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**PRELIMINARY ASSESSMENT RECORDS REVIEW
ARMY NATIONAL GUARD SCOUT ARMORY
CHEFORNAK, ALASKA**

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DEPT. OF ENVIRONMENTAL CONSERVATION

Prepared for:

**Alaska Army National Guard
U.S. Property and Fiscal Office
P.O. Box B, Camp Denali
Fort Richardson, Alaska 99505-2610
Contract No. DAHA90-94-D-0014
Delivery Order No. 2Z01**

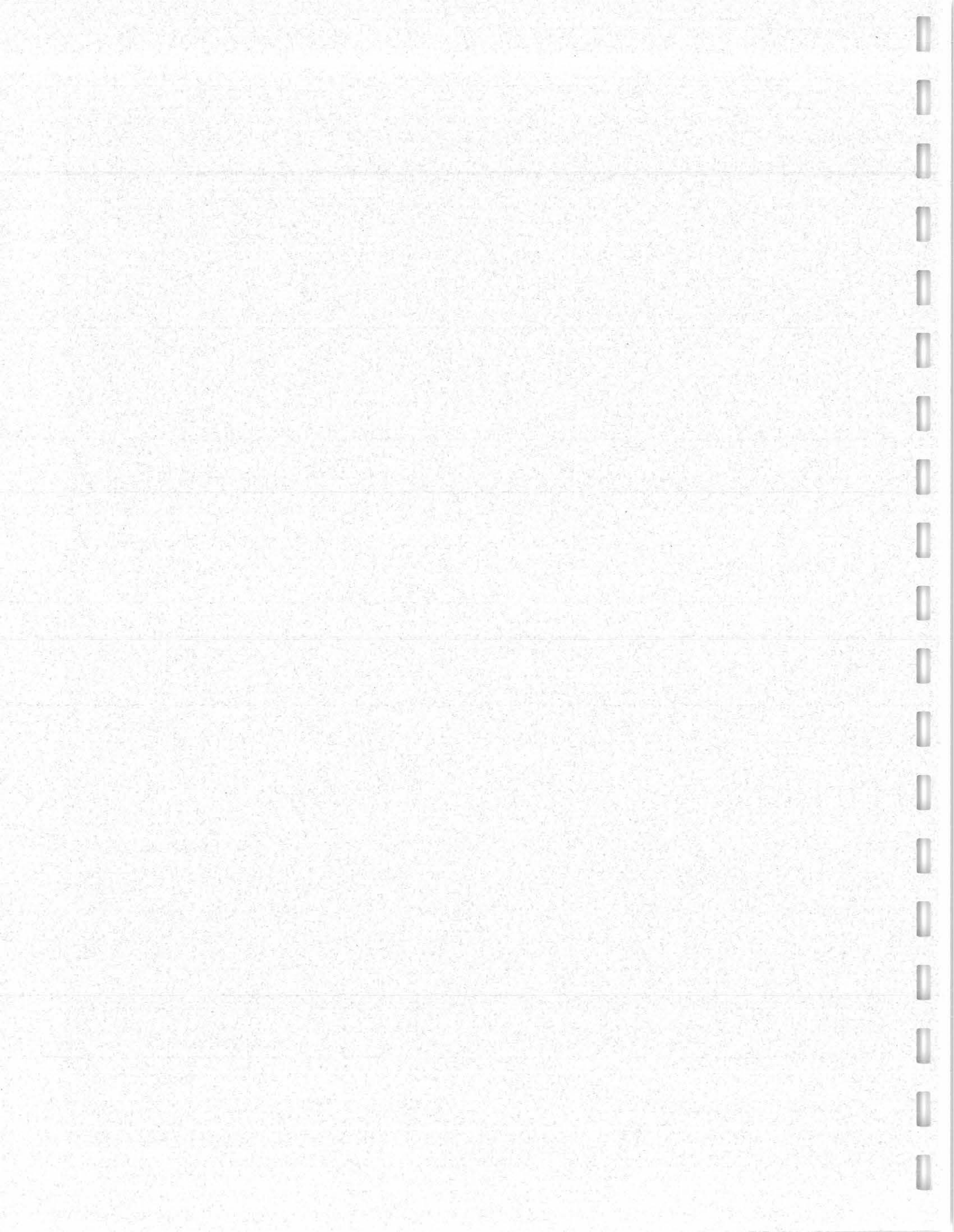
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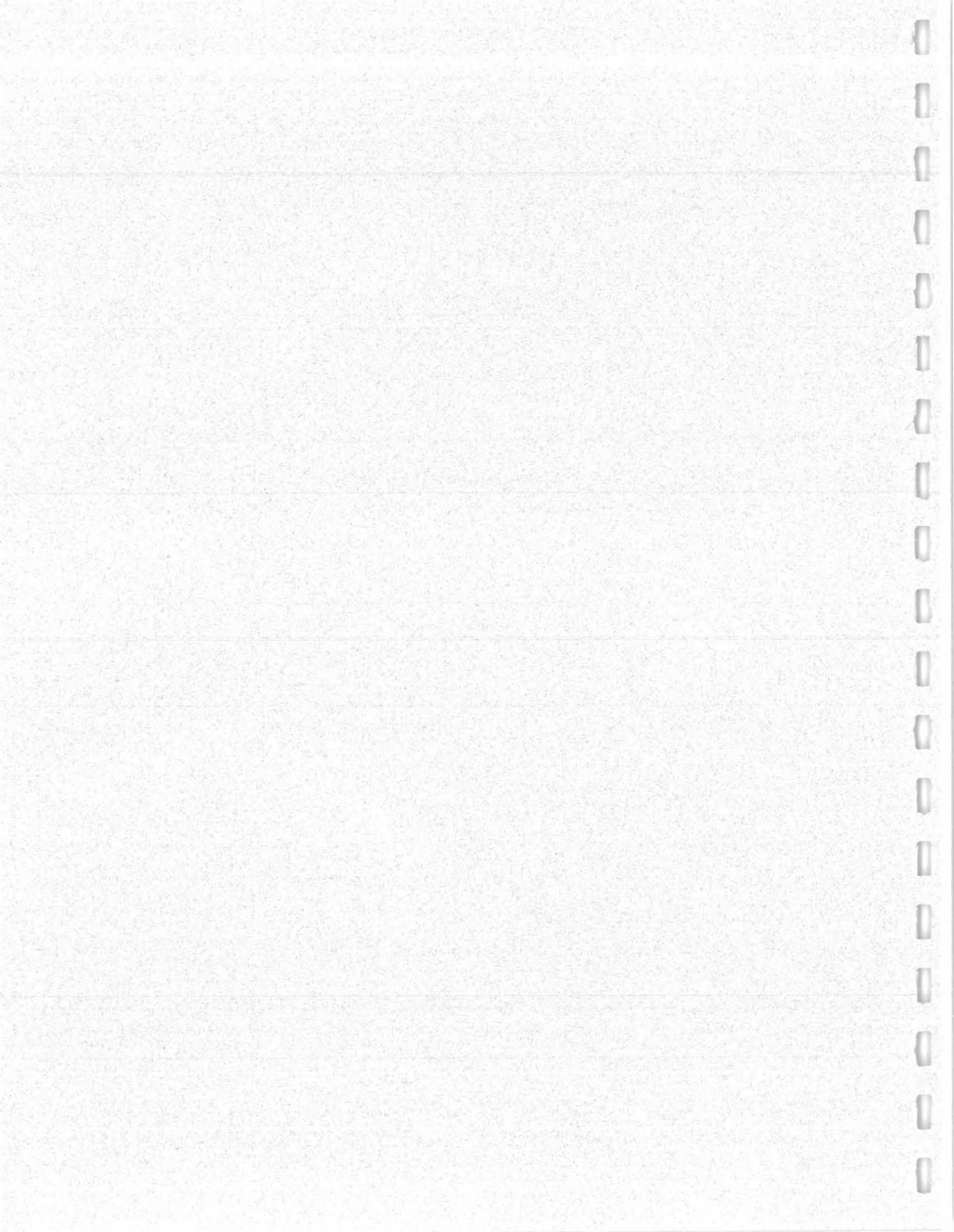
July 1998



PRELIMINARY ASSESSMENT RECORDS REVIEW

ARMY NATIONAL GUARD SCOUT ARMORY

CHEFORNAK, ALASKA



INTRODUCTION

The Alaska Army National Guard (AK ARNG) has tasked ERM-West, Inc., and their subconsultant (Hart Crowser, Inc.) with performing Site Investigations (SI) at Chefornak (Figure 1-1) and ten other ARNG Scout Armories in western Alaska. This work is being performed under Contract No. DAHA90-94-D-0014, Delivery Order No. 2Z02. This Preliminary Assessment (PA) Records Review is one of the deliverables for the project.

This Chefornak PA Records Review presents a brief summary of historical and environmental information available for the scout armory. Much of the background information was obtained from the Alaska Department of Community and Regional Affairs (DCRA) Community Database (DCRA, 1998), along with other sources. Files at the AK ARNG and the Alaska Department of Environmental Conservation (ADEC) were also reviewed.

1.1 PA Records Review Objectives

The primary objectives of the PA are:

- To review existing records and other information sources in order to assess possible Petroleum, Oil, and Lubricants (POLs) releases at the armory;
- To identify any immediately adjacent locations which may be suspected of being POL contaminate sources; and
- Collect regional and site-specific background information which can be used by the ADEC to develop a Hazardous Ranking for the site.

1.2 Report Organization

This PA Records Review Report includes the following sections:

INTRODUCTION

The Alaska Army National Guard (ANAG) has a long history of providing support to the state and federal governments. The ANAG has been instrumental in various operations, including the 1982-1983 deployment to the Falkland Islands and the 1990-1991 deployment to the Persian Gulf. The ANAG has also been involved in domestic operations, such as the 1992-1993 deployment to the Alaska National Guard (ANAG) and the 1994-1995 deployment to the Alaska National Guard (ANAG).

The purpose of this report is to provide a comprehensive overview of the ANAG's operations and activities. This report is intended for the use of the Alaska National Guard (ANAG) and the Alaska National Guard (ANAG). The information provided in this report is based on the ANAG's records and is intended to provide a comprehensive overview of the ANAG's operations and activities.

1.1 ANAG Records Review Objectives

- The primary objective of the review is to determine the ANAG's compliance with the Alaska National Guard (ANAG) and the Alaska National Guard (ANAG).
- To review existing records and other information sources in order to determine the ANAG's compliance with the Alaska National Guard (ANAG) and the Alaska National Guard (ANAG).
- To identify and document any deficiencies in the ANAG's records and other information sources.
- To provide recommendations for the ANAG's improvement of its records and other information sources.

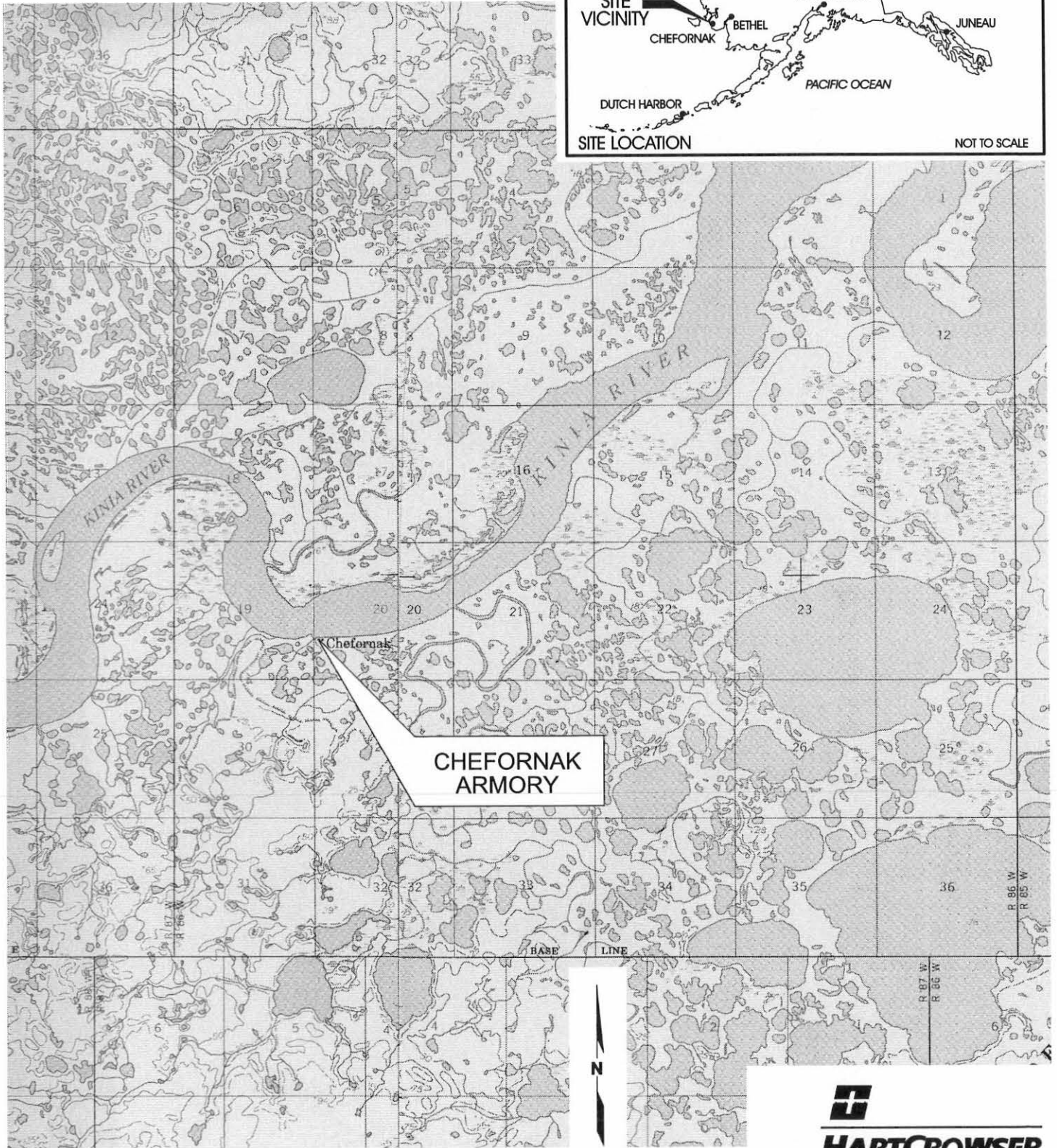
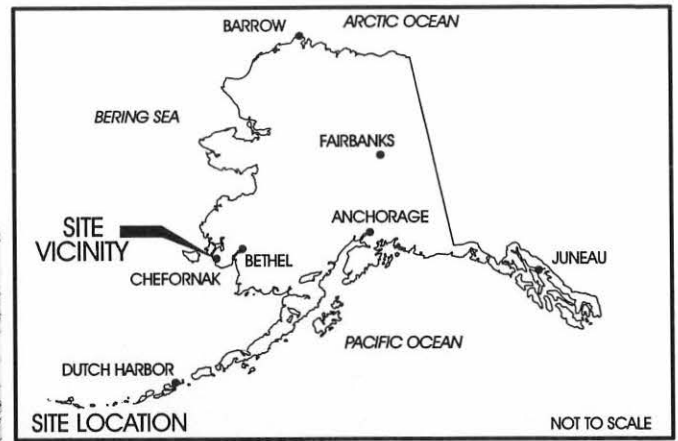
1.2 Report Organization

This ANAG Records Review report contains the following sections:

Site Location and Vicinity Map

Chefornak ARNG Scout Armory

Chefornak, Alaska



SOURCE: USGS 1:63,360, BAIRD INLET (A-6), (A-7) ALASKA, 1954

0 1 2
APPROXIMATE SCALE IN MILES

HARTCROWSER
A-8544 7/98
Figure 1-1

Site Location and Vicinity Map
Chetumal AND Scout Armory
Chetumal, Alaska



CHETUMAL
ARMORY

CHETUMAL

Page 1-1

SOURCE: USGS (1:50,000) 1984
(1:50,000) ALASKA 1984

- **Section 1.0 - Introduction.** Section 1.0 presents information about the project, project objectives, and report organization.
- **Section 2.0 - Background Information.** This section presents background information for the village and region, including; location, village information (e.g., history, water supply, access, etc.), and environmental setting (e.g., climate, geology, etc.).
- **Section 3.0 - Results of the Records Review.** A discussion of the environmental, background, and records review information specific to the armory is presented in this section.
- **Section 4.0 - Limitations.**

The DCRA Community Overview is presented in Appendix A. A copy of the VISTA Information Systems, Inc., regulatory agency database review report is contained in Appendix B.

1.3 Sources of Information

The PA Records Review included a review of AK ARNG files, regulatory agency records, regulatory lists, published literature, and other sources of publicly available historical information including:

- **AK ARNG Environmental** - Individual scout armory environmental files.
- **AK ARNG Real Estate Management** - Historical real property acquisition and facility maintenance records.
- **Alaska Department of Military Affairs** - Contract files for maintenance, upgrades, and environmental cleanup of petroleum releases.
- **Loussac and ARLIS Libraries** - Community planning documents, regional profiles, resource management studies, natural environmental information, and other published sources.
- **VISTA Information Solutions, Inc. (VISTA)** - Hart Crowser contracted with VISTA to review regulatory agency database lists for the armory in general accordance with current American Society for

Testing and Materials (ASTM) Standards (E 1527-97). VISTA acquires data from government agencies on various media such as magnetic tape, disk, and hard copy. The agency-published databases are screened for documented sites of potential concern.

- **Alaska Department of Environmental Conservation (ADEC) -** Contaminated site files and spill report database for the village.

Informal interviews were conducted with Mr. Norm Straub and other knowledgeable current AK ARNG personnel in the environmental office at Camp Carroll. Generally, the interviews consisted of inquiries to clarify file information.

BACKGROUND INFORMATION

Much of the following information was obtained from the DCRA Alaska Regional Profiles.

2.1 Location

Chefornak is located on the south bank of the Kinia River, at its junction with the Keguk River, in the Yukon-Kuskokwim Delta. Chefornak is 98 miles southwest of Bethel and 490 miles southwest of Anchorage. It is situated within the **Clarence Rhode National Wildlife Refuge**. The armory coordinates (Figure 2-1) are:

- **Longitude:** 164° 21' 29" West
- **Latitude:** 60° 15' 75" North
- **Township:** 1 North
- **Range:** 86 West
- **Section:** 20
- **Meridian:** Seward

2.2 Village Information

A traditional Eskimo village of approximately 400 people, Chefornak residents practice a subsistence lifestyle with some commercial fishing. Aside from some government positions, most employment in Chefornak is seasonal and associated with commercial fishing. Trapping is also a source of income.

Chefornak has a state-owned airstrip, and a seaplane base is also available. A new airport is currently under development.

Water Supply and Public Facilities. Chefornak reportedly has nine new water wells, although only one supplies the water treatment plant. The location of the well could not be determined. The homes are not plumbed and honeybucket hauling services are handled by the village.

BACKGROUND INFORMATION

Map of the following information was obtained from the DORA Alaska Regional Profiles

2.1 Location

Chitina is located on the south bank of the Kuskokwim River at its junction with the Kuskokwim Bay in the Yukon-Koyukuk Delta. Chitina is 90 miles southwest of Bethel and 100 miles east of Aniak. It is situated within the Yukon-Charley Rivers National Preserve. The village coordinates are 61° 21' N and 142° 31' W.

- Longitude: 142° 31' 29" West
- Latitude: 61° 21' 13" North
- Township: 1 North
- Range: 30 West
- Section: 30
- Meridian: Western

2.2 Village Information

A traditional Eskimo village of approximately 100 people, Chitina residents practice a subsistence lifestyle with some commercial fishing. Aside from some government positions, most residents work in Chitina. is seasonal and associated with commercial fishing. Fishing is also a source of income.

Chitina has a one-room school, and a health center is also available. A new airport is currently under development.

Water supply and toilet facilities. The local responsible for the new well is water although only one supplies the water system. The location of the well could not be determined. The pipes are not painted and non-potable drinking services are needed by the village.

Village Map
Chefornak ARNG Scout Armory
Chefornak, Alaska



CHEFORNAK
ARMORY

N

0 100 200
Approximate Scale in Feet



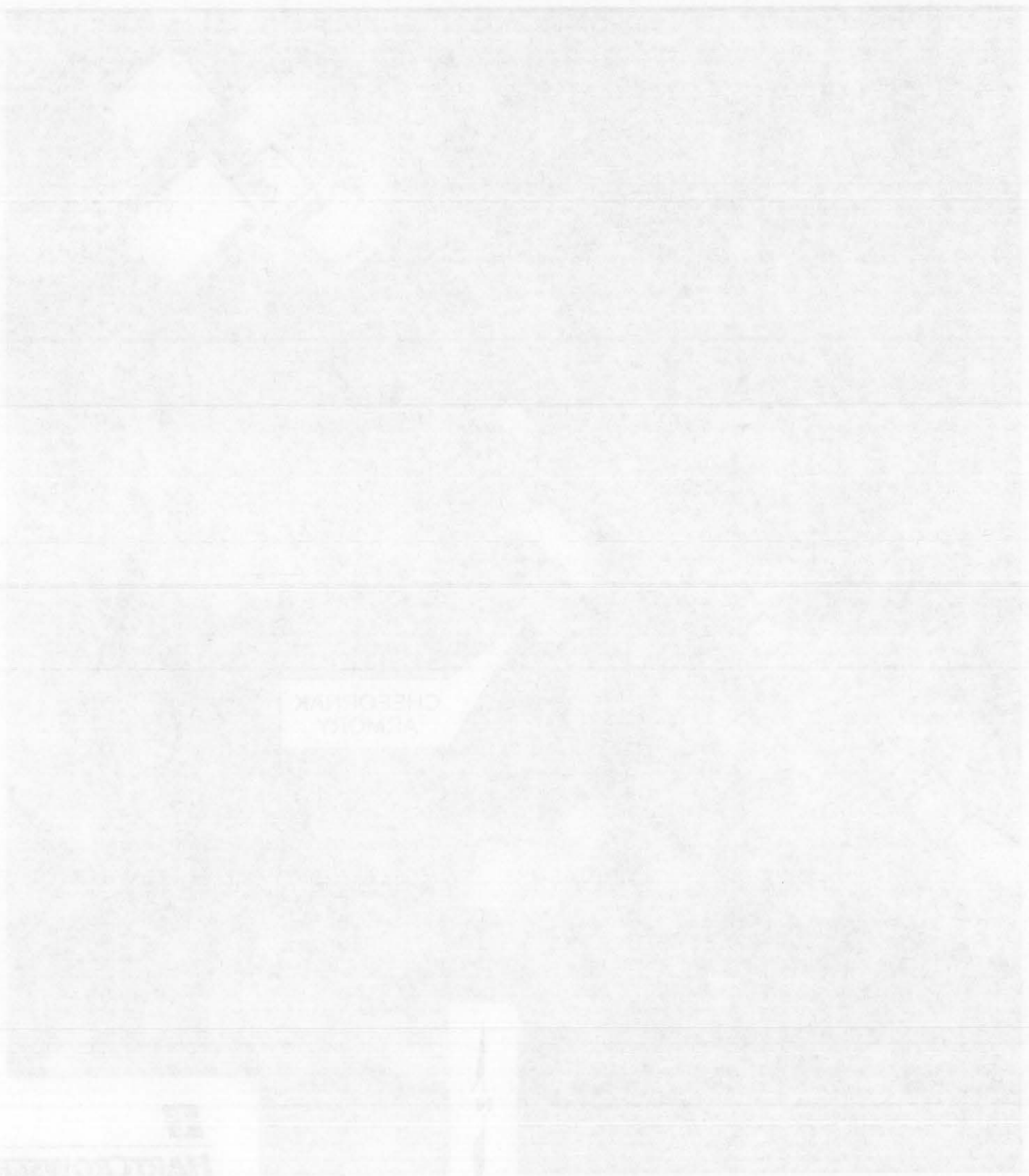
HARTCROWSER

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Figure 2-1

Village Map
Cheonak ARVU Scout Army
Cheonak Alaska



CHEONAK
ARMY

Figure 2-1
A-8-88
TANZANIAN

Source: Actual Photograph
ACORNAP US INC 2088

Construction of a new water treatment plant and sewage lagoon is scheduled for the summer of 1998.

2.3 Environmental Setting

Climate. Chefornak is influenced by a maritime climate. Annual precipitation averages 22 inches, with 43 inches of snowfall. Summer temperatures range from 41° and 57° F, and winter temperatures range from 6° to 24° F.

Geology. Chefornak is located within the Kuskokwim Bay Subregion. The area consists of older coastal deposits of interlayered alluvial and marine sediments including coastal delta deposits at the mouth of the Kuskokwim River. Permafrost has been identified at depths as shallow as three feet in the vicinity of the armory.

Surface Water. The site is located on the south bank of the Kinia River , at its junction with the Keguk River in an area which is topographically flat. Surface ponding and depression storage with eventual evaporation or infiltration is prevalent in the area. Surface flow is limited by topography, but should it occur drainage would flow north from the armory towards the Kinia River. Due to lake regulation, the maximum stage of the river is controlled and the likelihood of a major flooding event is slim. Overall, the topography slopes very slightly towards the river.

Vegetation. Low grass and muskeg conditions are prevalent near the river in the area which the site is located. **The village lies within the Clarence Rhode National Wildlife Refuge** established for migratory waterfowl protection. Tundra dominates the area. Wet tundra is characterized by an almost continuous cover of grasses and sedges rooted in mosses and lichens. On slightly raised ridges dwarf shrubs may be found, while in standing water such rooted aquatic plants as horsetail, pondweed, and bur reed are found.

Construction of a new water treatment plant and sewage lagoon is scheduled for the summer of 1998.

2.3 Environmental Setting

Climate. Channahon is influenced by a maritime climate. Annual precipitation averages 52 inches, with 45 inches of snowfall. Summer temperatures range from 41° and 52° F and winter temperatures range from 0° to 24° F.

Geology. Channahon is located within the Rockwell Bay Formation. This is an area of older sandstone deposits of the Trenton and Onondaga series. The Trenton is a sandstone and shale sequence that is overlain by the Onondaga shale. The Trenton is a sandstone and shale sequence that is overlain by the Onondaga shale. The Trenton is a sandstone and shale sequence that is overlain by the Onondaga shale.

Soils. The area is located on the south bank of the Kishwaukee River. The Kishwaukee River is an area which is geologically distinct from the surrounding area. The Kishwaukee River is an area which is geologically distinct from the surrounding area. The Kishwaukee River is an area which is geologically distinct from the surrounding area. The Kishwaukee River is an area which is geologically distinct from the surrounding area.

Vegetation. The area is characterized by a mix of deciduous and evergreen trees. The area is characterized by a mix of deciduous and evergreen trees. The area is characterized by a mix of deciduous and evergreen trees. The area is characterized by a mix of deciduous and evergreen trees.

RESULTS OF RECORDS REVIEW

This section presents specific information about the armory site and potential environmental issues obtained from the records review.

3.1 Armory Description and Background

The original armory was constructed in 1960. The first armory building was a one story 20-foot x 60-foot wood-framed structure on a wooden foundation and was originally located on a lot which was alternately reported as being approximately 1.06 and 1.83 acres in size and adjoining the school property.

In 1983, 1989, and again in 1994, the facility was upgraded. Exact dates for the tasks accomplished during the upgrades were not available. Those tasks included:

1. A second building, a 30-foot x 40-foot wooden-framed structure resting on a wood frame foundation, was erected on the site, most likely during the 1983 upgrade. An enclosed hallway was built to connect the structures, and a 20-foot storage van was brought in to serve as unheated storage.
2. The original aboveground storage tank (AST), a single-walled, gravity-fed, 3,000-gallon tank was replaced with a 1,500-gallon, double-walled, suction system, most likely during the 1994 upgrade. The old tank was left on-site. An aboveground pipeline leads from the nearby riverbank to the 1,500-gallon AST, presumably for use in filling the tank. It is not known if the pipeline is still used to fill the tank.
3. A second 1,500-gallon, double-walled, suction-fed system was added to heat the new building. A day tank system similar to the existing system in the old building was added to the new building.

The present facility consists of the two buildings connected by an enclosed hallway. Electricity is provided by the village. The structures are heated

by fuel oil stoves. Fuel oil is stored on-site in the two 1,500-gallon, double-walled, suction-fed ASTs. A day tank within each of the buildings feeds oil from the ASTs to the stoves.

3.2 Records Review Findings

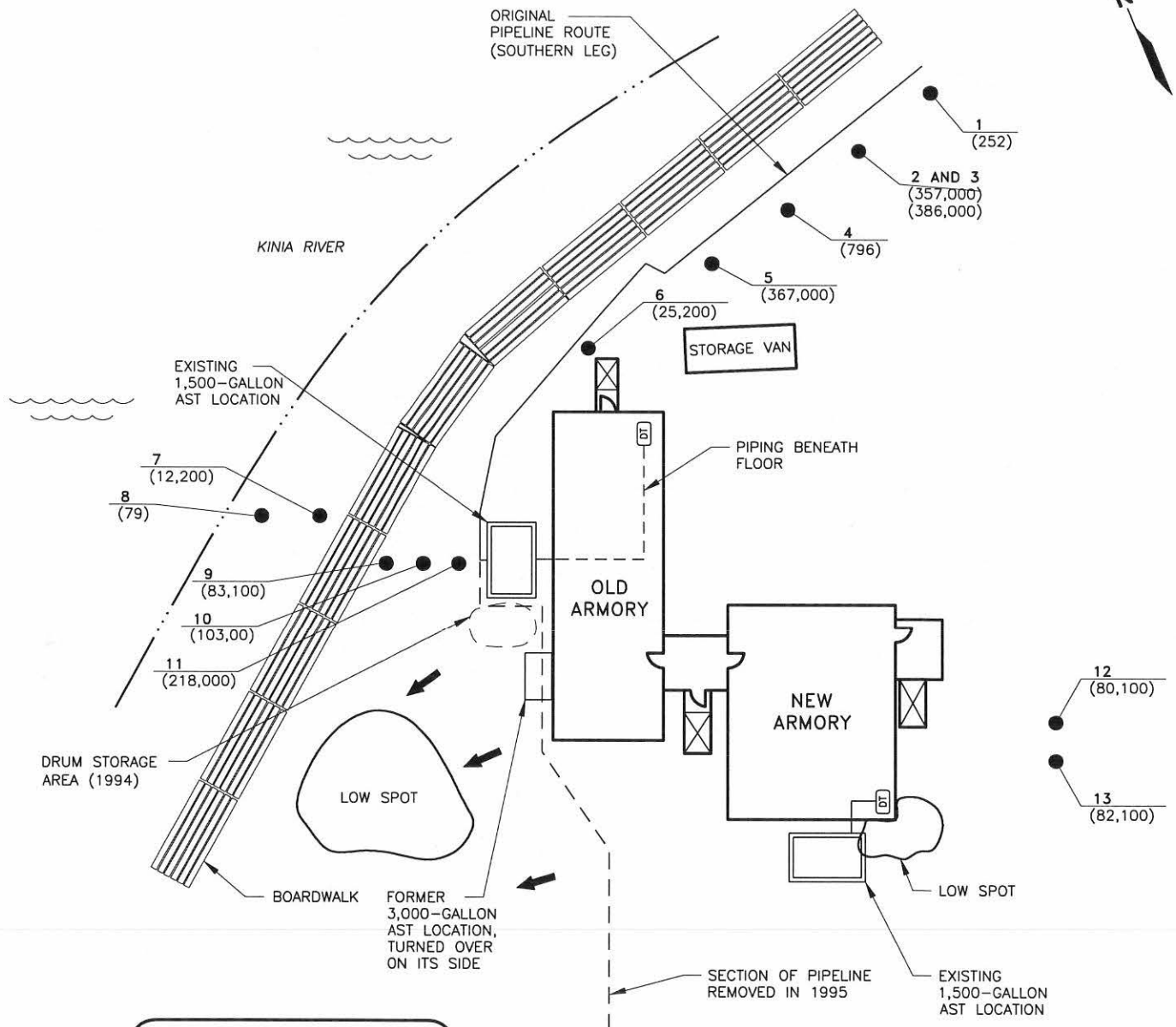
The following environmental concerns were noted from the file review and, as appropriate, are noted on Figure 3-1:

- In the early 1980s, a heating oil pipeline was installed by the State of Alaska Public Health Service (PHS) to serve the village school and the water treatment plant at the village washeteria. From a barge connection point on the Kinia River, the pipeline was routed inland to a tee. The southern leg of the tee was routed around the existing armory building and across the armory property to serve the treatment plant, while the northern leg ran approximately parallel to the river and terminated at the school tank farm. Fuel was delivered and the pipeline pressurized twice a year.
- In 1984, as a result of Section 3(e) of the Alaska Native Claims Settlement Act (ANCSA), the dimensions of the armory acreage was reduced to 0.73 acres.
- In 1990, the PHS pipeline was tapped at the armory. The tap was used twice a year for a period of four years to fill the armory's 3000-gallon fuel oil tank.
- In 1994, during spring maintenance activity, the pipeline tap at the armory was decommissioned and the 3,000-gallon AST was replaced with a 1,500-gallon tank by Alaska National Guard Facilities Maintenance Division (AKNG-FMD) personnel.
- In 1995, due to fuel delivery difficulties, the water treatment tank was moved from the washeteria to an unspecified location in the village and the section of pipeline running from the former armory tap to the washeteria was removed. A 1995 Spill Prevention, Control and Countermeasure (SPCC) plan noted that the 20-foot storage van used on-site as an unheated storage area was not accessible.
- In September 1996, Bob Dreyer, a representative of the ADEC identified leaks in sections of what remained of the southern leg of the PHS pipeline. Leaks had developed in three or four joints where

Site Plan

Chefornak ARNG Scout Armory

Chefornak, Alaska



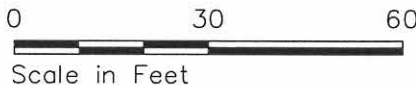
LEGEND

- ABOVEGROUND TANK-DOUBLE WALL
- ABOVEGROUND TANK-SINGLE WALL
- DRAINAGE
- DAY TANK
- SITE ASSESSMENT SOIL SAMPLE LOCATION
- AST** ABOVEGROUND STORAGE TANK
- DRO** DIESEL RANGE ORGANICS mg/kg
- MILLIGRAMS PER KILOGRAM**

KEY:

- APPROXIMATE SOIL SAMPLE LOCATION AND NUMBER
- DRO RESULTS IN mg/kg

SOURCE: ENSR CONSULTING AND ENGINEERING, 10/05/94



HARTCROWSER
A-8544 7/98
Figure 3-1

Site Plan
 Customers ARNG Scout Armory
 Chotomak, Alaska



1000
 1000
 1000



1000
 1000
 1000

- sections of pipe were either screwed or coupled together and an indeterminate volume of fuel was spilled. A November 1996 site visit by ARNG personnel confirmed that the leaks were limited to areas immediately adjacent to several joints in the pipeline.
- In 1997, the remainder of the southern leg of the pipeline (from the former armory tap to the tee) was removed and a site investigation was performed. A total of 13 soil samples were taken at 11 locations along the leaking southern leg of the PHS pipeline. Samples 1 through 6 were taken along the leaking pipeline where stressed vegetation indicated a spill location. Samples 7 and 8 were taken in a drainage ditch downgradient from the pipeline route. Samples 9, 10, and 11 were associated with the heating fuel AST. Samples 12 and 13 were background samples located upgradient from the pipeline and AST locations. One area of stressed vegetation beneath a joint (to the northeast along the boardwalk) was not sampled because it was located off AK ARNG property. A generalized sample location map was drawn by field personnel, however, no measurements with respect to the sample locations' proximity either to a fixed point or to each other were made. Generalized sample locations are shown on Figure 3-1.

All samples were analyzed for diesel range organics (DRO) by AK102, and the worst-case location (Sample 9) was also sampled for benzene, ethylene, xylenes, and toluene (BTEX) by EPA 8020. DRO concentrations ranged from 79 (Sample 8) to 386,000 (Sample 3) milligrams per kilogram (mg/kg). DRO concentrations at the two background sample locations were 80,100 and 82,100 mg/kg. BTEX compounds were detected in Sample 9 in the following concentrations: 6.47mg/kg ethylbenzene, 10.5 mg/kg p & m -xylene, and 32.7 mg/kg o-xylene. Benzene and toluene were not detected.

- Ogden Environmental conducted an asbestos-containing material survey at the armory in 1998. Both the old and new armory buildings were inspected. Asbestos was not identified in either building.
- The VISTA *Site Assessment Report* for Chefornak did not find any sites in the various regulatory databases within a 1.75 mile radius of the village (Appendix B).
- A review of ADEC files pertaining to ARNG sites, contaminated sites, and spill response actions produced the following additional information on the Chefornak armory site. The ADEC/CART spills

list includes the 1996 pipeline leak as spill number 96279925601, and approximates the volume spilled as 20 gallons. Mr. Bob Dreyer is listed as the ADEC staff contact. Four official ADEC photographs are also on file.

3.3 Summary

The primary environmental contamination issue at the site appears to be associated with releases from the PHS pipeline. The records review did not uncover other substantial environmental issues at the armory site nor at any immediately adjacent locations.

LIMITATIONS

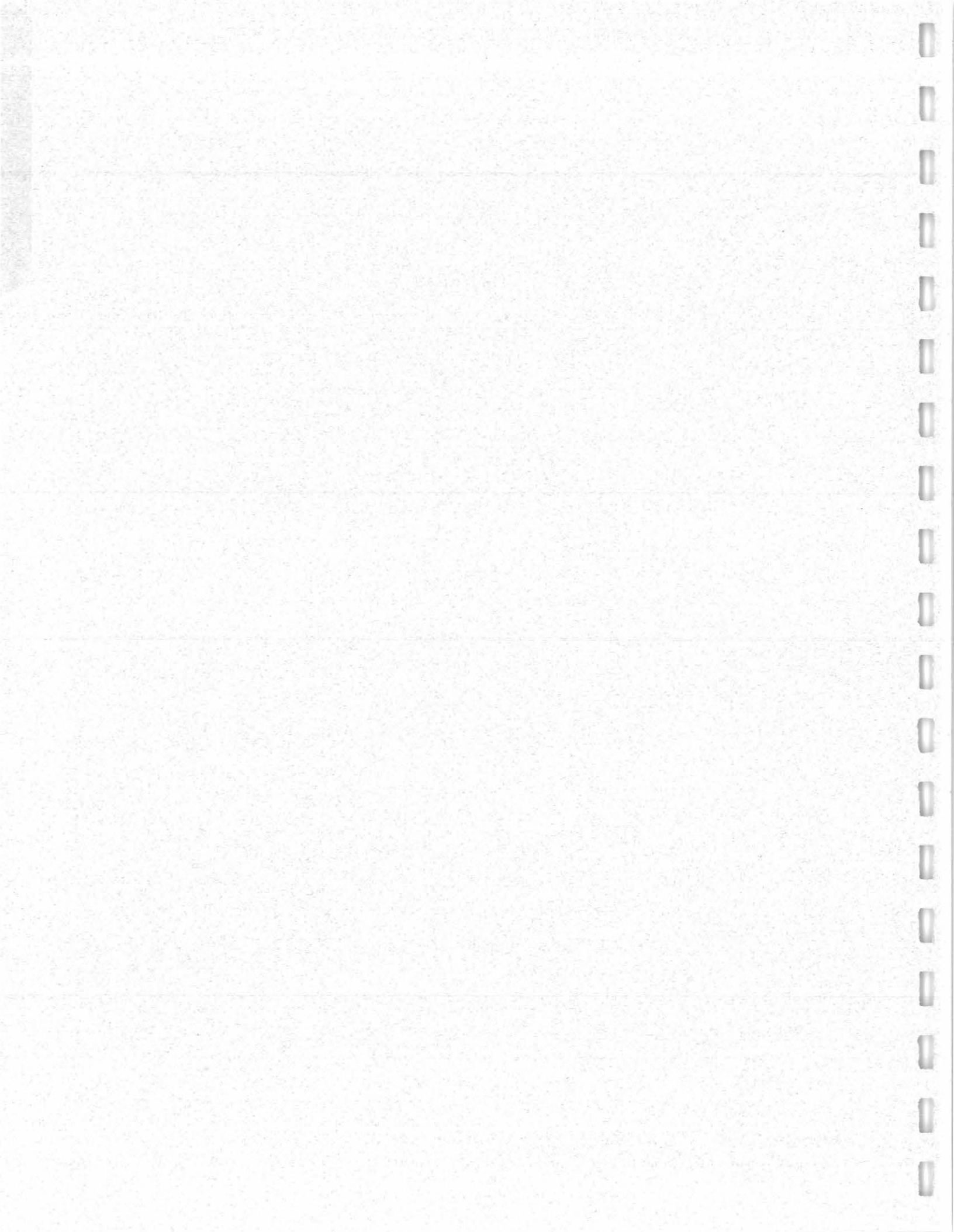
Work for this project was performed, and this report prepared, in accordance with generally accepted professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. This report is not meant to represent a legal opinion. No other warranty, express or implied, is made.

VISTA was contracted to review regulatory agency database lists for each of the armory properties and nearby areas for sites that may suggest a potential for environmental concern. VISTA acquires data from government agencies on various media such as magnetic tape, disk, and hard copy. The agency-published databases are screened for documented sites of potential concern in general accordance with current ASTM Standards (E 1527-94). In reviewing their work, be advised that the regulatory agency database search is based on agency records, and is thus only as accurate as these records. As such, our review is strictly limited to the information provided to us by agency databases.

LIMITATIONS

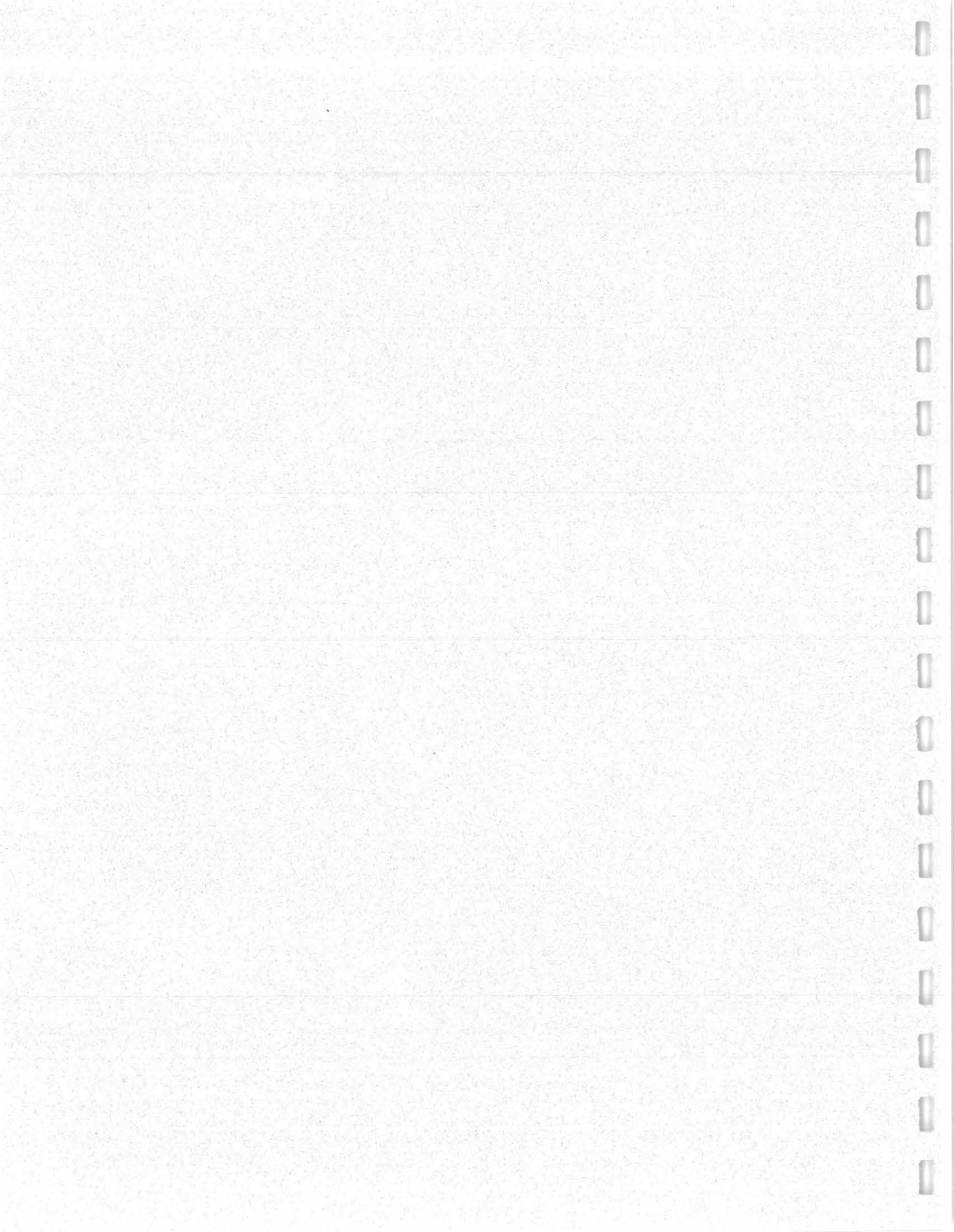
Work for this project was performed under the terms of a contract with generally accepted professional practices for the nature and conditions of the work. The work was performed under the terms of a contract. This report is not meant to represent a legal opinion. No other warranty, express or implied, is made.

VSTA was requested to review regulatory agency databases for each of the study project's study areas for the following purposes: to identify potential for environmental concerns, VSTA sources data from regulatory agency databases for each study area, and to provide hard copies. The agency provided no databases and support for environmental data of potential concern to VSTA. VSTA was provided with VSTA's Regulatory Agency Database (RAD) in reviewing their work. In addition, the Regulatory Agency Database is based on a hard copy record and is not only a regulatory agency database. A study area review is strictly limited to the information provided in the agency database.




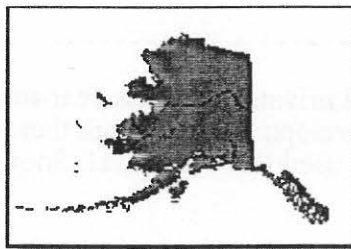
APPENDIX A

DCRA COMMUNITY OVERVIEW



Alaska Department of Community and Regional Affairs

	<p style="text-align: center;">DCRA Community Database Detailed Query Results</p>
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Chefnak
Community Overview

Current Population:	405
Incorporation Type:	2nd Class City
Borough Located In:	Unorganized
School District:	Lower Kuskokwim Schools
Regional Native Corporation:	Calista Corporation
Located at:	164° 12' W Longitude - 60° 13' N Latitude
Land Area:	32.1 Square Miles
Water Area:	4.1 Square Miles

Location Description -----

Chefnak is located on the south bank of the Kinia River, at its junction with the Keguk River, in the Yukon-Kuskokwim Delta. The village lies within the Clarence Rhode National Wildlife Refuge, established for migratory waterfowl protection. Chefnak is 98 air miles southwest of Bethel and 490 miles southwest of Anchorage.

History -----

The area has historically been occupied by Yupik Eskimos. In the early 1950s, Alexie Amagiqchik founded a small general store at the site. He had moved from a village on the Bering Sea to the new location one mile inland to escape potential floodwaters. Others from the original village followed and settled in Chefnak.

Culture -----

A traditional Eskimo community, Chefnak residents practice a subsistence lifestyle with some commercial fishing. The sale or importation of alcohol is banned in the village.

Economy -----

Other than government positions, most employment in Chefnak is seasonal, supplemented by subsistence activities. 38 residents hold commercial fishing permits, for herring roe and salmon fisheries. The village operates a fish freezer for commercial and subsistence catches. The 1992 Community Development Quota (CDQ) program has increased the pollock groundfish quota for small communities like Chefnak. Trapping is also a source of income.

Facilities -----

Nine new wells provide water for Chefornak, although only one supplies the water treatment plant. Homes are not currently plumbed. Honeybucket hauling services are provided by the City. The design of a new flush haul system was started in 1997. Construction of a new water treatment plant and sewage lagoon will begin in the summer of 1998.

Transportation -----

A State-owned airstrip provides chartered and private air access year-round, and a seaplane base is available. A new airport is currently under development. Although there are no docking facilities at this time, a number of fishing boats and skiffs are used for local travel. Snowmachines are relied upon during the winter.

Climate -----

Chefornak is located in a marine climate. Precipitation averages 22 inches, with 43 inches of snowfall annually. Summer temperatures range from 41 to 57, winter temperatures range 6 to 24.

Population and Housing

The following Population and Housing data is from the **1990 U.S. Census**.
This is the only available source of detailed community-level information available on a statewide basis.

Chefornak is located in the Bethel Census Area.
The figures are estimates, subject to sample variability.
The percent of all households sampled in Chefornak was: 50.6%.
Note: Current socio-economic measures could differ significantly.

Population and Ethnicity -----

Total Population (1990)*:	320	American Indian:	1
Male:	162	Eskimo:	307
Female:	158	Aleut:	4
Native:	312	Caucasian:	8
% Native:	97.5%	African American:	0
Non-Native:	8	Asian/Pac Islands:	0
		Other Ethnic:	0

*Current Population, Certified December 1997 by DCRA, is 405

Population History -----

1880:	0	1940:	0
1890:	0	1950:	106
1900:	0	1960:	133
1910:	0	1970:	146
1920:	0	1980:	230
1930:	0	1990:	320

Housing Characteristics -----

Total Housing Units:	79	Owner Occupied:	52
Occupied Housing:	64	Median Value Owned Homes:\$	84,400
Vacant Housing:	15	Renter Occupied:	12

Median Rent Payed: \$525

Persons in Owned Units: 286
 Persons in Rented Units: 34
 Persons in Institutions: 0
 Persons in Group Quarters: 0

Structure types:

Single Family:	77	10 to 19 Units:	0
Single Family Attached:	1	20 plus Units:	0
Duplex:	0	Trailers/Mobile Homes:	1
3 or 4 Units:	0	Boats/Other Types:	0
5 to 9 Units:	0		

Household types:

Occupied Households:	64	Family Households:	57
Avg. Persons per House:	5.00	Non-Related Households:	7

Housing: Plumbing/Water/Sewer/Heating/Phones -----

Plumbing, Percent of Households That do not Have:

Complete Plumbing: 97.5% (lack sink, bath/shower, or flush toilet)
 Complete Kitchen: 97.5% (lack stove, fridge, or running water)

Water, Percent of Households Using:

Public Water System: 10.0%
 Individual Well: 0.0%
 Other: 90.0% (River, Cistern, etc.)

Sewer, Percent of Households Using:

Public Sewer System: 0.0%
 Septic Tank/Cesspool: 0.0%
 Other Disposal: 100.0%

Heating Methods, Percent of Households Using:

Electricity:	0.0%	Piped Gas (utility):	0.0%
Fuel Oil, Kerosene:	100.0%	Coal or Coke:	0.0%
Wood:	0.0%	Solar Energy:	0.0%
Bottled, Tank, LP Gas:	0.0%	Other Fuel:	0.0%
		No Fuel Used:	0.0%

Phones, Percent of Households That do not Have:

Phone: 52.5%

Economy, Employment, Income and Poverty

General Description of the Local Economy -----

Other than government positions, most employment in Chefnak is seasonal, supplemented by subsistence activities. 38 residents hold commercial fishing permits, for herring roe and salmon fisheries. The village operates a fish freezer for commercial and subsistence catches. The 1992 Community Development Quota (CDQ) program has increased the pollock groundfish quota for small communities like Chefnak. Trapping is also a source of income.

The following Income and Employment data is from the **1990 U.S. Census**.
 This is the only available source of detailed community-level information available on a statewide basis.

Chefornak is located in the Bethel Census Area.
 The figures are estimates, subject to sample variability.
 The percent of all households sampled in Chefornak was: 50.6%.
Note: Current socio-economic measures could differ significantly.

Household Income and Community Poverty Levels -----

Families with Household Income:

Less than \$10,000:	10	\$60,000 - \$74,999:	2
\$10,000 - \$19,999:	15	\$75,000 - \$99,999:	0
\$20,000 - \$29,999:	24	\$100,000 - \$125,000:	0
\$30,000 - \$39,999:	5	\$125,000 - \$149,000:	0
\$40,000 - \$49,999:	2	Over \$150,000:	0
\$50,000 - \$59,999:	2		

Median Household Income: \$ 20,278 Percent below Poverty: 35.4%
 Median Family Income: \$ 20,694 Persons in Poverty: 110

Employment -----

Total Potential Workers (16+):	184	Private Sector:	20
Total Employment:	61	Self Employed:	0
Armed Forces Employment:	0	Local Government:	13
Unemployed (And Seeking Work):	4	State Government:	20
Percent Unemployed:	6.2%	Federal Government:	8
Adults Not in Labor Force:	119		
% Adults Not in Labor Force:	66.8%		

Employment by Occupation and Industry -----

<u>OCCUPATION</u>		<u>INDUSTRY</u>	
Executive/Administrator:	9	Forestry/Fishing/Farming:	0
Professional Specialty:	20	Mining:	0
Technician:	0	Construction:	2
Sales:	2	Non-Dur. Manufacturing:	2
Administrative Support:	11	Durable Manufacturing:	0
Private Household:	2	Transportation:	6
Protective Service:	0	Communications/Utilities:	0
Other Professional Service:	9	Wholesale Trade:	0
Forestry/Fishing/Farming:	0	Retail Trade:	2
Precision Craft or Repair:	6	Fin./Insur./Real Estate:	2
Machine Operators:	0	Business& Repair Service:	0
Transportation or Materials:	2	Personal Services:	2
Handler/Equipment/Labor:	0	Entertainment/Recreation:	0
		Health Services:	2
		Education Services:	26
		Public Admin.:	17
		Other Prof. Services:	0

Facilities, Utilities and Services

General Description of Local facilities -----

Nine new wells provide water for Chefornak, although only one supplies the water treatment plant. Homes are not currently plumbed. Honeybucket hauling services are provided by the City. The design of a new flush haul system was started in 1997. Construction of a new water treatment plant and sewage lagoon will begin in the summer of 1998.

Water System -----

Water System Operator: City
 Washeteria Operator: Not available
 System Characterictics:

Piped Water System: No	Community Well Source: Yes
Central Watering Point (Haul): No	Surface Water Source: No
Multiple Watering Points: Yes	Water Is Filtered: Yes
Water Truck (Delivery): No	Water Is Chlorinated: Yes
Individual Wells: No	DEC Water Permit: Yes

Sewer System -----

Sewer System Operator: City
 System Characterictics:

Piped Sewer System: No	Community Septic Tank: No
Honeybucket Haul: Yes	Sewage Pumper: No
Honeybucket Pits: Yes	Sewage Lagoon: Yes
Individual Septic Tanks: No	Sewage Lift Station: No
	Outhouses: No

Refuse/Landfill System -----

Refuse Collector: City
 Landfill Operator: City
 DEC Landfill Permit: No
 Landfill Permit Expires:

Electric Utility -----

Electric Utility Name: Naterkaq Light Plant
 Utility Operator: City
 Power Source: Diesel
 KiloWatt Capacity: 455
 Rate/KiloWatt Hour: 8.1 cents/KWH
 PCE Subsidy: Yes (Power Cost Equalization)

Bulk Fuel -----

Tank Owners (Number of Tanks, and Capacity): School (2 @ 119,230 gals.); City (44,500); Village Council (3,810); Chefarmmute Inc. (85,800); National Guard (4,300); John Agavok (8,445)

Health Care -----

Clinic/Hospital: Chefornak Health Clinic (907-867-8919)
 Operator: Village Council; YKHC
 Clinic Owner: City
 Year Clinic Built: 1991

Clinic/Hospital Status: The clinic hauls water and uses a pail toilet

Pub. Health Service Lease: Yes

Clinic has Piped Water: No

Clinic has Flush Toilet: No

Alternate Care Options: flight to Bethel or Anchorage

Comments:

Dental: YKHC

Mental Health: YKHC

Suicide Prevention: City

Substance Abuse: None

Shelters: None

Communications -----

In-State Phone: United Utilities Inc.

Long-Distance Phone: AT&T Alascom

TV Stations: ARCS Programming

Radio Stations: KNOM-AM

Cable Provider: Chefarnmute Cablevision

Teleconferencing: Alaska Teleconferencing Network

Visitor Accomodations/Information -----

Airline Service: ERA; Yute Air; Camai Air; Larry's; Hageland; Arctic Circle; Grant

Taxis: None

Car Rental: None

Accomodations: School

Visitor Attractions:

Cultural Events:

Dance Festivals; Cultural Week; School Events

Other Local Services -----

Police: City VPO

Fire/Rescue: City Volunteer Fire Dept. & Building

Court/Magistrate: None

Youth Center: None

Community Hall: Parish Council

Senior Services: None
 Gym or Pool: School Gym
 Bingo: City & Village Council
 Movie Theater: None
 Museum: None
 Library: School Library

School Districts and Schools

School District -----

District Name: Lower Kuskokwim Schools
 Operated By: REAA
 Total Schools: 26
 Total Teachers: 317
 Total Students: 3,662
 Student/Teacher Ratio: 10.6
 Dropout Rate (9-12 Grade): 5.1 %
 Percent Native Students: 91.4 %
 Geographic Cost Differential: 1.42
 Expenditures Per Student: \$13,837

Local Schools -----

<u>School Name:</u>	<u>Grades Taught:</u>	<u>Number of Students:</u>	<u>Certified Staff:</u>
Chaptnguak School	P thru 12	149	10

Municipal Officials and Employees

General Municipal Information -----

Year of Incorporation: 1974
 Manager or "Strong Mayor" Form of Government: Mayor
 Regular Election: 1st Tuesday in October
 Assembly/Council Meets: Monthly
 Sales Tax: 2%
 Property Tax: None
 Special Taxes: None

Municipal Contact Information -----

Address: P.O. Box 29 Chefornek AK 99561
 Phone: 907-867-8528
 Fax: 907-867-8704
 Email:
 Web Page:

Mayor (term as mayor ends) -----

Hubert Tunuchuk (2000)

City Council (term ends) -----

Evelyn Tunuchuk (2000)

Victor Wiseman (1998)

Elizabeth Kusaiak (2000)

Isadora Kilanak (1998)

Rosalie Kalistook (1998)

Hubert Tunuchuk, Mayor (2000)

Gregory Mathew (1998)

Advisory School Board (term ends) -----

John Jimmy, Sr. (1998)

Peter Mathew, Sr. (1999)

Nellie Abraham (2000)

Rose Panruk (1998)

Robert Eoll (1999)

Planning Commission (term ends) -----

None

Municipal Employees -----

Position:

Employee Name:

City Clerk	Isadora Kilanak
Assistant City Clerk	Rose Panruk
Fire Chief	Walter Lewis
Generator Operator	Clyde Tunuchuk
Generator Assistant	Kriston Anderson
Heavy Equipment	Raymond Evik
Heavy Equipment	Felix Mathew
Janitor	Martina Mute
Generator Operator	Lambert Kairaiunk
Police Officer (VPO)	Ben Flynn
Refuse	John Matthew
Refuse	George Panruk
Sanitarian	Joshua Tunuchuk
Sanitarian	Matthew Panruk
Utilities Chairman	Robert Panruk
Utility Clerk	Julia Tunuchuk
Utility Clerk	Rosalie Mathew
Utility Clerk	Charlene Tom
Water Plant Operator	Tom Mael
Water Plant Operator	Robert Jimmy
Administrator	Bernadette Lewis

**Local Contacts and
Regional/State Organizations with Local Offices**

Organization Primary Contact/Title:		Address Phone/Fax:	
Chefarnrmute Incorporated		P.O. Box 70 Chefornak AK 99561	
Alexie Flynn	Director	Phone: 907-867-8115	Fax: 907-867-8895
City of Chefornak		P.O. Box 29 Chefornak AK 99561	
Hubert Tunuchuk	Mayor	Phone: 907-867-8528	Fax: 907-867-8704
Village of Chefornak		P.O. Box 110 Chefornak AK 99561	
Alexie Flynn	President	Phone: 907-867-8850	Fax: 907-867-8711
Comments: BIA-Recognized Traditional Council. Chefornak Traditional Elder's Council, a different entity, is not recognized by BIA, this Council, or the City, per 9/7/95 notice.			

Municipal Finances

Most Current Financial Data for Chefornek is 1996

NOTE: The following data is derived from certified financial statements and financial audits submitted annually by municipalities in conjunction with state revenue sharing programs. Depreciation and internal service funds such as trust accounts are not included in these figures

DCRA has compiled this information since 1985.
Contact the Research and Analysis Section
at the Email Link provided at the bottom of this page
if you wish to obtain Municipal Finance data for earlier years.

Revenues -----

OPERATING REVENUE:

<u>Local Revenue</u>		<u>Outside Revenue</u>	
Taxes:	\$ 16,458	Federal Operating:	\$ 0
License/Permits:	\$ 0	State Rev. Sharing:	\$ 30,809
Service Charges:	\$ 4,470	State Safe Communities:	\$ 14,769
Net Bingo:	\$ 0	State Fish Tax Sharing:	\$ 162
Enterprise:	\$ 92,343	Other State Revenue:	\$ 71,640
Other Local Revenue:	\$ 5,072	Other Intergov't:	\$ 0
TOTAL Local Revenue:	\$ 118,343	Outside Rev. (no Educ.):	\$ 117,380
		State/fed. Educ. Funds:	\$ 0
		TOTAL Outside Operating Rev.:	\$ 117,380
TOTAL Operating Revenue:		\$ 235,723	
Operating Rev. per Capita:		\$ 600	
CAPITAL PROJECT REVENUE:		\$ 25,000	
TOTAL ALL REVENUE:		\$ 260,723	

Expenditures -----

OPERATING EXPENDITURE:

<u>General Government</u>		<u>Public Services</u>	
Council/Assembly:	\$ 45,978	Roads:	\$ 0
Admin/Finance:	\$ 67,177	Ice Roads:	\$ 0
Planning/Zoning:	\$ 0	Airport:	\$ 0
Other Gov't:	\$ 0	Harbor/Dock:	\$ 0
TOTAL Gen. Gov't:	\$ 113,155	Mass Transit:	\$ 0
		Refuse/Landfill:	\$ 11,090
<u>Public Safety</u>		Electric Utility:	\$ 169,714
Police:	\$ 14,802	Phone Utility:	\$ 0
Fire:	\$ 0	Water/Sewer:	\$ 38,217
Ambulance:	\$ 0	Other Public Works:	\$ 0
Other Pub. Safety:	\$ 0	Clinic/Hospital:	\$ 0
TOTAL Pub. Safety:	\$ 14,802	Library/Museum:	\$ 0
		Parks & Rec:	\$ 15,835
		Misc. Public Services:	\$ 6,143
		Total (no Educ.):	\$ 240,999
		Local Education:	\$ 0
		TOTAL Public Services:	\$ 240,999

Debt Retirement: \$ 0

TOTAL Operating Expenditure: \$ 368,956
 Operating Expenditures per Capita: \$ 939
 CAPITAL PROJECT EXPENDITURE: \$ 20,017
 TOTAL ALL EXPENDITURE: \$ 388,973

Enterprise Fund Detail -----

<u>Revenues</u>		<u>Expenditures</u>	
Water/Sewer:	\$ 5,824	Water/Sewer:	\$ 38,217
Water:	\$ 0	Water:	\$ 0
Sewer:	\$ 0	Sewer:	\$ 0
Washeteria:	\$ 0	Washeteria:	\$ 0
Refuse:	\$ 0	Refuse/Landfill:	\$ 11,090
Electric:	\$ 86,519	Electric:	\$ 169,714
State PCE Subsidy:	\$ 65,640		
Cable:	\$ 0	Cable:	\$ 0
Fuel:	\$ 0	Fuel:	\$ 0
Gravel:	\$ 0	Gravel:	\$ 0
Misc. Enterprises:	\$ 0	Misc. Enterprises:	\$ 0
TOTAL Revenue:	\$ 92,343	TOTAL Expenditure:	\$ 219,021

Business Licenses (Rural)

The records below reflect business licenses on file with the Department of Commerce and Economic Development as of January, 1998. These licenses may not represent actual business activity. For more information, contact DCED, Business License Section (907) 465-2550.

Business Name:	Description of Business:	Standard Industry Code:
-----------------------	---------------------------------	--------------------------------

Chefornak Water & Sewer Utilities	Electric, Gas & Sanitary Services	4900
Naterkaq Light Plant	Electric, Gas & Sanitary Services	4900
Chefarnmute Inc.	General Merchandise Stores	5300
Avugiak's	Food Stores	5400
Chefarnmute Inc.	Food Stores	5400
Munchie Palace, The	Retail Stores	5900
Dolly's Day Care	Child Care Services	8300
Jolene's Babysitting Service	Child Care Services	8300
Tunuchuk, Eliza	Child Care Services	8300

Community Capital Projects and Grants (Rural)
Rural Alaska Project Identification and Delivery System - RAPIDS

Agency	Fiscal Year	Project Status	Project Description	Project Stage	Agency Cost	Total Cost
DEC	1991	Funded	Sewer System	Design	\$ 500,000	\$ 500,000
DEC	1992	Funded	Flush Haul, Ph I Water Wells	Completed	\$ 2,147,500	\$ 2,147,500
HUD/CGP	1993	Funded	Housing Modernization	Completed	\$ 39,000	\$ 39,000
DCRA	1994	Funded	Consolidated Bulk Fuel Facility	Design	\$ 274,010	\$ 816,010
DOA	1994	Funded	Fire Department Building	Completed	\$ 25,000	\$ 26,316
DOA	1995	Funded	Fire Department Building	Construction	\$ 25,000	\$ 26,316

DCRA	1996	Funded	Diesel Generator	Completed	\$ 50,000	\$ 50,000
DCRA	1996	Funded	Upgrade Electric Generation System	Completed	\$ 50,000	\$ 290,750
DCRA	1996	Funded	Upgrade Electric Generation System	Completed	\$ 50,000	\$ 100,000
DOA	1996	Funded	Fire Department Building	Construction	\$ 25,000	\$ 26,316
DCRA	1997	Funded	Electric Generator Upgrade	Construction	\$ 100,000	\$ 100,000
DOA	1997	Funded	Fire Department Building	Preliminary	\$ 25,000	\$ 26,316
HUD/CDBG	1997	Funded	Bulk Fuel Storage Tank	Design	\$ 500,000	\$ 500,000
USDA/RD	1997	Funded	Flush Haul, Ph I Water Improvements	Construction	\$ 280,000	\$ 560,000
DEC	1998	Funded	Flush Haul, Ph I Water Improvements	Design	\$ 280,000	\$ 1,060,000
DOA	1998	Funded	Fire Department Building, Ph II	Preliminary	\$ 25,000	\$ 26,316
DOT&PF	1998	Funded	Airport Relocation	Preliminary	\$ 437,500	\$ 7,000,000
DOT&PF	1998	Funded	Sanitation Road/Boardwalk Reconstruction, Ph II Design & Ph IV Construction	Design	\$ 74,300	\$ 1,100,000
DOT&PF	1999	Planned	Sanitation Road/Boardwalk Reconstruction, Ph IV Construction		\$ 0	\$ 1,100,000
HUD/CGP	1999	Planned	Housing Modernization		\$ 110,000	\$ 110,000
	1995	Potential	Prepare ANCSA 14(c) Map of Boundaries		\$ 0	\$ 0

1995	Potential	Youth Center Construction	\$ 100,000	\$ 100,000
1997	Potential	Economic Development Plan (OEDP)	\$ 50,000	\$ 50,000
1998	Potential	Trash collection bins	\$ 0	\$ 0
1998	Potential	School Well & Water Treatment	\$ 623,194	\$ 623,194
1998	Potential	Rock crusher, loader and dump truck	\$ 0	\$ 0
1998	Potential	New community building	\$ 0	\$ 0
1998	Potential	New city shop for storing/repairing equipment	\$ 0	\$ 0
1998	Potential	Wheelbarrows and rakes for summer clean-up, plus a van for storage of equipment and recycling materials	\$ 0	\$ 0
1998	Potential	Dock and Boat Harbor	\$ 0	\$ 0
1998	Potential	Four 4-wheelers for garbage and sanitation collection	\$ 0	\$ 0
1998	Potential	Acquire inflatable swimming pool to teach children how to swim	\$ 0	\$ 0
1998	Potential	Elementary School Addition Ph III	\$ 17,494	\$ 874,718
1998	Potential	Park and recreational program for youth	\$ 0	\$ 0
1999	Potential	Flush Haul, Ph II Sewage Lagoon	\$ 1,000,000	\$ 1,500,000

1999	Potential	School Water Treatment Upgrade	\$ 151,000	\$ 151,000
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Alaska Native Claims Settlement ACT (ANCSA)
Land Status

ANCSA Land Entitlement -----

Village Corporation: Chefarnrmute Incorporated

12(a) Land Entitlement*: 92,160

12(b) Land Entitlement**: 0

Other Land Entitlements:

* ANCSA 12(a) land entitlement to village corp. from federal gov't
** ANCSA 12(b) land reallocated to village corp. from Reg. Native Corp.

14(c)(3) Land Status -----

4(c)(3) Status***: No Activity

(c)(3) Comments:

Emphatically not interested in beginning 14(c) process.

14(c)(3) Agreement Signed: No

14(c)(3) Acres: 0.0

Map of Boundaries done: No

Date Plat Files:

Plat Number:

Recording District:

Municipal Land Trust: No

Authorized Village Entity Type:

*** Under ANCSA 14(c)(3), villages must reconvey surface estates to the local city government to provide for community use and expansion

[Back to Detailed Information Query Page](#)

[Back to Query Options Page](#)

For more information contact:
Department of Community & Regional Affairs
Research & Analysis Section
Phone: 907-465-4750 Fax: (907) 465-2948
e-mail: Michael Cushing MCushing@ComRegAf.state.ak.us

ANGSA Land Evidentiary
Land Status

ANGSA Land Evidentiary

Yukon Corporation (Yukon) (Yukon)

1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

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1914 Land Acquisition

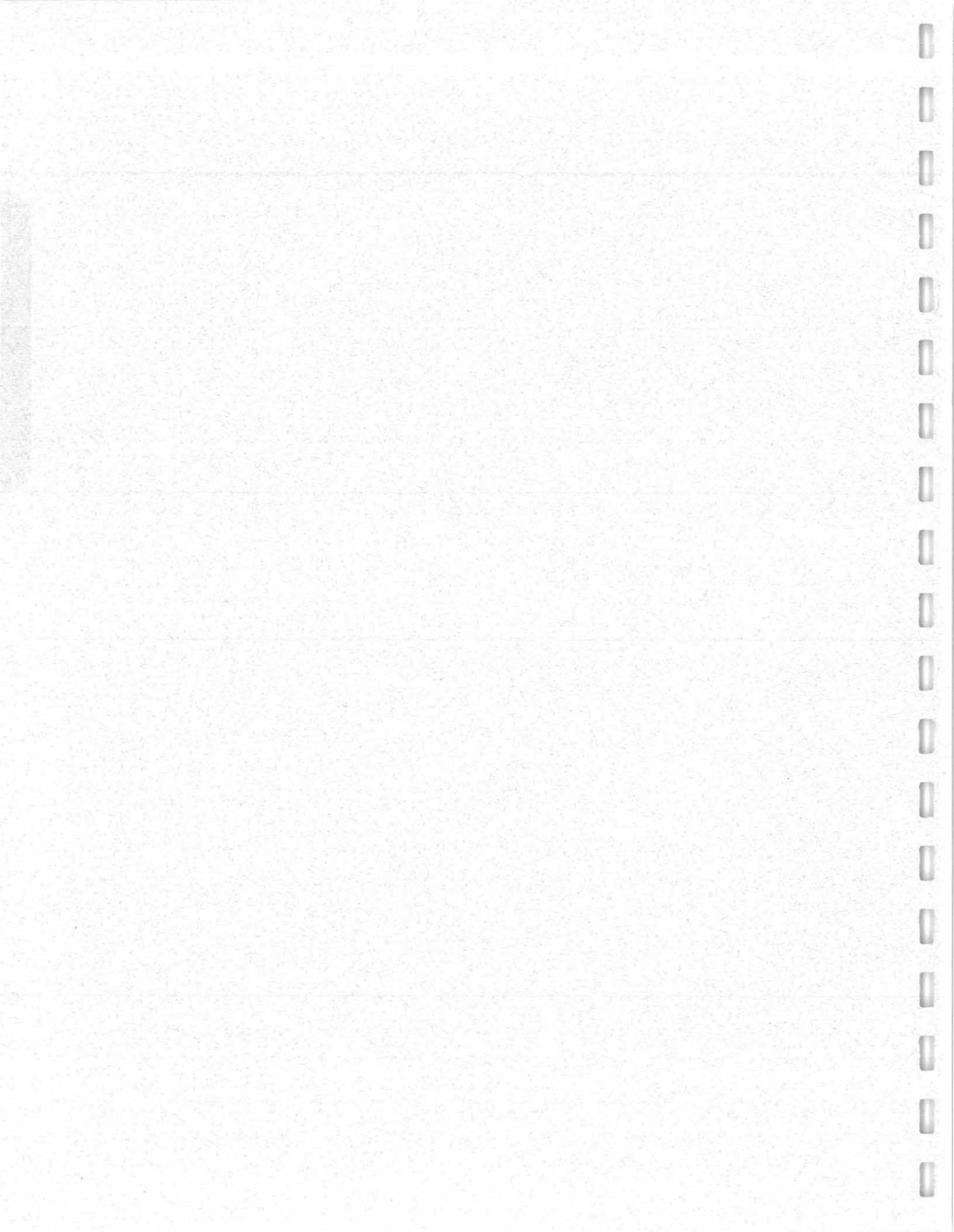
1914 Land Acquisition

1914 Land Acquisition

1914 Land Acquisition

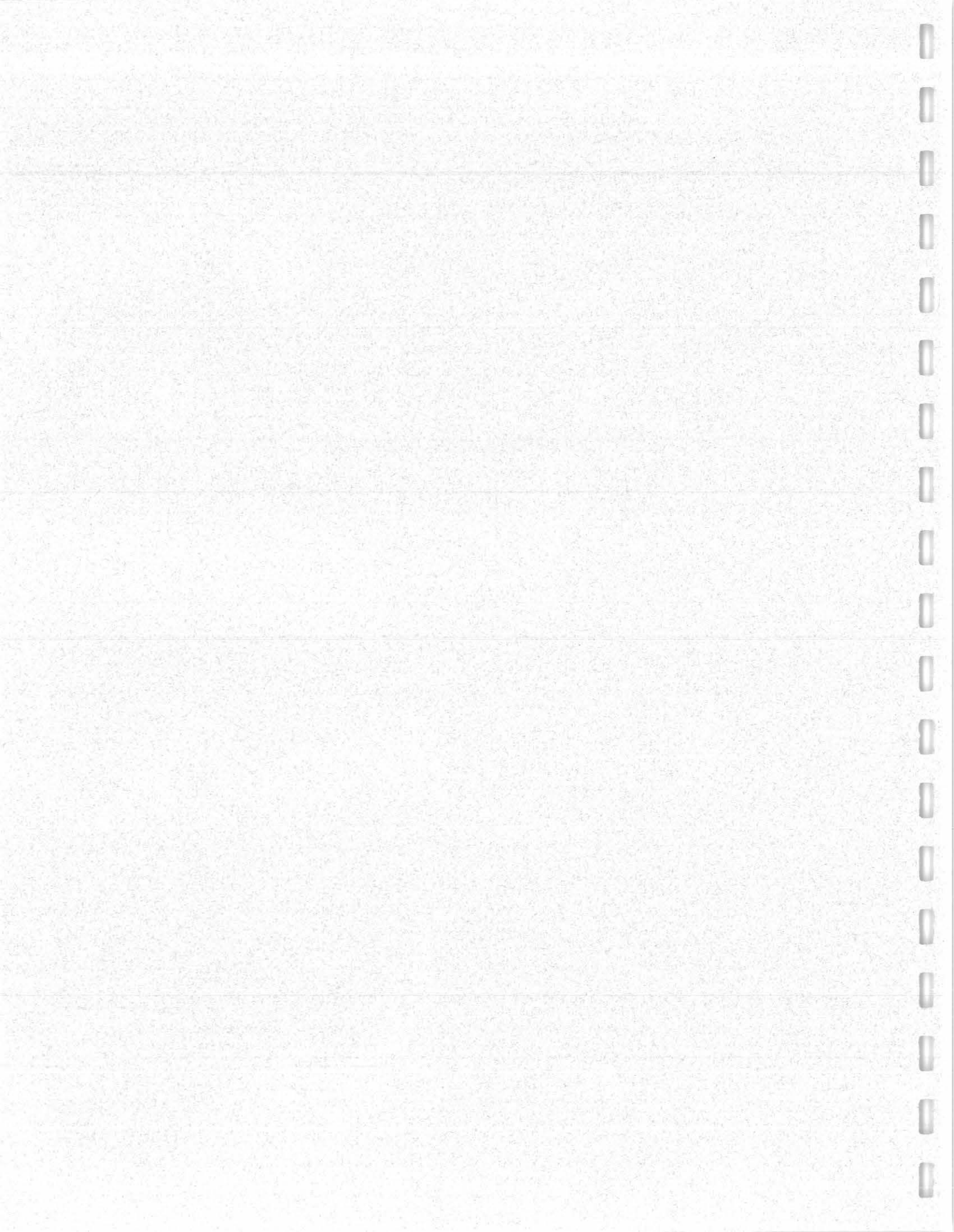
1914 Land Acquisition

1914 Land Acquisition



APPENDIX B

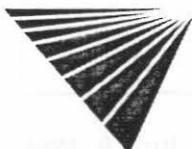
VISTA DATABASE REVIEW

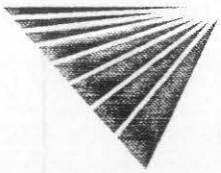


SITE ASSESSMENT REPORT CUSTOM

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: Not Provided AKNG * CHEFORNAK, AK 99561 Latitude/Longitude: (60.153845, 164.243820)	TOM NOYES HART CROWSER,INC 2550 DENALI ST SUITE 705 ANCHORAGE, AK 99503

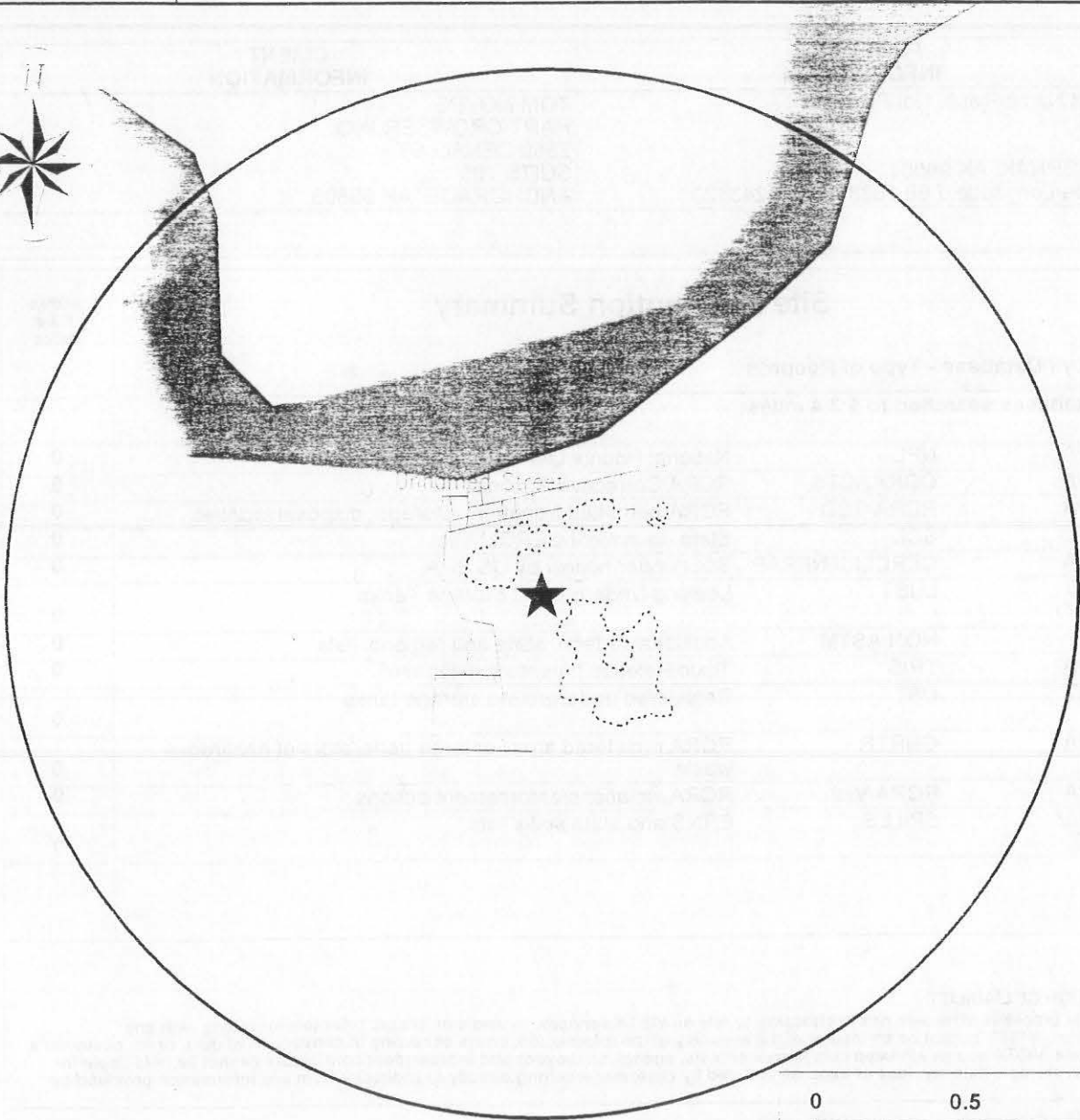
Site Distribution Summary	<i>within 1 3/4 miles</i>
Agency / Database - Type of Records	
A) Databases searched to 1 3/4 miles:	
US EPA NPL National Priority List	0
US EPA CORRACTS RCRA Corrective Actions	0
US EPA RCRA-TSD RCRA permitted treatment, storage, disposal facilities	0
STATE SCL State equivalent CERCLIS list	0
US EPA CERCLIS/ NFRAP Sites under review by US EPA	0
STATE/ REG/CO LUST Leaking Underground Storage Tanks	0
STATE NON ASTM Additional federal, state and regional lists	0
US EPA TRIS Toxic Release Inventory database	0
STATE/ CO UST Registered underground storage tanks	0
US EPA GNRTR RCRA registered small or large generators of hazardous waste	0
US EPA RCRA Viol RCRA violations/enforcement actions	0
US EPA/ STATE SPILLS ERNS and state spills lists	0
 LIMITATION OF LIABILITY Customer proceeds at its own risk in choosing to rely on VISTA services, in whole or in part, prior to proceeding with any transaction. VISTA cannot be an insurer of the accuracy of the information, errors occurring in conversion of data, or for customer's use of data. VISTA and its affiliated companies, officers, agents, employees and independent contractors cannot be held liable for accuracy, storage, delivery, loss or expense suffered by customer resulting directly or indirectly from any information provided by VISTA.	
NOTES 	





SITE ASSESSMENT REPORT CUSTOM


Map of Sites within 1 3/4 miles






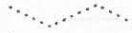

Subject Site



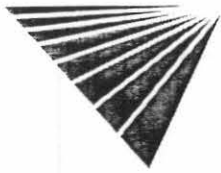
Category: A

Single Sites 

Multiple Sites 

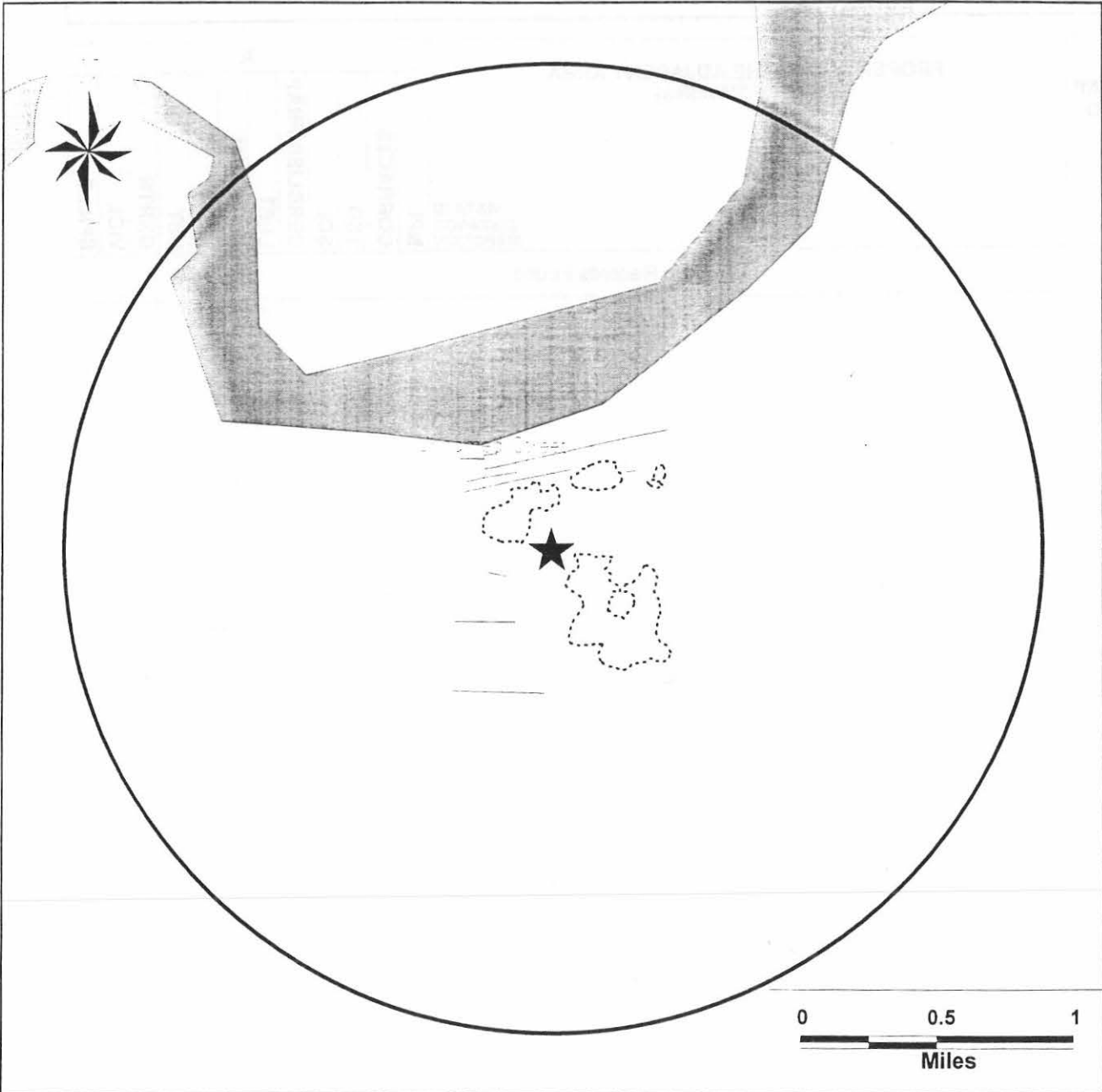
-  Highways and Major Roads
-  Roads
-  Railroads
-  Rivers or Water Bodies
-  Utilities

Categories correspond to database searches described in the Site Distribution Summary, beginning on Page #1.



SITE ASSESSMENT REPORT CUSTOM

Street Map



Subject Site

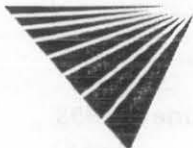


Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities

SITE ASSESSMENT REPORT CUSTOM

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1 3/4 miles)	A													
		VISTA ID	DISTANCE	DIRECTION	NPL	CORRACTS	TSD	SCL	CERCLIS/NFRAP	LUST	NON ASTM	TRIS	UST	GNRTR	VIOL
No Records Found															



An 'X' meets search criteria; a dot exceeds search criteria.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 211944-006

Date of Report: June 9, 1998

Version 2.6

Page #4

UNMAPPED SITES

A

VISTA ID

NPL

CORRACTS

TSD

SCL

CERCLIS/FRAP

LUST

NON ASTM

TRIS

UST

GNRTR

VIOL

SPILLS

No Records Found



An 'X' meets search criteria; a dot exceeds search criteria.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 211944-006

Date of Report: June 9, 1998

Version 2.6

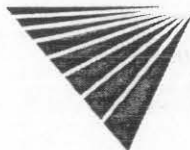
Page #5

SITE ASSESSMENT REPORT CUSTOM

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1 3/4 miles)

No Records Found



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 211944-006

Date of Report: June 9, 1998

Version 2.6

Page #6

UNMAPPED SITES

No Records Found

DESCRIPTION OF DATABASES SEARCHED

ALL DATABASES SEARCHED TO 13M 5/1/98

<p>VISTA contains a license search by county or city within 1/2 mile of your address. The agency release code for HPL was 1998.</p> <p>The National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety. NHTSA's National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety. NHTSA's National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety.</p>	<p>HPL 1998-1998</p>
<p>VISTA contains a license search by county or city within 1/2 mile of your address. The agency release code for HPL was 1998.</p> <p>The National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety. NHTSA's National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety.</p>	<p>HPL 1998-1998</p>
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<p>VISTA contains a license search by county or city within 1/2 mile of your address. The agency release code for HPL was 1998.</p> <p>The National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety. NHTSA's National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety.</p>	<p>HPL 1998-1998</p>
<p>VISTA contains a license search by county or city within 1/2 mile of your address. The agency release code for HPL was 1998.</p> <p>The National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety. NHTSA's National Highway Traffic Safety Administration (NHTSA) is the EPA's primary source of information regarding motor vehicle safety.</p>	<p>HPL 1998-1998</p>



SITE ASSESSMENT REPORT CUSTOM

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 3/4 MILES

NPL
SRC#: 4726

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for NPL was May, 1998.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

CERCLIS
SRC#: 4465

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for CERCLIS was February, 1998.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.

NFRAP
SRC#: 4466

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for CERCLIS-NFRAP was February, 1998.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SCL
SRC#: 4463

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for Contaminated Sites Database was January, 1998.

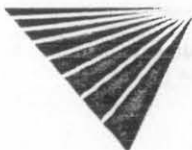
This database is provided by the Department of Environmental Conservation. The agency may be contacted at: 907-269-7547.

The Alaska Contaminated Sites Database includes State Priority Sites. Some of these sites are Leaking Underground Storage Tank Sites or Hazardous Materials Spills sites. Facilities on this report may also appear on the leaking underground storage tank report or the spills report. Any details pertaining to LUST status will appear on the Leaking Underground Storage Tank report.

CORRACTS
SRC#: 4467

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.



ERNS
SRC#: 4583

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for was January, 1998.

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through January 1998 revealed information regarding reported spills of oil or hazardous substances in the stated area.

RCRA-TSD
SRC#: 4467

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

RCRA-LgGen
SRC#: 4467

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen
SRC#: 4467

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

RCRA-Viols/Enf

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1998.

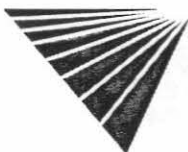
The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.

SPILL
SRC#: 4463

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for Contaminated Sites Database was January, 1998.

This database is provided by the Department of Environmental Conservation. The agency may be contacted at: 907-269-7547.

The Alaska Contaminated Sites Database includes Hazardous Materials Spills sites. All facilities on this list also appear on the State Priority Sites report. Details on this report pertain only to the spill reported.



LUST
SRC#: 4731

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for Leaking Underground Storage Tanks List was May, 1998.

This database is provided by the Department of Environmental Conservation. The agency may be contacted at: 907-269-7547.

The Alaska Contaminated Sites Database includes Leaking Underground Storage Tank sites. All facilities on this list also appear on the State Priority Sites report. A short detailed description is available and may be obtained by calling (800)877-3824.

UST's
SRC#: 4462

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for Underground Storage Tank Sites was December, 1997.

This database is provided by the Department of Environmental Conservation. The agency may be contacted at: 907-269-7537; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

TRIS
SRC#: 3716

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for TRIS was December, 1996.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities(Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.

Finds
SRC#: 4168

VISTA conducts a database search to identify all sites within 1.75 mile of your property.
The agency release date for FINDS was September, 1997.

The Facility Index System (FINDS) is a compilation of any property or site which the EPA has investigated, reviewed or been made aware of in connection with its various regulatory programs. Each record indicates the EPA Program Office that may have files on the site or facility.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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