal Desorption and Enhanced Bioremediation						
Action Date:		11/2/2007				
Action:		Site Characterization Report Approved				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting and public open house for the semiannual community update on the Formerly Used Defense Sites on Kodiak Island. The Corps of Engineers and their contractor also participated in the meetings. PCB impacted soil is continuing to be removed from Drury Gulch. About 860-tons of TSCA material and 1,500-tons of non-TSCA material have been removed this season with an estimated 700-tons remaining over cleanup levels. The diesel and residual range organic impacted soil removal has been completed at Building A-711. Approximately 16,000-tons of impacted soil was removed and stockpiled for future on island thermal remediation. The Airport Staging Area Fire Training Pit biosparging pilot study continues to operate with periodic groundwater and soil gas monitoring to evaluated performance. Interest was moderate at the open house with several people stopping by to discuss projects						
Action Date:		3/21/2008				
Action:		Exposure Tracking Model Ranking				
DEC Staff:		Jeff Brownlee				
Description:						
Initial ranking with ETM completed.						
Action Date:		5/22/2008				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff reviewed and commented on a performance report for a biosparging system at a FUDS in Kodiak. The Airport Staging Area Fire Training Pit has been undergoing a pilot study with eight air injection wells in an attempt to enhance biodegradation of a primarily Diesel Range Organic impacted smear zone over a large area below about 12-feet of overburden. Follow up soil and water sampling after 16-months of the system						

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

being on don't show a statistically significant decrease in contamination, however visual indications and soil gas measurements show a healthy bacteria population and oxidation changes in the smear zone. The department recommended the system stay on until we get another round of water data to see if any trends develop and to make sure there is no contaminant transport to a nearby estuary

Action Date: 8/12/2008
Action: Site Visit
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff conducted site inspections with the EPA and Coast Guard at several Formerly Used Defense Sites (FUDS) and Coast Guard sites on Kodiak Island. Field work had been done this season at Building A-711, Building A-141, Drury Gulch, Airport Staging Area, and the Site 3 Laundry. PCB and TCE soil removals have been completed at Drury Gulch and the contractor is working on the cap over the entire gulch and the drainage channel realignment. The biosparging pilot study at the Fire Training Pit is being evaluated and the cleanup team has decided to go back to the feasibility study and consider other remedial alternatives for the site

Action Date: 8/12/2008
Action: Site Visit
DEC Staff: Brenton Porter
Description:

At the request of the project manager the quality assurance officer was onsite on August 12, 2008 to take part in a site visit. Several sites were inspected including the former fire training pit, and Drury Gulch remediation project. No workplan deviations were noted.

Action Date: 9/25/2003
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff reviewed a briefing document and participated in a scoping meeting for the Airport Staging Area (ASA) FUDS in Kodiak. The ASA is two sites, the former Fire Training Pit and Building 520. An interim removal action was performed at both sites in 2001. About 20,000 cubic yards of soil impacted with dominantly DRO was removed from the Fire Training Pit and thermally remediated. The scoping meeting was to discuss the remedial strategy to cleanup the remaining downgradient 2-foot thick smear zone that extends toward the Buskin River along with groundwater contamination. The Coast Guard, EPA, and DEC are recommending more site characterization before doing a feasibility study. According to the COE a new Inventory Project Report (INPR) will need to be produced before RI/FS work can be done on the project. The current INPR is for Remedial Action work, so there may be a delay in the process for the INPR to go through COE approval. Petroleum contamination from a former UST at Building 520 has been removed and thermally remediated. Groundwater sampling shows levels below Table C cleanup values at the Building 520 site

Action Date: 2/4/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed Site 16, Airport Staging Area, Tank Area 2 Removal Action report for Spring 2003 removal. Additional excavation required. Tentatively scheduled for 2004, pending funding.

Action Date: 4/26/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a scoping meeting for the Airport Staging Area FUDS on Kodiak Island. The EPA, Coast Guard (landowner), consultants and DEC participated in the meeting. The site has a large smear zone of DRO and GRO impacted soil and groundwater adjacent to the Buskin River. The purpose of the meeting was to agree on the investigation approach to ensure adequate information to proceed to a feasibility study. We agreed to pursue a soil screening effort using Laser Induced Fluorescence (LIF) verified with a percentage of borings and samples. This information will then be used to plan monitoring well installation. We also discussed the level of effort needed to evaluate ecological risk from contaminant transport to the Buskin River. The point of compliance boundary, sediment sampling, background sampling and tidal influences on groundwater were also discussed

Action Date: 6/17/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Action Date:		1/19/2006				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated in a Kodiak Island Borough Assembly meeting to discuss the recent documents available for the review and the field work the COE will be doing this summer in the island. The COE and DEC were interviewed on public radio to discuss the Kodiak projects and overall contaminated site cleanup process. There was also a public open house to give community members the opportunity to bring up concerns and ask questions in person. As typical for Kodiak turn out was light						
Action Date:		4/19/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation						
Action Date:		4/20/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff reviewed a Treatability Study and Pilot Study Design work plan for the Former Fire Training Pit and Building A-711 Building Formerly Used Defense Sites in Kodiak. The remedial alternatives oxidation and biosparging will be tested for contaminant mass and concentration reduction. The oxidation test will be performed at Building A-711 using RegenOx as a reagent. The groundwater will be monitored to check for migration of contamination into the aquifer. The biosparging test at the Fire Training Pit is designed to be a full scale test using sixteen injection wells. If the test is successful the test array will be able to utilized for the long term remediation						
Action Date:		5/24/2006				
Action:		Update or Other Action				
DEC Staff:		Jeff Brownlee				
Description:						
Staff participated in site inspections with a Corps of Engineers Pacific Ocean Division representative on Kodiak Island. Several Formerly Used Defense sites were toured by helicopter including Burma Road, Long Island, Buskin Lake, Cape Chiniak Tracking Station and Little Navy Annex						
Action Date:		1/22/2009				
Action:		Meeting or Teleconference Held				
DEC Staff:		Jeff Brownlee				
Description:						
Contaminated Sites staff participated with the Corps of Engineers in a Kodiak Island Borough Assembly meeting and a public open house to discuss Formerly Used Defense Sites on Kodiak Island. An update was provided on sites currently being worked on including Drury Gulch, Buskin Beach, Airport Staging Area, and Building A-711						
Action Date:		7/28/2004				
Action:		Site Characterization Workplan Approved				
DEC Staff:		Jeff Brownlee				
Description:						
CS staff reviewed a workplan for a remedial investigation at the Airport Staging Area Fire Training Pit FUDS in Kodiak. The remedial investigation has been ongoing this summer. A removal action in 2002 removed approximately 20,000 cubic yards of impacted soil from the source area. A plume of dominantly DRO contamination with a thick smear zone has moved downgradient of the Fire Training Pit and toward the Buskin River. The Corps of Engineers has been using a rapid optical screening tool using laser induced fluorescence (LIF) technology to help characterize the site. The LIF is sensitive to PAHs in the contamination and fluoresces in proportion to the concentration. The next phase of work which the subject workplan applies to is the placement of 22 soil borings, 11 monitoring wells and eight sediment samples along depositional areas of the Buskin River. Characterization data will be used to develop a Feasibility Study to decide on a preferred remedy to address the remaining contamination						
Action Date:		2/15/1995				
Action:		Update or Other Action				
DEC Staff:		Donald Seagren				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:

Final RFI/CMS Report submitted. Site is comprised of 7 distinct former AVGAS tanks areas located around the runways. Further investigation warranted at Areas 2, 3, and 6.

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Suspected AVGAS contamination.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 26.

Action Date: 2/20/1997
Action: Update or Other Action
DEC Staff: S&W-Miner
Description:

Site added by Shannon and Wilson, Inc.

Action Date: 2/20/1997
Action: Preliminary Assessment Approved
DEC Staff: S&W-Miner
Description:

PA action added by Shannon and Wilson, Inc., on 2/20/97. Based on FUDS Site Summary dated 2/21/96, PA started 9/29/95.

Action Date: 2/8/1999
Action: Meeting or Teleconference Held
DEC Staff: Rich Sundet
Description:

Interactive Planning Meeting, USCG Kodiak Sites, Drury Gulch, Site 2 - Navy Landfill, Site 16 - Airport Staging Area and Kodiak Fuds

Action Date: 3/19/2009
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in an annual scoping meeting with the Corps of Engineers, EPA and Coast Guard for the Kodiak FUDS projects. Agenda items included review of the 2008 field season, and planned investigations and remedial actions at Building A-711, Airport Staging Area and various Coast Guard Sites including the Lube Pits, Building A-141, Buskin Beach, and the Asphalt Disposal Area

Action Date: 6/1/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated with the Corps of Engineers (COE) and their contractor in a public open house for the Formerly Used Defense Sites on Kodiak Island. We also attended the Kodiak Island Borough Assembly meeting. The COE gave a briefing on the work planned for this summer. The open house showed light interest which is normal for Kodiak. Staff also met with Coast Guard environmental personnel and inspected several sites on the Coast Guard Base

Action Date: 5/21/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contaminated sites staff conducted site visits and meetings for several Kodiak FUDS including Building A-711, Drury Gulch, Airport Staging Area, and Buskin Beach. Staff conducted an extensive site walk of Drury Gulch which experienced significant erosion and sedimentation onto the cap as a result of a 100-year storm event during which 8 inches of rain fell on Kodiak Island within 24 hours. The USACE is conducting long term monitoring at both Drury Gulch and Building A-711. Groundwater sampling was conducted at A-711 during the week of this site visit. Sediment will be sampled from the cap surface, outside the fenced area, and in the lower drainage areas of Drury Gulch later this summer. Extensive erosion control, reseeding, and sediment removal is also planned later in 2010. The Airport Staging Area is also being scheduled for a round of groundwater monitoring for October 2010. The site visit was attended by USACE, ADEC, and contracted FES personnel. A meeting was conducted on May 21 with USCG environmental management staff at the Kodiak Base Support Unit to discuss the status of visited sites with emphasis on the storm water drainage issues resulting from Drury Gulch.

Action Date: 9/22/2010
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

During an annual site prioritization meeting on Kodiak with representatives from the EPA, USCG, USACE, and ADEC, contaminated sites staff conducted site visits at the following Kodiak FUDS: Drury Gulch/Site 18, Building A711, Airport Staging Area, Former Navy Landfill/Red Lake Site 2, Buskin Beach, and the Site 9 AvGas Tank Farm.

Action Date: 11/3/2015
Action: Update or Other Action
DEC Staff: Curtis Dunkin
Description:

CS staff reviewed the draft 2014 Airport Staging Area Groundwater Monitoring Report and submitted comments to the Army Corps of Engineers. The draft monitoring report summarizes the 2014 sampling and analysis activities and results which, along with previous investigation efforts and results will be used to evaluate and determine the path forward and remedy for the site. The 2014 field observations and analytical results indicate that the soil and groundwater petroleum contaminant plumes are steady state and that contaminants are not migrating to the Buskin River and associated estuary.

Action Date: 4/16/2018
Action: CERCLA SI
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2017 Hydraulic Gradient and NAPL Characterization Report (dated February 2018) and submitted its review comments to the Army Corps of Engineers. The report documents the additional remedial investigation activities conducted by the Corps in 2017 to address data gaps including a tidal and hydraulic gradient study, characterization of the NAPL at the site, collection and laboratory analyses of groundwater samples from select monitoring wells that are within the previously existing network, as well as collection and laboratory analyses of soil samples from newly installed soil boring locations within the estuary of the Buskin River.

Action Date: 8/12/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

CS staff participated in a comment resolution meeting for a remedial investigation workplan for the Fire Training Pit FUDS in Kodiak. The EPA, Coast Guard, and Corps of Engineers also participated in the meeting. Agreement was reached on the placement of thirteen monitoring wells and ten soil borings. The investigation is designed to fill data gaps and provide adequate information to produce a Feasibility Study. A smear zone approximately four feet thick extends several hundred feet from the source area. Approximately 20,000 cubic yards of impacted soil was excavated from the source area in 2002

Action Date: 6/19/2006
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a comment resolution meeting for the Airport Staging Area Formerly Used Defense Site on Kodiak Island. A bioventing system with eight injection wells will be installed for an 18 month test. The strategy is to raise the soil gas oxygen concentration to facilitate aerobic bacterial degradation of the primarily Diesel Range Organic contaminant mass. Pre test and post test soil samples will be collected to try to quantify system performance and decide if the remedial alternative is feasible for the entire site

Action Date: 6/21/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contaminated Sites staff reviewed a pilot study work plan for the Fire Training Pit Formerly Used Defense Site (FUDS) on Kodiak Island. The feasibility study chosen remedial option is bioventing. The system will have eight injection wells using a pulsed rotation pushing air into one well at a time to keep soil gas oxygen levels elevated. The pulse method will allow the contractor to use a much smaller blower and hence keep operating costs reduced. The test is designed to run 18 months. Pre and post soil sampling will attempt to statistically evaluate contaminant reduction. The inherent heterogeneity of subsurface soil sampling will cause this evaluation to be a challenging part of the test process

Action Date: 7/17/2006
Action: Institutional Control Record Established
DEC Staff: Jeff Brownlee
Description:

Site included in the USCG Land Use Control Assurance Plan.

Action Date: 9/14/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff reviewed a Land Use Assurance Plan for Environmental Activities for the U.S. Coast Guard Base in Kodiak. The document outlines a plan to track institutional controls (ICs) at the various contaminated sites on base. There are currently about fifteen sites on base with institutional controls. The plan objective is for the Coast Guard Environmental Section to screen contractor and other activity such as above or below ground construction, well drilling, etc. against the sites listed in the plan. Work can then be tailored to meet any existing ICs

Action Date: 9/18/2006
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff participated in site inspections at several Formerly Used Defense Sites and Coast Guard sites at Kodiak. The EPA and Coast Guard also participated in the inspections. Remedial actions were being conducted at Drury Gulch, Airport Staging Area Fire Training Pit and Building A-711. The team spent a fair amount of time going over historic data with the contractor for the PCB cleanup at Drury Gulch. We also observed a test run of direct push sampling using a Geoprobe rig at the gulch for sampling data gap areas that were erroneously backfilled due to an extraction method error at the lab

Action Date: 2/8/1999
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Review of Work Summary submitted by Jacobs Engineering.

Action Date: 9/15/1999
Action: Interim Removal Action Approved
DEC Staff: Jeff Brownlee
Description:

Site Investigation and Removal Action performed.

Action Date: 11/30/1999
Action: Site Ranked Using the AHRM
DEC Staff: Jeff Brownlee
Description:

Site Ranked based on information from the 1999 Site Investigation and Removal Action.

Action Date: 8/19/2004
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff performed site inspections at several formerly used defense sites on Kodiak Island. Building A-711 and the Fire Training Pit are currently being investigated and the preferred remedial remedy is being implemented at Drury Gulch. Non-aqueous phase liquid (NAPL) was found in a well at Building A-711 beyond the known plume boundary. NAPL was also noted in an open-hole boring downgradient of the Fire Training Pit toward the

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Buskin River. The work at Drury has been on hold temporarily while a data quality problem is worked out. The contract laboratory discovered that the lab method (Accelerated Solvent Extraction) for PCB analysis was biasing the results low so the majority of samples were rerun using a different method (sonification). The contractor is analyzing the data and planning a strategy to incorporate the new information

Action Date: 9/24/2004
Action: Update or Other Action
DEC Staff: Aggie Blandford
Description:

File number issued 2601.38.073

Action Date: 10/27/2004
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

staff participated in a Kodiak Island Borough Assembly meeting to discuss the status of Formerly Used Defense Sites on the island. The Corps of Engineers also participated at the meeting. The DEC and COE contractor also participated in a public open house to solicit comments on the cleanup work being done on Kodiak. Turnout was light as is typical in Kodiak

Action Date: 12/15/2004
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

Reviewed the file and requested an update on any corrective actions that occurred during 2004. Have data on all soil thermally remediated during 2004.

Action Date: 1/12/2005
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Contaminated Sites staff participated in a meeting with the Coast Guard, EPA, Corps of Engineers and contractors to discuss remedial investigations at two Formerly Used Defense Sites on Kodiak. The Fire Training Pit and Building A-711 both have large contaminant masses at the smear zone and are near the Buskin River, a major salmon stream on the island. The 2004 remedial investigations at both sites filled in several data gaps. A list of remedial alternatives was discussed for inclusion in the upcoming Feasibility Studies. The cleanup team decided that a treatability study would be useful to gauge the biological response and area of influence to additives to supplement attenuation. The treatability study is planned for the summer of 2005

Action Date: 3/13/2000
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Draft site investigation report review. RI included AUW Building, Building 520 and three suspected UST sites. Building 520 has unknown quantities of DRO impacted soil near Devils Creek- shallow bedrock. UST site 2 has a large concrete UST base filled with debris and soil. DRO impacted inside and outside - soil and groundwater.

Action Date: 7/17/2000
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Reviewed IRA work plan for further characterization at Building A-711, Building 520 and UST site 2. A-711 will get seven new wells to help characterize geology and contamination. Building 520 will have about 300 yards impacted soil removed and 4 wells placed to characterize groundwater. Devils Creek is about 200-feet from this site. UST site 2 is a former concrete storage tank approximately 50-feet in diameter and 10-feet high. Five wells will be installed here for groundwater characterization and hot spot soil removal.

Action Date: 5/3/2001
Action: Update or Other Action
DEC Staff: Jeff Brownlee
Description:

Staff reviewed a Draft Remedial Investigation/Removal Action Report for the Airport Staging Area in Kodiak. Four Areas of Concern were investigated including the Advanced Underwater Research (AUW) Facility, Building 520, Tank Area Two and the Fire Training Pit. The COE calculated soil cleanup

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

levels using Method 3, however the Total Organic Carbon input data did not appear statistically valid. We requested more data or a more conservative approach. Tank Area Two and Building 520 will require additional soil removal to meet proposed cleanup levels. The AUW building appears to have no contaminants of concern. The Fire Training Pit has increasing levels of DRO in groundwater and light detections of volatile and semi-volatile organics including TCE. Approximately 20,000 cubic yards of source impacted soil is scheduled to be excavated this summer. The site is adjacent to the Buskin River. One well approaching the river has 0.25 feet of free product. Sentry wells will need to be installed and potential ecological risk to the river and wetlands evaluated.

Action Date: 5/4/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a Kodiak Island Borough assembly meeting and public open house in Kodiak. The Corps of Engineers and their contractor, Jacobs engineering also attended. Three potential new sites were inspected based on community input. Overall interest seemed light, which has been normal in Kodiak.

Action Date: 5/8/2001
Action: Meeting or Teleconference Held
DEC Staff: Jeff Brownlee
Description:

Staff participated in a comment resolution meeting for the Airport Staging Area 2000 Remedial Investigation Report. Additional contaminated DRO soil excavation will be necessary at Building 520 and UST Area Number 2. The Fire Training Pit Area will require extensive soil removal. The Advanced Underwater Research Facility (AUW) will have continued groundwater monitoring for metals. No other contaminants of concern were found at the AUW building.

Action Date: 9/25/2018
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC's project manager for the Kodiak Army Navy FUDS traveled to Kodiak, AK and participated in two days of annual planning meetings and site inspections with project delivery team representatives from the Army Corps of Engineers, USCG, and Environmental Protection Agency.

Action Date: 2/26/2019
Action: Report or Workplan Review - Other
DEC Staff: Curtis Dunkin
Description:

ADEC reviewed the draft 2019 Groundwater Monitoring Well PFAS Sampling and Analysis Plan and submitted comments to the USCG.

Control Information

Type: Land Use Plan / Maps / Base Master Plan
Details: Site included in the USCG Land Use Control Assurance Plan. Site is composed of four separate sites. The site with ICs is Site 35, the Fire Training Pit.

Requirements

Description: Excavation / Soil Movement Restrictions
Details: Site is in a controlled area near the airport. ADEC and COE to be notified for soil disturbance/excavation.

33	1 of 1	ENE	0.97 / 5,111.52	70.44 / 6	USCG Lake Louise Drive Release Lake Louise Drive, NE Shore of Lake Louise, Kodiak, AK 99615 AK	SHWS

Hazard ID: 3054
Status: Cleanup Complete
File ID: 2601.38.059
Staff: No Longer Assigned, 9074655229 dec.icunit@alaska.gov
Comments:

Latitude: 57.764444
Longitude: -152.492222
Horizontal Datum:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Contaminated soils were encountered during road construction at the Lake Louise Housing complex. Heating oil tanks at the housing complex were suspected of causing the contamination. Subsequent investigation confirmed minor contamination at some of the tank sites.

Action Information

Action Date: 12/17/1999
Action: Site Added to Database
DEC Staff: Don Fritz
Description:

Heating Oil.

Action Date: 4/24/2000
Action: Site Ranked Using the AHRM
DEC Staff: Don Fritz
Description:

Initial ranking.

Action Date: 10/2/2003
Action: Site Characterization Report Approved
DEC Staff: Donald Seagren
Description:

Action Date: 10/7/2003
Action: Site Number Identifier Changed
DEC Staff: Donald Seagren
Description:

Changed spill date from 12/20/1996 to 7/15/1998 caused new rekey. Year changed from 1996 to 1998 and Julian Day from 355 to 196.

Action Date: 10/10/2003
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

Action Date: 6/22/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Containment Information

Name:
Media:
Level Description:
Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>

Details:

Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		ALASKA STATE AIRPORT APRON A <i>NRC Report No:</i> 484521	KODIAK AK		807019423
LUST	USCG Kodiak Buskin River Army/Navy USTs	~0.3 Mile Anton Larsen Bay Road; E of Buskin River and W of Anton Larsen Bay Road <i>Status LUST Event ID:</i> Open	Kodiak AK	99615	891205363
SHWS	USCG Kodiak Buskin River Army/Navy USTs	~0.3 Mile Anton Larsen Bay Road; E of Buskin River and W of Anton Larsen Bay Road, Kodiak, AK 99615	AK		891205714
SHWS	USCG Kodiak Site 26 Navy LF Pb	East of Anton Larsen Bay, Road and Landfill, Kodiak, AK 99619	AK		820619463
SPILLS	KODIAK COAST GUARD STATE AIRPORT RUNWAY 7	 <i>Spill ID Case Closed Date:</i> 6699 12/12/1996 12:00:00 AM	Kodiak AK	99615	820678502
UST	ADPS - (Duplicate)	Kodiak Airport Hangar H Block 1700 Lot 2a <i>Facility ID:</i> 2415 <i>DEC Tank ID Status:</i> 1 Currently in Use	Kodiak AK	99615	820641317
UST	Kodiak Transfer, Inc.	W Rezanof Dr <i>Facility ID:</i> 904 <i>DEC Tank ID Status:</i> 1 Permanently Out of Use Closed on 12/1/1989, 2 Permanently Out of Use Closed on 12/1/1989	Kodiak AK	99615	820639654

Unplottable Report

Site:

ALASKA STATE AIRPORT APRON A KODIAK AK

ERNS

NRC Report No:	484521	Latitude Degrees:	
Type of Incident:	FIXED	Latitude Minutes:	
Incident Cause:	OTHER	Latitude Seconds:	
Incident Date:	05/20/99 18:20:00	Longitude Degrees:	
Incident Location:		Longitude Minutes:	
Incident Dtg:	DISCOVERED	Longitude Seconds:	
Distance from City:		Lat Quad:	
Distance Units:		Long Quad:	
Direction from City:		Location Section:	
Location County:	ANCHORAGE	Location Township:	
Potential Flag:		Location Range:	
Year:	Year 1999 Reports		
Description of Incident:	PLACED A PATCH ON THE COMMERCIAL RAMP APRON / AN ASPHALT EMULSION HASLEACHED INTO THE STORM DRAIN DUE TO RAINS PRIOR TO PATCH SETTING		

Material Spill Information

Chris Code:	ASP	Unit of Measure:	UNKNOWN AMOUNT
CAS No:		If Reached Water:	YES
UN No:		Amount in Water:	0
Name of Material:	ASPHALT	Unit Reach Water:	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	05/21/99 00:56:20	Responsible City:	KODIAK
Date Time Complete:	05/21/99 01:06:12	Responsible State:	AK
Call Type:	INC	Responsible Zip:	99615
Resp Company:	DOT-STATE OF ALASKA	Source:	UNAVAILABLE
Resp Org Type:	STATE GOVERNMENT		

Incident Information

Tank ID:		Building ID:	
Tank Regulated:	U	Location Area ID:	
Tank Regulated By:		Location Block ID:	
Capacity of Tank:		OCSG No:	
Capacity Tank Units:		OCSF No:	
Description of Tank:		State Lease No:	
Actual Amount:		Pier Dock No:	
Actual Amount Units:		Berth Slip No:	
Tank Above Ground:	ABOVE	Brake Failure:	N
NPDES:		Airbag Deployed:	
NPDES Compliance:	U	Transport Contain:	U
Init Contin Rel No:		Location Subdiv:	
Contin Rel Permit:		Platform Rig Name:	
Contin Release Type:		Platform Letter:	
Aircraft ID:		Allision:	N
Aircraft Runway No:		Type of Structure:	
Aircraft Spot No:		Structure Name:	
Aircraft Type:	UNKNOWN	Structure Oper:	Y
Aircraft Model:		Transit Bus Flag:	
Aircraft Fuel Cap:		Date Time Norm Serv:	
Aircraft Fuel Cap U:		Serv Disrupt Time:	
Aircraft Fuel on Brd:		Serv Disrupt Units:	
Aircraft Fuel OB U:		CR Begin Date:	

Aircraft Hanger:
Road Mile Marker:
Power Gen Facility: U
Generating Capacity:
Type of Fixed Obj: UNKNOWN
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type: UNKNOWN
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: U
Railroad Hotline: No
Railroad Milepost: UNKNOWN
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved: UNKNOWN
Device Operational: Y

CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: XXX
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: SHUT DOWN THE DIKE SYSTEM IN THE STORM DRAIN / DEPLOYED BOOM AND SORBEN

Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evacu:
Any Injuries: U
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: U
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest:
Medium Desc: WATER
Addl Medium Info: STORM SEWER

State Agen Report No:
State Agen on Scene:
State Agen Notified:
Fed Agency Notified:
Oth Agency Notified:
Body of Water:

Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions:
Air Temperature:
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: UNK
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: WEATHER: RAINING

Site: USCG Kodiak Buskin River Army/Navy USTs
 ~0.3 Mile Anton Larsen Bay Road; E of Buskin River and W of Anton Larsen Bay Road Kodiak AK
 99615

LUST

Facility ID:
Hazard ID: 27303

Archived Rcrd Key:
Site Type: Military Installation - Base/Post/Other

Spill Date:		Latitude:	57.762639
Status:	Open	Longitude:	-152.518722
LUST Event ID:		Borough:	Kodiak Island
CS or LUST:	LUST	Staff:	Curtis Dunkin
File No:	2601.26.069	Horizontal Datum:	WGS84
Land Owner:	USCG Coast Guard Support Center		
Data Source:	SPAR Online Services - Contaminated Sites / UST Database		
Comments:			

In September, 2020 two underground storage tanks (USTs) of unknown origin were discovered during the Buskin Waterline Replacement Project on US Coast Guard Base in Kodiak. It was reported that a total of four gallons of one of the tank's contents were released.

The characterization sampling presented in a tech memo submitted on January 12, 2021 indicates that the product released was weathered diesel and water. A UST registration form was also submitted with the tech memo. The tanks must be treated as regulated due to their unknown origin and will be handled under 18 AAC 78.090. The tanks were designated as UST #98 and UST #99, both 1,000-gallon diesel tanks. It is suspected that the tanks may have been used for heating fuel and associated with former structures in the Warehouse and Motorshed Area of Army Garrison No. 1.

Action Information

Action Date: 2/3/2021
Action: Site Added to Database
DEC Staff: Mitzi Read
Description:

A new site has been added to the database

Action Date: 2/3/2021
Action: Leaking Underground Storage Tank Release Confirmed - Petroleum
DEC Staff: Mitzi Read
Description:

LUST site created in CSP database for source area USCG Kodiak Buskin River Army/Navy USTs, 80736

Action Date: 4/26/2021
Action: Potentially Responsible Party/State Interest Letter
DEC Staff: Cascade Galasso-Irish
Description:

PRP/Hazardous Substance Liability notifications sent to USACE and USCG via email on this date.

Action Date: 8/3/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings at the USCG Base Kodiak with representatives from the USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active USCG Kodiak sites.

Action Date: 8/4/2021
Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project delivery team meetings for the Kodiak Army/Navy Formerly Used Defense Sites (FUDS) at the USCG Base Kodiak with representatives from the Army Corps of Engineers, USCG, EPA, and their respective contracted technical support representatives, and conducted site visits and inspections of the active FUDS on Base Kodiak.

Site: **USCG Kodiak Buskin River Army/Navy USTs**
~0.3 Mile Anton Larsen Bay Road; E of Buskin River and W of Anton Larsen Bay Road, Kodiak, AK
99615 AK

[SHWS](#)

Hazard ID:	27303	Latitude:	57.762639
Status:	Active	Longitude:	-152.518722
File ID:	2601.26.069	Horizontal Datum:	WGS84
Staff:	Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov		

Comments:

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Action: Site Visit
DEC Staff: Curtis Dunkin
Description:

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Site: **USCG Kodiak Site 26 Navy LF Pb**
East of Anton Larsen Bay, Road and Landfill, Kodiak, AK 99619 AK

SHWS

Hazard ID: 1050
Status: Cleanup Complete
File ID: 2601.38.034
Staff: Curtis Dunkin, 9072693053 curtis.dunkin@alaska.gov
Comments:

Latitude: 57.789227
Longitude: -152.409284
Horizontal Datum: NAD83

Site cleaned 1994. EPA NFA? Last staff assigned was Patrick-Riley.

Action Information

Action Date: 10/6/1994
Action: Update or Other Action
DEC Staff: Donald Seagren
Description:

EPA issues closure letter

Action Date: 11/9/1995
Action: Site Added to Database
DEC Staff: Kent Patrick-Riley
Description:

Site added to database.

Action Date: 11/28/1995
Action: Site Ranked Using the AHRM
DEC Staff: Kent Patrick-Riley
Description:

Initial ranking. Score = 74.

Action Date: 4/26/2002
Action: Site Characterization Report Approved
DEC Staff: Donald Seagren
Description:

Reviewed Corrective Action Report Fort the Removal of Navy Landfill Waste Pile At U.S. Coast Guard Support Center Kodiak, Alaska.

Action Date: 4/26/2002
Action: Site Closure Approved
DEC Staff: Donald Seagren
Description:

No further action required. Site closure is consistent with EPA R10 6 October 94 decision to issue closure for this site.

Action Date: 6/18/2004
Action: Update or Other Action
DEC Staff: Alyce Hughey
Description:

File number assigned and entered into the Fileroom DB and CS DB.

Action Date: 1/22/2013
Action: Site Reopened
DEC Staff:
Description:

Re-opening and assigning to Curtis Dunkin for additional actions.

Action Date: 7/22/2020
Action: Meeting or Teleconference Held
DEC Staff: Curtis Dunkin
Description:

ADEC participated in annual project prioritization meetings on July 21 and 22 with representatives from the US Coast Guard, the Environmental Protection Agency, and respective contracted project technical support and implementation teams. The purpose of the annual meetings are for stakeholders to provide respective site status updates, conduct technical planning and site prioritization, and scheduling for implementation of projects through the current and upcoming fiscal years.

Containment Information

Name:
Media:
Level Description:

Comments: For more information about this site, contact DEC at (907) 465-5390.

Control Information

Type: No ICs Required
Details:

Requirements

Description: Advance approval required to transport soil or groundwater off-site.
Details:

Site: KODIAK COAST GUARD STATE AIRPORT RUNWAY 7
Kodiak AK 99615

SPILLS

Spill ID:	6699	Latitude:	57.78813829298
Spill No:	96249932701	Longitude:	-152.404956568964
Spill Date:	11/22/1996 12:00:00 AM	Address1:	
Facility Type:	Air Transportation	Address2:	
Facility Sub Type:	Aircraft	City:	Kodiak
Case Closed Date:	12/12/1996 12:00:00 AM	Zip Code:	99615
Response:	Took Report	Area:	Central Alaska
Location:	KODIAK CITY	Sub Area:	Kodiak Island
Location Data:	Facility	Region:	Kodiak
Spill Name:			
Source Type:			

Spill Detail(s)

Substance Subtype:	Aviation Fuel	Cause Subtype:	Human Error
Quantity Released:	4.000	Cause Type:	Human Factors
Substance Unit:	Gallons	Affiliate Role:	Primary Responsible Party
Quantity Potential:		Substance Type:	Noncrude Oil
Responsible Party:	US COAST GUARD - NO ENTRY, NO ENTRY		

Site: ADPS - (Duplicate)
Kodiak Airport Hangar H Block 1700 Lot 2a Kodiak AK 99615

UST

Facility ID: 2415
Facility Type: Unknown
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Not Listed
Owner Tank ID:		Pipe Mat Constr:	Not Listed
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Not Available	Scndry Cont Opt (Tk):	None
Regulated Tank:	No	Scndry Cont Opt (Pp):	None
Product:	Not Listed	Piping Rel Detect:	Not Listed
Capacity:	gallons	Tank Rel Det:	Not Listed
Age:		Spill Prevent Met:	No
Date Installed:		Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Currently in Use		
LD Other Methods:			

Owner Detail(s)

Site Name:	ADPS - (Duplicate)	Owner ID:	9262
Location:	Kodiak Airport Hangar H Block 1700 Lot 2a	Owner Name:	ADPS - Alaska Dept of Public Safety
Facility Type:	Unknown	Owner 1:	ADPS - Alaska Dept of Public Safety
Owner Address:	5700 E Tudor Road Anchorage, AK 99507		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	9262
Tank Capacity:		Owner Name:	ADPS - Alaska Dept of Public Safety
Facility Type:	Unknown	Owner Address:	5700 E Tudor Road
Tank Status Desc:	Currently in Use	Owner City:	Anchorage
Substance:	Not Listed	Owner State:	AK
Regulated:	No	Owner Zip:	99507
Date Installed:			

Site: Kodiak Transfer, Inc.
W Rezanof Dr Kodiak AK 99615

UST

Facility ID: 904
Facility Type: Truck/Transporter
Latitude:
Longitude:

Tank Detail(s)

DEC Tank ID:	1	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	1	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Diesel	Piping Rel Detect:	Not Listed
Capacity:	2000 gallons	Tank Rel Det:	Not Listed
Age:	8.6	Spill Prevent Met:	No
Date Installed:	4/21/1981	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 12/1/1989		
LD Other Methods:			

DEC Tank ID:	2	Tank Mat Constr:	Asphalt Coated or Bare Steel
Owner Tank ID:	2	Pipe Mat Constr:	Bare Steel
Compliance Tag No:		Piping Type:	Not Listed
Closure Status:	Tank removed from ground	Scndry Cont Opt (Tk):	None
Regulated Tank:	Yes	Scndry Cont Opt (Pp):	None
Product:	Gasoline	Piping Rel Detect:	Not Listed
Capacity:	1000 gallons	Tank Rel Det:	Not Listed
Age:	8.6	Spill Prevent Met:	No
Date Installed:	4/21/1981	Overfill Prevent Met:	No
Next Inspection Due:	No Date Available	Cathodic Protect Met:	No
Status:	Permanently Out of Use Closed on 12/1/1989		
LD Other Methods:			

Owner Detail(s)

Site Name:	Kodiak Transfer, Inc.	Owner ID:	698
Location:	W Rezanof Dr	Owner Name:	Kodiak Transfer, Inc.
Facility Type:	Truck/Transporter	Owner 1:	Kodiak Transfer, Inc.
Owner Address:	W Rezanof Dr Kodiak, AK 99615		

Tank and Owner Detail(s)

Tank ID:	1	Owner ID:	698
Tank Capacity:	2000	Owner Name:	Kodiak Transfer, Inc.
Facility Type:	Truck/Transporter	Owner Address:	W Rezanof Dr
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak
Substance:	Diesel	Owner State:	AK
Regulated:	Yes	Owner Zip:	99615
Date Installed:	4/21/1981		
Tank ID:	2	Owner ID:	698
Tank Capacity:	1000	Owner Name:	Kodiak Transfer, Inc.
Facility Type:	Truck/Transporter	Owner Address:	W Rezanof Dr
Tank Status Desc:	Permanently Out of Use	Owner City:	Kodiak

Substance: Gasoline
Regulated: Yes
Date Installed: 4/21/1981

Owner State: AK
Owner Zip: 99615

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

[NPL](#)

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Aug 25, 2021

National Priority List - Proposed:

[PROPOSED NPL](#)

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Aug 25, 2021

Deleted NPL:

[DELETED NPL](#)

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

Government Publication Date: Aug 25, 2021

SEMS List 8R Active Site Inventory:

[SEMS](#)

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Jul 29, 2021

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Jul 29, 2021

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jun 14, 2021

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jun 14, 2021

RCRA Generator List:

RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jun 14, 2021

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jun 14, 2021

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jun 14, 2021

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jun 14, 2021

Federal Engineering Controls-ECs:[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 23, 2021

Federal Institutional Controls- ICs:[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Feb 23, 2021

Land Use Control Information System:[LUCIS](#)

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Emergency Response Notification System:[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:[ERNS 1987 TO 1989](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:[ERNS](#)

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jul 26, 2021

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

[FED BROWNFIELDS](#)

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing:

[FEMA UST](#)

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

[FRP](#)

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property:

[SEMS LIEN](#)

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Jul 29, 2021

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 28, 2021

State

Contaminated Sites Program Database:

[SHWS](#)

A list of current and past Contaminated Sites and Leaking Underground Storage Tank (LUST) sites in the state of Alaska. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program. This database is state equivalent CERCLIS.

Government Publication Date: Sep 9, 2021

Delisted Contaminated Sites Program Database:

DELISTED SHWS

This database contains a list of closed Contaminated Sites and Leaking Underground Storage Tank sites that were removed from the Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Sep 9, 2021

Solid Waste Information Management System Database:

SWF/LF

List of sites in the Alaska Department of Environmental Conservation (ADEC) Solid Waste Program's Solid Waste Information Management System (SWIMS), which contains information on landfills, solid waste treatment facilities, and solid waste storage facilities in Alaska.

Government Publication Date: Jun 11, 2021

Leaking Underground Storage Tanks Site List:

LUST

A list of Leaking Underground Storage Tank (LUST) sites in the state of Alaska. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Sep 9, 2021

Delisted Leaking Storage Tanks:

DELISTED LST

List of leaking storage tank sites that once appeared on - and have since been removed from - the Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Sep 9, 2021

Underground Storage Tanks Site List:

UST

A list of facilities with Underground Storage Tanks (USTs) registered with Industry Preparedness Program of the Division Spill Prevention and Response (SPAR) in the state of Alaska. This list has been made available by Alaska Department of Environmental Conservation.

Government Publication Date: Aug 3, 2021

Bulk Fuel Inventory:

TANK

List of locations found in the Bulk Fuel Inventory made available by the Alaska Division of Community and Regional Affairs (DCRA). The inventory is comprised of records provided by different agencies which will eventually serve as a comprehensive list of all bulk fuel facilities currently known in Alaska. DRCA notes that the locations of bulk fuel facilities as noted by the points may not be in the exact location, and that the list is not yet comprehensive.

Government Publication Date: Apr 1, 2021

Regulated Aboveground Storage Tanks:

AST

List of regulated terminal facilities with regulated aboveground storage tanks in Alaska made available by the Spill Prevention and Response Division of the Alaska Department of Environmental Conservation. Regulated tanks are greater than 10,000 gallons in storage capacity and are located on regulated facilities. Includes Noncrude Terminal Facility and Crude Terminals. Some site location addresses are owner or head office addresses which may or may not coincide with the physical location of the tank(s).

Government Publication Date: Sep 21, 2020

Delisted Storage Tanks:

DTNK

This database contains a list of storage tank sites that were removed from the Industry Preparedness Program of the Division Spill Prevention and Response (SPAR), Alaska Department of Environmental Conservation.

Government Publication Date: Aug 3, 2021

Sites with Engineering Controls:

ENG

List of sites in the Alaska Department of Environmental Conservation (ADEC)'s Contaminated Sites Program database at which there are engineering controls.

Government Publication Date: Sep 9, 2021

Sites with Institutional Controls:

INST

List of sites in the Alaska Department of Environmental Conservation (ADEC)'s Contaminated Sites Program database at which there are institutional controls.

Government Publication Date: Sep 9, 2021

Voluntary Cleanup Program Sites:

VCP

A list of sites that participated in the Voluntary Cleanup Program (VCP) in Alaska, which is no longer active in the state. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program.

Government Publication Date: Jun 28, 2013

Brownfields:

BROWNFIELDS

A list of Brownfields sites in the state of Alaska, made available by the Alaska Department of Environmental Conservation. Any property potentially contaminated, previously contaminated, or perceived by a community to be contaminated with hazardous substances, including petroleum products, may be eligible for assistance from the State of Alaska to support reuse and revitalization efforts.

Government Publication Date: Oct 1, 2021

Tribal**Leaking Underground Storage Tanks (LUST) on Indian Lands:**

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 10, which includes Alaska.

Government Publication Date: Apr 14, 2020

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 10, which includes Alaska.

Government Publication Date: Apr 14, 2020

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources**Federal****PFOA/PFOS Contaminated Sites:**

PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Sep 17, 2021

Facility Registry Service/Facility Index:

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality:

PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Oct 5, 2020

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Jun 25, 2021

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jun 14, 2021

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 3, 2020

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Dec 18, 2020

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2006

Uranium Mill Tailings Radiation Control Act Sites:

URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Jul 12, 2021

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 19, 2020

State**Spill Prevention and Response Online Spills Database:**

SPILLS

Statewide Oil and Hazardous Substance Spills Database that contains records between July 1, 1995 to present. Records for spills prior to July 1, 1995 exist in the database but may not be accurate or complete. This list has been made available by Alaska Department of Environmental Conservation (ADEC) Division of Spill Prevention and Response.

Government Publication Date: Sep 1, 2021

Per- and Polyfluoroalkyl Substances (PFAS):

PFAS

A list of sites in the Alaska Department of Environmental Conservation (ADEC) Contaminated Sites Program where one or more of the compounds of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA). In 2016, The Alaska Department of Environmental Conservation (ADEC) published cleanup levels for PFOS and PFOA. In 2018, ADEC set action levels for six PFAS compounds, including PFOS and PFOA. In Alaska, when PFAS contamination is found in the environment, the responsible party must evaluate the extent of the contamination in the soil and groundwater, determine whether and to what extent drinking water supplies are impacted, provide treatment or alternative water if action levels are exceeded, and begin cleanup with ADEC's oversight.

Government Publication Date: Apr 4, 2021

Illegal Drug Manufacturing Sites List:

CDL

A list of the properties that have been identified as illegal drug manufacturing sites by Alaska law enforcement agencies. This list has been made available by Alaska Department of Environmental Conservation.

Government Publication Date: Jul 19, 2021

Dry Cleaning Facilities:

DRYCLEANERS

A list of laundry/dry cleaner sites in Alaska. This list is provided by the Department of Environmental Conservation.

Government Publication Date: Sep 9, 2021

Delisted Dry Cleaning Facilities:

DELISTED DRYCLEANERS

A list of laundry/dry cleaner sites that are removed from the Department of Environmental Conservation in Alaska.

Government Publication Date: Sep 9, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



Property Information

Order Number: 21102200605p
Date Completed: October 23, 2021
Project Number: 2658.13
Project Property: Kodiak Airport Structure Removal (Lot 5A)
Lot 5A, Block 1400, Airport Way Kodiak AK 99615
Coordinates:
Latitude: 57.75547762
Longitude: -152.51288362
UTM Northing: 57.7554776248 Meters
UTM Easting: -152.512883624 Meters
UTM Zone: UTM Zone 05V
Elevation: 64.34 ft
Slope Direction:

Topographic Information.....	2
Hydrologic Information.....	4
Geologic Information.....	7
Soil Information.....	9
Wells and Additional Sources.....	11
Summary.....	12
Detail Report.....	14
Radon Information.....	57
Appendix.....	58
Liability Notice.....	60

The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information

There is not any current topographic map available in this area.

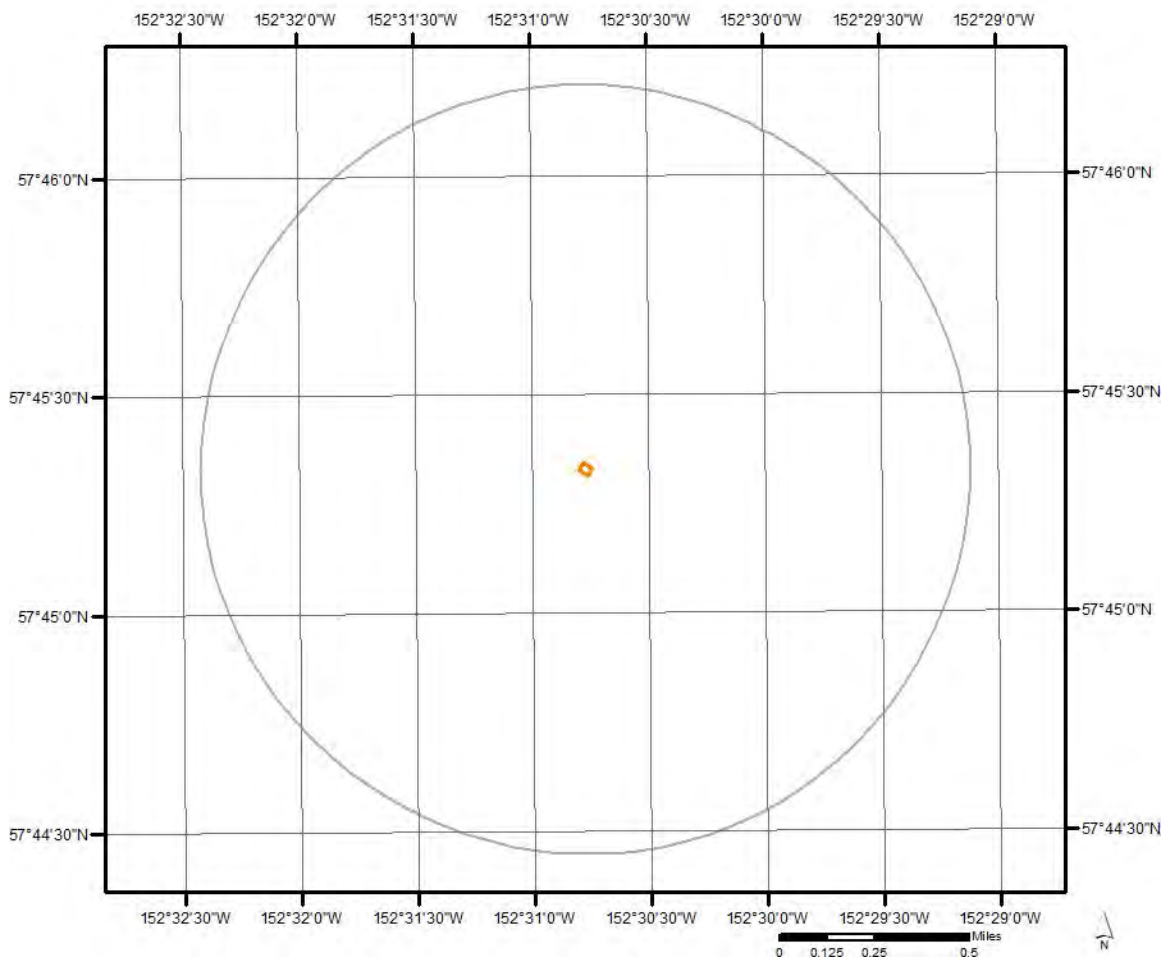
Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 64.34 ft

Slope Direction:

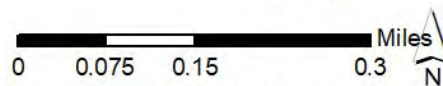


Hydrologic Information



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Wetland

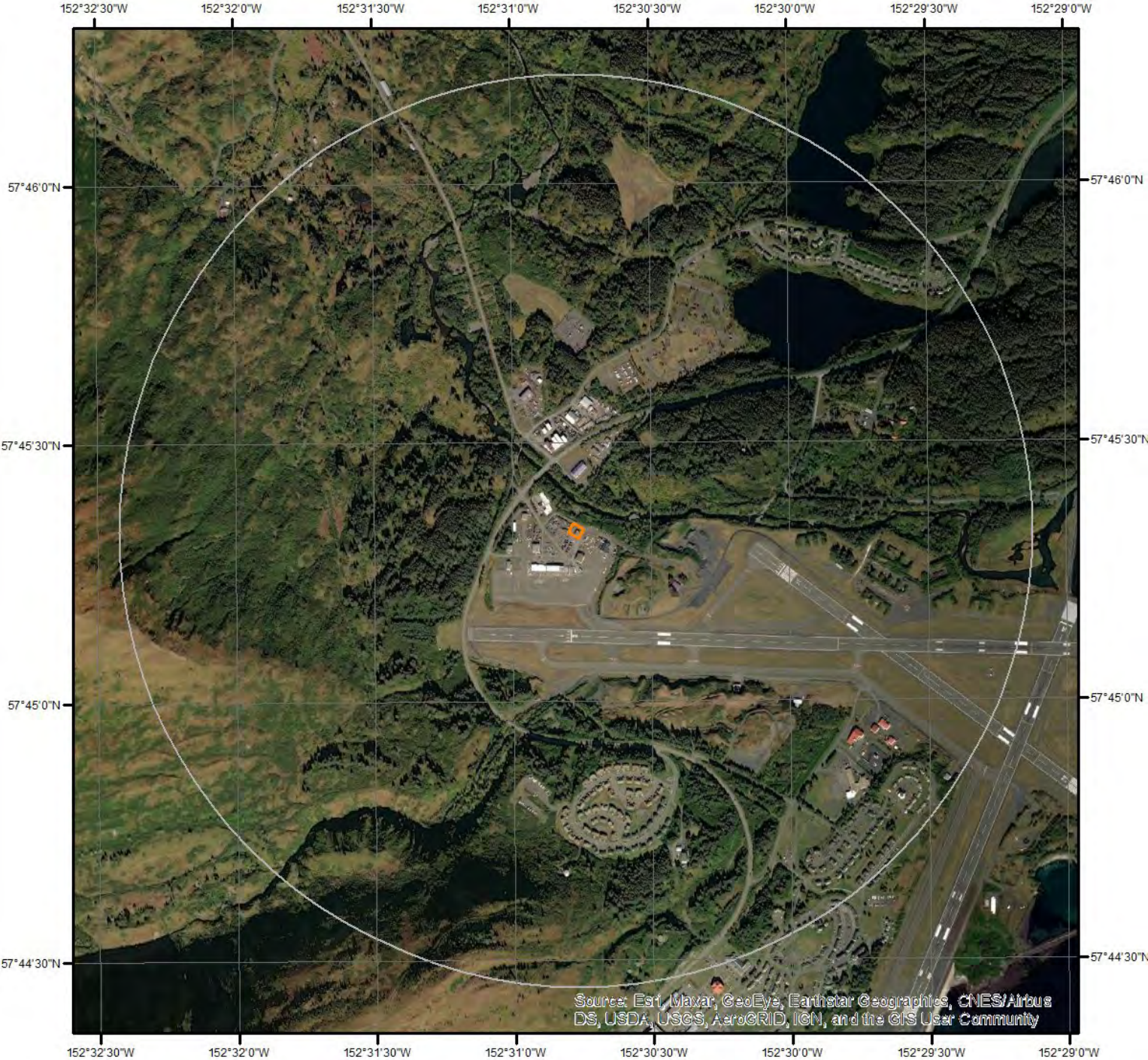


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

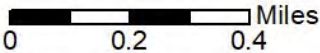
 Estuarine and Marine Deepwater	 Freshwater Pond
 Estuarine and Marine Wetland	 Lake
 Freshwater Emergent Wetland	 Other
 Freshwater Forested/Shrub Wetland	 Riverine



Hydrologic Information



Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

	A		AO		X
	A99		V		OPEN WATER
	AE		VE		NOT POPULATED
	AH		D		AREA NOT INCLUDED

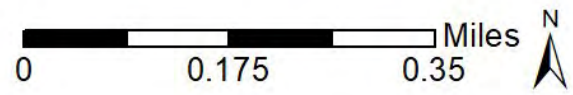


Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

No records found for the project property or surrounding properties.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

No records found for the project property or surrounding properties.

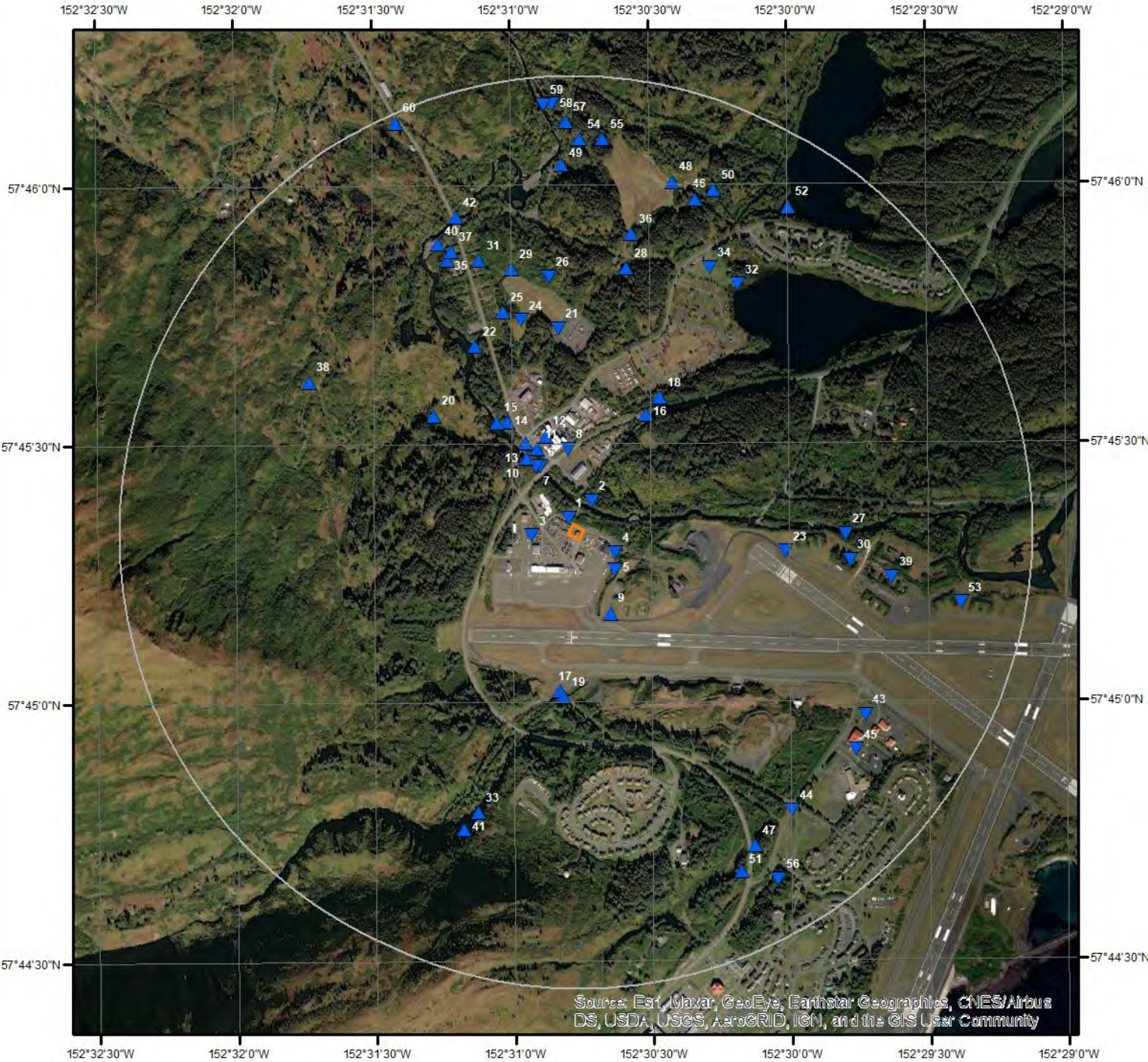
Soil Information

Soil Information

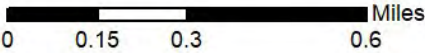
The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

No records found for the project property or surrounding properties.

Wells and Additional Sources



Wells & Additional Sources



▲ Sites with Higher Elevation	▲ OGW Sites with Higher Elevation
■ Sites with Same Elevation	■ OGW Sites with Same Elevation
▼ Sites with Lower Elevation	▼ OGW Sites with Lower Elevation
○ Sites with Unknown Elevation	● OGW Sites with Unknown Elevation



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
No records found			

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
No records found			

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
1	USGS-574524152304001	85.47	NNW
2	USGS-574526152303501	347.27	NNE
3	USGS-574522152304801	421.66	W
4	USGS-574520152303001	449.89	ESE
5	USGS-574522152303800	558.46	SE
6	USGS-574530152304600	775.42	NNW
7	USGS-15297437	802.94	NNW
8	USGS-574532152304001	883.93	N
9	USGS-574513152303101	945.41	SSE
10	USGS-574531152304901	947.32	NNW
11	USGS-574532152304701	980.66	NNW
12	USGS-574534152304501	1089.47	NNW
13	USGS-574533152304901	1108.12	NNW
14	USGS-574535152305301	1434.32	NNW
15	USGS-15297436	1495.80	NW
16	USGS-574536152302301	1549.69	NNE
17	USGS-574504152304201	1797.26	S
18	USGS-574538152301000	1806.54	NNE
19	USGS-574505152304200	1861.50	S
20	USGS-574536152310900	2070.45	NW
21	USGS-574546152304200	2308.56	N
22	USGS-574544152310001	2386.17	NNW
23	USGS-574520152295301	2389.59	E
24	USGS-574547152305000	2476.07	NNW
25	USGS-574548152305400	2632.92	NNW
26	USGS-574552152304701	2924.11	N
27	USGS-574522152294000	3080.49	E
28	USGS-574553152302700	3084.44	N
29	USGS-574553152305200	3093.47	NNW
30	USGS-574519152293901	3155.60	E
31	USGS-574554152305901	3296.34	NNW
32	USGS-574551152300300	3413.07	NNE
33	USGS-15297439	3421.83	SSW
34	USGS-574553152300901	3427.85	NNE
35	USGS-574554152310601	3439.26	NNW
36	USGS-574557152302601	3492.71	N
37	USGS-15297440	3509.38	NNW
38	USGS-574540152313601	3519.52	WNW
39	USGS-574517152293001	3666.95	E
40	USGS-574556152310801	3669.09	NNW
41	USGS-574448152310301	3669.92	SSW

Wells and Additional Sources Summary

42	USGS-574559152310400	3865.54	NNW
43	USGS-574501152293601	3950.62	ESE
44	USGS-574450152295201	4055.16	SE
45	USGS-574457152293801	4092.77	SE
46	USGS-574558152302200	4098.38	NNE
47	USGS-574446152300000	4152.12	SSE
48	USGS-574603152301701	4203.14	NNE
49	USGS-574605152304101	4232.46	N
50	USGS-574602152301701	4274.18	NNE
51	USGS-574443152300301	4346.12	SSE
52	USGS-574600152295200	4503.81	NNE
53	USGS-574514152291501	4521.42	E
54	USGS-574608152303701	4537.14	N
55	USGS-574603152303000	4552.09	N
56	USGS-574442152295501	4639.18	SSE
57	USGS-574610152304001	4738.85	N
58	USGS-574612152304300	4946.02	N
59	USGS-574612152304500	4951.82	N
60	USGS-574610152311700	5164.71	NNW

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Public Water Systems

Map Key	ID	Distance (ft)	Direction
No records found			

Well Log Tracking System

Map Key	ID	Distance (ft)	Direction
No records found			

Wells and Additional Sources Detail Report

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NNW	0.02	85.47	64.03	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	21.2	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	24	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680930	Latitude:	57.7559131
Source Map Scale:	63360	Longitude:	-152.5133003
Monitoring Loc Name:	SC02802015BBAC1 002		
Monitoring Loc Identifier:	USGS-574524152304001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.07	347.27	59.60	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	35	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	35	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19681001	Latitude:	57.7564687
Source Map Scale:	63360	Longitude:	-152.5119113
Monitoring Loc Name:	SC02802015BBAA1 003		
Monitoring Loc Identifier:	USGS-574526152303501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	W	0.08	421.66	63.53	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	37.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	39.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880121	Latitude:	57.7553575
Source Map Scale:	1000	Longitude:	-152.5155227
Monitoring Loc Name:	SC02802015BBCB1 005		
Monitoring Loc Identifier:	USGS-574522152304801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 44.6
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	ESE	0.09	449.89	59.36	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	45.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	45.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680927	Latitude:	57.7548018
Source Map Scale:	63360	Longitude:	-152.5105224
Monitoring Loc Name:	SC02802015BACB1 001		
Monitoring Loc Identifier:	USGS-574520152303001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SE	0.11	558.46	60.66	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7542462
Source Map Scale:		Longitude:	-152.5105225
Monitoring Loc Name:	DEVILS C BL RUNWAY NR MOUTH NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574522152303800		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.15	775.42	63.86	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.75758
Source Map Scale:		Longitude:	-152.514967
Monitoring Loc Name:	BUSKIN R AT KODIAK ISLAND HWY NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574530152304600		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NNW	0.15	802.94	63.81	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.75758
Source Map Scale:	63360	Longitude:	-152.5152448
Monitoring Loc Name:	BUSKIN R 0.3MI AB DEVILS C NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297437		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:	18.9		
Drainage Area Unit:	sq mi		
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	50		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.
Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	N	0.17	883.93	62.12	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	37	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	37	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19681002	Latitude:	57.7581356
Source Map Scale:	63360	Longitude:	-152.5133002
Monitoring Loc Name:	SC02802010CCCA1 003		
Monitoring Loc Identifier:	USGS-574532152304001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SSE	0.18	945.41	69.36	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	19	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	19	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880418	Latitude:	57.7528572
Source Map Scale:	1000	Longitude:	-152.5108004
Monitoring Loc Name:	SC02802015BCAD1 012		
Monitoring Loc Identifier:	USGS-574513152303101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	56.6		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NNW	0.18	947.32	66.18	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	23.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	24	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880419	Latitude:	57.7578578
Source Map Scale:	1000	Longitude:	-152.5158003
Monitoring Loc Name:	SC02802010CCCC1 009		
Monitoring Loc Identifier:	USGS-574531152304901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 29.5
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NNW	0.19	980.66	67.09	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	17.7	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	20081022	Latitude:	57.7581634
Source Map Scale:	63360	Longitude:	-152.5151336
Monitoring Loc Name:	SC02802010ACCC1 013 MW-34-041		
Monitoring Loc Identifier:	USGS-574532152304701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	33		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	NNW	0.21	1,089.47	66.60	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	17	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	22	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	20041004	Latitude:	57.7585801
Source Map Scale:	163360	Longitude:	-152.5146336
Monitoring Loc Name:	SC02802010ACCC2 013 MW-34-033		
Monitoring Loc Identifier:	USGS-574534152304501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	37		
Vertical Measure Unit:	feet		
Vertical Accuracy:	1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NNW	0.21	1,108.12	67.71	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	14	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	14	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19950912	Latitude:	57.7583579
Source Map Scale:	63360	Longitude:	-152.5158559
Monitoring Loc Name:	SC02802010CCCC2 009 MW-14-006		
Monitoring Loc Identifier:	USGS-574533152304901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: .1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)
 Horiz Coord Refer System: NAD83
 Vertical Measure: 33.
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NNW	0.27	1,434.32	69.87	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	27.5	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	27.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	20000712	Latitude:	57.7590524
Source Map Scale:	63360	Longitude:	-152.5169392
Monitoring Loc Name:	SC02802009DDDD1 006 MW-14-010		
Monitoring Loc Identifier:	USGS-574535152305301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	37.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NW	0.28	1,495.80	70.66	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7590246
Source Map Scale:	63360	Longitude:	-152.5175782
Monitoring Loc Name:	BUSKIN R 0.4MI AB DEVILS C NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297436		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	50		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NNE	0.29	1,549.69	65.38	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	12	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880121	Latitude:	57.7592468
Source Map Scale:	1000	Longitude:	-152.5085776
Monitoring Loc Name:	SC02802010CDBC1 005		
Monitoring Loc Identifier:	USGS-574536152302301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	24.4		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	S	0.34	1,797.26	112.81	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	5.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	6	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880218	Latitude:	57.7503568
Source Map Scale:	1000	Longitude:	-152.5138563
Monitoring Loc Name:	SC02802015BCCD1 006		
Monitoring Loc Identifier:	USGS-574504152304201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 66.2
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NNE	0.34	1,806.54	67.25	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7598025
 Source Map Scale: Longitude: -152.507744
 Monitoring Loc Name: LK LOUISE OUTLET NR KODIAK AK
 Monitoring Loc Identifier: USGS-574538152301000
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	S	0.35	1,861.50	114.04	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7501667
Source Map Scale:	63360	Longitude:	-152.5136389
Monitoring Loc Name:	DEVILS C AB RUNWAY BL HWY NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574505152304200		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:	4.01		
Drainage Area Unit:	sq mi		
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from Digital MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100		
Vertical Measure Unit:	feet		
Vertical Accuracy:	25		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	NW	0.39	2,070.45	69.56	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7592469
Source Map Scale:		Longitude:	-152.5213562
Monitoring Loc Name:	UNNAMED TRIB 2 TO BUSKIN R NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574536152310900		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	N	0.44	2,308.56	63.77	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.762025
Source Map Scale:		Longitude:	-152.5138555
Monitoring Loc Name:	RED LK INLET DITCH SE NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574546152304200		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			

Wells and Additional Sources Detail Report

Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	NNW	0.45	2,386.17	65.98	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	29	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	33	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19681001	Latitude:	57.7614694
Source Map Scale:	63360	Longitude:	-152.5188559
Monitoring Loc Name:	SC02802009DADA1 002		
Monitoring Loc Identifier:	USGS-574544152310001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	E	0.45	2,389.59	61.41	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	25	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	29	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880418	Latitude:	57.7548018
Source Map Scale:	1000	Longitude:	-152.500244
Monitoring Loc Name:	SC02802015ABCA1 013		
Monitoring Loc Identifier:	USGS-574520152295301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	24.0		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	NNW	0.47	2,476.07	63.28	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7623028
Source Map Scale:		Longitude:	-152.5160778
Monitoring Loc Name:	RED LK NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574547152305000		
Monitoring Loc Type:	Lake, Reservoir, Impoundment		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		

Wells and Additional Sources Detail Report

Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NNW	0.50	2,632.92	66.05	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7625806
 Source Map Scale: Longitude: -152.517189
 Monitoring Loc Name: RED LK OUTLET WEST NR KODIAK AK
 Monitoring Loc Identifier: USGS-574548152305400
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	N	0.55	2,924.11	62.47	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	8.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	8.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880419	Latitude:	57.7636919
Source Map Scale:	1000	Longitude:	-152.514411
Monitoring Loc Name:	SC02802010CBBA1 007		
Monitoring Loc Identifier:	USGS-574552152304701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	83.1		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	E	0.58	3,080.49	60.03	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7553574
Source Map Scale:		Longitude:	-152.4966326
Monitoring Loc Name:	BUSKIN R NR MOUTH BL BRIDGE 2 NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574522152294000		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	N	0.58	3,084.44	71.66	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7639697
Source Map Scale:		Longitude:	-152.5096884
Monitoring Loc Name:	COAST GUARD LANDFILL DRAIN S NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574553152302700		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			

Wells and Additional Sources Detail Report

Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	NNW	0.59	3,093.47	73.33	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7639697
Source Map Scale:		Longitude:	-152.5166333
Monitoring Loc Name:	LANDFILL POND N OF RED LK NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574553152305200		
Monitoring Loc Type:	Lake, Reservoir, Impoundment		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	E	0.60	3,155.60	56.28	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	27	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880217	Latitude:	57.7545239
Source Map Scale:	1000	Longitude:	-152.4963548
Monitoring Loc Name:	SC02802015AACC1 007		
Monitoring Loc Identifier:	USGS-574519152293901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	16.5		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	NNW	0.62	3,296.34	68.48	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	9	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	9	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880421	Latitude:	57.7642475
Source Map Scale:	1000	Longitude:	-152.5185779
Monitoring Loc Name:	SC02802009DAAA1 005		
Monitoring Loc Identifier:	USGS-574554152305901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 36.2
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	NNE	0.65	3,413.07	60.58	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.763414
 Source Map Scale: Longitude: -152.5030213
 Monitoring Loc Name: LAKE LOUISE ELEV SITE NR KODIAK AK
 Monitoring Loc Identifier: USGS-574551152300300
 Monitoring Loc Type: Lake, Reservoir, Impoundment
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.65	3,421.83	157.40	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7464675
Source Map Scale:		Longitude:	-152.5188568
Monitoring Loc Name:	DEVILS C NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297439		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NNE	0.65	3,427.85	62.24	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	19.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	25	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880119	Latitude:	57.7639697
Source Map Scale:	1000	Longitude:	-152.504688
Monitoring Loc Name:	SC02802010CAAA1 006		
Monitoring Loc Identifier:	USGS-574553152300901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 28.0
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	NNW	0.65	3,439.26	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	15.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	25	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880118	Latitude:	57.7642475
Source Map Scale:	1000	Longitude:	-152.5205224
Monitoring Loc Name:	SC02802009DAAB1 003		
Monitoring Loc Identifier:	USGS-574554152310601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	36.1		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	N	0.66	3,492.71	71.01	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	7	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	7	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19860805	Latitude:	57.7650809
Source Map Scale:	63360	Longitude:	-152.5094105
Monitoring Loc Name:	SC02802010BDCB1 011		
Monitoring Loc Identifier:	USGS-574557152302601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	58.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	NNW	0.66	3,509.38	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:		Latitude:	57.7645253
Source Map Scale:		Longitude:	-152.5202446
Monitoring Loc Name:	BUSKIN R NR KODIAK AK		
Monitoring Loc Identifier:	USGS-15297440		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	WNW	0.67	3,519.52	150.47	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	14.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15.51	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880120	Latitude:	57.7603582
Source Map Scale:	1000	Longitude:	-152.5288566
Monitoring Loc Name:	SC02802009DCBA1 004		
Monitoring Loc Identifier:	USGS-574540152313601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 134.5
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	E	0.69	3,666.95	43.29	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	145	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	145	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19740428	Latitude:	57.7539683
Source Map Scale:	63360	Longitude:	-152.4938547
Monitoring Loc Name:	SC02802015AACD1 004		
Monitoring Loc Identifier:	USGS-574517152293001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	50.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNW	0.69	3,669.09	66.27	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	27	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	27	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680928	Latitude:	57.7648032
Source Map Scale:	63360	Longitude:	-152.521078
Monitoring Loc Name:	SC02802009ADCD1 001		
Monitoring Loc Identifier:	USGS-574556152310801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	SSW	0.70	3,669.92	178.68	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	18	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	18	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680927	Latitude:	57.7459119
Source Map Scale:	63360	Longitude:	-152.5196903
Monitoring Loc Name:	SC02802016DDAB1 001		
Monitoring Loc Identifier:	USGS-574448152310301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 200.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 50
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	NNW	0.73	3,865.54	66.27	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7656366
Source Map Scale:		Longitude:	-152.5199668
Monitoring Loc Name:	BUSKIN R AT BRIDGE 6 NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574559152310400		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			

Wells and Additional Sources Detail Report

Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	ESE	0.75	3,950.62	49.68	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	34.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	38	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880123	Latitude:	57.7495233
Source Map Scale:	1000	Longitude:	-152.4955218
Monitoring Loc Name:	SC02802015DABB1 010		
Monitoring Loc Identifier:	USGS-574501152293601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	36.0		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	SE	0.77	4,055.16	63.65	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	26.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880123	Latitude:	57.7464675
Source Map Scale:	1000	Longitude:	-152.4999668
Monitoring Loc Name:	SC02802015DCAB1 009		
Monitoring Loc Identifier:	USGS-574450152295201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	51.5		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SE	0.78	4,092.77	52.90	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	30.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	38.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880420	Latitude:	57.7484121
Source Map Scale:	1000	Longitude:	-152.4960775
Monitoring Loc Name:	SC02802015DABC1 016		
Monitoring Loc Identifier:	USGS-574457152293801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure: 39.4
 Vertical Measure Unit: feet
 Vertical Accuracy: .1
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	NNE	0.78	4,098.38	90.66	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7661922
 Source Map Scale: Longitude: -152.5055213
 Monitoring Loc Name: COAST GUARD LANDFILL DRAIN E NR KODIAK AK
 Monitoring Loc Identifier: USGS-574558152302200
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SSE	0.79	4,152.12	97.50	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7453563
Source Map Scale:		Longitude:	-152.5021892
Monitoring Loc Name:	DRURY GULCH AT KODIAK ISLAND HWY NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574446152300000		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	NNE	0.80	4,203.14	96.80	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	6.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	6.5	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19860805	Latitude:	57.7667478
Source Map Scale:	63360	Longitude:	-152.5069102
Monitoring Loc Name:	SC02802010BDBC1 012		
Monitoring Loc Identifier:	USGS-574603152301701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 77.
 Vertical Measure Unit: feet
 Vertical Accuracy: 10
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	N	0.80	4,232.46	65.35	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	18.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880118	Latitude:	57.7673034
Source Map Scale:	1000	Longitude:	-152.5135773
Monitoring Loc Name:	SC02802010BCAC1 004		
Monitoring Loc Identifier:	USGS-574605152304101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	44.7		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	NNE	0.81	4,274.18	83.96	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	13.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	14	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880419	Latitude:	57.76647
Source Map Scale:	1000	Longitude:	-152.50441
Monitoring Loc Name:	SC02802010BDCA1 008		
Monitoring Loc Identifier:	USGS-574602152301701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	73.9		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SSE	0.82	4,346.12	84.67	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	18	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	19	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	19880421	Latitude:	57.7445229
Source Map Scale:	1000	Longitude:	-152.5030226
Monitoring Loc Name:	SC02802015DCCB1 014		
Monitoring Loc Identifier:	USGS-574443152300301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	68.1		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	NNE	0.85	4,503.81	66.08	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7659143
Source Map Scale:		Longitude:	-152.4999654
Monitoring Loc Name:	CATHERINE (MARGARET) LK NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574600152295200		
Monitoring Loc Type:	Lake, Reservoir, Impoundment		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		

Wells and Additional Sources Detail Report

Horizontal Collection Interpolated from MAP.
 Mthd:
 Horiz Coord Refer NAD83
 System:
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	E	0.86	4,521.42	14.99	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	25	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	29	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880218	Latitude:	57.7531348
Source Map Scale:	1000	Longitude:	-152.4896878
Monitoring Loc Name:	SC02802014BCBB1 002		
Monitoring Loc Identifier:	USGS-574514152291501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	17.4		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	N	0.86	4,537.14	67.21	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-AK	Formation Type:	Quaternary System
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	23	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	23	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19860805	Latitude:	57.7681369
Source Map Scale:	63360	Longitude:	-152.512466
Monitoring Loc Name:	SC02802010BCAB1 010		
Monitoring Loc Identifier:	USGS-574608152303701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	45.		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	N	0.86	4,552.09	67.47	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7681369
Source Map Scale:		Longitude:	-152.511077
Monitoring Loc Name:	COAST GUARD LANDFILL DRAIN N NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574603152303000		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SSE	0.88	4,639.18	62.91	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	42.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	45	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19880125	Latitude:	57.744245
Source Map Scale:	1000	Longitude:	-152.5008003
Monitoring Loc Name:	SC02802015DCCA1 008		
Monitoring Loc Identifier:	USGS-574442152295501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	53.9		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.1		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	N	0.90	4,738.85	66.53	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:	10	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	10	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	KODIAK ISLAND BOROUGH
Construction Date:	19680928	Latitude:	57.7686925
Source Map Scale:	63360	Longitude:	-152.5132994
Monitoring Loc Name:	SC02802010BBDB1 001		
Monitoring Loc Identifier:	USGS-574610152304001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	100.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	50		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	N	0.94	4,946.02	61.24	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH

Wells and Additional Sources Detail Report

Construction Date:	Latitude:	57.7692481
Source Map Scale:	Longitude:	-152.5141328
Monitoring Loc Name:	BUSKIN R 1.3 MI BL BUSKIN LK NR KODIAK AK	
Monitoring Loc Identifier:	USGS-574612152304300	
Monitoring Loc Type:	Stream	
Monitoring Loc Desc:		
HUC Eight Digit Code:	19020701	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	Unknown	
Horizontal Accuracy Unit:	Unknown	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:		
Vertical Measure Unit:		
Vertical Accuracy:		
Vertical Accuracy Unit:		
Vertical Collection Mthd:		
Vert Coord Refer System:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	N	0.94	4,951.82	59.30	FED USGS

Organiz Identifier:	USGS-AK	Formation Type:	
Organiz Name:	USGS Alaska Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	KODIAK ISLAND BOROUGH
Construction Date:		Latitude:	57.7692481
Source Map Scale:		Longitude:	-152.5146884
Monitoring Loc Name:	UNNAMED TR TO BUSKIN R NR KODIAK AK		
Monitoring Loc Identifier:	USGS-574612152304500		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	19020701		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	Unknown		
Horizontal Accuracy Unit:	Unknown		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	NNW	0.98	5,164.71	68.12	FED USGS

Organiz Identifier: USGS-AK Formation Type:
 Organiz Name: USGS Alaska Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: KODIAK ISLAND BOROUGH
 Construction Date: Latitude: 57.7686926
 Source Map Scale: Longitude: -152.5235779
 Monitoring Loc Name: MAGAZINE C AT .9 MI ANTON LARSEN RD NR KODIAK AK
 Monitoring Loc Identifier: USGS-574610152311700
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 19020701
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: Unknown
 Horizontal Accuracy Unit: Unknown
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure:
 Vertical Measure Unit:
 Vertical Accuracy:
 Vertical Accuracy Unit:
 Vertical Collection Mthd:
 Vert Coord Refer System:

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *KODIAK ISLAND* County: **3**

- Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L*
- Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L*
- Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L*

Federal Area Radon Information for *KODIAK ISLAND* County

No Measures/Homes:	27
Geometric Mean:	0.2
Arithmetic Mean:	0.4
Median:	0.2
Standard Deviation:	0.6
Maximum:	2.4
% >4 pCi/L:	0
% >20 pCi/L:	0
Notes on Data Table:	TABLE 2. Screening indoor radon data from the EPA/State Residential Radon Survey of Alaska conducted during 1988-89. Data represent 2-7 day charcoal canister lowest level of each home tested. measurements from the

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Oil and Gas Wells

OGW

A list of Oil and Gas Wells made available by Alaska's Oil and Gas Conservation Commission.

Public Water Systems

PWS

List of Alaska's active public water system (PWS) source locations for wells, intake, springs, infiltration galleries, and rain catchment facility types. Data from the Alaska Department of Environmental Conservation's (ADEC) Safe Drinking Water Information Systems (SDWIS) State database.

Well Log Tracking System

WATER WELLS

A list of Water Well Logs from the Alaska Department of Natural Resources. Data originates from the Well Log Tracking System (WELTS), which contains water well construction and lithologic information submitted to the Division of Mining, Land and Water, Alaska Hydrologic Survey by water well contractors.

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APPENDIX D

**HISTORICAL AERIAL PHOTOGRAPHS,
TOPOGRAPHIC MAPS, FIRE INSURANCE
MAPS, AND CITY DIRECTORIES**



HISTORICAL AERIALS

Project Property: Kodiak Airport Structure
Removal
Lot 3, Block 1400, Airport Way
Kodiak AK

Project No: 2658.13

Requested By: R&M Consultants, Inc.

Order No: 21102200602

Date Completed: October 25, 2021

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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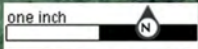
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2004	United States Departments of Agriculture	1" = 500'	
1978	National Aeronautics And Space Admin	1" = 500'	
1973	United States Air Force	1" = 500'	
1964	United States Fish & Wildlife Services	1" = 500'	
1951	United States Navy	1" = 500'	

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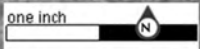


Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51420989,57.75563031

Order No: 21102200602





Year: 1978
Source: NASA
Scale: 1" = 500'
Comment:

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51420989,57.75563031

Order No: 21102200602



one inch

N



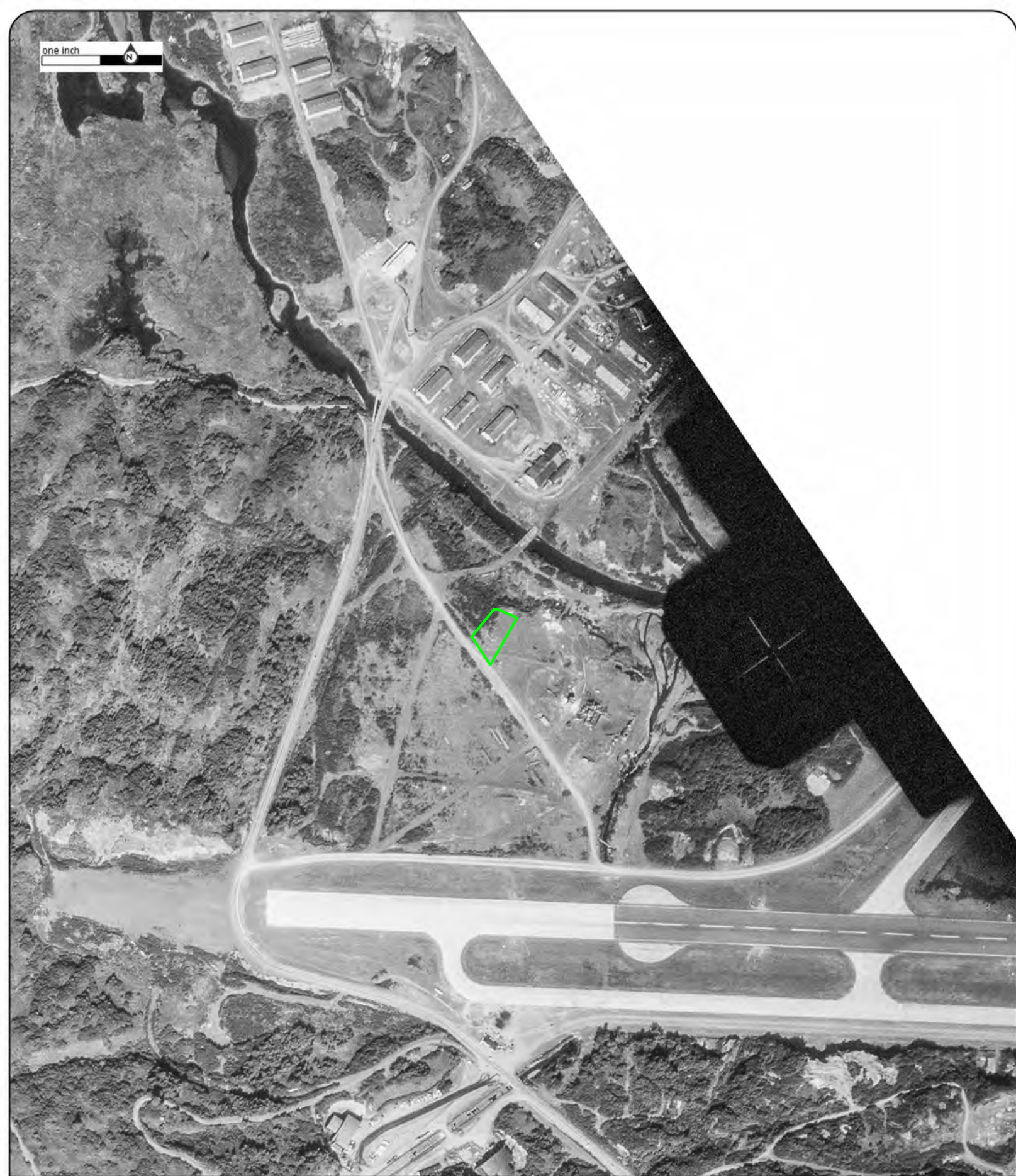
Year: 1973
Source: USAF
Scale: 1" = 500'
Comment:

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51420989,57.75563031

Order No: 21102200602



one inch



Year: 1964
Source: USFWS
Scale: 1" = 500'
Comment:

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51420989,57.75563031

Order No: 21102200602



one inch

N



Year: 1951
Source: USN
Scale: 1" = 500'
Comment:

Address: Lot 3, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51420989,57.75563031

Order No: 21102200602





FIRE INSURANCE MAPS

Project Property: Kodiak Airport Structure Removal
Lot 3, Block 1400, Airport Way
Kodiak AK

Project No: 2658.13

Requested By: R&M Consultants, Inc.

Order No: 21102200602

Date Completed: October 23, 2021

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services

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TOPOGRAPHIC MAPS

Project Property:	Kodiak Airport Structure Removal Lot 3, Block 1400, Airport Way Kodiak AK
Project No:	2658.13
Requested By:	R&M Consultants, Inc.
Order No:	21102200602
Date Completed:	October 24, 2021

Environmental Risk Information Services

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1987	7.5
1984	15
1979	15
1971	15
1967	15
1966	15
1963	15
1951	15
1949	15

Topographic Map Symbolology for the maps may be available in the following documents:

Pre-1947

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

1947-2009

[Topographic Map Symbols](#)

2009-present

[US Topo Map Symbols](#)

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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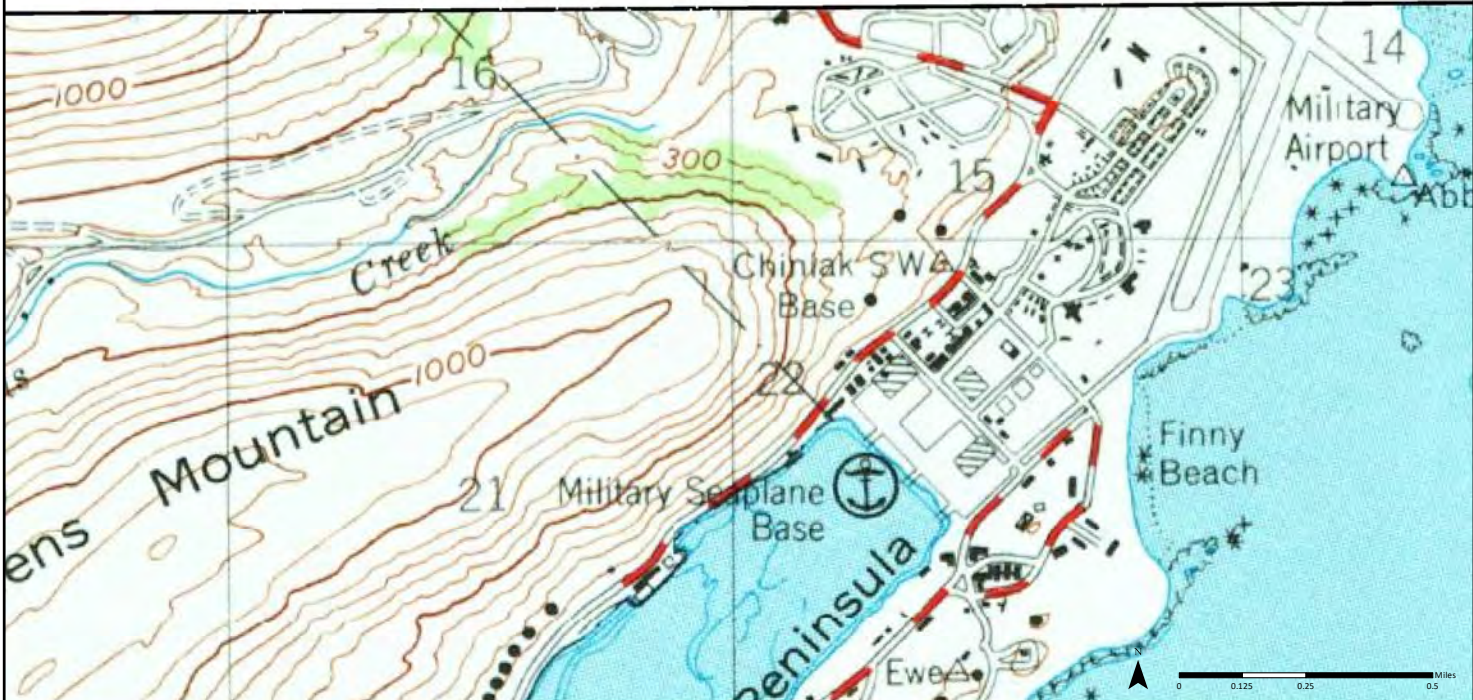
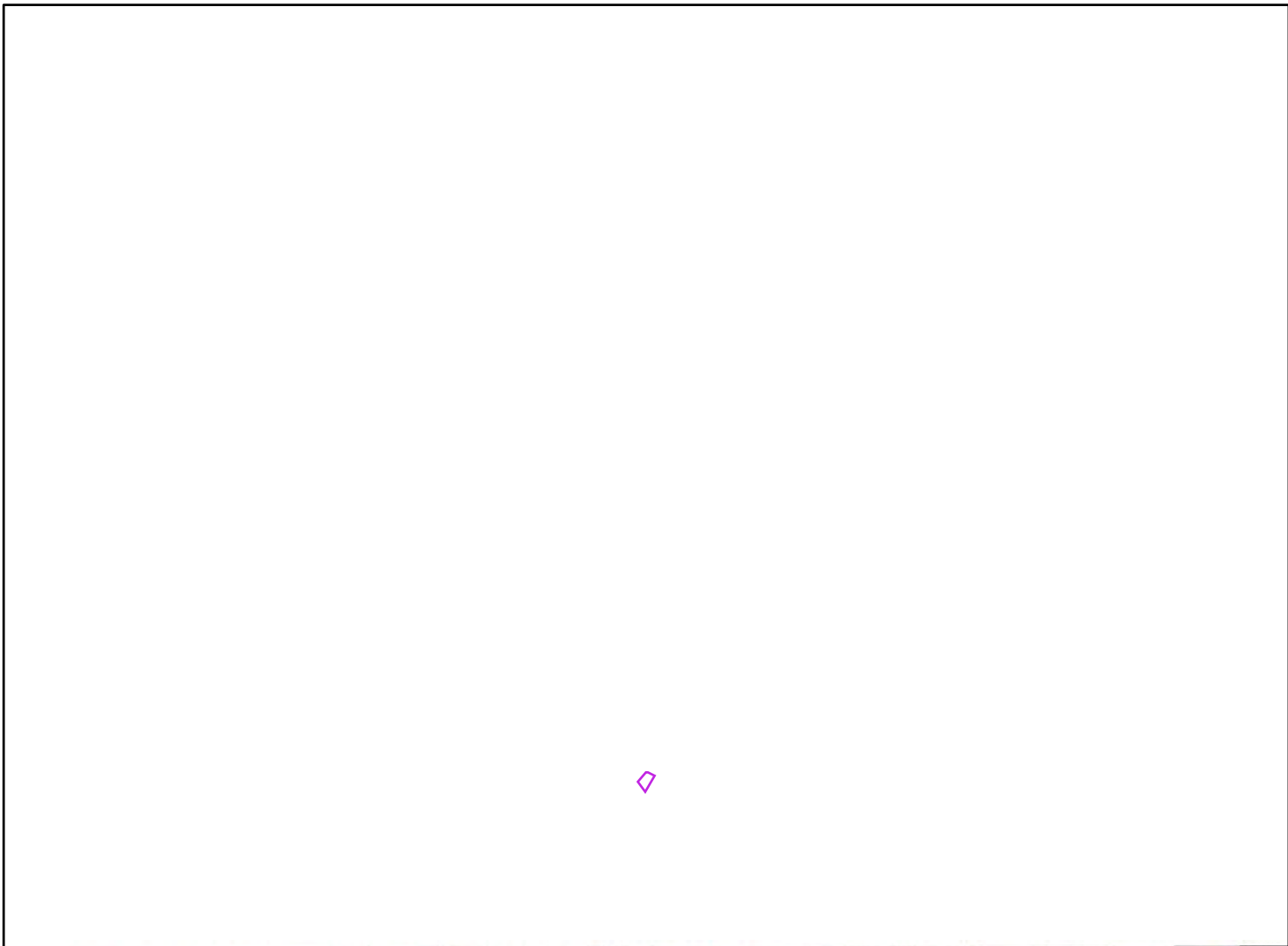
1987 (1) Aerial Photo Year: 1983 (2) Aerial Photo Year: 1981 (3) Aerial Photo Year: 1981 (4) Aerial Photo Year: 1982

Quadrangle(s): Kodiak C-2 NE, AK₍₁₎; Kodiak C-2 NW, AK₍₂₎; Kodiak D-2 SW, AK₍₃₎; Kodiak D-2 SE, AK₍₄₎

Order No. 21102200602

Source: USGS 7.5 Minute Topographic Map





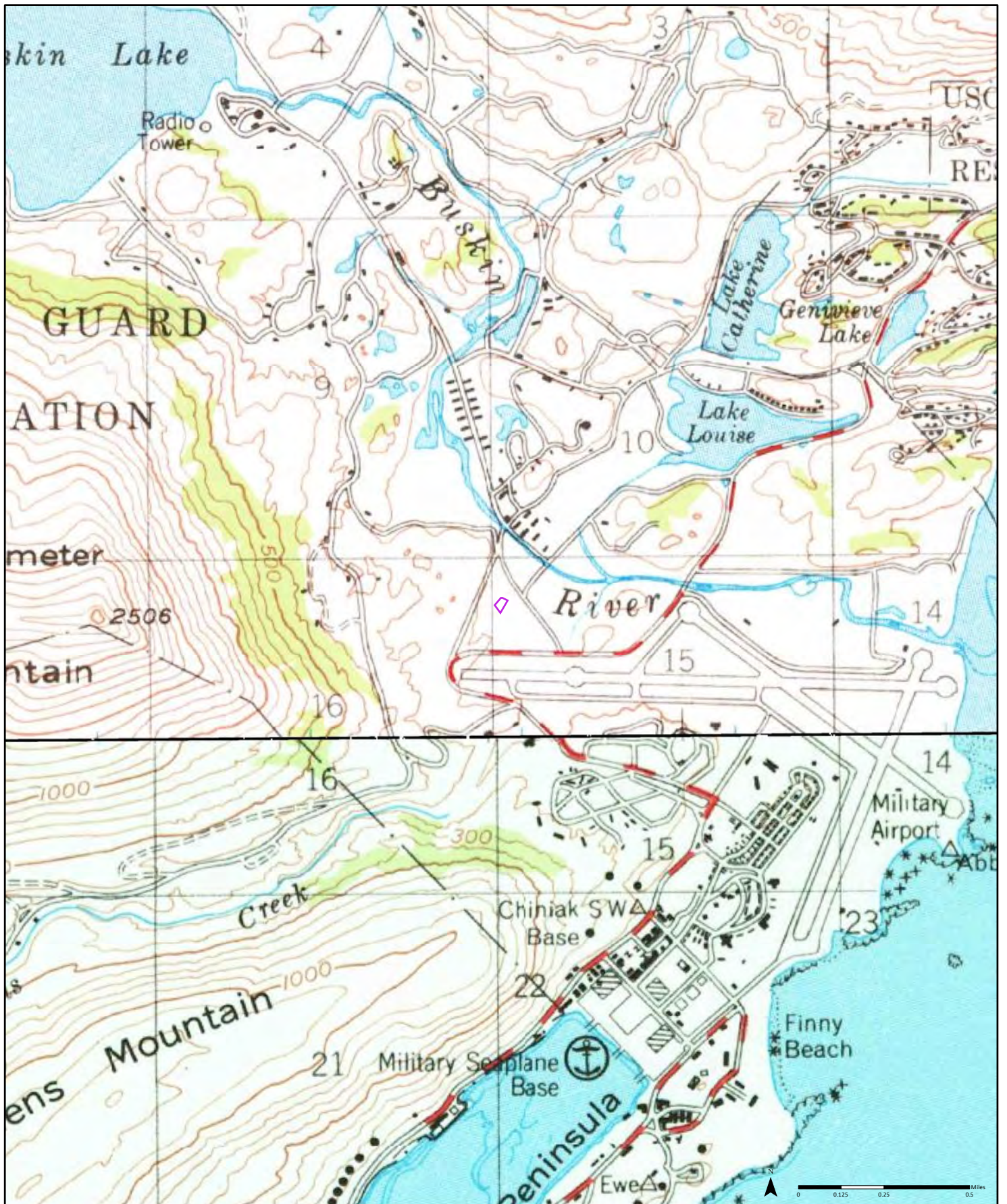
1984 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak C-2, AK⁽¹⁾

Order No. 21102200602

Source: USGS 15 Minute Topographic Map





1979

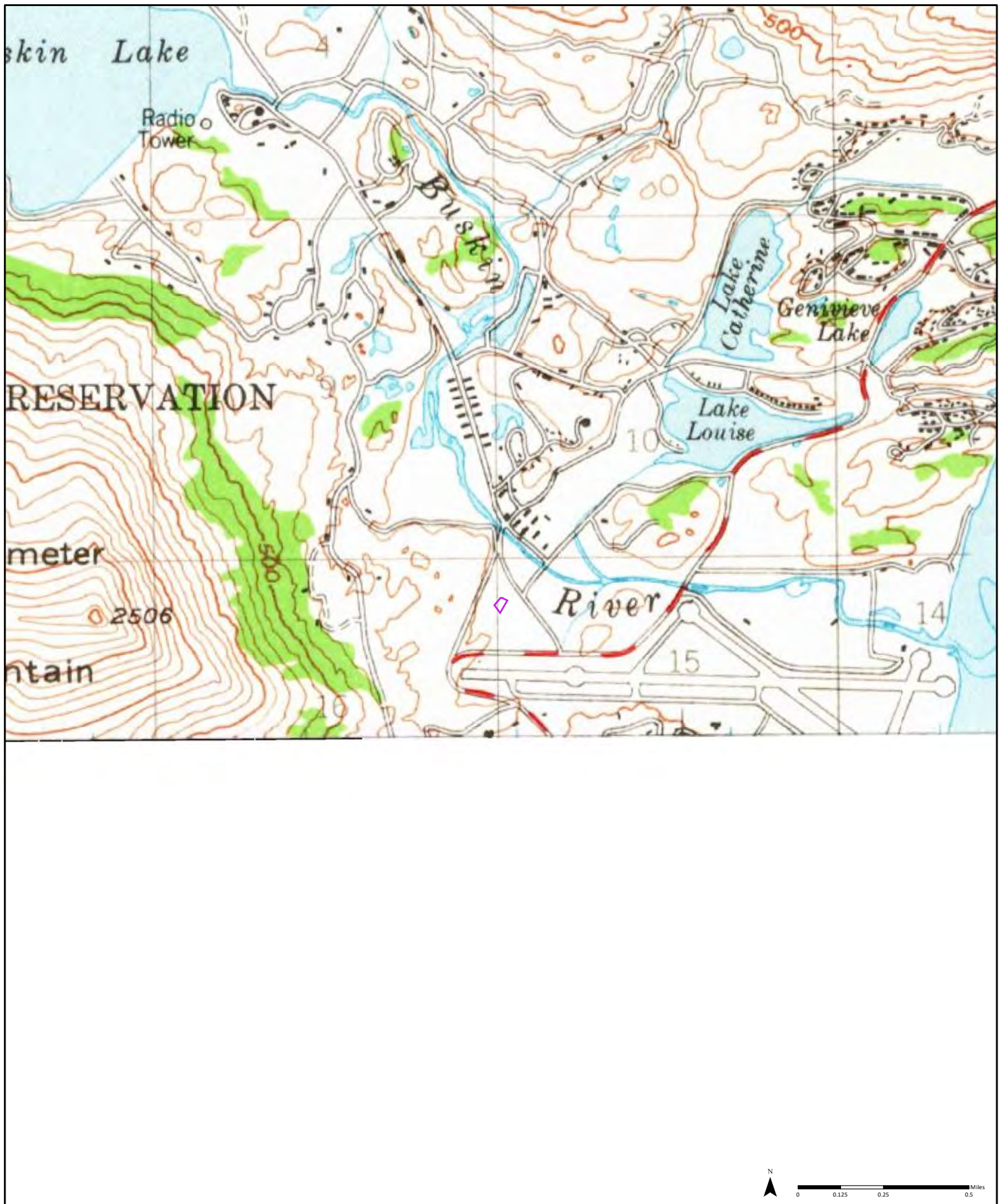
(1) Aerial Photo Year: 1947

(2) Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎; Kodiak C-2, AK₍₂₎

Order No. 21102200602

Source: USGS 15 Minute Topographic Map



1971 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎

Order No. 21102200602

Source: USGS 15 Minute Topographic Map





1967

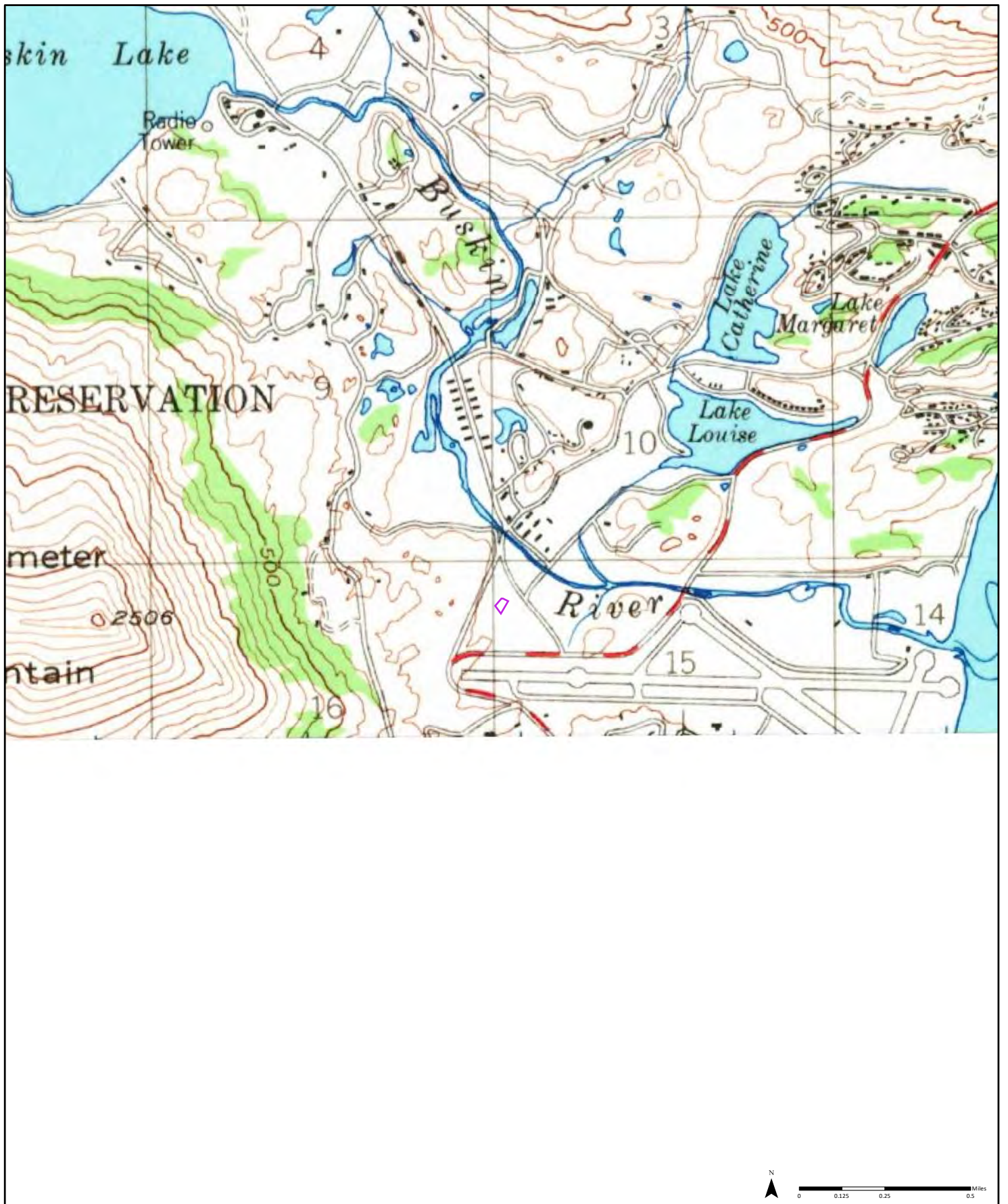
⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak C-2, AK⁽¹⁾

Order No. 21102200602

Source: USGS 15 Minute Topographic Map





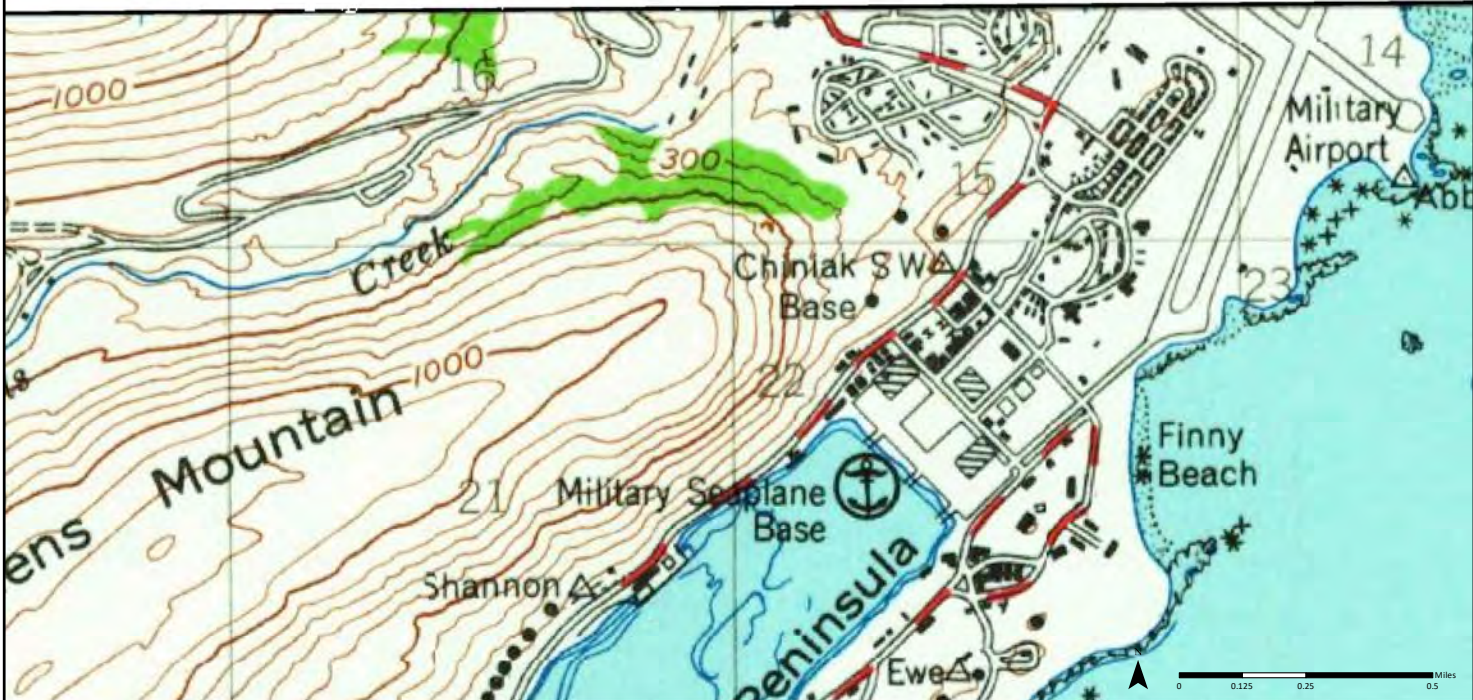
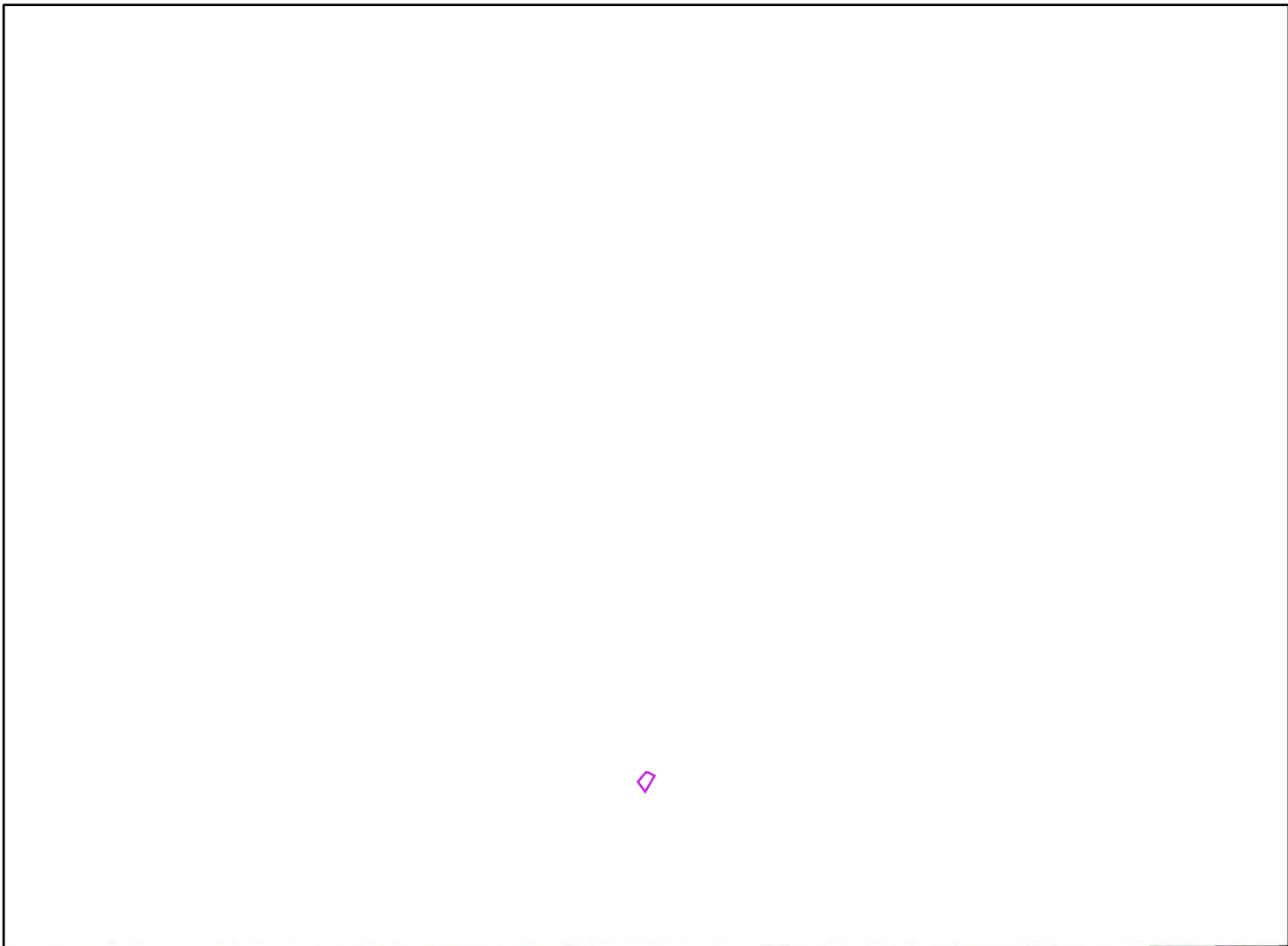
1966 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎

Order No. 21102200602

Source: USGS 15 Minute Topographic Map





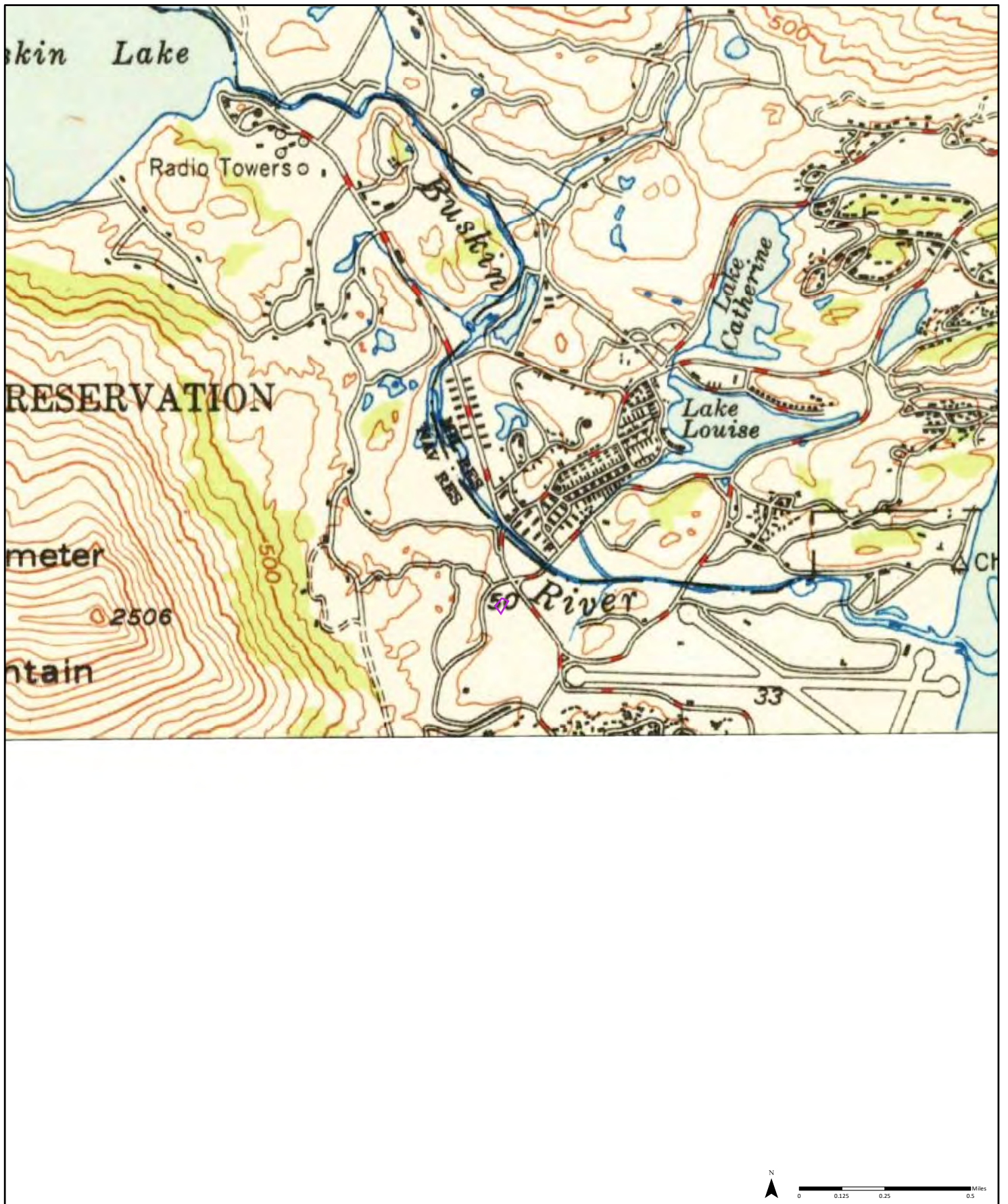
1963 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak C-2, AK⁽¹⁾

Order No. 21102200602

Source: USGS 15 Minute Topographic Map





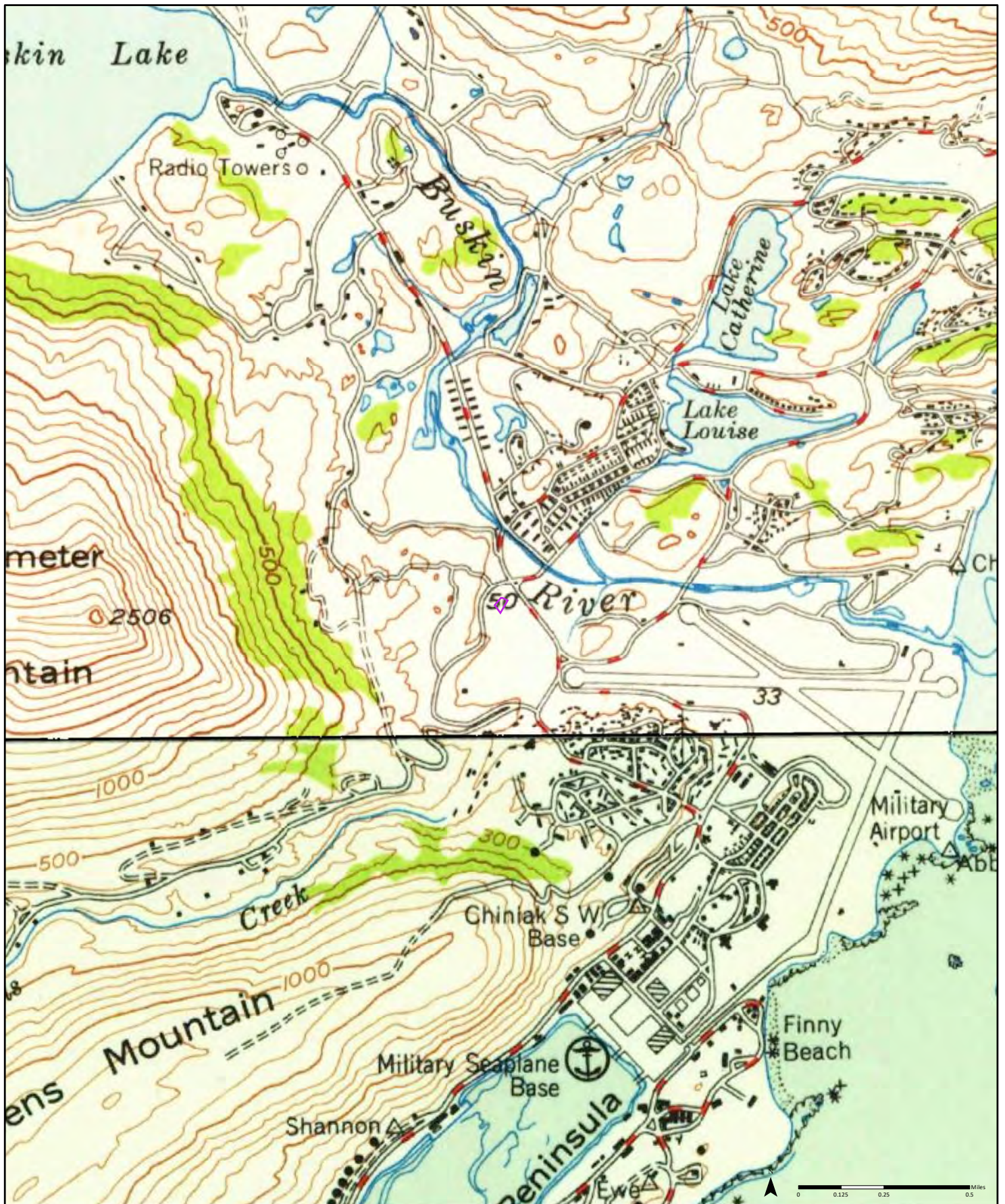
1951 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎

Order No. 21102200602

Source: USGS 15 Minute Topographic Map





1949

⁽¹⁾ Aerial Photo Year: 1947

⁽²⁾ Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎; Kodiak C-2, AK₍₂₎

Order No. 21102200602

Source: USGS 15 Minute Topographic Map



HISTORICAL AERIALS

Project Property: Kodiak Airport Structure
Removal (Lot 5A)
Lot 5A, Block 1400, Airport Way
Kodiak AK 99615

Project No: 2658.13

Requested By: R&M Consultants, Inc.

Order No: 21102200605

Date Completed: October 25, 2021

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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Date	Source	Scale	Comments
2004	United States Departments of Agriculture	1" = 500'	
1978	National Aeronautics And Space Admin	1" = 500'	
1973	United States Air Force	1" = 500'	
1964	United States Fish & Wildlife Services	1" = 500'	Best Copy Available
1951	United States Navy	1" = 500'	

Environmental Risk Information Services

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one inch

N

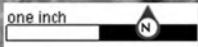


Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51288362,57.75547762

Order No: 21102200605





Year: 1978
Source: NASA
Scale: 1" = 500'
Comment:

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51288362,57.75547762

Order No: 21102200605



one inch



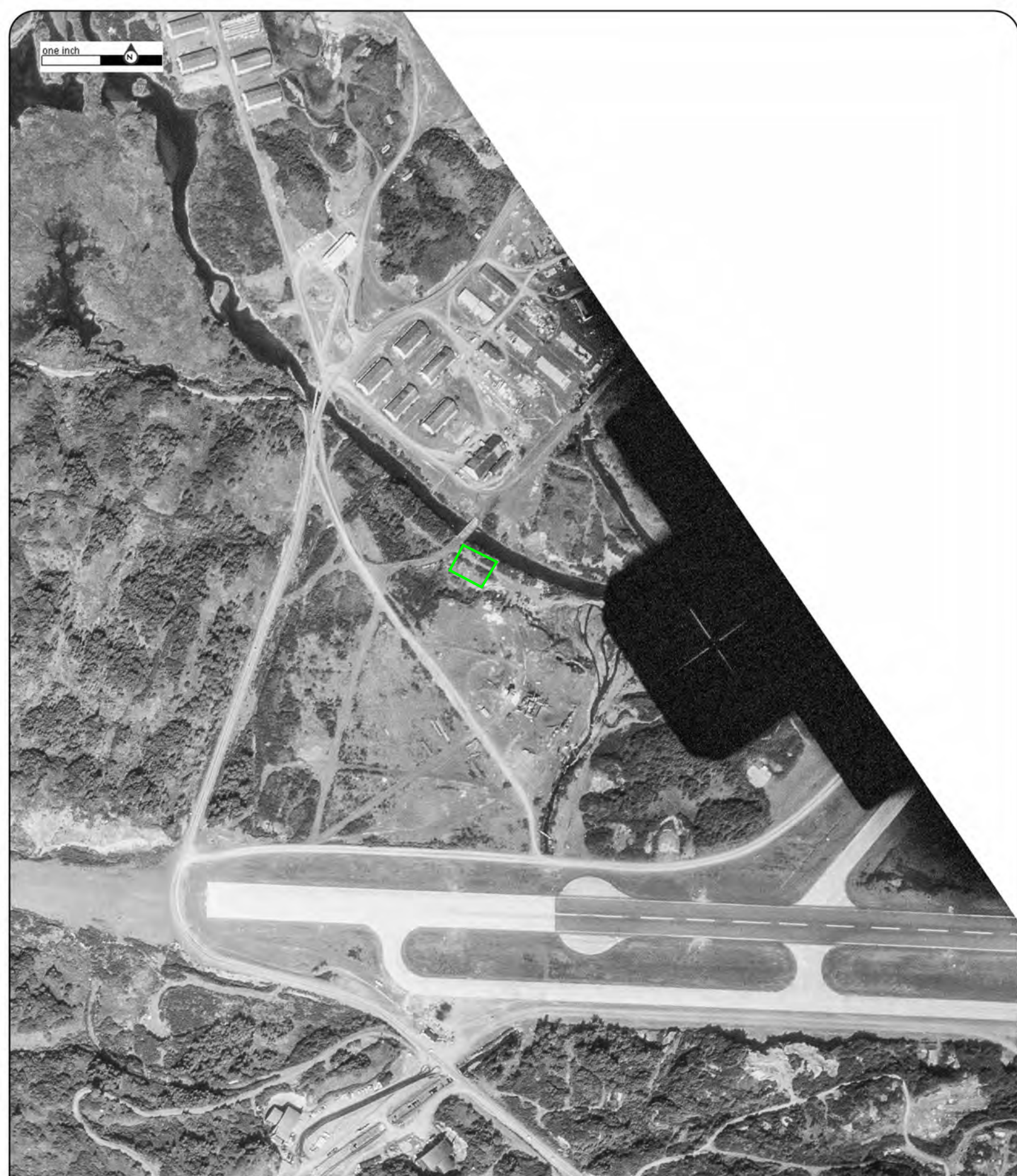
Year: 1973
Source: USAF
Scale: 1" = 500'
Comment:

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51288362,57.75547762

Order No: 21102200605



one inch



Year: 1964
Source: USFWS
Scale: 1" = 500'

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51288362,57.75547762

Order No: 21102200605

Comment: Best Copy Available



one inch



Year: 1951
Source: USN
Scale: 1" = 500'
Comment:

Address: Lot 5A, Block 1400, Airport Way, Kodiak, AK
Approx Center: -152.51288362,57.75547762

Order No: 21102200605





FIRE INSURANCE MAPS

Project Property: Kodiak Airport Structure Removal (Lot 5A)
Lot 5A, Block 1400, Airport Way
Kodiak AK 99615

Project No: 2658.13

Requested By: R&M Consultants, Inc.

Order No: 21102200605

Date Completed: October 23, 2021

Please note that no information was found for your site or adjacent properties.



TOPOGRAPHIC MAPS

Project Property: Kodiak Airport Structure Removal (Lot 5A)
Lot 5A, Block 1400, Airport Way
Kodiak AK 99615

Project No: 2658.13

Requested By: R&M Consultants, Inc.

Order No: 21102200605

Date Completed: October 23, 2021

Environmental Risk Information Services

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1987	7.5
1984	15
1979	15
1971	15
1967	15
1966	15
1963	15
1951	15
1949	15

Topographic Map Symbolology for the maps may be available in the following documents:

Pre-1947

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

1947-2009

[Topographic Map Symbols](#)

2009-present

[US Topo Map Symbols](#)

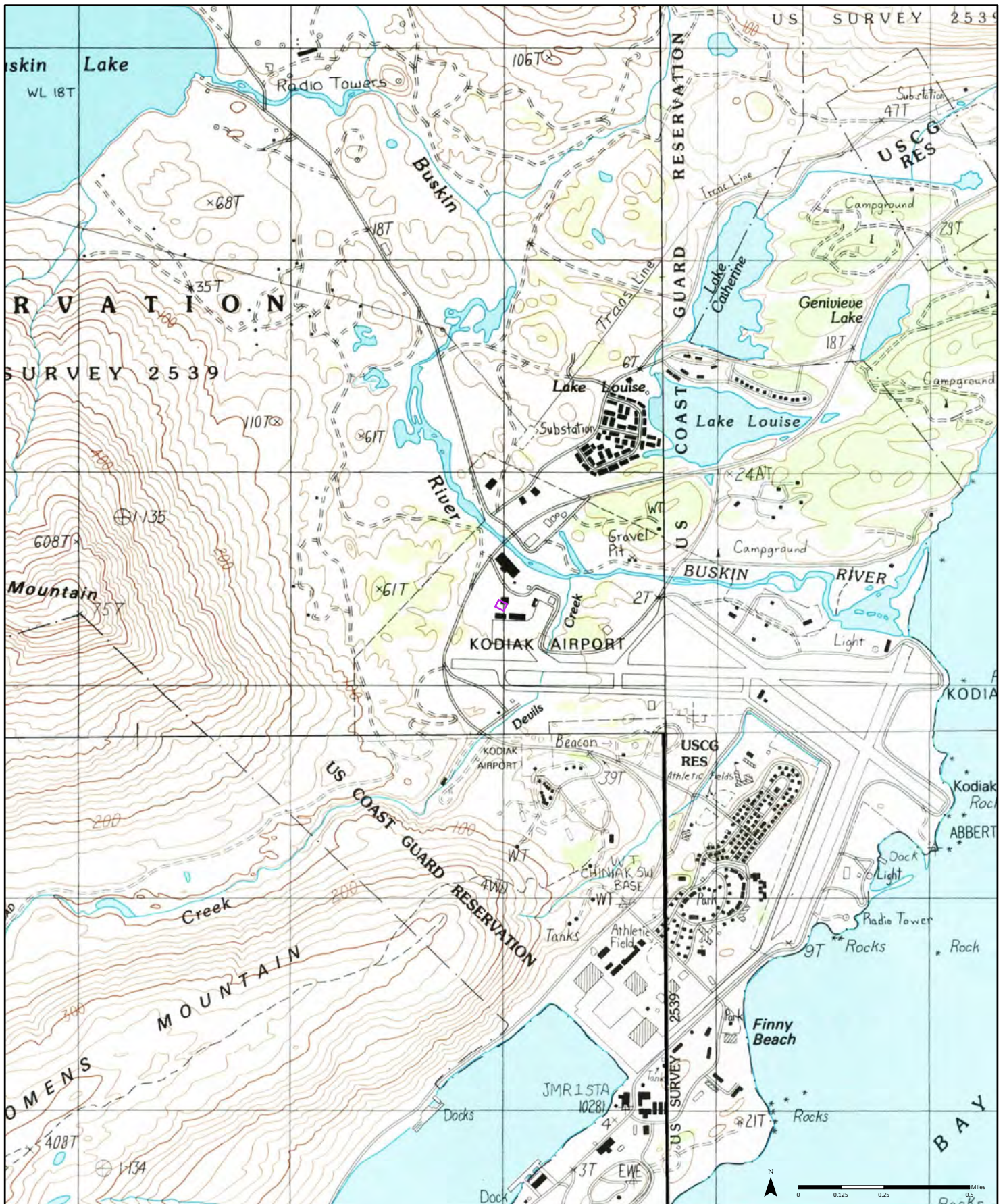
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1987

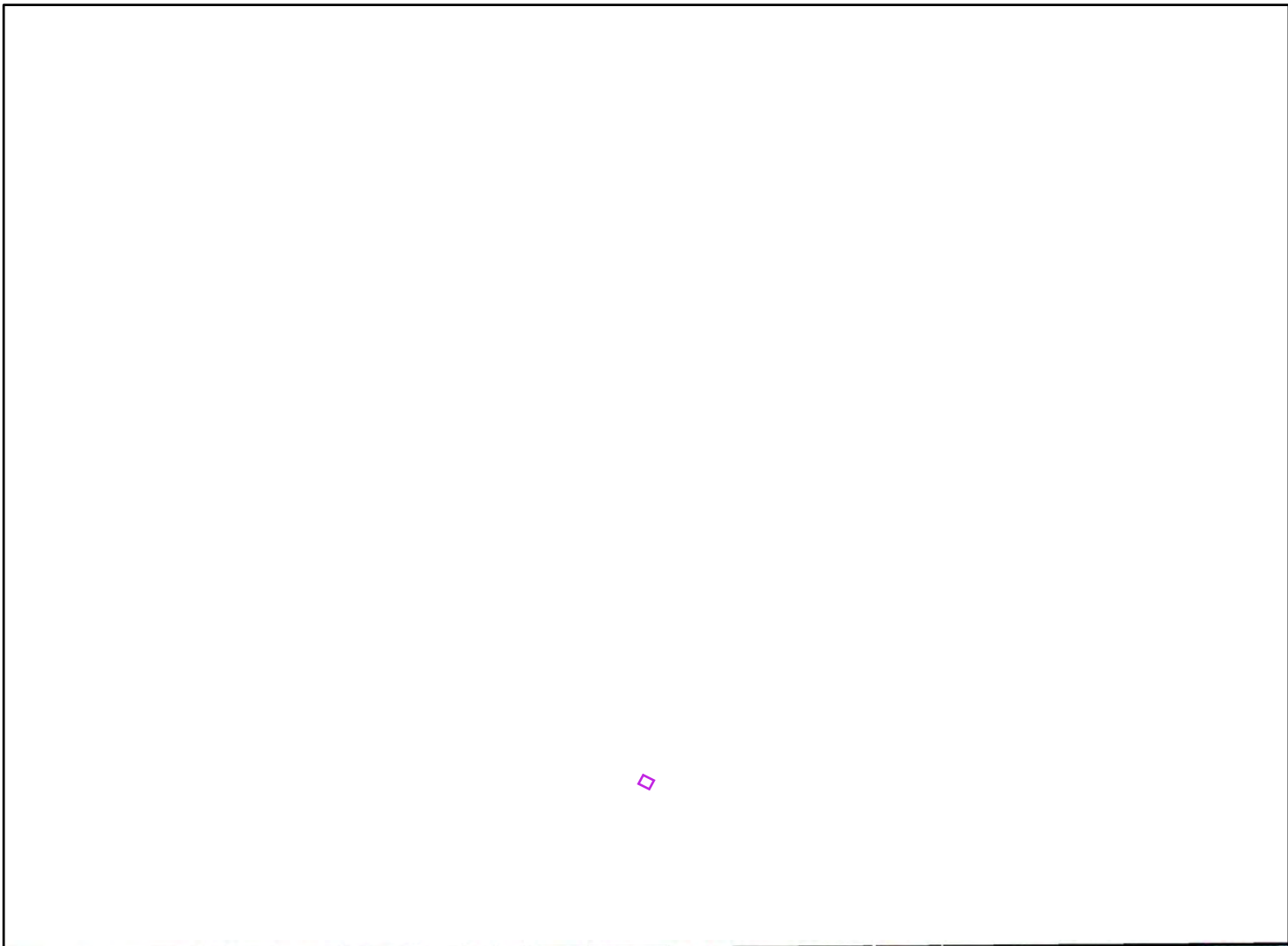
(1) Aerial Photo Year: 1983 (2) Aerial Photo Year: 1981 (3) Aerial Photo Year: 1981 (4) Aerial Photo Year: 1982

Quadrangle(s): Kodiak C-2 NE, AK₍₁₎; Kodiak C-2 NW, AK₍₂₎; Kodiak D-2 SW, AK₍₃₎; Kodiak D-2 SE, AK₍₄₎

Order No. 21102200605

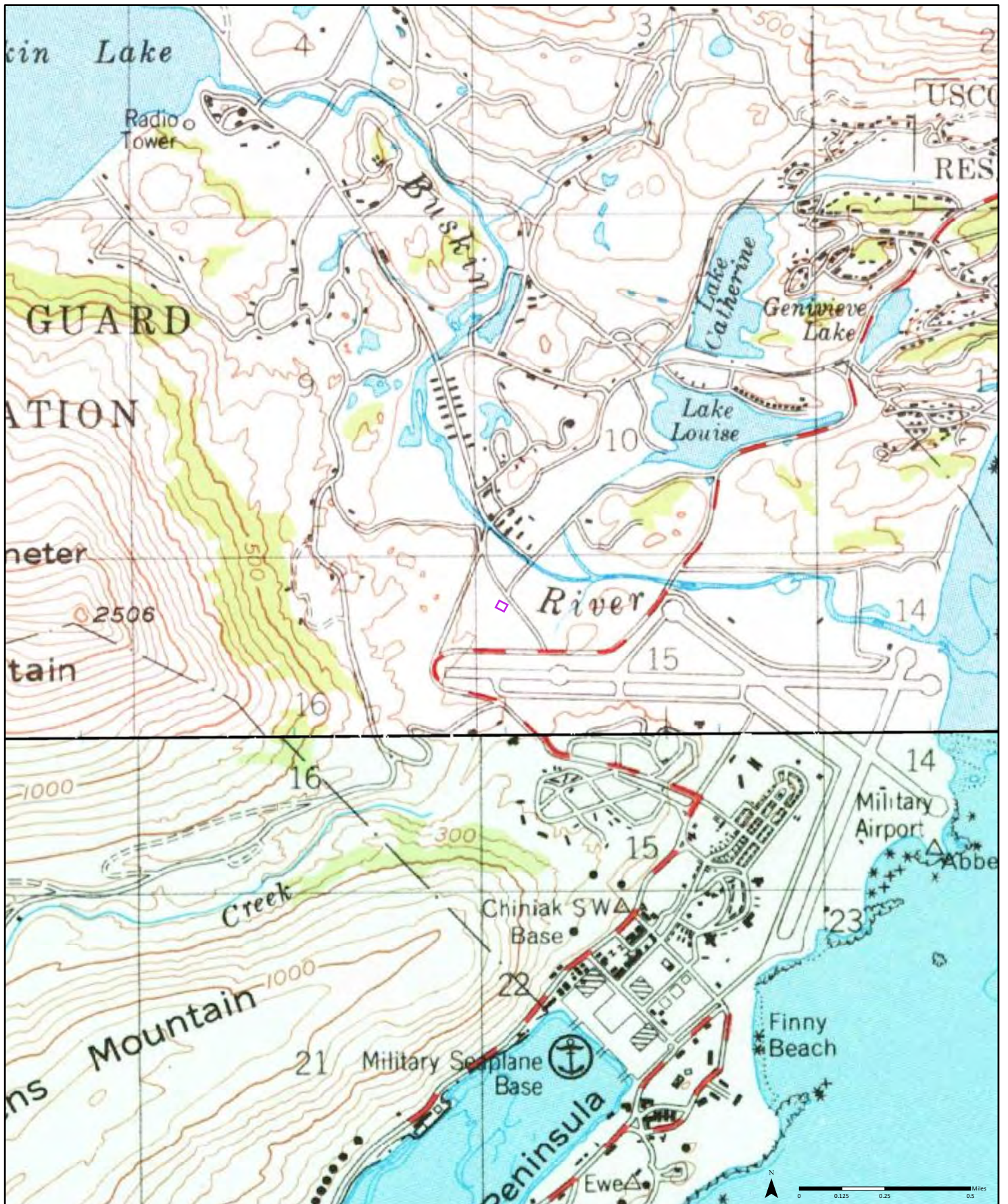
Source: USGS 7.5 Minute Topographic Map





1984 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak C-2, AK⁽¹⁾ Order No. 21102200605



1979

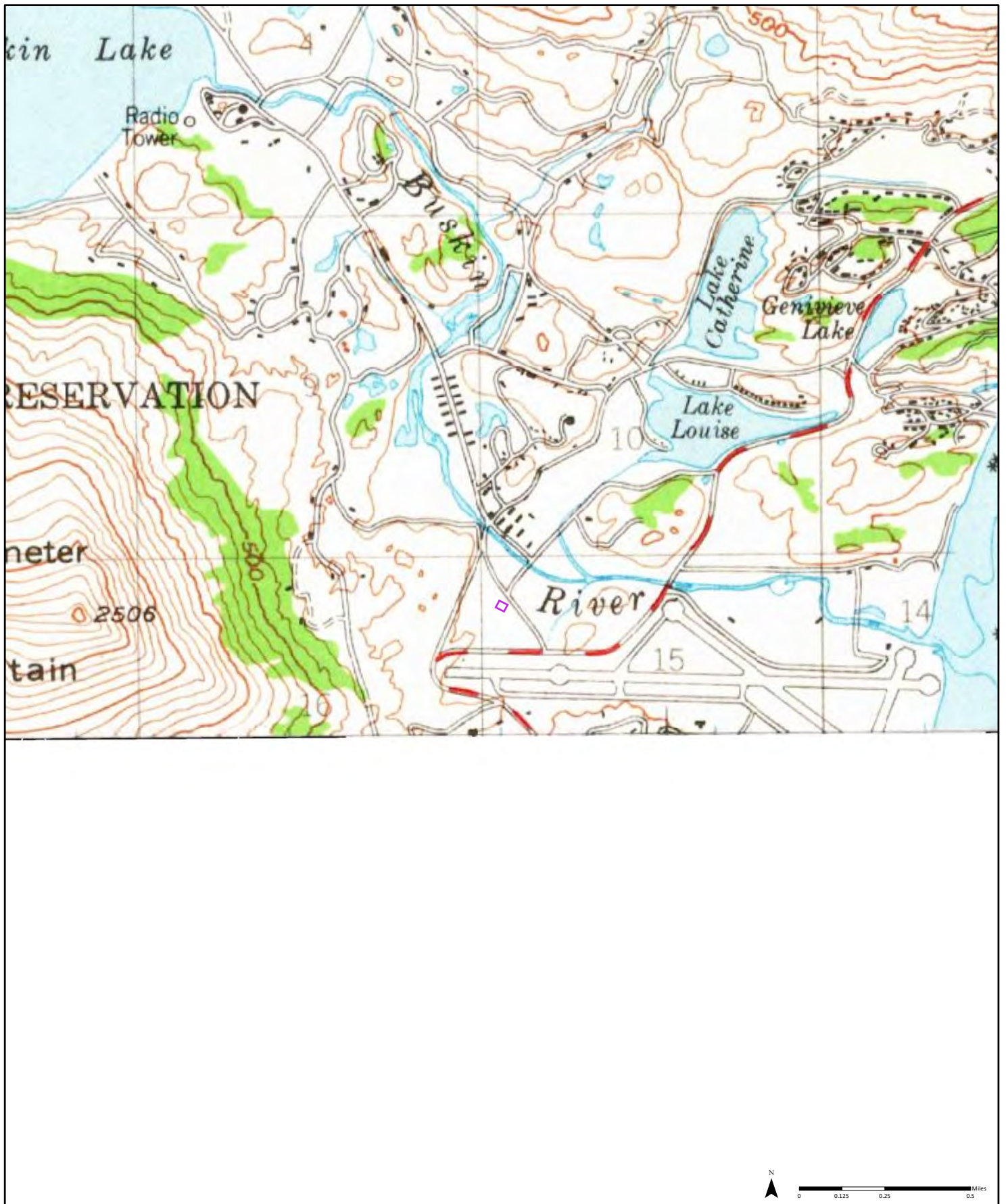
(1) Aerial Photo Year: 1947

(2) Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎; Kodiak C-2, AK₍₂₎

Order No. 21102200605

Source: USGS 15 Minute Topographic Map



1971

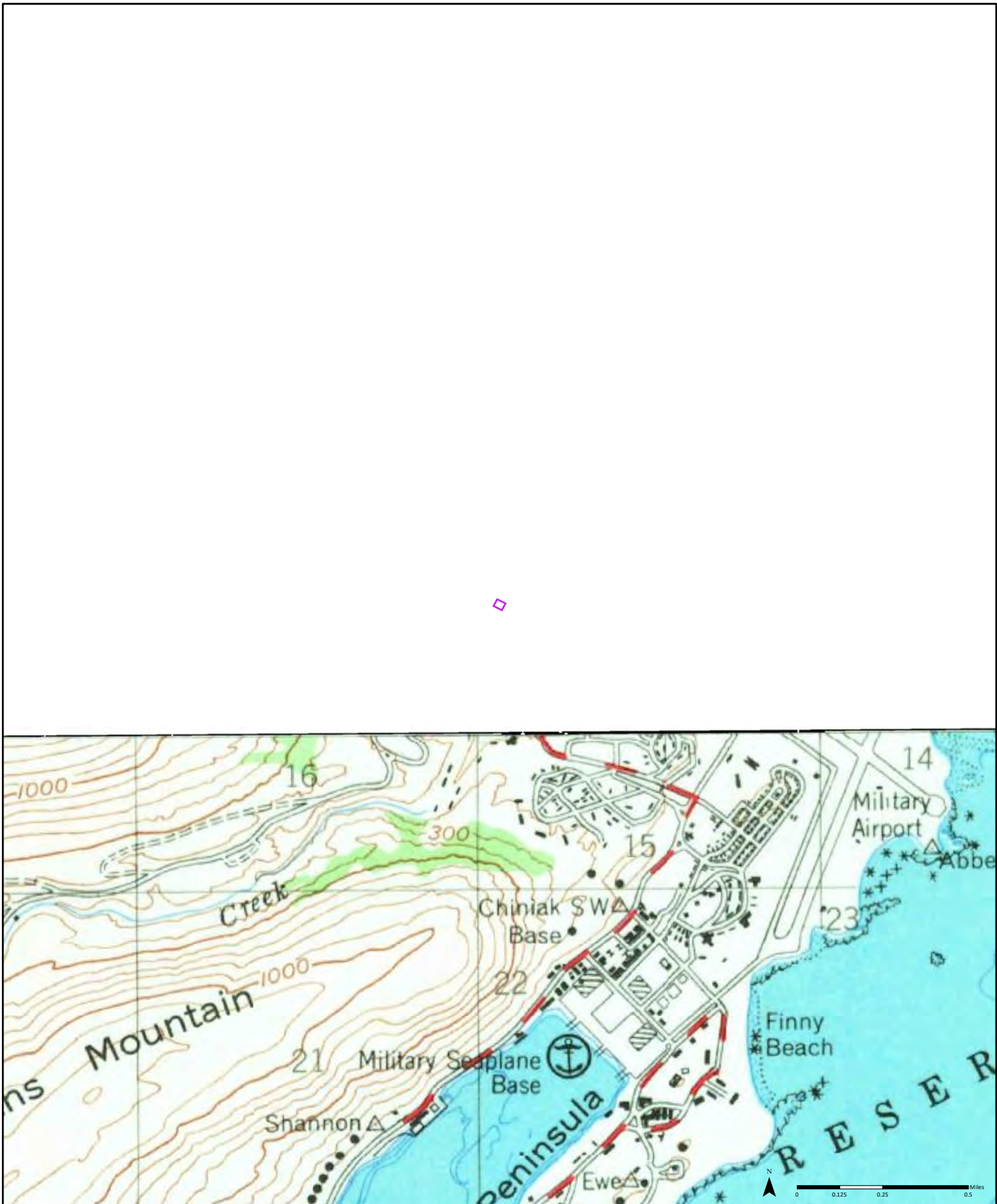
⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎

Order No. 21102200605

Source: USGS 15 Minute Topographic Map





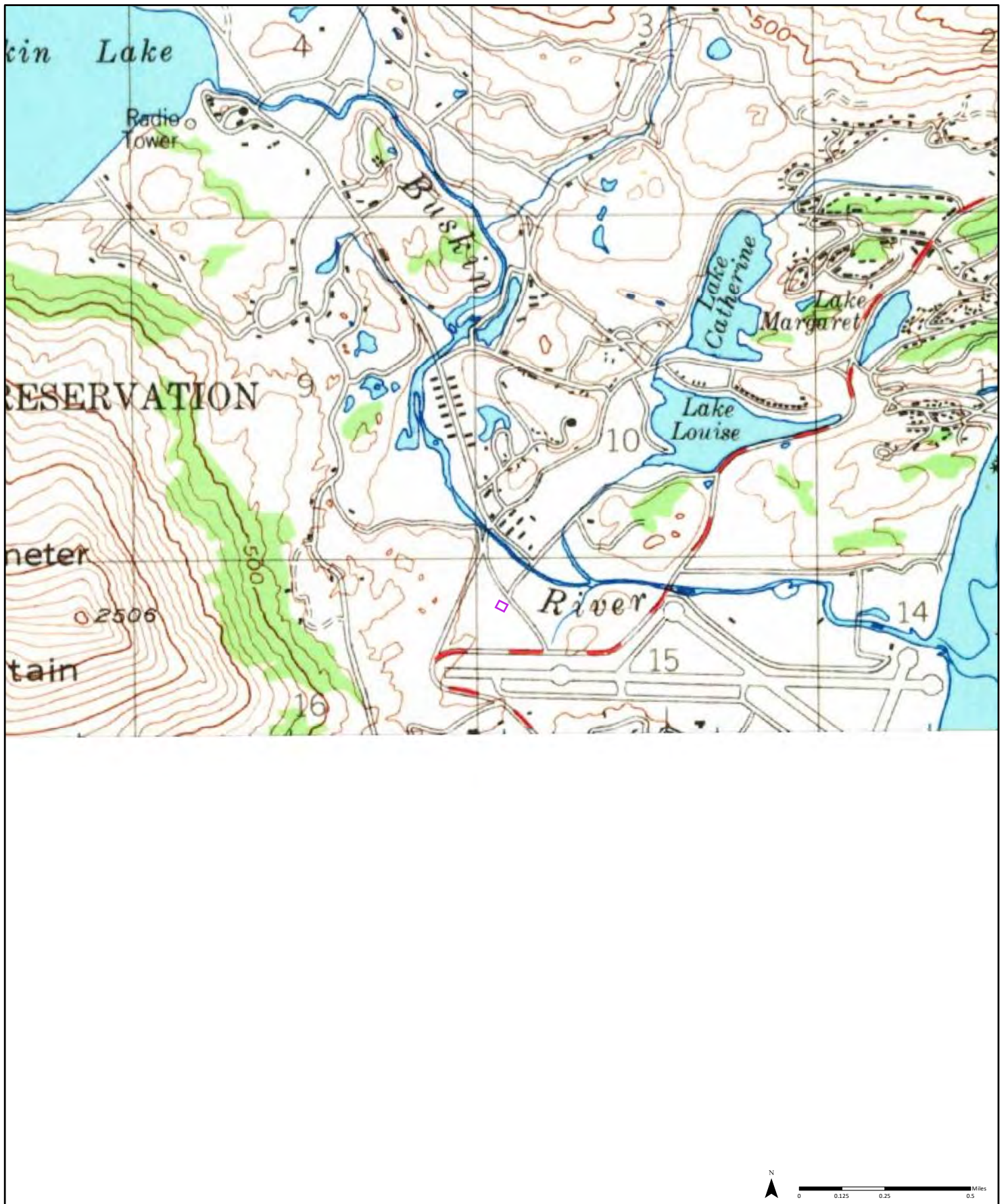
1967 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak C-2, AK⁽¹⁾

Order No. 21102200605

Source: USGS 15 Minute Topographic Map





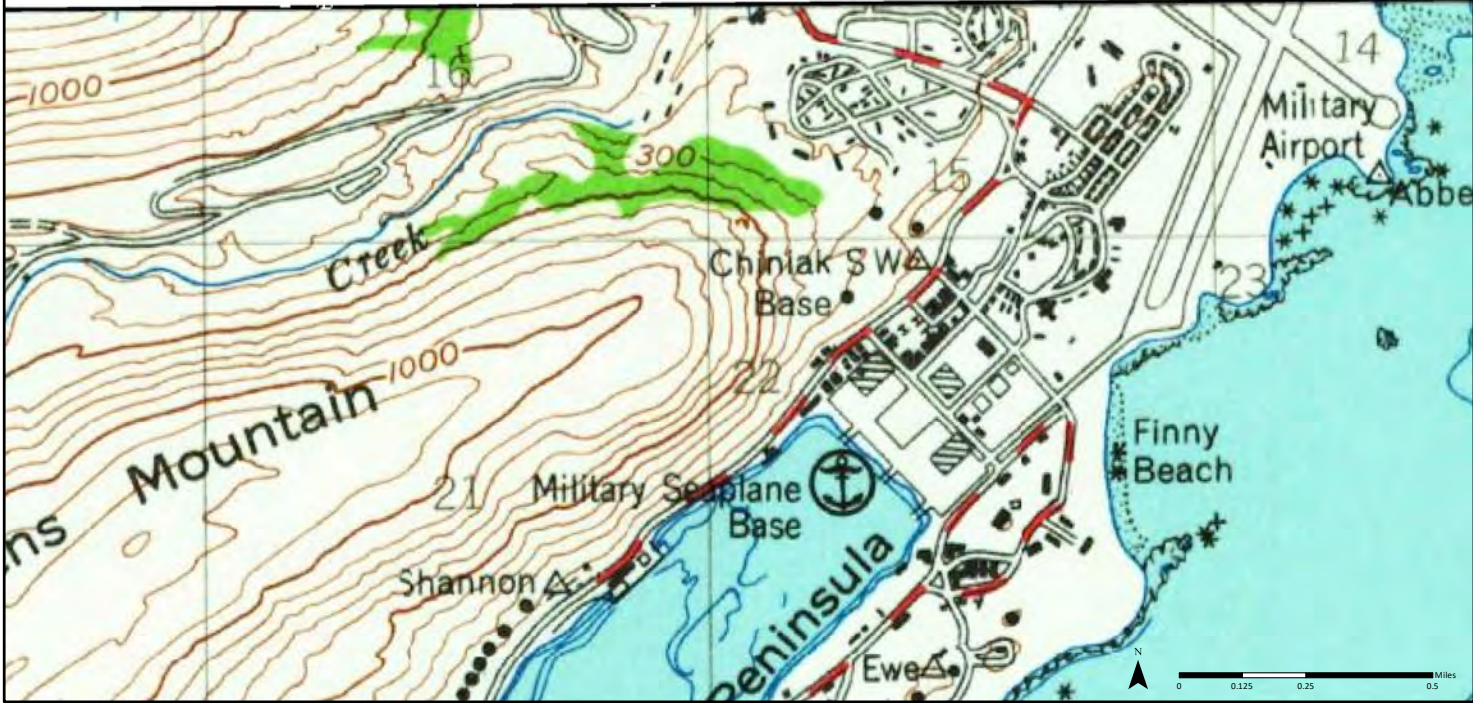
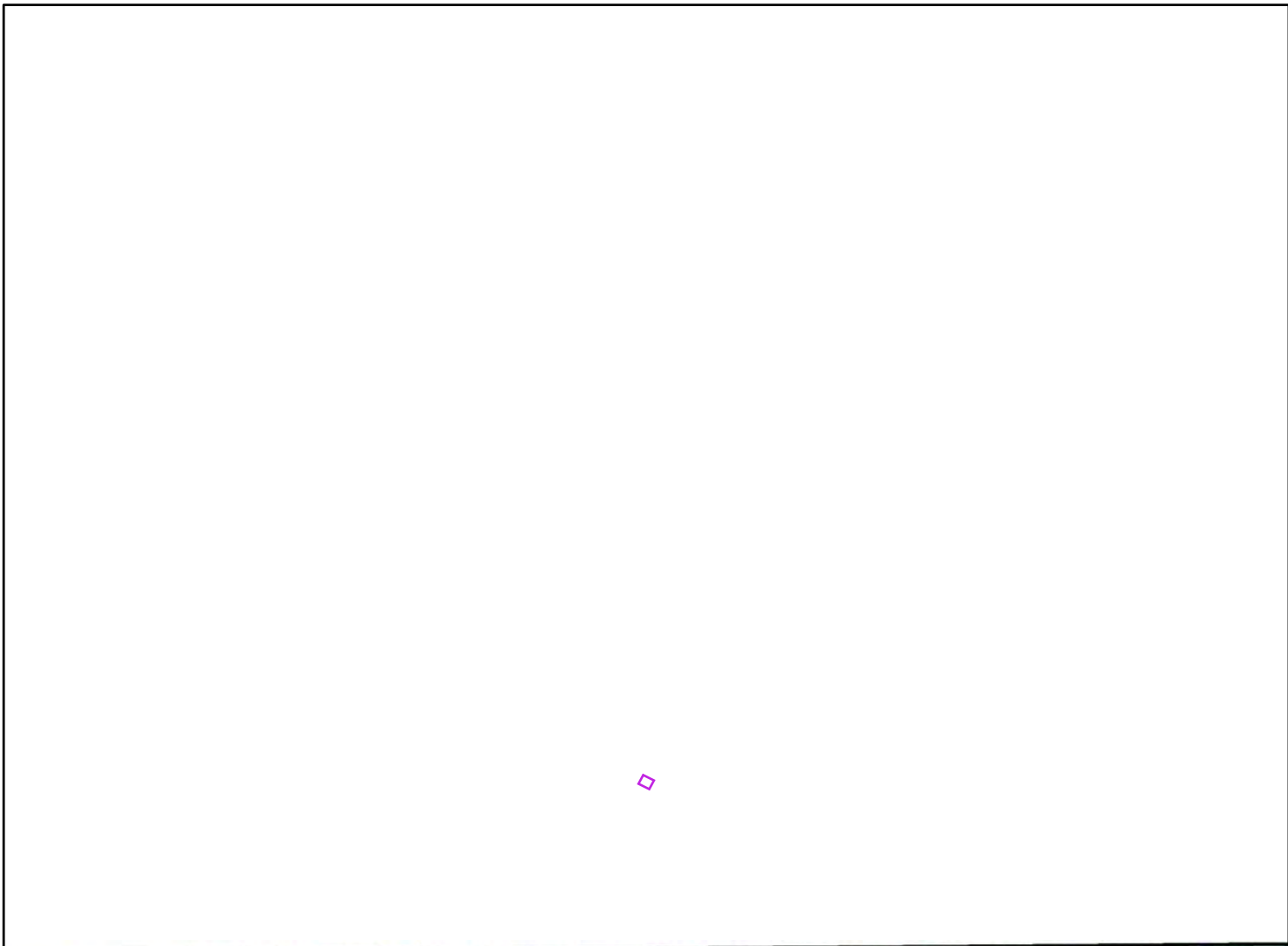
1966 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎

Order No. 21102200605

Source: USGS 15 Minute Topographic Map





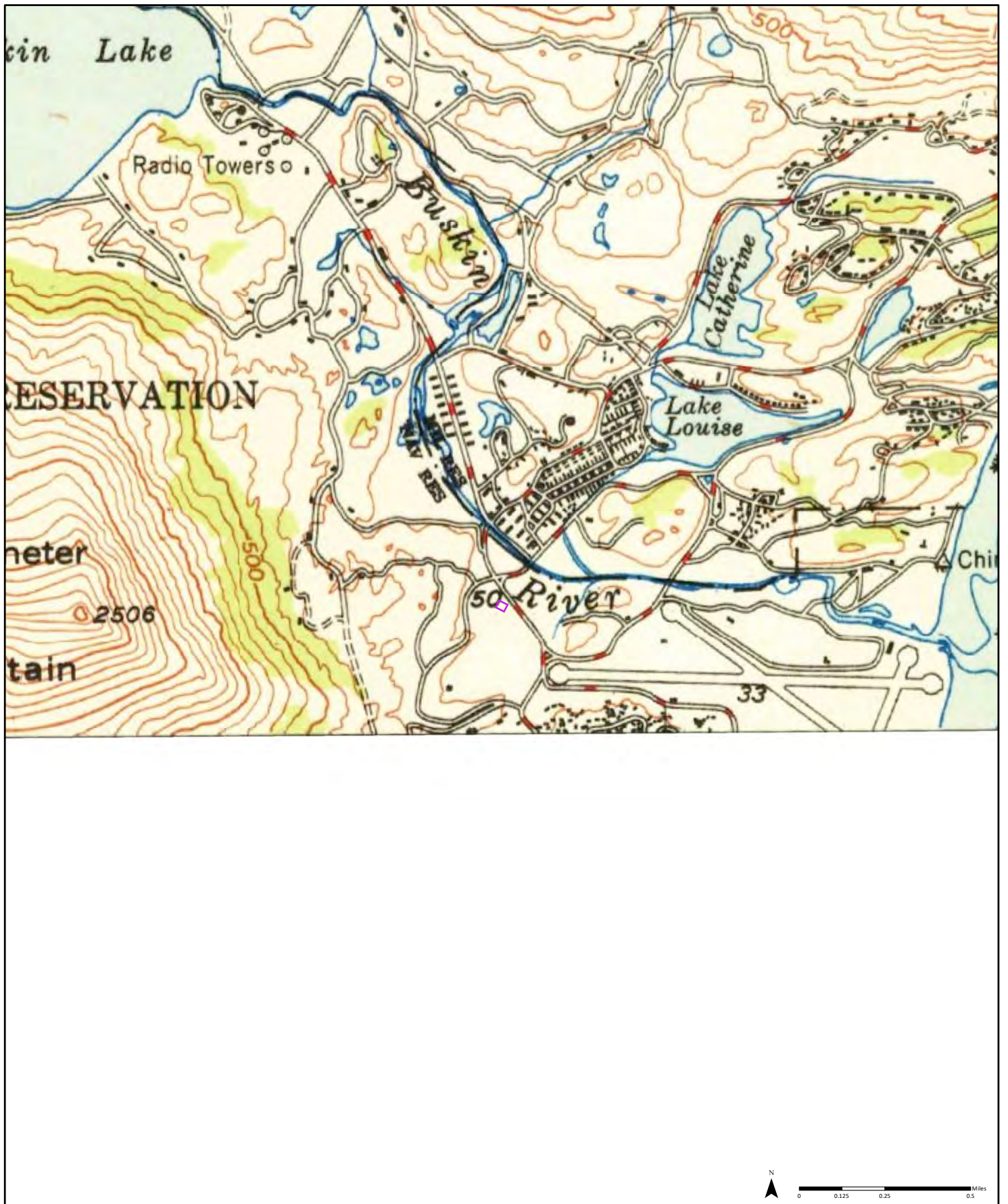
1963 ⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak C-2, AK⁽¹⁾

Order No. 21102200605

Source: USGS 15 Minute Topographic Map





1951

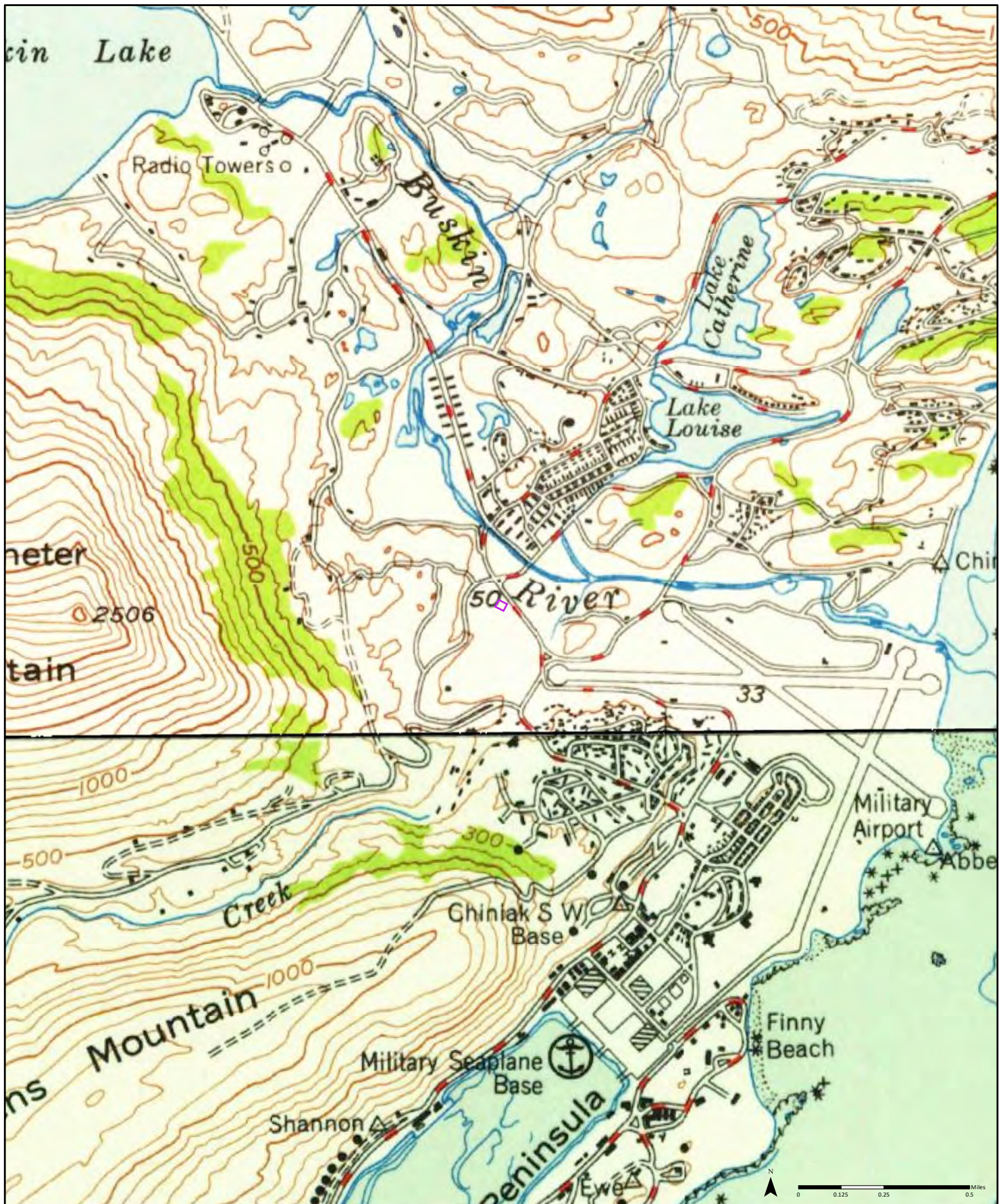
⁽¹⁾
Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK⁽¹⁾

Order No. 21102200605

Source: USGS 15 Minute Topographic Map





1949

(1) Aerial Photo Year: 1947

(2) Aerial Photo Year: 1947

Quadrangle(s): Kodiak D-2, AK₍₁₎; Kodiak C-2, AK₍₂₎

Order No. 21102200605

Source: USGS 15 Minute Topographic Map



APPENDIX E
USER QUESTIONNAIRE
(NOT RETURNED)

APPENDIX F

PHOTOGRAPH LOG

Photo 1



Description: View of the Lot 3 building, facing north.

Photo 2



Description: View of 500-gallon gasoline AST on south side of the maintenance shop, facing east.

Photo 3



Description: View of the interior of Lot 3 maintenance shop.

Photo 4



Description: View of the office interior of the Lot 3 building.

Photo 5



Description: View of Lot 3 furnace room.

Photo 6



Description: View of Lot 3 floor drain.

Photo 7



Description: View of derelict vehicles in yard of Lot 3, facing north.

Photo 8



Description: View of the transformer along northern fence of Lot 3, facing north.

Photo 9



Description: View of the Lot 5A exterior with 500-gallon diesel AST, facing south.

Photo 10



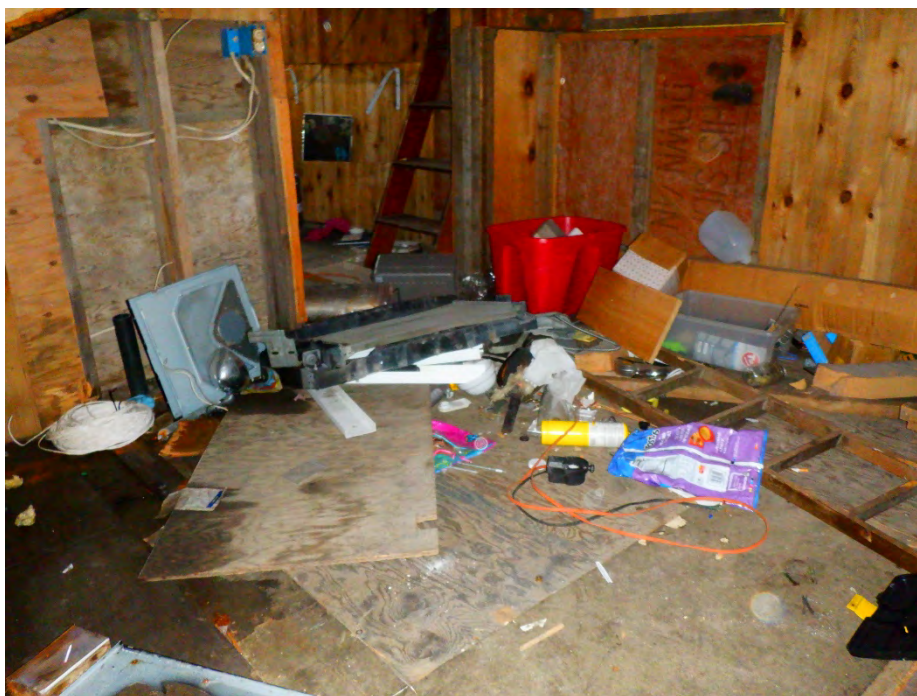
Description: View of Lot 5A interior with pooled water on the concrete floor.

Photo 11



Description: View of Lot 5A office interior.

Photo 12



Description: View of Lot 5A upstairs annex.

Photo 13



Description: View of Lot 5A drums and buckets.

Photo 14



Description: View of neighboring property.

APPENDIX G

ENVIRONMENTAL LIEN SEARCH



ENVIRONMENTAL LIEN SEARCH

Project Property: LOT 3, BLOCK 1400, AIRPORT WAY
KODIAK, AK 99615
Order No: 21102200602
Date Completed: 10/29/2021

The following is the current property legal description (See deed for full legal description):

AS RECORDED IN THE DEED ATTACHED.

Assessor's Parcel Number(s): R3800031400

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

ENVIRONMENTAL LIEN REPORT

Order No: 21102200602

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, borough clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business

Please contact ERIS at **416-510-5204** or **info@erisinfo.com**
with any questions or comments

LIMITATION

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS – Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.

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ENVIRONMENTAL LIEN REPORT

Order No: 21102200602

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

LOT 3, BLOCK 1400, AIRPORT WAY
KODIAK, AK 99615

RESEARCH SOURCE

BOROUGH: KODIAK ISLAND BOROUGH RECORDER'S OFFICE

STATE: ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FEDERAL: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEED INFORMATION

Type of Instrument: NO DEED FOUND 1980 - PRESENT

Grantor: NA

Grantee: STATE OF ALASKA

Deed Dated: NA
Deed Recorded: NA
Instrument: NA

LEGAL DESCRIPTION

Assessor's Parcel Number (s): R3800031400

ENVIRONMENTAL LIEN REPORT

Order No: 21102200602

ENVIRONMENTAL LIEN

Environmental Lien: Found X Not Found

ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found X Not Found

LEASES

Lessor: STATE OF ALASKA
Lessee: STACIE S PETERSON DBA RENT-A-HEAP
Lease Date: NA
Recorded Date: 03/20/2009
Instrument #: 2009-000404
Lease Type: SUPPLEMENT TO LEASE AGREEMENT
Comments:



THIS COVER SHEET HAS BEEN ADDED TO
THIS DOCUMENT TO PROVIDE SPACE FOR
THE RECORDING DATA. THIS COVER
SHEET APPEARS AS THE FIRST PAGE OF
THE DOCUMENT IN THE OFFICIAL PUBLIC
RECORD.

DO NOT DETACH

DOCUMENT TITLE:

LEASE AGREEMENT ADA-08612

SUPPLEMENT NO. 3 TO LEASE AGREEMENT ADA-08612
RECORDED AS DOCUMENT NUMBER 2000-001470-0

Note: Each document submitted must have a cover sheet.

Kodiak RECORDING DISTRICT

X NOT PREVIOUSLY RECORDED

X RECORD CONCURRENTLY HERewith

Note: order of precedence on the coversheet.

LOT 3, BLOCK 1400, Kodiak AIRPORT

LESSOR:

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
AVIATION LEASING
P. O. BOX 196900
ANCHORAGE, AK 99519-6900
(907) 269-0740

LESSEE/ASSIGNOR: Stacie S. Peterson d/b/a Rent-A-Heap

AFTER RECORDING RETURN TO:

Stacie S. Peterson
Rent-A-Heap
P.O. Box 1221
Kodiak, Alaska 99615

**OFFICIAL STATE BUSINESS
NO CHARGE**

2/19/08



2 of 4
2009-000404-0

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SUPPLEMENT NO. 3

KODIAK AIRPORT

AGREEMENT NO. ADA-07593

THIS SUPPLEMENT to Agreement No. ADA-07593, made and entered into by and between the State of Alaska, Department of Transportation and Public Facilities, hereinafter referred to as the Lessor, and Stacie S. Peterson d/b/a Rent-A-Heap whose address is P.O. Box 1221, Kodiak, Alaska 99615 hereinafter referred to as the Lessee,

WITNESSETH:

WHEREAS, on the 1st, day of April, 1999, the parties hereto entered into a principal agreement, designated as Agreement No. ADA-07593 covering the following:

Lot 3, Block 1400, consisting of 23,452 square feet as shown on Exhibit "A", Sheet 1 of 1, dated 3/23/99, attached to and made a part of the principal agreement; and

WHEREAS, the Lessee desires to extend the above described principal agreement; and

WHEREAS, the parties find it will be to their mutual advantage to extend said Agreement;

NOW, THEREFORE, in consideration of the foregoing, the said Agreement is hereby amended in the following particulars only:

I. Basic Provision No. 3., Term, is amended to read:

The term of this agreement is fifteen (15) years beginning on the 1st day of April, 1999, and ending on the 31st day of March, 2014.

II. The effective date of this supplement is April 1, 2009.

ALL OTHER TERMS, PROVISIONS, AND COVENANTS REMAIN UNCHANGED.



IN WITNESS WHEREOF, the parties hereto have set their hands on this day and year stated in the acknowledgments below.

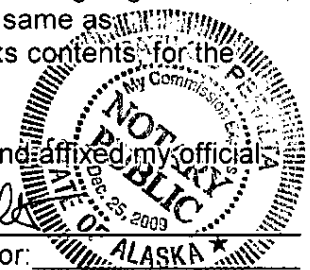
LESSEE: Stacie Peterson

STATE OF ALASKA)
)ss.
3rd)
(Judicial District or County)

THIS IS TO CERTIFY that on this 12th day of November, 2008, before me, the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and sworn, personally appeared Stacie Peterson, known to me and to me known to be the person(s) named in and who executed the foregoing instrument, and (he)(she)(they) acknowledged to me that (he)(she)(they) signed the same as (his)(her)(theirs) free and voluntary act and deed with full knowledge of its contents for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year above written.

Patricia Peralt
Notary Public in and for: ALASKA
My Commission Expires: 12-24-2009



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

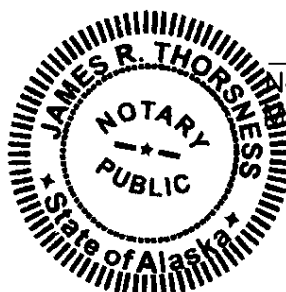
STATE OF ALASKA)
)ss.
3rd JUDICIAL DISTRICT)

Tina M Schimschat

THIS IS TO CERTIFY that on this 16th day of March, 2008, before me, the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and sworn as such, personally appeared Tina M. Schimschat, known to me and to me known to be the Chief, Anchorage Office of Aviation Leasing, Department of Transportation and Public Facilities, and she acknowledged to me that she executed the foregoing instrument freely and voluntarily on behalf of the State of Alaska, Department of Transportation and Public Facilities, for the uses and purposes therein set forth and that she is authorized by said State of Alaska so to do.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first written above.

RECEIVED



James R. Thorsness
Notary Public in and for the State of Alaska
My Commission Expires: 31 March 2010

RECEIVED



4 of 4
2009-000404-0



ENVIRONMENTAL LIEN SEARCH

Project Property: LOT 5A, BLOCK 1400, AIRPORT WAY
KODIAK, AK 99615
Order No: 21102200605
Date Completed: 10/29/2021

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AS RECORDED IN THE DEED ATTACHED.

Assessor's Parcel Number(s): 000

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A division of Glacier Media Inc.

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ENVIRONMENTAL LIEN REPORT

Order No: 21102200605

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- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, borough clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business

Please contact ERIS at **416-510-5204** or **info@erisinfo.com**
with any questions or comments

LIMITATION

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS – Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

ENVIRONMENTAL LIEN REPORT

Order No: 21102200605

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

LOT 5A, BLOCK 1400, AIRPORT WAY
KODIAK, AK 99615

RESEARCH SOURCE

BOROUGH: KODIAK ISLAND BOROUGH RECORDER'S OFFICE
STATE: ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FEDERAL: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEED INFORMATION

Type of Instrument: NO DEED FOUND 1980 - PRESENT
Grantor: NA
Grantee: UNITED STATES OF AMERICA
Deed Dated: NA
Deed Recorded: NA
Instrument: NA
Notes: ASSESSED OWNER LISTED AS GARY PETERSON. NO LEASE FOUND TO GARY PETERSON

LEGAL DESCRIPTION

Assessor's Parcel Number (s): 000

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ENVIRONMENTAL LIEN REPORT

Order No: 21102200605

ENVIRONMENTAL LIEN

Environmental Lien: Found X Not Found

ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found X Not Found

LEASES

Lessor: UNITED STATES OF AMERICA
Lessee: STATE OF ALASKA
Lease Date: NA
Recorded Date: 05/08/1987
Instrument #: BOOK 86 / PAGE 430
Lease Type: KODIAK AIRPORT LEASE-AMENDMENT
Comments:

Return to:

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
RIGHT OF WAY BRANCH
P.O. BOX 198600
ANCHORAGE, ALASKA 99519-0600

Attn: Maynard Nuss

BOOK 86 PAGE 430

NF(R) - 13130

AMENDMENT NUMBER 8

KODIAK AIRPORT LEASE

WHEREAS, a LEASE Agreement, dated August 10, 1971, was entered into, by and between the UNITED STATES OF AMERICA hereinafter called the Government, represented by the Contracting Officer executing this lease, and the STATE OF ALASKA, DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, its successors and assigns, hereinafter called the STATE, acting by and through its commissioner; Amendment No. 1 to said LEASE AGREEMENT being executed by the parties thereto, effective April 13, 1972; Modification of Lease NF(R)-13130 being executed by the Government effective 1 July 1972; Amendment No. 2 and Amendment No. 3 to said LEASE AGREEMENT being executed by the parties thereto, effective May 8, 1973; Amendment No. 4 to said LEASE AGREEMENT being executed by the parties thereto, effective April 25, 1975; Amendment No. 5 to said LEASE AGREEMENT being executed by the parties thereto effective November 24, 1976; Amendment No. 6 to said LEASE AGREEMENT being executed by the parties thereto, effective May 5, 1978; Amendment No. 7 to said LEASE AGREEMENT being executed by the parties thereto, effective February 25, 1981; and

WHEREAS, the STATE has requested the GOVERNMENT to extend the term of said LEASE AGREEMENT for the purpose of securing funding for various improvements including but not limited to improvements to the runway lighting systems on the leased airport premises; and

WHEREAS, such term extension would prove beneficial to the long range needs and requirements of both the GOVERNMENT and the STATE; and

WHEREAS, the GOVERNMENT has term extension approval authority under the statutory provisions of 43 U.S.C. 931(c),

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration the LEASE AGREEMENT is amended to extend the term until 1 January 2011.

It is understood and agreed between the parties hereto that all other terms and conditions of the lease agreement and the amendments thereto remain in full force and effect.

*pages 85-104 of the Kodiak
Recording District.*

PAGE 1 OF 5 PAGES

STATE BUSINESS
NO RECORDING FEE

BOOK 86 PAGE 431

FOR THE UNITED STATES OF AMERICA

WITNESS my hand on this 22d day of April,
1987 at Juneau, Alaska.

By: E. NELSON, JR.

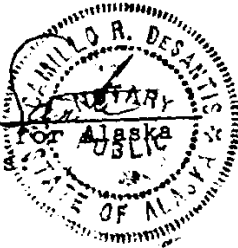
Title: Rear Admiral, U. S. Coast Guard,
Commander, Seventeenth Coast
Guard District, acting pursuant
to authority provided in
Modification of Contract
#NF(R)-13130 effective date 1
July 1972.

UNITED STATES OF AMERICA)
STATE OF ALASKA)
FIRST JUDICIAL DISTRICT)

ss.

I, the undersigned notary public, do hereby certify that
on this 22nd day of April, 1987, before me
personally appeared E. Nelson, Jr., known to me to be the
person described herein and who signed and executed the
foregoing instrument on behalf of the United States of
America, he personally acknowledged to me that he signed and
sealed the same, on the date it bears, as a true, free and
voluntary act and deed, for the uses, purposes and
considerations therein set forth. And I, the undersigned, do
further certify that I am at the date of this certificate a
notary public in the State of Alaska.

Camille R. Desantis
Notary Public in and for Alaska
My Commission Expires



BOOK 86 PAGE 432

FOR THE STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

WITNESS my hand on this 2nd day of April,
1987 at Anchorage, Alaska.

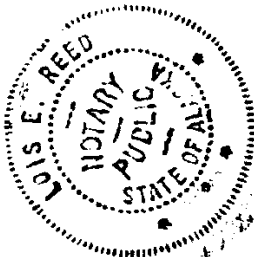
By: William R. Small

Title: Deputy Commissioner

UNITED STATES OF AMERICA)
STATE OF ALASKA)
FIRST JUDICIAL DISTRICT)

ss.

I, the undersigned notary public, do hereby certify that on this 2nd day of April, 1987, before me personally appeared William R. Small, known to me to be the person described herein and who signed and executed the foregoing instrument on behalf of the State of Alaska, he personally acknowledged to me that he signed and sealed the same, on the date it bears, as a true, free and voluntary act and deed, for the uses, purposes and considerations therein set forth. And I, the undersigned, do further certify that I am at the date of this certificate a notary public in the State of Alaska.



Lois E. Reed
Notary Public in and for Alaska
My Commission Expires: August 12, 1989

KODIAK AIRPORT

TRACT I

LEGAL DESCRIPTION

That certain property lying and being within Sections 14, 15, 16, 22 and 23 of Township 28 South, Range 20 West, Seward Meridian, located within the Kodiak Recording District, Third Judicial District, State of Alaska, more particularly described as follows:

Beginning at a point monumented as U.S.C. & G.S. "CHINIAC S.W. BASE", at Latitude $37^{\circ} 44' 34.042''$ N, Longitude $152^{\circ} 30' 12.827''$ W, proceed on a true Forward Bearing $S 70^{\circ} 30' 52''$ E a distance of 2,1179.29 feet to the TRUE POINT OF BEGINNING:

thence $S 70^{\circ} 20' 09''$ E a distance of 364 feet, more or less, to a point on the mean high water line of St. Paul Harbor;

thence Northeasterly a distance of 1,040 feet, more or less, along the mean high water line of St. Paul Harbor to a point;

thence $N 21^{\circ} 16' 22''$ E a distance of 2,036 feet, more or less, to a point;

thence $53^{\circ} 30' 49''$ E a distance of 784 feet, more or less, to a point on the mean high water line of St. Paul Harbor;

thence Northerly a distance of 5,500 feet, more or less, along the mean high water lines of St. Paul Harbor and the Buskin River to a point;

thence $S 46^{\circ} 37' 51''$ W a distance of 701 feet, more or less, to a point;

thence $S 88^{\circ} 44' 23''$ W a distance of 240.00 feet to a point;

thence $N 61^{\circ} 27' 20''$ W a distance of 1,100.00 feet to a point;

thence $S 28^{\circ} 32' 39''$ W a distance of 150.00 feet to a point;

thence $N 61^{\circ} 27' 21''$ W a distance of 200.00 feet to a point;

thence $N 28^{\circ} 32' 39''$ E a distance of 380.91 feet to a point;

thence $N 02^{\circ} 28' 16''$ E a distance of 203.91 feet to a point;

thence $N 64^{\circ} 23' 55''$ W a distance of 4,202.53 feet to a point;

thence $S 43^{\circ} 44' 23''$ W a distance of 325.00 feet to a point;

BOOK 86 PAGE 434

thence S 17° 28' 46" E a distance of 813.19 feet to a point;
thence S 43° 44' 23" W a distance of 2,868.38 feet to a point;
thence S 00° 23' 33" E a distance of 1,320.15 feet to a point;
thence N 88° 44' 23" E a distance of 2,875.00 feet to a point;
thence S 01° 15' 37" E a distance of 550.00 feet to a point;
thence S 45° 00' 00" E a distance of 212.13 feet to a point;
thence N 58° 27' 18" E a distance of 291.55 feet to a point;
thence N 88° 44' 23" E a distance of 200.00 feet to a point;
thence N 01° 15' 37" W a distance of 175.00 feet to a point;
thence S 88° 44' 23" W a distance of 450.00 feet to a point;
thence N 01° 15' 37" W a distance of 695.00 feet to a point;
thence N 88° 44' 23" E a distance of 2,100.00 feet to a point;
thence N 01° 15' 37" W a distance of 100.00 feet to a point;
thence N 88° 44' 23" E a distance of 350.00 feet to a point;
thence S 01° 15' 37" E a distance of 100.00 feet to a point;
thence N 88° 44' 22" E a distance of 750.00 feet to a point;
thence S 56° 16' 06" E a distance of 488.26 feet to a point;
thence S 34° 46' 01" W a distance of 272.03 feet to a point;
thence S 66° 31' 59" E a distance of 836.72 feet to a point;
thence S 20° 38' 20" W a distance of 2,960 feet, more or less,
to the TRUE POINT OF BEGINNING.

This tract having an area of 611.55 acres, more or less.

87-002277

PAGE 5 OF 5 PAGES

NC
RECORDED-FILED
KODIAK RECORDING
DISTRICT

MAY 8 2 09 PM '87

REC'D

DOTPF

ADDR:

P.O. Box 196900

Anch., AK 99519-6900