March 27, 2001

Mr. Everets
P.O. Box 60908
Fairbanks, AK 99706

PHASE I ENVIRONMENTAL SITE ASSESSMENT
FAIRBANKS INTERNATIONAL AIR PORT
OLD MARK AIR HANGAR
FAIRBANKS, ALASKA

Dear Mr. Everets

I am pleased to provide the results of the Phase I Environmental Site Assessment of the Old Mark Air facility located in Fairbanks, Alaska. The assessment was authorized on February 25, 2001, and performed in general accordance with the scope of services outlined at this time.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property management, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

I appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if I can assist you in any other matter, please contact Jodi Smith at (907) 458-8559.

Very truly yours,

Jodi Smith

Jodi Smith
Environmental Scientist

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SUMMARY MATRIX

A. **PROTOCOL** Loan Number: _____

Property Name: Former Mark Air Facility, Fairbanks International Airport, Fairbanks, Alaska.

Phase I: Yes Date of Report: March 27, 2001

Additional Site Assessment: Asbestos and lead based paint assessment recommended. Soil sampling around leach field.

B. ASBESTOS CONTAINING MATERIALS (ACM)

The property was not inspected for asbestos during this investigation.

C. UNDERGROUND STORAGE TANKS (USTS)

Type	#Sites/Tanks	Radius Searched	Issues Raised
LUST Site	1 Tank	1/8 -1/4 Mile	Open, cross-gradient of subject property.
LUST Site	1 Tanks	1/4 -1/2 Mile	Open, cross-gradient of subject property.
UST Site	1 Tanks	1/4 -1/2 Mile	Open, cross-gradient of subject property.
LUST Site	1 Tank	1/4 -1/2 Mile	Closed, cross-gradient to subject property.
LUST Site	3 Tank	1/4 -1/2 Mile	Open, cross-gradient to subject property.
LUST Site	1 Tank	1/4 -1/2 Mile	Open, cross-gradient to subject property.
LUST Site	1 Tank	1/4 -1/2 Mile	Open, cross-gradient to subject property.

Comments: One LUST on Williams Alaska Petroleum, Inc. opened, located cross-gradient from the subject property, tank removed from the ground. One LUST on Chandalar Lake Airport property, located cross-gradient but the tank has been removed from the ground. One LUST located on Crowely Maritime Corp. property open. One LUST located on Airport Post Office Garage property, closed. One LUST located on Everets Air Fuel property, and is considered open. One LUST located on Union Products-Airport Storage property located cross-gradient and open. One LUST on Avis Rent A Car property which is cross-gradient from the subject property and considered open.

D. State Hazardous Waste Sites (SHWS)

Site	Contaminants	Radius Searched	Issues Raised
Aircraft Shop Building at Airport, 6262 Old Airport Way	unknown	1/2- 1 Mile	Cross–gradient

Comments: One SHWS on the Aircraft Shop Building property at 6262 Old Airport Way. The contaminant is unknown and located cross-gradient to the subject property. This site is closed and the tank removed.

E. PCB's

Are there transformers on site? Yes If yes, how many? At least six

PCB-Containing? Possibly
Leaked or leaking? no
Has utility accepted Responsibility? N/A

Comments: Three dry, floor mounted transformers were identified with-in the main building. These transformers do not contain PCB's. One small Westinghouse type EDT design 6E4397 three phase floor mounted transformer was identified at the site which is located in the boiler room. This transformer was not in use and no staining was detected. This inspector was unable to gain access to two covered, and locked, single or multiple grouped transformers located on the grounds. Florescent light ballast's were observed throughout the buildings but PCB disclaimers could be found on ballast's with the exception of the ballast's located on the third floor of the main building, which has been walled off. These ballast's would be considered to be PCB containing.

F. OTHER RISKS

Risk	Previous Assessments	Issue Raised
Historic Use of the Subject Property	EMI., Phase I Site Assessment Mark Air Fairbanks Facilities. August 1992.	Soil and Ground Contamination.
	EMI., Phase 2 Site Assessment Mark Air Fairbanks Facilities Vols. 1 and 2, February 1993.	
	EMI., Mark Air Monitoring Well Report, June 1993.	
	EMI., 2nd Water Sampling Report, Mark Air Facility, September 1993.	
	EMI., 3rd Water Sampling Report, Mark Air Facility, Markh 1994.	
	EMI., 4th Water Sampling Report, Mark Air Facility, Markh 1994.	
	EMI., 5th Water Sampling Report, Mark Air Facility, August 1994.	
	AEE., Contaminated Soil Excavation and Screening around an 5,000-gallon heating oil tank. July 1997.	
	AEE., Ground Water Monitoring and Sampling at Mark Air Facilities. September 1997.	

Comments: The site was previously owned by Mark Air and has been identified to have been used as an air cargo facility since between 1970 and 1974. The property has historically been used, as an airline cargo service. Potential impact to soil and ground water is a concern. Area of concern: soil and ground water around leach field on Subject Property.

EXECUTIVE SUMMARY

At the request of Mr. Everets, a Phase I Environmental Site Assessment was conducted of the site located in Fairbanks, Alaska. The work conducted for this Environmental Site Assessment consisted of an inspection to observe surficial environmental conditions, a review of federal, state, and municipal records, and interviews with appropriate personnel regarding the site in accordance with ASTM Standard E 1527-97, "Standard Practice for Environmental Site Assessments".

The Subject Property consist of two buildings located on 19.72 Acres. The first building is considered the cargo building consisting of, cargo bay, offices, kitchen, and freezer lockers. This structure is a two-story 8,000 square foot building with gravel and paved areas used for vehicle and airplane parking. The building exterior is sheet metal and wood, the interior is dry wall construction over steel framing and the roof is flat, constructed of foam insulation and outer coating; all of which is on a concrete slab foundation. The original structure was constructed in 1969, prior to which the property was undeveloped.

The second building is a 56,932 square foot, 3 story building with gravel and paved parking areas. This building consists of a large bay, kitchen, and offices. The building exterior is sheet metal and wood siding. The roof is flat, constructed of foam insulation and outer coating. All of this is on a concrete slab. The original structure was begun in 1974.

The sites are located within a commercial area located on Airport Industrial Way. The site is located south of Industrial Road on the north side of the main runway at Fairbanks International Airport. It is legally known as Fairbanks International Airport Lease tract 1, block 1, lot 106; Section 23, T1S, R1W, Fairbanks Meridian, Alaska. This property is bordered to the north by Northern Air Cargo's facility. Two airport hangars bound the Subject Property to the south, beyond which are additional commercial lots. The site is bound on the west by Industrial Road and a tank farm. The Subject Property is bound on the east by the main runway.

A Leaking Underground Storage tank was identified within 1/4 mile to the southwest, six Leaking Underground Storage Tanks (LUSTs) sites were identified on property north and cross gradient to the subject property. In addition, the Subject Property houses two Under Ground Storage Tank's (UST) containing heating oil and one UST used for aviation gasoline and diesel fuel. Because of their proximity to the Subject Property, these sites are considered to be Recognized Environmental Conditions (RECs). Net groundwater flow beneath the site is inferred to be in a northwesterly direction. Based on this expectation, all the above listed LUSTS would be located cross-gradient to the Subject Property. The inferred net groundwater flow direction is based on surface topography of the surrounding area as determined from the USGS Fairbanks (D-2) SW Alaska topographic map. A LUST was previously located on the Subject Property but was excavated and determined to be closed. This LUST was not listed in the ADEC database files but reports were filed with the DEC on the subject. See Appendix F.

One State Hazardous Waste Site is located within a 1-mile radius of the site and therefore is considered to be a Recognized Environmental Condition. State Hazardous Waste Sites are priority sites which the state plans to clean up using state funds and which are be listed on the federal

CERCLIS list. This site is the Aircraft Shop Building on 6262 Old Airport Industrial Way. This sight has been closed after the removal of a 10,000-gal tank.

Two RCRIS Small Quantity Generators (SQG's) are located with in ½ mile of the Subject Property. These SQG's have no violations against them.

According to the EPA Policy toward owners of property containing contaminated aquifers, dated July 3, 1995, the EPA will not take enforcement action against a property owner who owns property under which is an aquifer contaminated by subsurface migration from an off-site source or sources. Therefore, the Subject Property owner would not be liable for any contamination of the underlying aquifer that was attributed to an off-site source.

A Phase I ESA was performed in conformance with the scope and limitations of ASTM Practice E 1527-97, of the properties located on Airport Industrial way and known as the Former Mark Air Cargo Building in Fairbanks, Alaska. Any exceptions to, or deletions from this practice are described in Sections 1.3 and 1.4 of this report. This assessment has revealed the following evidence of Recognized Environmental Conditions in connection with the property:

- One, 1000-gallon gasoline Underground Storage Tank is present within 1/8 of a mile from the Subject Property. Two heating oil UST's, registered with the State database, and one, 4,000-gallon, internally divided, UST which held gasoline and diesel located on the subject property.

- Seven LUST sites were identified within 1/2 mile of the Subject Property. One Lust site was located on the Subject Property but not listed in the ADEC database. The file on six of these sites is open.

- One State Hazardous Waste Site (SHWS) is located within a one-mile radius of the site.

- Two RCRIS Small Quantity Generators were found within ½ mile of the Subject Property.

- Previous ground water monitoring showing low levels of contaminant throughout the property.

I would recommend the following:

- Asbestos and lead based paint sampling.
- Soil sampling of the leach field.

1.0 INTRODUCTION

At the request of Mr. Everets, a Phase I Environmental Site Assessment was conducted at the Fairbanks International Airport site, located on Airport Industrial Way, Fairbanks, Alaska (Subject Property). This report presents the results of the Phase I Environmental Site Assessment (ESA) performed in April 2001. This work was performed in accordance with ASTM Standards and approved by Mr. Everets. This report was written by Jodi L. Smith, an Environmental Scientist.

1.1 Purpose

The purpose of this assessment was to identify Recognized Environmental Conditions (REC), such as soil staining, chemical storage areas, and underground storage tanks. A REC includes any item that indicates an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products under conditions in compliance with existing laws. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This assessment involved an inspection of the site, research at the borough and municipal offices, and regulatory records research of local, state, and federal environmental regulatory agency databases.

1.2 Non-ASTM Scope Items

A limited and cursory attempt was made to obtain historical information on common building practices during the time period in which improvements were made at the site. This was done to determine if asbestos containing materials and lead-based paint were likely to have been used during construction. Information on regional radon zones was also obtained. A review of records relating to wetland status and flood zones was also conducted. If no information was available, a record of the inquiry was made. No site investigations were conducted for any of these potential issues other than observations made coincidentally during the Phase I site visit.

1.3 Limitations and Exceptions of the Assessment

On the day of the site inspection, the inspector was not able to access two sets of covered and locked transformers located on the Subject Property. She was unable to inspect the grounds for staining or hazardous materials because it was covered in snow. The inspector was also unable to access the catchment tank fed by the floor drains in the main bay.

1.4 Statement Of Limitations

This Phase I Environmental Site Assessment was performed in accordance with the proposal, approved by Mr. Everets. This assessment meets the requirements of ASTM Standard E 1527-97 and has been prepared to aid Mr Everets in identifying and addressing environmental site conditions on the Subject Property.

During this Phase I investigation, database information, interviews with the property owners and managers, regulatory officials, and other private individuals was relied on. The inspector has assumed that it was reasonable to do so, that the information provided is true and accurate. If information to the contrary is discovered, our conclusions and recommendations may not be valid.

Environmental agency database information from Environmental Data Resources, Inc. (EDR) of Southport, Connecticut was obtained. The databases usually present the location of the entities by street address. In many cases this is the only reasonable means by which we may locate a database entry; the actual proximity of an entry to the Subject Property may not be accurately indicated by the street address given. Due to poor or inadequate address information contained in the databases used, some sites could not be mapped or otherwise located.

Certain environmental hazards are impossible to visually identify and testing and analysis can only verify their presence. No sampling was performed during this site assessment. In addition, no direct inferences as to the subsurface conditions at the site based on the Phase I scope of work can be made, which does not include a detailed investigation of the subsurface. No detailed wetlands delineation, endangered species, or fault investigations were performed during this site assessment.

The conclusions and recommendations in this report describe only the conditions present at the time of our assessment. in areas that were observed. The scope of this report is limited to matters expressly covered.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description of the Site

Site Location:	***Former Mark Air Hangar and Cargo Building*** Airport Industrial Way Fairbanks, Alaska
Legal Description:	Lot 1, Block 6 *Fairbanks International Airport Lease Tract 1,* *Block 1, Lot 106, Section 23, T1S, R1W* *Fairbanks Meridian, Alaska*
Borough:	North Star Borough
U.S.G.S Quadrangle:	Fairbanks (D2) SW, Alaska 1:25,000 Quadrangle
Latitude, Longitude:	*64.810740 / 147.874970* (approximate)
UTM Coordinates:	Zone 6 UTM X (Meters) 458,446.9.6 (approximate) UTM Y (Meters) 7,187,455.5 (approximate)

Refer to Figure 1, Site Loci

2.2 Site and Vicinity Characteristics

The site is located within a commercial area located on Airport Industrial Way. The site is located south of Industrial Road on the north side of the main runway at Fairbanks International Airport. It is legally known as Fairbanks International Airport Lease tract 1, block 1, lot 106, Section 23, T1S, RIW, Fairbanks Meridian, Alaska. This property is bordered to the north by Northern Air Cargo's facility. Two-airport hangars property bound the Subject Property to the south, beyond, which are additional commercial lots. The site is bound on the west by Industrial Road and Williams Alaska Petroleum Inc. The Subject Property is bound on the east by the main runway. The Subject Property consists of 19.72 acres boarding the Fairbanks International Airport main runway.

2.3 Description of Site Improvements

The Subject Property consist of two buildings located on 19.72 Acres. The first building is considered the cargo building consisting of a cargo bay, offices, a kitchen, and freezer lockers. This structure is a two-story 8,000, square foot building with gravel and paved areas used for vehicle and airplane parking. The building exterior is sheet metal and wood, the interior is dry wall construction over steel framing, and the roof is flat constructed of foam insulation and outer coating, all of which is on a concrete slab foundation. Construction of the original structure was begun in 1969, prior to which the property was undeveloped.

The second building is a 56,932 square foot, three story building with gravel and paved parking areas. This building consists of a large bay, a kitchen, and offices. The building exterior is sheet metal and wood siding. The roof is flat constructed of foam insulation and outer coating, all of which is on a concrete slab. The original structure was built in 1974. Both buildings are connected to heating oil UST's in addition a single divided 4,000-gallon UST is located to the southeast of the main building. The site is generally level. The property sits at an elevation of approximately 430 feet above Mean Sea Level. Ground water in the area is 7 – 10 feet below the surface, with a general down gradient flow to the north-northwest. Two Class C wells are located on the property. One of these wells is used to service the bathrooms and kitchens of the cargo building and neither are considered potable. Presently, a leach field and septic tank comprise the sewer system.

2.4 Current Uses of the Property

Currently the property is not in use.

2.5 Past Uses of the Property

The original air cargo building construction begun in 1969 with an addition of a Hangar in 1973, prior to which the property was undeveloped. The larger Hangar facility and offices were begun in 1974 and completed in 1975. Aerial photographs taken in 1949 show the property as being cleared. A 1966 aerial photo shows development on properties in the area. A 1974 aerial photo shows the cargo building present and much as it appears today. Since that time, the properties have been primarily used as flight services and air cargo facilities. During the period of time that Mark Air owned the property, a portion of the main Hangar facility was used as an automobile shop and garage. The present owner is AIDEA Mark Air. Previous owners included Mark Air, who owned the property from 1992 to 1999. Alaska International Air Incorporated owned the property from 1975 to 1992, and Interior Airways owned the property from 1970 to 1975. AIDEA leased the property to various renters including Lynden Air Cargo.

2.6 Site Geology, Hydrology, and Topography

Geology

The soil group which underlies this site is river deposited alluvial plain soils of glacial origin, with some originating from loess and underlying bedrock of adjacent uplands. The well-drained Salchaket soils border the principal rivers in the area and are the most extensive soils of the alluvial plains. The site sits on both Salchaket very fine sandy loam and Tanana silt loam soil. The Salchaket soils contain stratified sandy and silty soil over a substratum of water-laid gravel. Tanana soils consist of imperfectly drained soils dominated by silt but may contain lenses of sand at various depths.

Hydrology

According to the Fairbanks, Alaska Quadrangle map, the site is located approximately I mile north of the Tanana River and 1 mile south of the Chena River. Based on interpretation of a USGS report (1995), groundwater flow direction is inferred to be to the north-northwest, towards the confluence of the Tanana and Chena Rivers. Depth to groundwater varies from six to ten feet below grade. Two discharge peaks characterize the Chena River: spring snowmelt runoff and late summer precipitation. The Tanana River is characterized by a strong midsummer flow caused by glacier melting in the Alaska Range. It is thought that the Tanana and the Chena Rivers, which at times of high water could result in a change of the groundwater flow, influence the groundwater flow at the site.

Flood Insurance and Sanborn Directories were not available through EDR for this portion of Fairbanks. However the United States Army Corps of Engineers (USACE) has built a flood control structure along the bank of the Tanana River. During high flood periods, water is impounded behind the levy minimizing flooding. No wetlands were evident on lots 6 due to the presence of fill material. Wetland delineation was not performed.

Topography

The United States Geological Survey (USGS) Fairbanks Quadrangle, (D-2) SW, provides topographic map coverage of the site. As suggested by the topographic map and confirmed in the field, topography in the vicinity of the site is generally level. Based upon the topographic map of the Fairbanks North Star Quadrangle, the site elevation is approximately 430 feet above mean sea level.

3.0 SITE HISTORY

3.1 City Directory Review

An attempt to review historic Sanborn Directories for the Subject Property and surrounding sites at the Fairbanks Public Library and through an EDR database search was conducted. None were located.

3.2 Sanborn Fire Insurance Maps

An attempt to review historic Sanborn Directories for the Subject Property and surrounding sites at the Fairbanks Library and through an EDR database search was conducted. None were found

3.3 Historical Aerial Photograph Review

Aerial photographs of the site and the surrounding vicinity were reviewed at the UAF Geophysical Institute. Aerial photographs for the years 1949, 1966, 1974 and 1999 were reviewed and are summarized below:

The 1949 aerial photograph depicts the Subject Property as undeveloped yet cleared. Surrounding property shows some clearing but is not developed.

The 1966 aerial photograph depicts development on the property in the area.

The 1974 aerial photograph depicts the cargo building as being present, much as it appears today.

The1999 aerial photograph shows the property as it appears today.

3.4 Interviews

Kristin Dubois, Environmental Analyst with ADOT &PF at the Fairbanks International Airport, was interviewed regarding her knowledge of the property. Ms. Dubois stated that she thought the leach field was located to the northwest of the Hangar facility. She was aware of two heating oil tanks located on the property. Mr. Gary Kersey, Mark Air Maintenance Mechanic, was also interviewed. Mr. Kersey stated that the main Hangar previously had its floor drains hooked up to a tank, which fed into the present leach field. The floor drain sump was disconnected in 1991 or 1990 and the tank removed. He also said the offices on the ground floor of the main Hangar facility were previously garage shops where vehicles were worked on.

3.5 Past Use of Adjoining Properties

Based on the aerial photographs and city directories reviewed, the properties surrounding the Subject Property appear to have been utilized for commercial purposes

before 1974. These commercial properties consisted of flight companies, cargo facilities and a tank farm. Based on the commercial nature of the historical uses of the adjoining properties, and the lack of hits on the state databases, these properties are not consider a Recognized Environmental Concern.

4.0 RECORDS REVIEW

Environmental Data Resources Inc. (EDR) performed an environmental database review of the Subject Property and the surrounding area. EDR conducted a search of federal and state databases which included records of hazardous waste permits and activities, compliance histories and reported on-site and area contamination. In addition to the database information, a review of Borough and City records was performed. Information presented in this section has been evaluated based on the understanding of the site geology and hydrogeology as discussed in Section 2.6 of this report. The information obtained during the records review is presented in the following sections. A copy of the EDR report is included as Appendix B.

4.1 Federal and State Database Review

Federal, state, and local database list's of known or potential hazardous waste sites or landfills and sites currently under investigation for environmental violations within the prescribed search radii (see Appendix D) were searched.

USEPA: National Priority List (NPL)

The site is not listed on the USEPA NPL as a disposal site. No NPL sites were identified within one-mile of the subject site.

USEPA: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The site does not appear on the USEPA CERCLIS list as a disposal site.

USEPA: Resource Conservation and Recovery Information System (RCRIS): Large Quantity Generator/Small Quantity Generator (LQG/SQG)

According to the EDR report, the Subject Property is not listed as a RCRIS small quantity generator. There are two SQG's within 1/2 Mile and cross gradient to the Subject Property. The listed sites are MI Drilling Fluids Co., with no violations found, and Williams Alaska Petroleum, Inc., with no violations found.

USEPA: Emergency Response Notification System (ERNS)

The subject site was not listed as having an ERNS incident, which includes reported releases of oil and hazardous substances.

ADEC: List of State Hazardous Waste Sites (SHWS)

The site is not listed as a SHWS. There is one property located within one mile of the site which appear as a SHWS.

STATE: State Hazardous Materials Spills List (Spills)

According to the information obtained from EDR, and the ADEC, no spill incidents have been reported on the Subject Property.

STATE: Solid Waste Landfill (SWL)

The site is not listed as a SWL and no SWLs were identified within one-half mile of the site.

STATE: Registered Underground Storage Tanks (UST)

The Subject Property is listed as an UST site. With two heating oil UST's: one with a 2, 000-gallon and the other with a 5,000-gallon capacity. One 4,000-gallon split tank UST was located behind the Hangar facility..

STATE: Leaking Underground Storage Tanks (LUST)

According to EDR and the ADEC database, seven LUST sites are located within a one-half mile radius of the Subject Property. One LUST site is located on Williams Alaska Petroleum, Inc. property. This site is opened and located cross-gradient from the Subject Property where a tank was removed. One LUST is located on Chandalar Lake Airport property, located cross-gradient to the Subject Property and the tank has been removed. One LUST is located on Crowely Maritime Corp. property and considered open. One LUST is located on Airport Post Office Garage property and considered closed. One is located on Everets Air Fuel property, and is considered open. One LUST is located on Union Products-Airport Storage property located cross-gradient to the Subject Property and open. One LUST is located on Avis Rent A Car property, which is cross-gradient from the subject property and considered open.

According to the EDR report and the ADEC database, these sites are listed as Leaking Underground Storage Tank facilities and based on the facilities proximity to the site, they are considered REC's.

STATE: Groundwater Quality Studies

There is no reported Public Water Supply located within 1 mile of the site.

4.2 Additional Records Reviewed

This property has Recognized Environmental Conditions present on it. These have been documented through soil and groundwater sampling. Various site assessments and sampling events at the property and in the surrounding area have been submitted to ADEC. A total of 17 tanks have been removed from the ground at the Mark Air facilities and the Weaver Brothers Building across Industrial Road. The contents included aviation gasoline, diesel and heating oil, waste oil, and motor gasoline. They

were removed because of failure of some of the tanks to pass a tightness test in 1991, existence of known contamination in the area, and the fact that 15 of the tanks were fourteen years or older. Several thousands yards of contaminated soil were stockpiled and removed. Five monitoring wells were installed in June 1993. The wells were sampled five times until August 1994 and showed detectable levels of hydrocarbon and chlorinated solvent contamination.

4.3 Municipal Research

Property Assessment Reports for the properties was reviewed.

An inquiry was sent to the local fire department regarding any files, which may exist for the Subject Property. A response was given that there were no spills recorded on the subject property.

An inquire with the USACE as to the wetland status of the Subject Property was conducted. There are no reported wetlands located on the subject property. (Appendix C)

4.4 Applicability of Property Transfer Laws

The State of Alaska Environmental Legislation does not contain a property transfer law triggered by the transaction, sale, or closure of commercial property.

5.0 SITE RECONNAISSANCE AND INTERVIEWS

A site inspection was performed on February 25, 2001,by Jodi Smith, an Environmental Scientist. This visit consisted of the observation and documentation of existing site conditions and of adjacent site development. Copies of photographs taken during the site reconnaissance are presented at the end of this report.

5.1 Building Interior

Building interiors consisted of offices, kitchens, bathrooms, cargo bays, and hangar and mechanical rooms. The cargo building consists of a two floor, split level structure with arctic entrance, overhead storage, kitchen, bathroom and boiler room. The kitchen has missing ceiling tiles and wood flooring. The overhead bathroom consists of a sink, shower, toilet, and water heater. Plaster walls and unfinished ceiling's are evident. The boiler room has a Well Mc-Lain system with secondary containment and some staining. Ground floor office space contains plaster walls with 4X 2 ceiling tiles, florescent lighting, rubberized flooring, and carpet. The base-board heating system needs repairs.

The cargo bay contains concrete floors with minimal cracking and staining. Two 8 " floor drains are located in the bay. The walls consist of dry wall. Blowers are located on the ceiling and two cold storage rooms are located to the rear of the bay. A fire alarm system is visible along with loading dock and electric bay doors.

The main Hangar facility and offices have a glass and wood paneled entryway with carpeting and base-board heating. This structure has three floors and two, split level rooms off of either end which house the HAVAC system. The ground floors contain unfinished offices with storage closets, a mechanical room housing floodlights and an air handling system.The office floors are made of concrete and the ceilings are unfinished with fiberglass insulation. A sprinkler system, bathrooms, and communication room are also located here. Some glycol staining is evident in two of the offices resulting from a leak in a bleeder valve originating from the third floor HAVAC system. The second floor offices have 2' by 2' ceiling tiles, wood paneling, and dry wall. The floor is carpeted and in some places covers older tiles. A kitchen and sink are also located in this area. Some of the offices show signs of staining and damage from glycol. The HAVAC system is accessible via a ladder and trap door from this area. The HAVAC system has secondary containment but there is obvious signs of corrosion, and floor staining. Stairwells contain an assortment of hazardous materials. The second floor also contain janitor's closets with water heaters

The hangar has electric sliding doors and an air exchange system, French Drains and a sump. The floor is concrete and the walls are constructed of drywall. A boiler room is located off of the Hangar, which has concrete flooring, showing evidence of cracking. The boiler system is made of two boilers fueled by a 150-gallon above-ground diesel tank with secondary containment and 4 to 5 inches of diesel fuel pounded in the containment. There is a drain in the floor and a floor mounted transformer which does not appear to be hooked up. Additionally, a paint booth, sheet metal shop, offices, paint room, and mechanical room

are located off of the Hangar. A 500-gallon tank is located in the hangar on a split-level.

Stairwells leading out of the hangar and up to second floor offices have 1 x 1' floor tiles. The second floor offices on the south side of the Hangar contain 1' x1' ceiling tiles in addition damaged floor and ceiling tiles were in evidence. The third floor is walled off with the exception of an entrance via ladder and trap door. This area presents abandoned offices with no ceiling tiles, wallpaper, dry wall, and carpet.

Three dry floor mounted transformers were identified within the main building. These transformers do not contain PCB's. One small Westinghouse type EDT design 6E4397, three phase floor mounted transformer was identified at the site which was located in the boiler room. This transformer was not in use and no staining was detected. Florescent light ballasts were observed throughout the buildings but PCB disclaimers could be found on them with the exception of the ballast's located on the third floor of the main building; which has been walled off. These ballasts would be considered to be PCB containing.

5.2 Building Exterior and Land Areas

The former Mark Air facility consisted of two buildings with associated parking areas. The building's exteriors are constructed of corrugated steel and wood walls with foam insulated roofing. Two covered and locked, single or multiple grouped transformers were located on the grounds but the inspector was not able to gain access. It was impossible to assess the property for storm drains or staining due to the snow coverage at the time of the visit. Parking areas are constructed of gravel fill and pavement surround the buildings. Airplane parking and runways are located to the southeast of the buildings.

A well head is located off the southeast corner of the air cargo building. The main Hangar facility has a well located off the northeast section of the facility. A chain linked fence and locking gate surrounds the property. A series of monitoring wells is evident on the property.

5.3 Hazardous Substance Storage

The boiler room in the air cargo building contained a 5-gallon pail of Roberts grease. The main Hangar facility contained an assortment of materials, both hazardous and non-hazardous, located in a stairwell. These consisted of one, 5-gallon bucked of latex paint, three 1-gallon cans of flammable stripper, one 5-gallon bucket open with oily residue and unmarked, used filters, a 1-gallon jug of paint thinner, and ballasts which had PCB disclaimer stickers on them.

5.4 Underground and/or Aboveground Storage Tanks

A 500-gallon unmarked AST is located along the northeast corner of the air cargo building, and flagging for the 2,000-gallon heating oil UST is located off of the southwest corner of this building.

The main Hangar facility has a 500-gallon diesel AST with no containment located indoors.

In addition, a 4,000-gallon UST is located to the northeast of the building which is divided and can hold two different fuels. The southwest end of the building has a 500-gallon waste oil AST with no secondary containment. The south corner of the building has a 500-gallon diesel AST. The west side of the main hangar has a 1,000-gallon AST which previous reports stated contained solvent. In addition, a 5,000-gallon heating oil UST is located in this vicinity; along with a large propane tank, leach-field and septic tank.

5.5 Indications of Polychlorinated Biphenyls

Three dry, floor mounted transformers were identified within the main building. These transformers do not contain PCB's. One small Westinghouse type EDT design 6E4397, three phase, floor mounted transformer was identified at the site located in the boiler room. This transformer was not in use and no staining was detected. It is not certain whether this transformer contains PCB's. This inspector was unable to gain access to two covered and locked single or multiple grouped transformers located, on the grounds.

Florescent light ballasts were observed throughout the buildings but PCB disclaimers could be found on many of the ballast's with the exception of the ballast's located on the third floor of the main building, which has been walled off. These ballasts would be considered to be PCB containing. Light ballasts manufactured prior to 1979 may contain small quantities of polychlorinated biphenyl (PCBs). Based on the date of the building construction, the light ballasts may contain PCB. Therefore, fluorescent light ballasts may be considered to be a concern.

5.6 Solid Waste Disposal

No solid waste or dumpster were evident on the Subject Property.

5.7 Asbestos

No asbestos survey was conducted on the building. Based on the date of construction of the buildings (1969 and 1974), asbestos-containing building material may be present.

5.8 Lead-Based Paint

No lead based paint survey was conducted on the building. Based on the date of construction of the buildings (1969 and 1974), lead based paint containing material may be present.

5.9 Drinking Water

The Subject Property is provided water by the city of Fairbanks

5.10 Radon Gas

According to the EPA Map of Radon Zones for the State of Alaska, the Subject Property is located within Zone 2, radon concentrations greater or equal to 2 picoCuries per liter. Out of the 46 sites tested in the 99709 zipcode, 87 % had concentrations of radon gas lower than the EPA action level of 4 picoCuries per liter of air in the basement. There are no residences in the buildings and there are no basements to the building. Based on limited observations of site conditions during this assessment, radon gas is not considered to be a REC.

6.0 CONCLUSION AND RECOMMENDATIONS

At the request of Mr. Everets, a Phase I Environmental Site Assessment of the Old Mark Air facility located along the Fairbanks International Airport in Fairbanks, Alaska was conducted. The work conducted by Jodi Smith for this environmental site assessment consisted of an inspection to observe surficial environmental conditions, a review of federal, state, and municipal records, and interviews with appropriate personnel regarding the site in accordance with ASTM Standard E 1527-97, "Standard Practice for Environmental Site Assessments".

A site inspection was conducted on February 25, 2001. The Subject Property consists of approximately 19.72 acres occupied by two buildings having an approximate total area of 64,932 square feet surrounded by gravel and paved parking areas and taxiways. (See Figure 2, Site Plan).

A Phase I ESA was performed in conformance with the scope and limitations of ASTM Practice E 1527-97, of the property. Any exceptions to, or deletions from, this practice are described in Sections 1.3 and 1.4 of this report. This assessment has revealed the following evidence of Recognized Environmental Conditions in connection with the property:

- One 1000-gallon gasoline Underground Storage Tank is present within 1/8 of a mile from the Subject Property. Two heating oil USTs registered with the State database and one 4,000-gallon internally divided UST, which held gasoline and diesel, are located on the Subject Property.

- Seven LUST sites were identified wit in 0.5 mile of the Subject Property. One LUST site was located on the Subject Property but not listed in the ADEC database, the file on the other six of these sites is open.

- One State Hazardous Waste Site (SHWS) was located within a one-mile radius of the site.

- Two RCRIS Small Quantity Generators were located within ½ mile of the Subject Property.

- Previous ground water monitoring showing low levels of contaminant throughout the property.

I would recommend the following:

- Asbestos and lead based paint sampling.
- Soil sampling of the leach field.

7.0 REFERENCES

Ms. Kristen Dubois (2001), environmental management, site use and leach field location.

Mr. Gary Kersey (2001), Former Mark Air Maintenance Mechanic.

Environmental Data Resources, Inc., (1999) State and Federal database search, Sanborn Map Information, February 24, 1998.

Alaska Department of Environmental Conservation, (1998) Records Review.

United States Department of Agriculture, Natural Resource Conservation Service, 1975 Soil Survey of Fairbanks, Alaska.

USGS, Fairbanks, Alaska, 7.5 series quadrangle Topographic Map.

Aerial Photographs (1949, 1966, 1974,1999), University of Alaska Geophysical Institute.

RCRIS (1998) Database.

U.S. Department of Fish and Wild Life, National Wetlands Map.

Environmental Management Incorporated, Phase I Environmental Site Assessment for former Mark Air Cargo Building, Fairbanks International Airport, June 1997.

Environmental Management Assessment, Inc., Phase 1 Site Assessment, Mark Air, Fairbanks, February 1993.

Phase 2 Site Assessment, Mark Air Fairbanks Facilities, Vols. 1 and 2, February 1993.

Mark Air Fairbanks Monitoring Well Reports June 1993-1994.

AGRA Earth and Environmental, Results of Investigation at the Former Mark Air Hangar, 1998.

AGRA Earth and Environmental, 5,000-gallon Aboveground Storage Tank Cleaning, 1997.

Dames and Moore, Final report, UST Research and Repair, 1987.

TABLES

Table 1 Overview Map Table

Map ID Number	Name	Address	Type of Site
1	MI Drilling Fluids Co.	Supply Road	RCRIS-SQG
2	Williams Alaska Petroleum, Inc.	5500 Airport Way	RCRIS-SQG, LUST
3	FAA Chandler Lake Airport	5472 Mail Trail Road	LUST
4	Crowley Maritime Corp.	Dale Road	LUST
5	Airport Post Office Garage	5400 Mail Trail Road	LUST
A6	Everets Air Fuel	Gate 5 International Airport	LUST

Table 2 List of Stored Materials

Chemical	Number of containers	Gallons
Latex Paint	1	5
Stripper	3	1
Unknown Oily Residue	1	5
Paint Thinner	1	1
Ballasts	4	
Used Filters	3	

FIGURES

SITE PHOTOGRAPHS

Photograph 1
Front View of Subject Property.

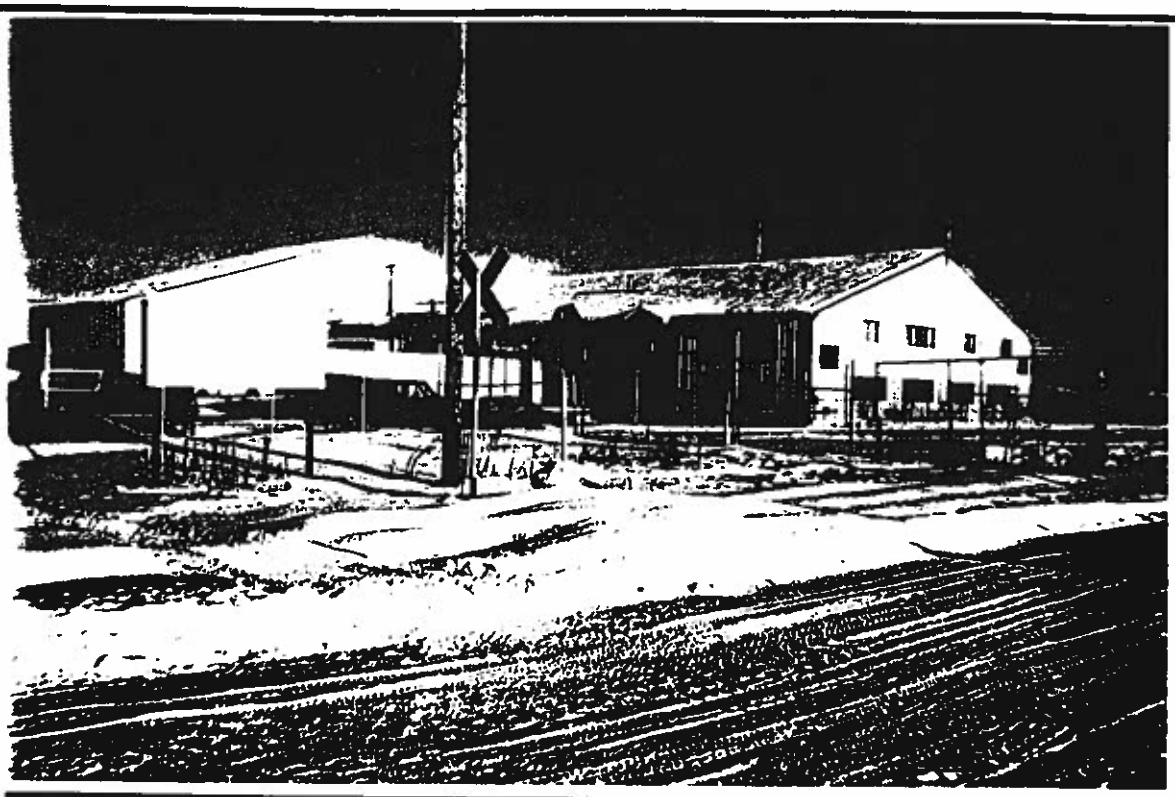
Photograph 2
East View From Subject Property.

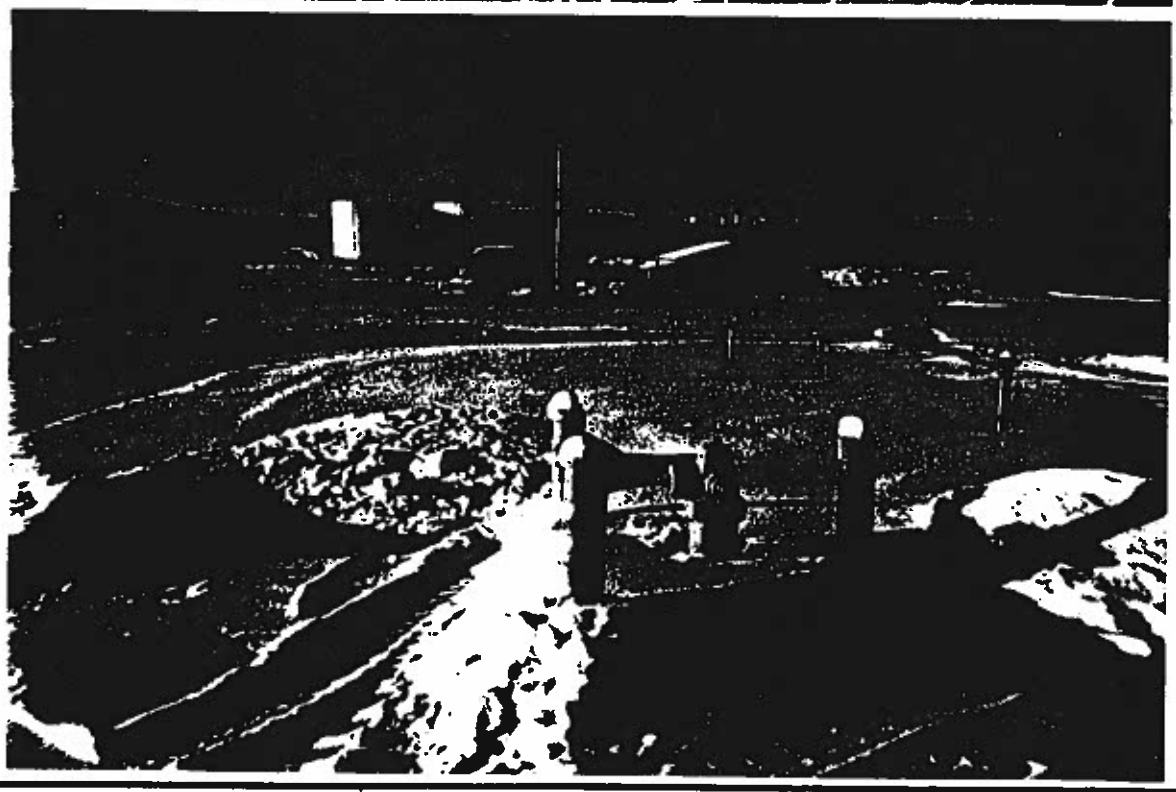
PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Old Marc Air Facility
Airport Industrial Way
Fairbanks, AK

April 2001

Photographs





Photograph 3
North View From Subject Property.

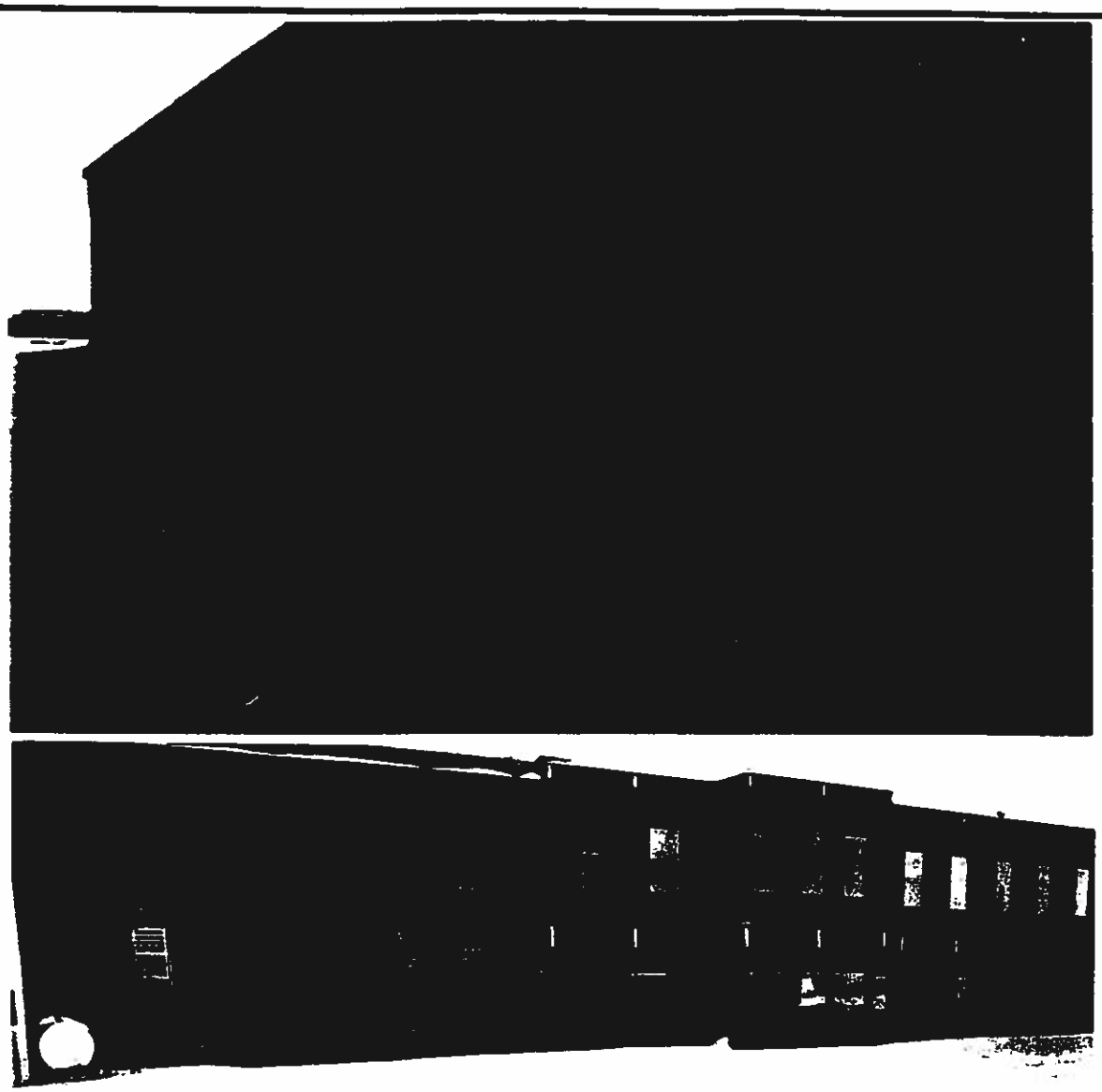
Photograph 4
West View From Subject Property.

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Old Marc Air Facility
Airport Industrial Way
Fairbanks, AK

April 2001

Photographs



Photograph 5
Back Side of Hangar Facility.

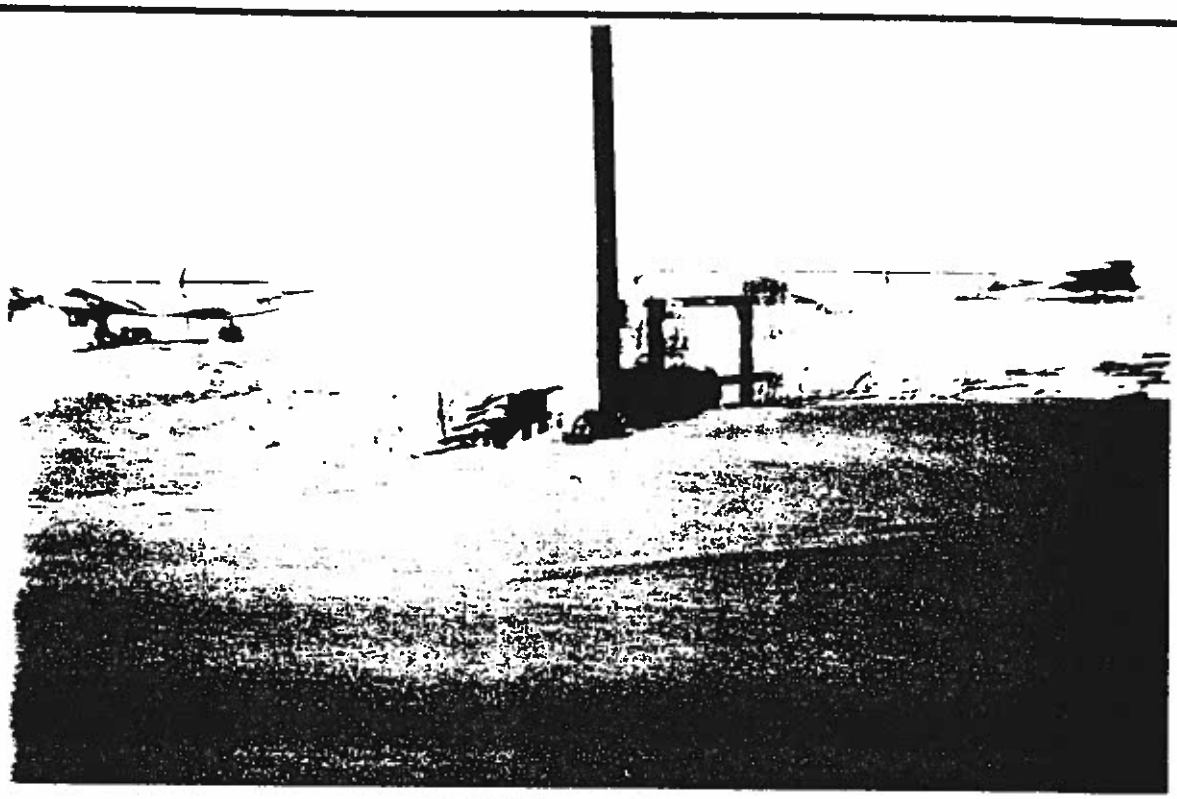
Photograph 6
Back Side of Offices.

PHASE 1
ENVIRONMENTAL
SITE ASSESSMENT

Old Marc Air Facility
Airport Industrial Way
Fairbanks, AK

April 2001

Photographs



Photograph 7
AST Located off of Northeast Corner of Cargo Building.

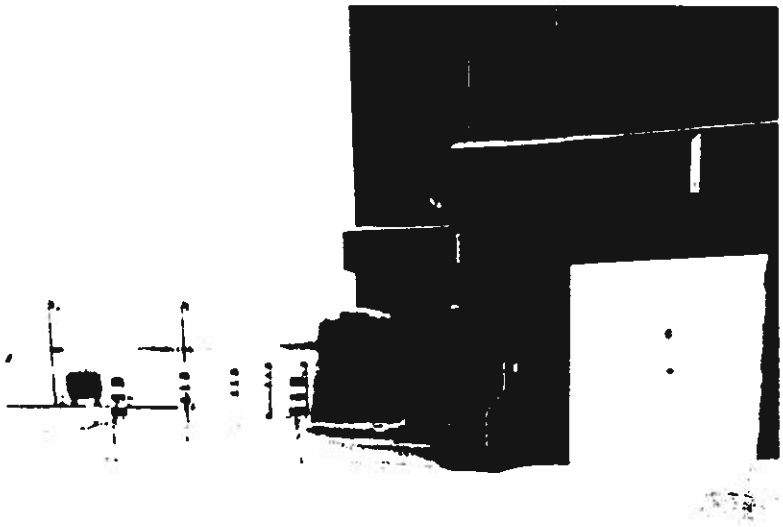
Photograph 8
Leaking HAVAC System.

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Old Marc Air Facility
Airport Industrial Way
Fairbanks, AK

Aonl 2001

Photographs



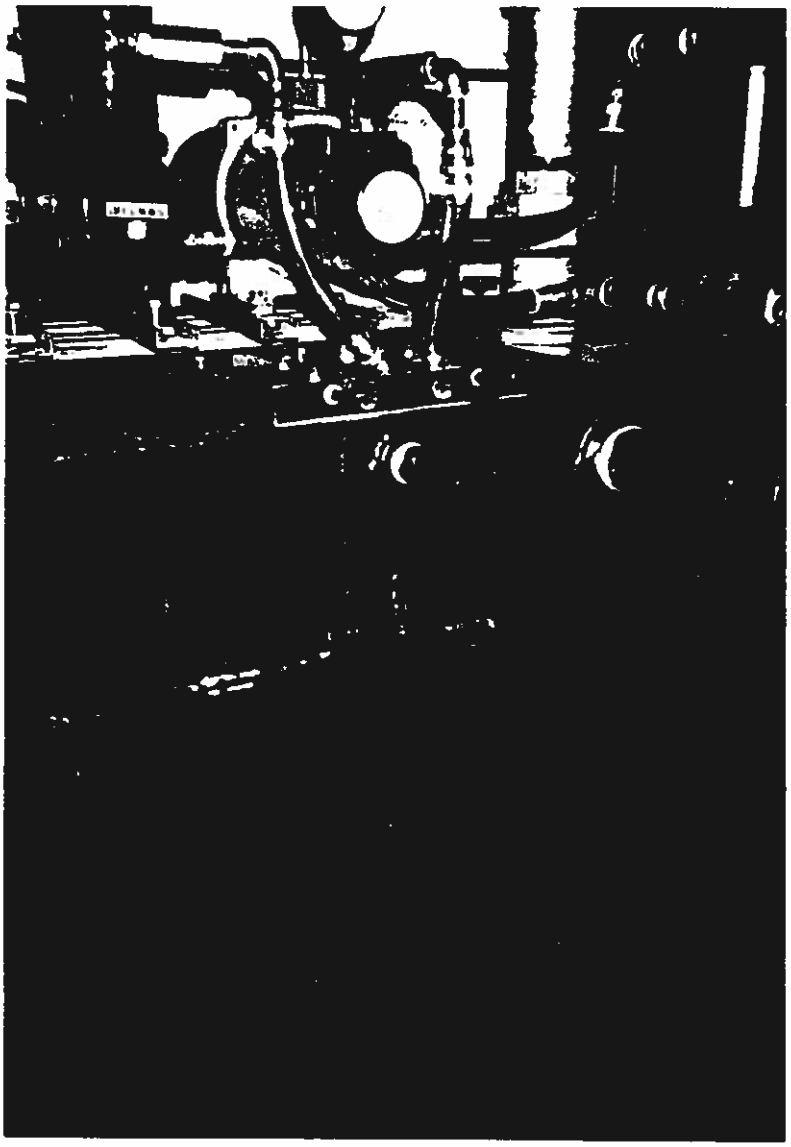
Photograph 9
Transformer Located off Northwest Corner of Hangar Facility.

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

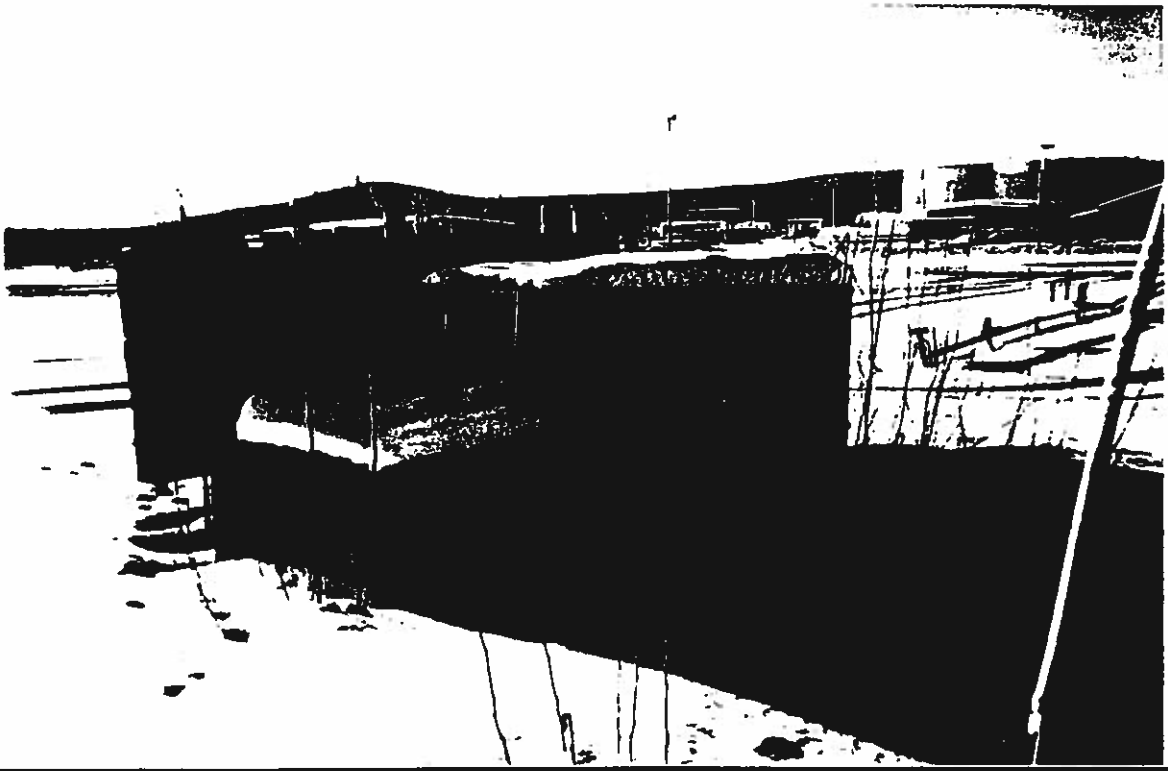
Old Marc Air Facility
Airport Industrial Way
Fairbanks, AK

April 2001

Photographs



Photograph 10 **AST Located in Boiler Room of Hangar Facility. Note Secondary Containment with Diesel Leak.**	**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT** **Old Marc Air Facility** **Airport Industrial Way** **Fairbanks, AK** April 2001	**Photographs**



Photograph 11
Transformer Located in Boiler Room of Hangar Facility.

Photograph 12
Transformer Located in Frount Parking Lot.

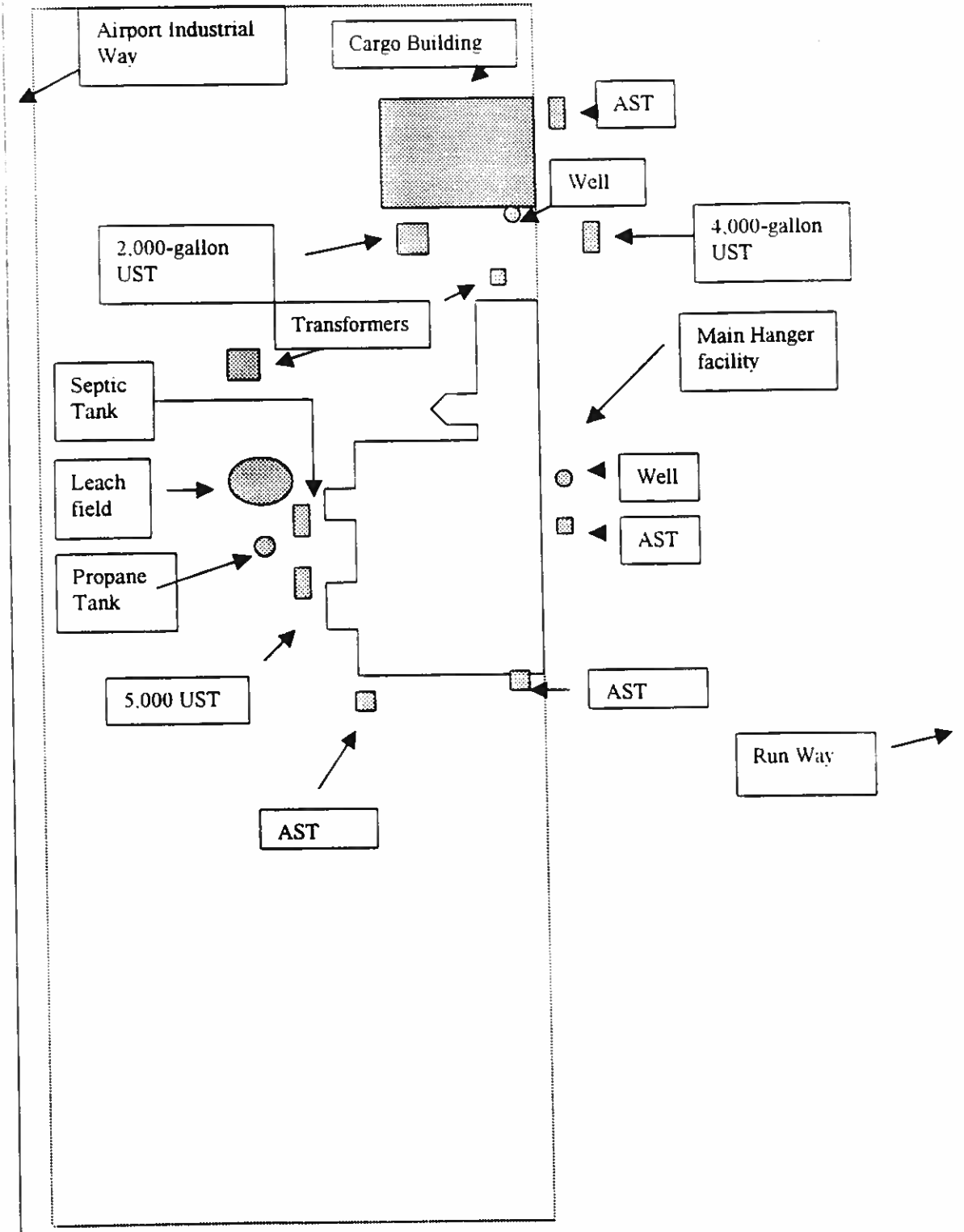
PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Old Marc Air Facility
Airport Industrial Way
Fairbanks, AK

April 2001

Photographs

APPENDIX A
SITE PLAN



Site Plan

Airport Industrial Way
Fairbanks, AK 99709

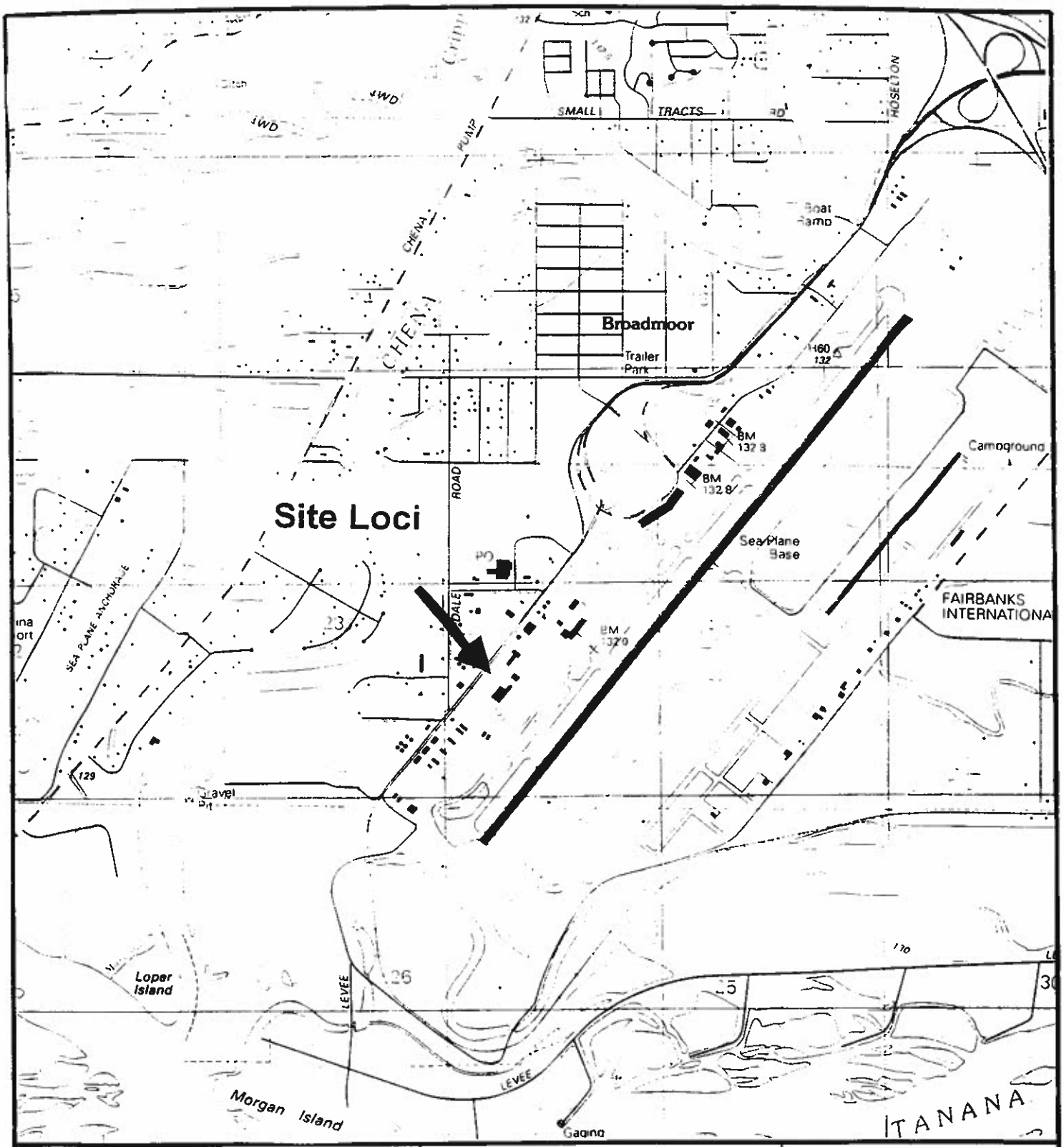
Not to Scale

PHASE 1
ENVIRONMENTAL
SITE ASSESSMENT

Appendix A

April 2001

APPENDIX B
SITE LOCI MAP



Site Loci Map

Airport Industrial Way
Fairbanks, AK 99709

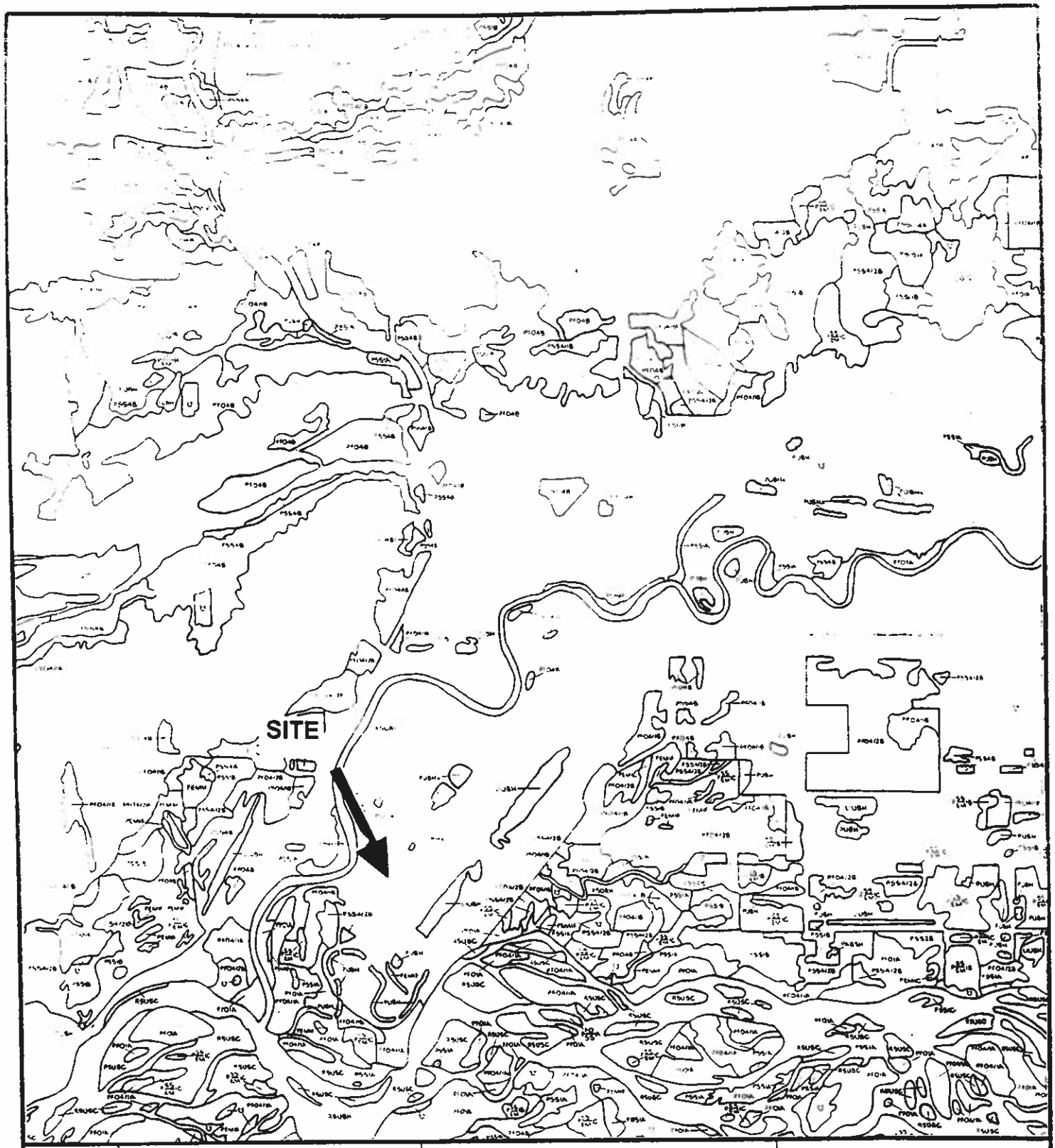
Not to Scale

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Appendix B

April 2001

APPENDIX C
NWI MAP



NWI MAP

Airport Industrial Way
Fairbanks, AK 99709

Fairbanks (D2)
U.S. Department of the Interior

PHASE 1
ENVIRONMENTAL
SITE ASSESSMENT

Appendix C

April 2001
Not to Scale

APPENDIX D

ENVIRONMENTAL DATABASE REPORT

The EDR-Radius Map
with GeoCheck®

Mark Air Hangar
Mark Air Hangar
Fairbanks, AK 99709

Inquiry Number: 599849.1s

February 23, 2001

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EXECUTIVE SUMMARY

ROD..... ROD
Delisted NPL..... NPL Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... NPL Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... Fifra / Tsca Tracking System

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Oil Terminal Facilities
AK Spills..... AK Spills

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Site	Address	Dist / Dir	Map ID	Page
M I DRILLING FLUIDS CO FAIRBAN	***SUPPLY RD OFF DALE RD***	***1/8 - 1/4 W***	***1***	***5***
WILLIAMS ALASKA PETROLEUM, INC	***5500 AIRPORT WY***	***1/8 - 1/4 SW***	***2***	***5***

STATE ASTM STANDARD

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

A review of the SHWS list, as provided by EDR, has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

TABLE OF CONTENTS

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

MARK AIR HANGAR
FAIRBANKS, AK 99709

COORDINATES

Latitude (North):	64.810740 - 64° 48' 38.7"
Longitude (West):	147.874970 - 147° 52' 29.9"
Universal Tranverse Mercator:	Zone 6
UTM X (Meters):	458446.9
UTM Y (Meters):	7187455.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... National Priority List
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SWF/LF..... State Landfill

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... CONSENT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

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

Date of Government Version: 01/23/01
Date Made Active at EDR: 02/16/01
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/05/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 02/05/01

Proposed NPL: Proposed NPL Sites
Source: EPA
Telephone: N/A

Date of Government Version: 01/23/01
Date Made Active at EDR: 02/16/01
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/05/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 02/05/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/16/00
Date Made Active at EDR: 08/16/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 06/05/00
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/29/00

CERCLIS-NFRAP: No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/16/00
Date Made Active at EDR: 08/16/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 06/05/00
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/29/00

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/20/00
Date Made Active at EDR: 08/01/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00
Elapsed ASTM days: 50
Date of Last EDR Contact: 12/11/00

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 01/30/01

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 02/02/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

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

Date of Government Version: 01/23/01
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/05/01
Date of Next Scheduled EDR Contact: 05/07/01

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

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4526
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/00
Database Release Frequency: Annually
Date of Last EDR Contact: 01/23/01
Date of Next Scheduled EDR Contact: 04/23/01

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/23/00
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 02/20/01
Date of Next Scheduled EDR Contact: 05/21/01

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3936
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/01/00
Database Release Frequency: Annually
Date of Last EDR Contact: 02/12/01
Date of Next Scheduled EDR Contact: 05/14/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/11/00
Date of Next Scheduled EDR Contact: 03/12/01

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97
Database Release Frequency: Annually

Date of Last EDR Contact: 12/27/00
Date of Next Scheduled EDR Contact: 03/26/01

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-1444
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/12/00
Date of Next Scheduled EDR Contact: 03/12/01

FTTS: Fifra / Tsca Tracking System
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-260-7864
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/30/01
Date of Next Scheduled EDR Contact: 03/26/01

FTTS INSP: Fifra/TSCA Tracking System/National Compliance Database (FTTS/NCDB)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 08/10/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/28/00
Date of Next Scheduled EDR Contact: 03/26/01

STATE OF ALASKA ASTM STANDARD RECORDS

SHWS: Contaminated Sites Database
Source: Department of Environmental Conservation
Telephone: 907-269-7547
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/00
Date Made Active at EDR: 01/22/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/19/00
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/19/00

SWF/LF: Solid Waste Facilities
Source: Department of Environmental Conservation
Telephone: 907-269-7632
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/01/00
Date Made Active at EDR: 11/30/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/31/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 01/29/01

LUST: Leaking Underground Storage Tank Database
Source: Department of Environmental Conservation
Telephone: 907-465-5301
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/13/00
Date Made Active at EDR: 01/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/18/00
Elapsed ASTM days: 29
Date of Last EDR Contact: 12/18/00

UST: Underground Storage Tank Database
Source: Department of Environmental Conservation
Telephone: 907-269-7504
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/28/00
Date Made Active at EDR: 07/20/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/26/00
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/20/00

STATE OF ALASKA ASTM SUPPLEMENTAL RECORDS

AST: Oil Terminal Facilities
Source: Department of Environmental Conservation
Telephone: 907-465-5231
Registered Aboveground Storage Tanks.

Date of Government Version: 06/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

SPILLS: Spills Database
Source: Department of Environmental Conservation
Telephone: 907-269-5242

Date of Government Version: 09/30/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/05/01
Date of Next Scheduled EDR Contact: 05/07/01

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HISTORICAL AND OTHER DATABASE(S)

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

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

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

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MARK AIR HANGAR
MARK AIR HANGAR
FAIRBANKS, AK 99709

TARGET PROPERTY COORDINATES

Latitude (North):	64.810738 - 64° 48' 38.7"
Longitude (West):	147.874969 - 147° 52' 29.9"
Universal Tranverse Mercator:	Zone 6
UTM X (Meters):	458446.9
UTM Y (Meters):	7187455.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

EXECUTIVE SUMMARY

Site	Address	Dist / Dir	Map ID	Page
AIRCRAFT SHOP BUILDING AT AIRP	6262 OLD AIRPORT WAY	1/2 - 1 NE	9	10

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Pollution Control & Ecology's LUST Notice Information.

A review of the LUST list, as provided by EDR, and dated 12/13/2000 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

Site	Address	Dist / Dir	Map ID	Page
WILLIAMS ALASKA PETROLEUM, INC	***5500 AIRPORT WY***	***1/8 - 1/4 SW***	***2***	***5***
FAA - CHANDALAR LAKE AIRPORT	***5472 MAIL TRAIL***	***1/4 - 1/2 N***	***3***	***5***
CROWLEY MARITIME CORP.	CORNER MAIL TR. / DAL	1/4 - 1/2 NNW	4	6
AIRPORT POST OFFICE GARAGE	***5400 MAIL TRAIL***	***1/4 - 1/2 N***	***5***	***6***
EVERTS AIR FUEL	***GATE 5 INTL. AIRPORT***	***1/4 - 1/2 NE***	***A6***	***6***
UNION PRODUCTS -AIRPORT STORAG	***GATE 28 - INT'L AIRPORT***	***1/4 - 1/2 NE***	***A7***	***9***
AVIS RENT A CAR	***FAIRBANKS AIRPORT***	***1/4 - 1/2 NE***	***A8***	***10***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Pollution Control & Ecology's RST Owner & Facilities database.

A review of the UST list, as provided by EDR, and dated 04/28/2000 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Site	Address	Dist / Dir	Map ID	Page
WILLIAMS ALASKA PETROLEUM, INC	***5500 AIRPORT WY***	***1/8 - 1/4 SW***	***2***	***5***

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	2	NR	NR	NR	2
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	1	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	1	6	NR	NR	7
UST		0.250	0	1	NR	NR	NR	1
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
AK Spills		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY DATABASES

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

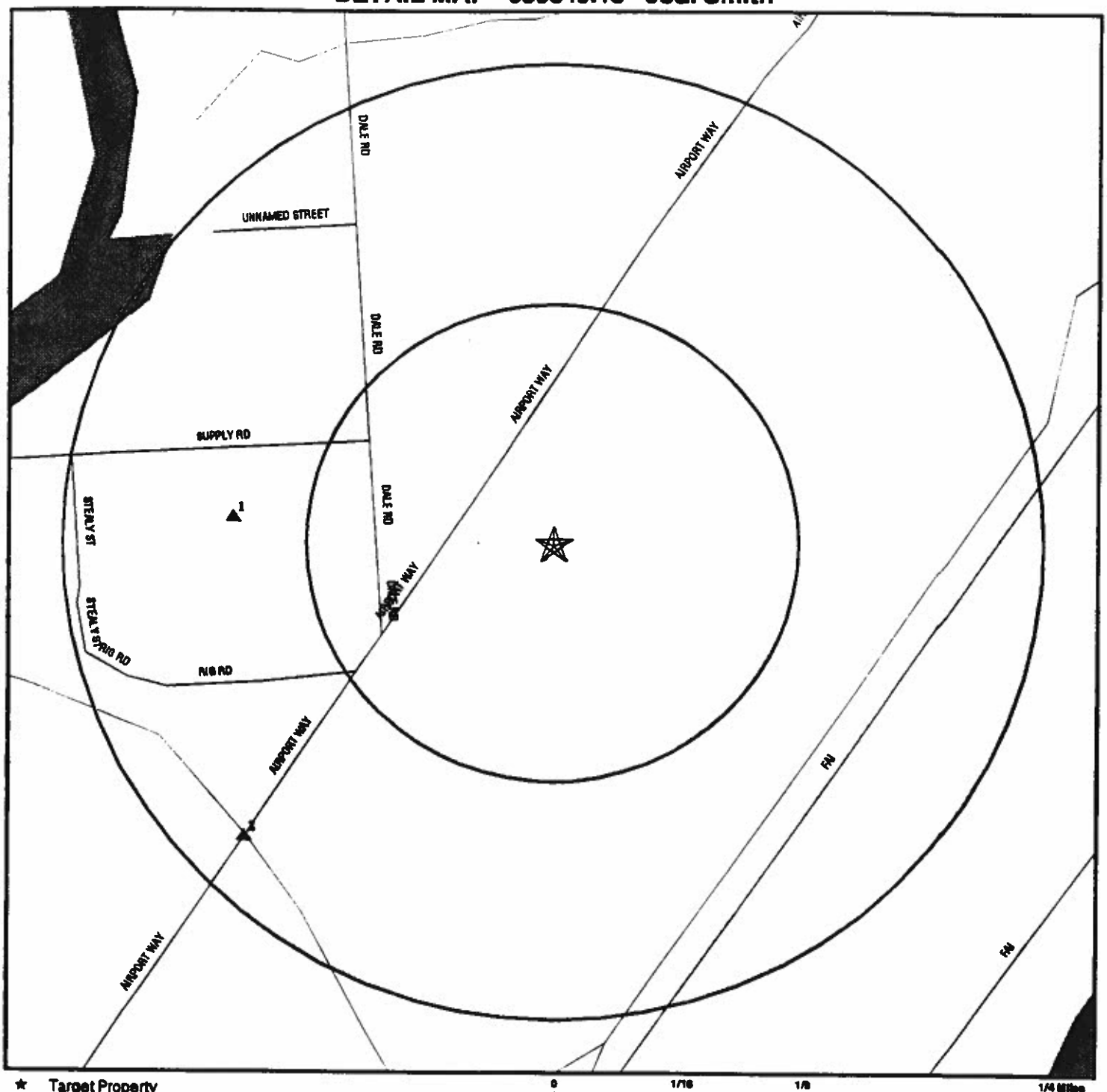
* Sites may be listed in more than one database

OVERVIEW MAP - 599849.1s - Jodi Smith

★ Target Property
▲ Toxic Sites
♟ Coal Gasification Sites (if requested)
National Priority List Sites
Landfill Sites

TARGET PROPERTY:	Mark Air Hangar	CUSTOMER:	Jodi Smith
ADDRESS:	Mark Air Hangar	CONTACT:	Jodi Smith
CITY/STATE/ZIP:	Fairbanks AK 99709	INQUIRY #:	599849.1s
LAT/LONG:	64.8107 / 147.8750	DATE:	February 23, 2001 7:08 pm

DETAIL MAP - 599849.1s - Jodi Smith



- ★ Target Property
- ▲ Toxic Sites
- ♟ Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

TARGET PROPERTY:	Mark Air Hangar	CUSTOMER:	Jodi Smith
ADDRESS:	Mark Air Hangar	CONTACT:	Jodi Smith
CITY/STATE/ZIP:	Fairbanks AK 99709	INQUIRY #:	599849.1s
LAT/LONG:	64.8107 / 147.8750	DATE:	February 23, 2001 7:08 pm

Coal Gas Site Search: EDR does not presently have coal gas site information available in this state.

1
West
1/8-1/4
864

M I DRILLING FLUIDS CO FAIRBANKS
SUPPLY RD OFF DALE RD
FAIRBANKS, AK 99709

RCRIS-SQG 1000111174
FINDS AKD980976005

RCRIS:
Contact: ARTHUR LEUTERMAN
(713) 750-2335
Record Date: 03/13/1998
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

2
SW
1/8-1/4
1159

WILLIAMS ALASKA PETROLEUM, INC
5500 AIRPORT WY
FAIRBANKS, AK 99709

RCRIS-SQG 1000176288
FINDS AKD000835033
UST
LUST

RCRIS:
Owner: MAPCO ALASKA PETROLEUM INC
Contact: DOUG MCCORT
(907) 474-0601
Record Date: 11/30/1997
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

LUST:
Facility ID: 2807
Event ID: 1031
Last Name: Adler
Status Code: OPEN
Alternate Event ID: 92310007701
Facility Phone: (907) 451-2183

UST:
Facility ID: 2807
Tank ID: 1
Tank Status: Permanently Out of Use
Owner Name: MAPCO ALASKA PETROLEUM, INC
Owner Address: 1076 OCEAN DOCK RD
Anchorage, AK 99501
Installed Date: 01/01/1972
Closure Status: Tank removed from ground
Date Closed: 10-Jul-90
Alt Tank ID: 1
Capacity: 1000
Date Last Used: 07/01/1990
Substance: Gasoline

3
North
1/4-1/2
2291

FAA - CHANDALAR LAKE AIRPORT
5472 MAIL TRAIL
FAIRBANKS, AK 99709

UST U003331004
LUST N/A

LUST:
Facility ID: 2178
Event ID: 1113
Status Code: OPEN
Alternate Event ID: 94310018201

FAA - CHANDALAR LAKE AIRPORT (Continued) — **U003331004**

Last Name:	Olson	Facility Phone:	(907) 269-7527
Facility ID:	2178	Status Code:	OPEN
Event ID:	1114	Alternate Event ID:	94310018301
Last Name:	Olson	Facility Phone:	(907) 269-7527

UST:

Facility ID:	2178		
Tank ID:	1	Atl Tank ID:	1
Tank Status:	Permanently Out of Use	Capacity:	500
Owner Name:	FAA - FEDERAL AVIATION ADMINISTRATION		
Owner Address:	222 WEST 7TH AVE, BOX 14 Anchorage, AK 99513		
Installed Date:	01/01/1962	Date Last Used:	09/01/1993
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	02-Jul-94		

---

4 NNW 1/4-1/2 2296 — **CROWLEY MARITIME CORP.** / **CORNER MAIL TR. / DALE RD;** / **FAIRBANKS, AK** — **LUST** **S104795165** **N/A**

LUST:

Facility ID:	3016	Status Code:	OPEN
Event ID:	1045	Alternate Event ID:	92310024204
Last Name:	Adler	Facility Phone:	(907) 451-2183

---

5 North 1/4-1/2 2516 — **AIRPORT POST OFFICE GARAGE** / **5400 MAIL TRAIL** / **FAIRBANKS, AK 99709** — **UST** **U003365239** **LUST** **N/A**

LUST:

Facility ID:	3207	Status Code:	CLOSED
Event ID:	2450	Alternate Event ID:	none
Last Name:	Adler	Facility Phone:	(907) 451-2183

UST:

Facility ID:	3207		
Tank ID:	1	Atl Tank ID:	Not reported
Tank Status:	Permanently Out of Use	Capacity:	500
Owner Name:	US Postal Service		
Owner Address:	3201 C St Suite 500 Anchorage, AK 99503		
Installed Date:	Not reported	Date Last Used:	06/29/1998
Closure Status:	Not reported	Substance:	Diesel
Date Closed:	Not reported		

A6 NE 1/4-1/2 2566 — **EVERTS AIR FUEL** / **GATE 5 INTL. AIRPORT** / **FAIRBANKS, AK 99706** — **UST** **U003141000** **LUST** **N/A**

Site 1 of 3 in cluster A

LUST:

Facility ID:	425	Status Code:	OPEN
Event ID:	1097	Alternate Event ID:	93310031901
Last Name:	Adler	Facility Phone:	(907) 451-2183

EVERTS AIR FUEL (Continued) **U003141000**

Facility ID:	425	Status Code:	OPEN
Event ID:	1133	Alternate Event ID:	95310001801
Last Name:	Adler	Facility Phone:	(907) 451-2183

UST:

Facility ID:	425		
Tank ID:	1	Atl Tank ID:	1
Tank Status:	Permanently Out of Use	Capacity:	20000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908 Fairbanks, AK 99706		
Installed Date:	05/07/1976	Date Last Used:	09/01/1994
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	19-Sep-94		

Facility ID:	425		
Tank ID:	2	Atl Tank ID:	2
Tank Status:	Permanently Out of Use	Capacity:	15000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908 Fairbanks, AK 99706		
Installed Date:	05/08/1983	Date Last Used:	09/01/1994
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	19-Sep-94		

Facility ID:	425		
Tank ID:	3	Atl Tank ID:	3
Tank Status:	Permanently Out of Use	Capacity:	15000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908 Fairbanks, AK 99706		
Installed Date:	05/08/1983	Date Last Used:	09/01/1994
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	19-Sep-94		

Facility ID:	425		
Tank ID:	4	Atl Tank ID:	4
Tank Status:	Currently in Use	Capacity:	10000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908 Fairbanks, AK 99706		
Installed Date:	05/08/1983	Date Last Used:	Not reported
Closure Status:	Not reported	Substance:	Gasoline
Date Closed:	Not reported		

EVERTS AIR FUEL (Continued) **U003141000**

Facility ID:	425		
Tank ID:	5	Alt Tank ID:	5
Tank Status:	Currently in Use	Capacity:	15000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908		
	Fairbanks, AK 99706		
Installed Date:	05/07/1985	Date Last Used:	Not reported
Closure Status:	Not reported	Substance:	Gasoline
Date Closed:	Not reported		

Facility ID:	425		
Tank ID:	6	Alt Tank ID:	6
Tank Status:	Currently in Use	Capacity:	15000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908		
	Fairbanks, AK 99706		
Installed Date:	05/07/1985	Date Last Used:	Not reported
Closure Status:	Not reported	Substance:	Gasoline
Date Closed:	Not reported		

Facility ID:	425		
Tank ID:	8	Alt Tank ID:	8
Tank Status:	Permanently Out of Use	Capacity:	1500
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908		
	Fairbanks, AK 99706		
Installed Date:	05/07/1976	Date Last Used:	10/01/1995
Closure Status:	Tank removed from ground	Substance:	Gasoline
Date Closed:	11-Oct-95		

Facility ID:	425		
Tank ID:	9	Alt Tank ID:	9
Tank Status:	Permanently Out of Use	Capacity:	500
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908		
	Fairbanks, AK 99706		
Installed Date:	01/01/1955	Date Last Used:	10/01/1995
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	04-Oct-95		

Facility ID:	425		
Tank ID:	10	Alt Tank ID:	10
Tank Status:	Permanently Out of Use	Capacity:	1000
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908		
	Fairbanks, AK 99706		
Installed Date:	01/01/1955	Date Last Used:	10/01/1993
Closure Status:	Tank removed from ground	Substance:	Gasoline
Date Closed:	01-Oct-93		

EVERTS AIR FUEL (Continued) — **U003141000**

Facility ID:	425		
Tank ID:	7	Atl Tank ID:	7
Tank Status:	Permanently Out of Use	Capacity:	500
Owner Name:	EVERTS AIR FUEL		
Owner Address:	P.O. BOX 60908 Fairbanks, AK 99706		
Installed Date:	05/07/1976	Date Last Used:	10/01/1993
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	01-Oct-93		

A7 — **UNION PRODUCTS -AIRPORT STORAGE** — **UST U003140164**
NE — **GATE 28 - INT'L AIRPORT** — **LUST N/A**
1/4-1/2 — **FAIRBANKS, AK 99707**
2566

Site 2 of 3 in cluster A

LUST:

Facility ID:	201	Status Code:	OPEN
Event ID:	1022	Alternate Event ID:	92310003501
Last Name:	Adler	Facility Phone:	(907) 451-2183

UST:

Facility ID:	201		
Tank ID:	1	Atl Tank ID:	1
Tank Status:	Permanently Out of Use	Capacity:	10000
Owner Name:	CEM LEASING, INC. DBA PETROLEUM		
Owner Address:	P O. BOX 70890 Fairbanks, AK 99701		
Installed Date:	05/06/1969	Date Last Used:	07/18/1990
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	21-Oct-91		

Facility ID:	201		
Tank ID:	2	Atl Tank ID:	2
Tank Status:	Permanently Out of Use	Capacity:	10000
Owner Name:	CEM LEASING, INC. DBA PETROLEUM		
Owner Address:	P.O. BOX 70890 Fairbanks, AK 99701		
Installed Date:	05/06/1969	Date Last Used:	07/18/1991
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	21-Oct-91		

Facility ID:	201		
Tank ID:	3	Atl Tank ID:	3
Tank Status:	Permanently Out of Use	Capacity:	10000
Owner Name:	CEM LEASING, INC. DBA PETROLEUM		
Owner Address:	P.O. BOX 70890 Fairbanks, AK 99701		
Installed Date:	05/06/1969	Date Last Used:	07/18/1991
Closure Status:	Tank removed from ground	Substance:	Diesel
Date Closed:	21-Oct-91		

UNION PRODUCTS -AIRPORT STORAGE (Continued) — **U003140164**

Facility ID:	201		
Tank ID:	4	Atl Tank ID:	4
Tank Status:	Permanently Out of Use	Capacity:	10000
Owner Name:	CEM LEASING, INC. DBA PETROLEUM		
Owner Address:	P.O. BOX 70890		
	Fairbanks, AK 99701		
Installed Date:	05/06/1969	Date Last Used:	07/18/1991
Closure Status:	Tank removed from ground	Substance:	Gasoline
Date Closed:	21-Oct-91		

A8 — **AVIS RENT A CAR** — UST — **U003139764**
NE — **FAIRBANKS AIRPORT** — LUST — **N/A**
1/4-1/2 — **FAIRBANKS, AK 99706**
2566

Site 3 of 3 in cluster A

LUST:

Facility ID:	1475	Status Code:	OPEN
Event ID:	1730	Alternate Event ID:	98310020401
Last Name:	Camahan	Facility Phone:	(907) 451-2166

UST:

Facility ID:	1475		
Tank ID:	1	Atl Tank ID:	1
Tank Status:	Permanently Out of Use	Capacity:	3000
Owner Name:	ALASKA RENT A CAR, INC.		
Owner Address:	P.O.BOX 190028 DR		
	Anchorage, AK 99519		
Installed Date:	02/25/1976	Date Last Used:	07/01/1998
Closure Status:	Tank removed from ground	Substance:	Gasoline
Date Closed:	23-Jul-98		

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9 — **AIRCRAFT SHOP BUILDING AT AIRPORT** — SHWS — **S104224676**
NE — **6262 OLD AIRPORT WAY** — **N/A**
1/2-1 — **FAIRBANKS, AK 99706**
5132

SHWS:

Staff:	Closed
File Number:	100.38.100
Priority Type:	Low
Facility Status:	Closed
Internal Id No:	1.99531E+12
Comments:	Removal of one 10,000-gal. HOT.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
FAIRBANKS	1000885927	UNITED PARCEL SVC	5859 AIRPORT INDUSTRIAL RD	99709	RCRIS-SQG, FINDS	
FAIRBANKS	U003331086	MARKAIR FAIRBANKS WAREHOUSE	5250 AIRPORT INDUSTRIAL RD	99709	UST	2751
FAIRBANKS	U003402493	THE GASLINE BY ALASKA PETROLEUM	1032 AIRPORT RD	99709	UST	3067
FAIRBANKS	S104224685	OLD BULK FUEL STORAGE	AIRPORT WEST RAMP	99709	SHWS	
FAIRBANKS	U003330842	FAIRBANKS CARGO BUILDING	5175 AIRPORT INDUSTRIAL ROAD	99709	UST, LUST	1348
FAIRBANKS	S104224687	TRUCKING FACILITY	AURORA DRIVE	99709	SHWS	
FAIRBANKS	U003140403	MARK AIR HANGER	AV-GAS DISPENSARY	99709	UST	2371
FAIRBANKS	S104224623	COMMUNICATIONS SYSTEM FACILITY	699-717 30TH AVENUE	99701	SHWS	
FAIRBANKS	S104224638	COMMUNICATIONS ANNEX & WAREHOUSE	717 30TH AVENUE	99701	SHWS	
FAIRBANKS	S104224651	INSPECTION SERVICE COMPANY	611 30TH AVENUE	99701	SHWS	
FAIRBANKS	S103228922	OLD QUONSET HUT	BALLAINE LAKES FACILITY	99709	SHWS	
FAIRBANKS	S103228912	SALVAGE YARD	BETHANY AND FRONTAGE	99701	SHWS	
FAIRBANKS	S103376920	STORM SEWER AT AIRPORT	BLOCK2, LOT 3, FIA		SHWS	
FAIRBANKS	S103228921	PRIVATE PROPERTY	CORMORANT STREET	99709	SHWS	
FAIRBANKS	S104224661	RIGHT-OF-WAY INVESTIGATION #6	NE CORNER DRIVEWAY /	99701	SHWS	
FAIRBANKS	S103376910	LANDFILL	S CUSHMAN EXTENSION	99701	SHWS	
FAIRBANKS	U003177763	AIRPORT GAS AND OIL	4480 DALE RD	99709	UST	3033
FAIRBANKS	S104519074	PRIVATE FARM	5299 EIELSON FARM ROAD	99701	SHWS	
FAIRBANKS	S104224649	FIRE TRAINING PITS	S END OF UNIVERSITY AVE	99701	SHWS	

EXECUTIVE SUMMARY

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

Site Name	Database(s)
OLD BULK FUEL STORAGE	SHWS
TRUCKING FACILITY	SHWS
COMMUNICATIONS SYSTEM FACILITY	SHWS
COMMUNICATIONS ANNEX & WAREHOUSE	SHWS
INSPECTION SERVICE COMPANY	SHWS
OLD QUONSET HUT	SHWS
SALVAGE YARD	SHWS
STORM SEWER AT AIRPORT	SHWS
PRIVATE PROPERTY	SHWS
RIGHT-OF-WAY INVESTIGATION #6	SHWS
LANDFILL	SHWS
PRIVATE FARM	SHWS
FIRE TRAINING PITS	SHWS
FAIRBANKS CARGO BUILDING	UST, LUST
MARKAIR FAIRBANKS WAREHOUSE	UST
THE GASLINE BY ALASKA PETROLEUM	UST
MARK AIR HANGER	UST
AIRPORT GAS AND OIL	UST
UNITED PARCEL SVC	RCRIS-SQG, FINDS

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

TOPOGRAPHIC INFORMATION

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

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

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

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: Undeterminable

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Q3 Flood Data Electronic Coverage
FAIRBANKS_NORTH_STAR, AK	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0250090183G / CBPP
Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Coverage
Not Reported	N

HYDROGEOLOGIC INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW®

Search Radius: 2.000 Miles.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

GEOLOGIC AGE IDENTIFICATION

Geologic Code: Data Not Available
Era: -
System: -
Series: -

ROCK STRATIGRAPHIC UNIT

Category: -

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	HISTIC PERGELIC CRYAQUEPTS
Soil Surface Texture:	peat
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	peat	A-8	Highly organic soils, Peat.	Max: 6.00 Min: 2.00	Max: 4.40 Min: 3.60
2	7 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	11 inches	24 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
4	24 inches	60 inches	ice or frozen soil	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silt loam

Surficial Soil Types: silt loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: stratified
very gravelly - sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

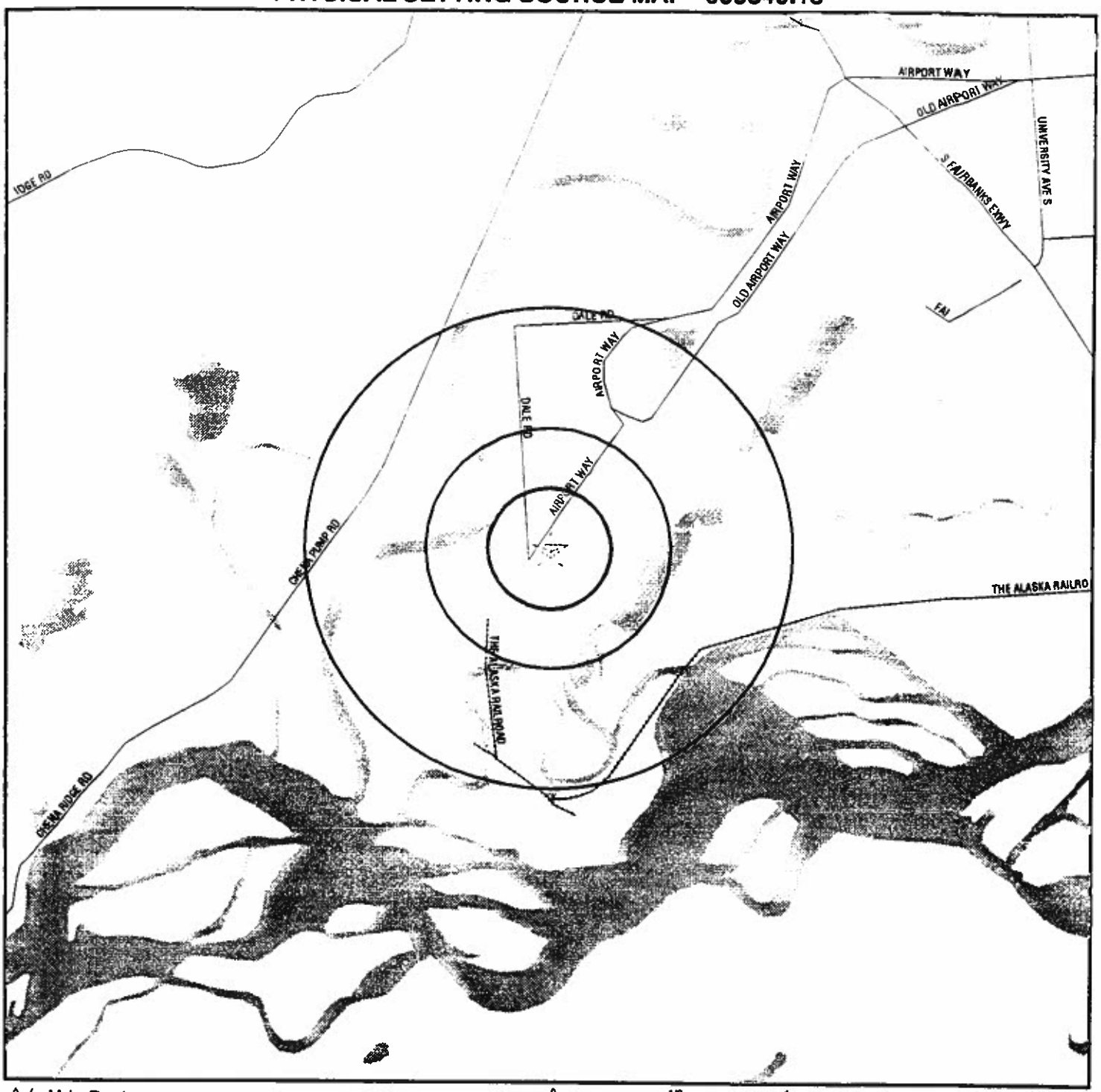
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

PHYSICAL SETTING SOURCE MAP - 599849.1s



Major Roads
Contour Lines
Water Wells
Public Water Supply Wells
Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Cluster of Multiple Icons

0 1/2 1 2 Miles

Earthquake epicenter, Richter 5 or greater

No contour lines were detected within this map area.

TARGET PROPERTY:	Mark Air Hangar	CUSTOMER:	Jodi Smith
ADDRESS:	Mark Air Hangar	CONTACT:	Jodi Smith
CITY/STATE/ZIP:	Fairbanks AK 99709	INQUIRY #:	599849.1s
LAT/LONG:	64.8107 / 147.8750	DATE:	February 23, 2001 7:08 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for FAIRBANKS NORTH STAR County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 99709

Number of sites tested: 46

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.948 pCi/L	88%	8%	4%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.239 pCi/L	87%	13%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

RADON

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Environmental Data Resources, Inc.
an edr company
"Linking Technology with Tradition"

Sanborn™ Map Report

Ship to:
Jodi Smith
Jodi Smith
2053 Toboggan Lane
Fairbanks, AK 99709

Order Date: 2/23/2001 **Completion Date:** 02/26/2001
Inquiry #: 599849.2S
P.O. #: na
Site Name: Mark Air Hangar
Address: Mark Air Hangar
City/State: Fairbanks, AK 99709
Cross Streets:

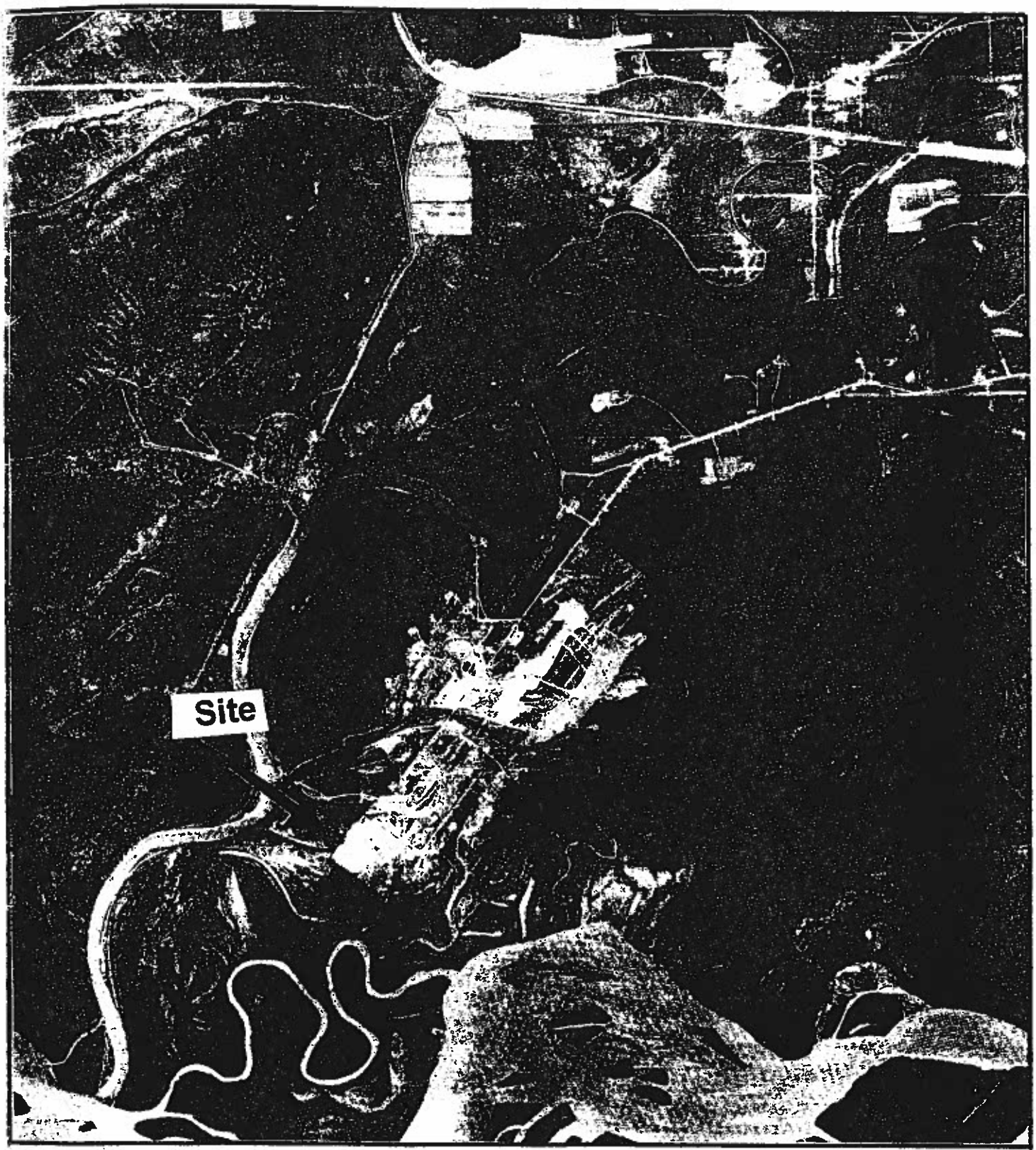
8010430KID 907-458-8559

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client-supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

APPENDIX E

AERIAL PHOTOGRAPHS

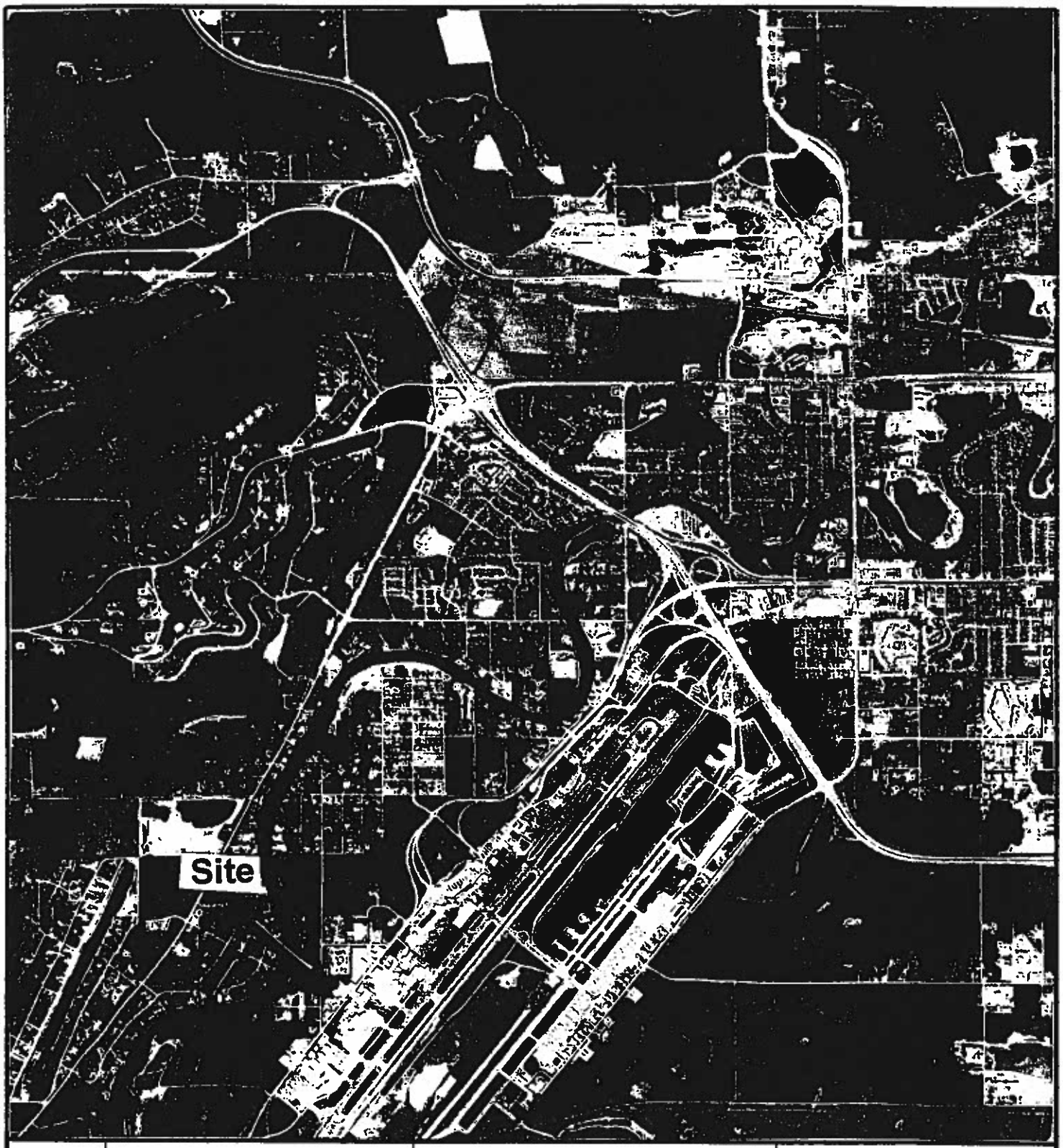


1969 Aerial Photo

Airport Industrial Way
Fairbanks, AK 99709

PHASE 1
ENVIRONMENTAL
SITE ASSESSMENT

Appendix E



1999 Aerial Photo

Airport Industrial Way
Fairbanks, AK 99709

Not to Scale

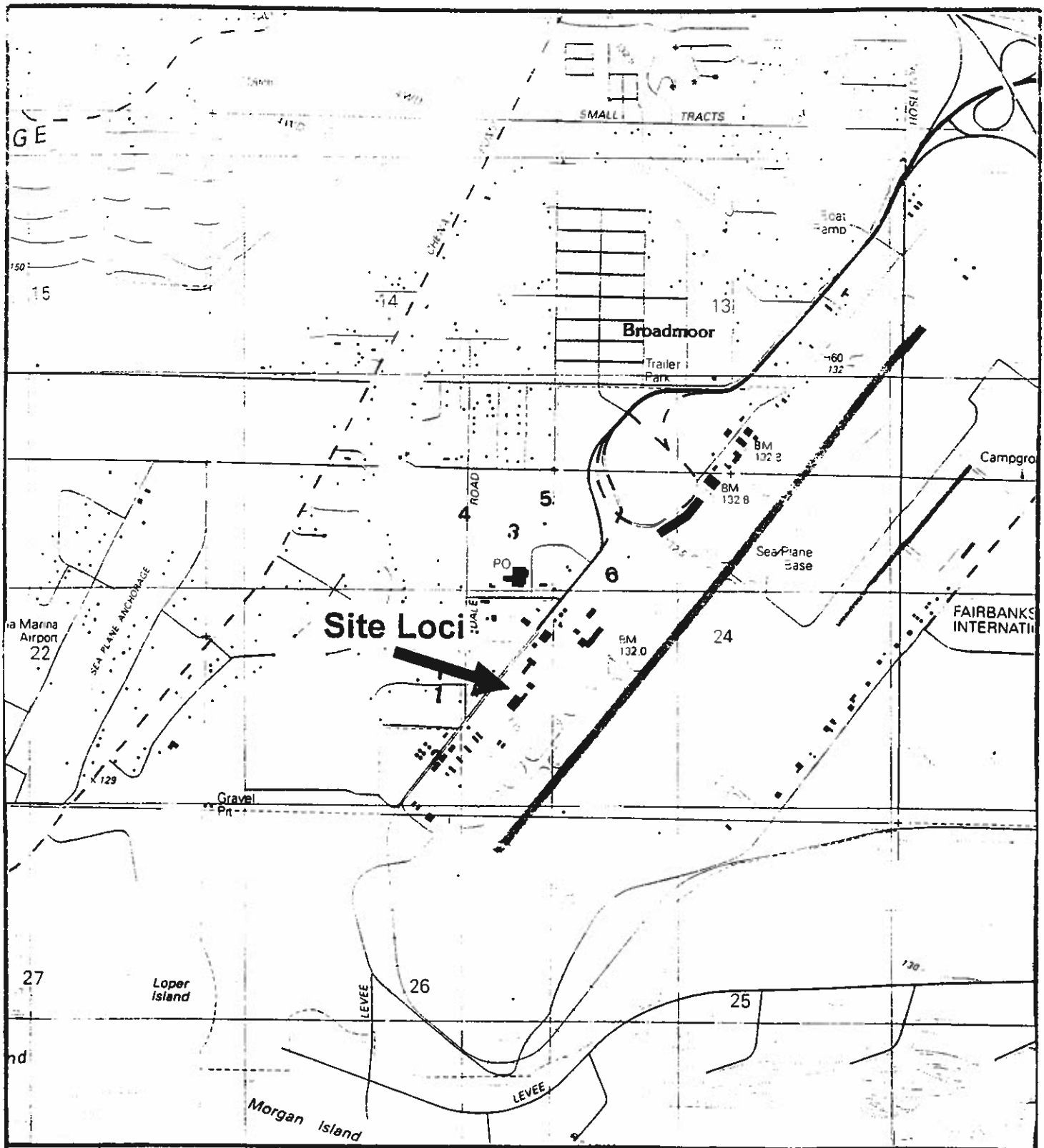
PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Appendix E

April 2001

APPENDIX F

OVER VIEW MAP



Over view Map

Airport Industrial Way
Fairbanks, AK 99709

Fairbanks (D2)
USGS (D2) Topographic

PHASE 1
ENVIRONMENTAL
SITE ASSESSMENT

Appendix F

April 2001
Not to Scale

APPENDIX G
RESUMES

Jodi Lynn Smith
(907) 458-8559
e-mail cysfwa@gci.net

QUALIFICATIONS SUMMARY

Originally specializing in aquaculture and biological sciences, I have transitioned into the environmental field. Specializing in RCRA, CERCLA,OSHA and DOT compliance, I have extensive experience in the environmental field. I have supervisory experience, and am well suited to either field or supervisory roles.

EMPLOYMENT HISTORY

(July 1998 to present) Site Supervisor, Fort Wainwright, Ft Greeley RCRA Compliance Services Contract. **CYS Management Services Inc. U.S. Army, Alaska Site Supervisor for RCRA Hazardous Waste Facilities.** Duties include employee supervision, hazardous waste characterization and profiling, regulatory compliance, processing and storage, document generation and tracking, health and safety program administrator. Additional responsibilities include providing technical assistance to troops, internal compliance inspections, and customer interfacing. Responsible for RCRA, CERCLA and OSHA compliance for CYS employees and compliance monitoring of US Army Alaska Ft. Wainwright and Ft Greeley troops.

(1996-1998) Environmental Technician
ENSR Consulting and Engineering, Alaska, Pennsylvania, New Jersey
Worked across the united states conducting ground water and soil monitoring, Phase One Investigations, Environmental Impact Statements, wetlands investigations, DEC permitting, asbestos surveying, buried drum excavations, and report generation. Oversight of construction crews including OSHA health and safety compliance. Worked in Prudhoe Bay Alaska conducting remote sampling for in-house environmental compliance.

(1996 to present) Environmental Technician
BESTECH Environmental Services, Fairbanks AK
Conducted ground water and soil monitoring, Phase One Investigations, asbestos surveying, GPS work for USACE, report generation, and health and safety compliance monitoring.

(1998 to present) Environmental Technician
Airborne Exploration Inc, Fairbanks AK
Conducted Phase One and Two Environmental Investigations, report generation, health and safety compliance monitoring.

(July, 1990-1994) Fish & Wildlife Biologist, FB 1
Alaska Department of Fish and Game
Conducted and coordinated statewide coded wire tagging of pacific salmon. Performed other tasks, including: weir construction and operation; skiff operation; electro-shocking; histopathology sampling; scale sampling and aging; operating sonar system for fish inventory; conducting stream counts by air and ground; plankton sampling; surveying. This job included statewide quality control and quality assurance monitoring and reporting.

(1987-1990) Assistant Planner
Prince William Sound Aquaculture Corporation
As Assistant Planner I conducted historical research, user groups demographics, oral and written surveys and public meetings.

(1987-1990) Fish Culturalist
Prince William Sound Aquaculture Corporation, remote islands Prince William Sound, AK
As Fish Culturist I performed various tasks including: seining, gillnetting; diving; harvesting, spawning, and rearing all five species of Pacific salmon; conducted public meetings; data entry. Supervised employees. Conducted health and safety meetings, set up MSDS program. Responsible for remote health care.

(1986) Aquaculture Technician
Hawaii Institute of Marine Biology, Hawaii
Performed marine pond sampling; assembling and testing of commercial aerators; harvesting and rearing shrimp and walking catfish; sampling plankton and chlorophyll; underwater collection of marine organisms; data entry.

EDUCATION

M.S. (Environmental Health) West Chester University 2001
B.S. (Environmental Technology/Aquaculture) Florida Institute of Technology 1987

PROFESSIONAL REGISTRATIONS & AFFILIATIONS

DOT Hazardous Loads Shipping Certified
Certified Open Water Diver
Society of Professional Women
AHERA Asbestos Inspector Certification
Hazardous Waste Operations Training Certificate/Supervisor
Lift Truck Operation
DOD Subject Matter Expert Hazardous Waste Management
Certified Nursing Assistant