



## BOARD OF DIRECTORS MEETING

Tuesday, August 4, 2020 @ 4:00 P.M.

IGU Office: 3408 International Street, Fairbanks, AK

Future IGU Meeting Location: 2216 S Cushman St, Fairbanks, AK

### DRAFT AGENDA

*To participate via teleconference call 1-253-215-8782;  
when prompted, enter meeting ID 819 7000 7281, Password 082773*

\*Given the ongoing COVID-19 concerns this meeting will be held telephonically only. Packets will be available to the public outside the door of the IGU Office or outside the door at our future meeting location 2216 S Cushman St \*

#### Join Zoom Meeting

<https://us02web.zoom.us/j/81970007281?pwd=ZlpqWDUvanc0ZkUrMETZb3R3Mi9UZz09>

1-253-215-8782

**Meeting ID:** 819 7000 7281

**Password:** 082773

#### I. CALL TO ORDER

- Roll call
- Approval of Agenda & Consent Agenda\*  
(Items marked with \* are approved under consent agenda)
- \* • \*Approval of Minutes – 7/7/2020 & 7/21/2020
- \* • \*Approval of Financials – 7/28/2020
- Public Comment – limited to three minutes

#### II. OLD BUSINESS (Board Discussion & Possible Action) (Possible Executive Session)

- Bond Rating Update..... Page 33
- COVID-19 Update and Protocol ..... Page 34

#### III. NEW BUSINESS (Board Discussion & Possible Action)

- Policies required in the Financing Agreement ..... Page 36

#### IV. OTHER BUSINESS (Board Discussion & Possible Action) (Possible Executive Session)

- Marketing & New Service Report ..... Page 40
- Update of Gas Supply Search
  - MAP Report..... Page 49

#### V. CORRESPONDENCE

- Phase 1 Environmental Assessment for TL-2914 ..... Page 51

#### VI. REPORTS

- General Manager ..... Page 153
- IGU Attorney..... Page 157

#### VII. DIRECTOR REQUESTS FOR IGU INFORMATION

#### VIII. CLOSING COMMENTS

- General Manager
- IGU Attorney
- Directors

#### IX. EXECUTIVE SESSION

#### X. ADJOURNMENT - To be effective at the end of the Executive Session

\* EXECUTIVE SESSIONS will be moved to after Closing Comments to allow for the public's full participation in the meeting.\*

# Approval of Minutes

7/7/2020

&

7/21/2020



**BOARD OF DIRECTORS MEETING**  
Tuesday, July 7, 2020 @ 4:00 P.M.  
100 Cushman Street, Suite 512, Fairbanks, AK

**DRAFT MINUTES**

A Telephonic Meeting of the Board of Directors of the Interior Gas Utility was held Tuesday July 7, 2020. IGU Board Chair, Steve Haagenon presiding.

Others in attendance were: Dan Britton (IGU General Manager), Heather Thomas (IGU Secretary), Rene Broker (IGU Attorney), Michelle Hollowell (IGU Customer Service/Conversion Manager), Wesley Smith (IGU Controller), Zach Dameron (IGU Assistant Controller), Mark Rockwell (IGU Director of Operations), Mary Ann Pease (MAP Consulting).

**I. CALL TO ORDER 4:01pm**

- Roll call  
Steve Haagenon  
Mike Miller  
Patrice Lee-*joined @ 4:12pm*  
Mary Nordale-*joined @ 4:12pm*  
Pamela Throop  
Jack Wilbur  
Gary Wilken
- Approval of Agenda & Consent Agenda\*

*00:01:00 Moved by Vice Chair Miller to Approve the Agenda & Consent Agenda, 2<sup>nd</sup> by Director Wilken.*

*Motion Approved without objection.*

- Approval of Minutes – 6/2/2020 & 6/16/2020\*
- Approval of Financials – 6/23/2020\*  
*(Items marked with \* are approved under consent agenda)*
- Public Comment – *There were no public comments*

**II. NEW BUSINESS**

- Phase 1 Environmental Assessment for TL-2914 **00:02:10**

GM Dan Britton presents. The final Phase 1 Environmental Assessment is still in the review process with Nortech Engineering. The engineer working on it has not found any issues thus far and believes that unless something is found during the review process then the assessment should come back clear and IGU can move forward with closing on the property.

- Resolution 2020-04 GVEA Easement Request **00:03:30**

IGU Director of Operations Mark Rockwell presents. Golden Valley Electric Association contacted IGU 30 days ago requesting an easement at the western boundary of Site 1. The easement would be a 15' extension of an existing easement which is needed to reach a new customer. Board discussion and questions.

*0:07:58 Moved by Director Wilken to Move to approve Resolution 2020-04 authorizing a Golden Valley Electric Association easement for installation of a new overhead power line at Lot 6, Block 6 Metro Industrial Airpark Subdivision., 2<sup>nd</sup> by Director Wilbur.*

*00:08:17 Roll Call Vote: Throop-Y, Wilbur-Y, Wilken-Y, Miller-Y, Haagenson-Y  
Motion passed unanimously.*

*00:09:44* Brief at Ease by GM Dan Britton to assist D.Nordale & D.Lee with call-in issues

*00:10:38* Return from the Brief at Ease

*00:10:56* Director Lee and Director Nordale joined the meeting.

- Resolution 2020-05 Term Contracts for Distribution Gas Main Extensions and Service Line Installations RFP **00:11:10**

IGU Director of Operations Mark Rockwell presents. This resolution is a repeated effort from last year to hire horizontal drillers for the Distribution Gas Main Extensions and Service Line Installations. Alaska Directional was the highest scoring contractor with ABC coming in second. It is recommended that IGU hire the top 2 scoring contractors this year to allow for more installations. The budget for this years' service line installations is \$1.3MM. There are about 158 applications for new service lines this year with more applications being turned in daily. The approximate value of each of these contracts is \$250,000, a notice of intent to award has been issued to the two contractors. This Resolution is before the Board this year due to the contracting limit being over (\$150,000) what the GM can approve without the Board's approval. Board discussion and questions.

*0:07:58 Moved by Director Lee to Move to approve Resolution 2020-05 authorizing the General Manager to execute construction agreements for Distribution Gas Main Extensions and Service Line Installations in the Fairbanks North Star Borough per RFP 2020-02 with the amendment of "FY20" to "FY21" within the text of the resolution, 2<sup>nd</sup> by Vice Chair Miller.*

*00:25:17 Roll Call Vote: Nordale-Y, Throop-Y, Wilbur-Y, Wilken-Y, Miller-Y, Lee-Y, Haagenson-Y,  
Motion passed unanimously.*

### III. OLD BUSINESS

- Bond Rating Update **00:26:07**

GM Dan Britton presents a brief update on the status of the Bond Rating showing an updated schedule for the \$10MM Bond Offering, closing in September 2020. IGU Attorney Rene Broker wanted to mention that per the current schedule the IGU FY2020 Audited Financial Statements will be submitted before the Board gets a chance to review it. Board Discussion on possible schedule change.

- COVID-19 Protocol and Update **00:34:05**

GM Dan Britton presents a brief update on COVID-19 and protocols at IGU. IGU's lobby remains closed to customers and with the current spike we continue treating the pandemic with respect. Dan has returned to the office after receiving negative results for COVID-19. Director Lee and Director Nordale are happy to see him back and healthy.

#### IV. OTHER BUSINESS

- Marketing & New Service Report **00:35:40**

GM Dan Britton presents the Marketing Report. The website will be live soon, there was an issue with the move of IGU's server. Once the website is live, mailers will be sent out to targeted areas of potential customers. The new IGU Facebook page is live, and posts are being made weekly. A Virtual Tank Tour is in the works and will be a great tool to highlight everything IGU does to bring natural gas to the Interior.

- Action Items List **00:45:03**

GM Dan Britton presents the action item list and the removal of currently inactive items is discussed.

- Update on Gas Supply Search(public) **00:54:06**

*The Executive Session for the Gas Supply Search will be moved to the end of the meeting after Closing Comments to allow for the public's full participation in the meeting and adjourn the public session immediately after conclusion of the executive session.*

Mary Ann Pease from MAP Consulting presents the public portion of the Gas Supply Search. GM Dan Britton and I will be meeting with the Alaska Department of Natural Resources to see if Royalty In Kind (RIK) gas is a possibility for IGU. This will be the third attempt for IGU to try to get RIK gas. Board discussion and questions.

#### ***Main motion***

***01:01:52 Moved*** by Director Nordale that the Board write a letter to the administration, to the Governor, supporting the allocation of RIK to IGU for two purposes; one to make RIK gas available to the citizens of the interior of Alaska and two; to assist in efforts to reduce air pollution in the Interior as required by law, 2<sup>nd</sup> by Director Lee.

#### ***Discussion/Debate on the Motion***

GM Dan Britton confirmed that on 4/7/2017 IGU & AIDEA did submit a joint request letter to the administration and the Governor requesting RIK gas including issues related to Air Quality and was resent to the Board for their information during this meeting.

***01:19:35 Moved*** by Director Wilken to postpone the vote on the motion to the call of the chair so that the Board can review the 4/7/2017 letter. (there was no 2<sup>nd</sup>)

#### ***Discussion/Debate on the Motion***

***01:27:39 Moved*** by Director Wilken to suspend the debate on the Main Motion, 2<sup>nd</sup> by Director Nordale

**01:28:04 Roll Call Vote:** Throop-N, Wilbur-Y, Wilken-Y, Miller-Y, Lee-N, Nordale-N, Haagenson-Y  
**Motion fails due to lack of 2/3 majority vote.**  
**Debate continues on the motion**

**Amendment**

**01:33:48 Moved** by Vice Chair Miller to submit the 2017 letter during the meeting on Thursday until the board can draft a new letter at a later date, 2nd by Director Wilbur.

**01:35:15 Roll Call Vote on Amendment:** Wilbur-Y, Wilken-Y, Miller-Y, Lee-Y, Nordale-N, Throop-Y, Haagenson-Y  
**Amendment to the motion passes.**

**01:36:26 Roll Call Vote on Main Motion:** Wilken-Y, Miller-Y, Lee-Y, Nordale-Y, Throop-Y, Wilbur-Y, Haagenson-Y  
**Motion passes.**

GM Dan Britton clarifies that the meeting on Thursday will not be in person and will be via Zoom, we will forward the 2017 letter on as a previously submitted request and supported by the IGU Board of Directors.

**V. CORRESPONDENCE**

**VI. REPORTS**

- General Manager **01:38:01**

GM Dan Britton presents his report. IGU is scheduled to present an update to the North Pole City Council on August 3, 2020. Earlier today an update presentation was given during the Fairbanks Chamber of Commerce weekly business luncheon. Board discussion and questions.

- IGU Attorney **01:45:53**

Report provided for your information.

**VII. DIRECTOR REQUESTS FOR IGU INFORMATION 01:46:03**

**Director Lee**

**Question 1.** How is our conversion group working with our installers to nail down homeowner or business costs associated with conversions?

**Answer: GM Dan Britton-** In general we have conversations with the mechanical suppliers to find out if they will offer rebates or incentive programs that IGU could endorse. Currently we offer a list of mechanical contractors and boiler companies to potential customers. Customers can contact Michelle for assistance.

**Question 2.** What would, could, or might happen if IGU became uneconomic? How would we continue to supply gas and management?

**Answer: GM Dan Britton-** The remedies associated with any business failing would be available to IGU such as Bankruptcy. Many things are being done to prevent that, like the finance agreement with AIDEA, attracting new customers, continue to manage operating expense and keeping them as low as possible.

**Question 3.** Why did some Board members vote no on the Budget as presented June 2, 2020?

**Answer: GM Dan Britton-** I do not know the answer as the Board members that voted no did not state their reason for that vote. This is Director questions and answers not comments or statement so I cannot answer that question for you.

**Answer: Chair Haagenson-** In the future on motions, Directors voting no on a motion should articulate clearly during the debate on the motion.

**Question 4:** Is there a way to ask the Directors why they answered no on the vote and add it into the record?

**Answer: IGU Attorney Rene Broker-** The board as a whole could move to reopen the record and state your reasons and supplement them. The board has already taken action on the record and the record has been closed.

## VIII. CLOSING COMMENTS 01:55:58

- Directors

*Vice Chair Miller-* I will not be available for the July 21, 2020 Work Session.

*Director Wilken-* Dan, thank you for the informative presentation to the Chamber today. It would be handy to have a gas pipe in hand for a visual on the next presentation. It has been about two years (June 28, 2018) since IGU & AIDEA got together and signed the FA & PSA. There has been an extraordinary amount of work done since then, thanks to the entire IGU team, Good job.

*Director Wilbur-* I was not able to listen to the Chamber presentation but our president Chris Miller listened in and was very complimentary of the presentation. I just wanted to remind the Directors that during director comments you can say most anything that you want.

*Chair Haagenson-* I agree with Gary, we are moving forward so fast and want to thank the entire IGU team as well.

**02:01:12** Chair Haagenson recommends a motion to Adjourn effective at the end of the Executive Session

**02:01:22 Moved** by Director Wilken to Adjourn effective at the end of the Executive Session, 2<sup>nd</sup> by Director Wilbur.

**Motion passed without objection**

*02:02:24 Moved by Vice Chair Miller to enter into executive session to discuss Gas Supply opportunities, challenges and negotiating strategy; the public knowledge of which would have an immediate impact on the finances of IGU, included parties were the IGU Board of Directors, GM Dan Britton, Gas Supply Consultant Mary Ann Pease and IGU Attorney Rene Broker, 2<sup>nd</sup> by Director Wilken.*

*Motion passed without objection*

VIII. ADJOURNED @ approximately 7:35pm

*Moved to Adjourn by Director Wilken, 2<sup>nd</sup> by Director Wilbur.*





## BOARD OF DIRECTORS WORK SESSION MEETING

Tuesday, July 21, 2020 @ 4:00 P.M.  
100 Cushman Street, Suite 512, Fairbanks, AK

### DRAFT MINUTES

A Telephonic Meeting of the Board of Directors of the Interior Gas Utility was held Tuesday July 22, 2020. IGU Board Chair, Steve Haagenon presiding.

Others in attendance were: Dan Britton (IGU General Manager), Heather Thomas (IGU Secretary), Rene Broker (IGU Attorney), Michelle Hollowell (IGU Customer Service/Conversion Manager), Wesley Smith (IGU Controller), Zach Dameron (IGU Assistant Controller), Mary Ann Pease (MAP Consulting) Jomo Stewart (FEDCO)

#### I. CALL TO ORDER 4:03pm

- Roll call  
Steve Haagenon  
Gary Wilken  
Patrice Lee  
Mary Nordale  
Pamela Throop  
Jack Wilbur  
**Absent:** *Mike Miller-excused absence*
- Approval of Agenda  
**00:01:00 Moved** by Director Wilbur to Approve the Agenda, 2<sup>nd</sup> by Director Lee.  
**Motion passes without objection**
- **Public Comment** – *There were no public comments*

#### II. OTHER BUSINESS

- **Marketing Update 00:02:34**  
GM Dan Britton presents the brief Marketing Update on new service applications received since the last meeting. There have been a total of 61 commercial applications and 120 residential applications with more coming in daily. The current residential and commercial customers numbers are exceeding the Proforma. North Pole numbers are lagging behind but is beginning to pick up due the recent storage site activities and media coverage. Board discussion and questions.
- **Update on Gas Supply Search (public) 00:54:06**  
*The Executive Session for the Gas Supply Search will be moved to the end of the meeting after Closing Comments to allow for the public's full participation in the meeting and adjourn the public session immediately after conclusion of the executive session.*

GM Dan Britton presents the public portion of the Gas Supply Search. The Board was sent the communications that IGU sent to DNR to see if Royalty In Kind (RIK) gas is a possibility for IGU. This will be the third attempt for IGU to try to get RIK gas. Mary Ann Pease with MAP Consulting mentioned she recently received an email to set up a meeting with DNR. Board discussion and questions.

**VI. CORRESPONDENCE 00:17:36**

- **Phase 1 Environmental Assessment for TL-2914**

The Final report is still in review with the engineers and to date there are no issues, once the assessment is final IGU will proceed with the land purchase.

**VI. DIRECTOR REQUESTS FOR IGU INFORMATION 00:18:56**

There were no requests.

**VII. CLOSING COMMENTS 00:19:04**

- **GM Dan Britton**

It was a great weekend for IGU, the two 75,000 gallon storage tanks were successfully moved to the North Pole Storage Site without issue. This is a great step forward for getting gas to North Pole residents.

- **Directors**

*Director Wilken*-Good job on this weekend's move, North Pole getting gas is a reality.

*Director Wilbur*-Likewise, encouraged on the progress we are making not only with the activities this weekend but also with the applications and calls we are receiving.

*Director Lee*-Good job on getting things moved safely to North Pole, it is good to see the timeline moving faster than we thought it was going to.

*Chair Haagenson*- Good job on the move and I hope this will get more North Pole applications in.

**00:23:03** Chair Haagenson recommends a motion to Adjourn effective at the end of the Executive Session

**00:23:09 Moved** by Director Wilken to Adjourn effective at the end of the Executive Session, 2<sup>nd</sup> by Director Wilbur.

***Motion passed without objection***

**00:23:48 Moved** by Director Wilbur to enter into executive session to discuss Gas Supply opportunities, challenges and negotiating strategy; the public knowledge of which would have an immediate impact on the finances of IGU, included parties were the IGU Board of Directors, GM Dan Britton, Gas Supply Consultant Mary Ann Pease and IGU Attorney Rene Broker, 2<sup>nd</sup> by Director Wilken.

***Motion passed without objection***

**VIII. ADJOURNED @ approximately 7:00pm**

# Approval of Financials

7/28/2020



Finance Committee Meeting  
Tuesday, July 28, 2020 @ 12:00 PM  
3408 International Street, Fairbanks, AK

**Draft AGENDA**

*To participate via teleconference & ZOOM call:  
1-253-215-8782; when prompted, enter Meeting ID:  
850 6889 8555, Password: 128835*

\*Given the ongoing COVID-19 concerns this meeting will be held telephonically only.  
Packets will be available to the public outside the door of the IGU Office\*

**I. CALL TO ORDER**

- Roll call
- Approval of Agenda
- Approval of Minutes – June 23<sup>rd</sup>, 2020

Join Zoom Meeting  
<https://us02web.zoom.us/j/85068898555?pwd=TjhWSEtZeFZ5bWNrekVpays3WTYwQT09>

1-253-215-8782

**Meeting ID:** 850 6889 8555

**Password:** 128835

**II. MONTHLY FINANCIALS**

- Statement of Revenues, Expenses and Changes in Net Position with Budget Comparison  
June 2020 .....Page 00
- Board of Directors Dashboard Report – June 2020 .....Page 00

**IV. PROJECT FINANCING** (Discussion as needed)

**V. CLOSING COMMENTS**

**VI. ADJOURNMENT**



## Interior Gas Utility FINANCE COMMITTEE MEETING

June 23<sup>rd</sup>, 2020 @ 12:00 PM  
3408 International Street, Fairbanks, Alaska

### DRAFT MINUTES

#### I. Call to Order @ 12:00 PM – Chair Wilbur

- **Roll Call:** Jack Wilbur, Mike Miller, David Durham  
**Also, present:** Wes Smith, GM Dan Britton, Heather Thomas, Zach Dameron  
**Absent:** Doug Bishop

**12:04pm Motion to approve the Agenda:** Moved by Mike and 2<sup>nd</sup> by David  
**Motion approved by unanimous consent.**

**12:05pm Motion to approve the 5/26/2020 Minutes:** Moved by Mike and 2<sup>nd</sup> by David  
**Motion approved by unanimous consent.**

#### II. Monthly Financials 12:06pm:

- **Consolidated IGU Revenues-** Wes presents. The Small Commercial and the Hospital revenue was higher than budgeted in the cumulative. The Small Commercial formula was off which explained the increase. The Hospital decided to use gas this time of year and did not last year without a known reason. May was also slightly warmer than budgeted. Higher gas sales increased the Natural Gas purchases and were \$105K over budget. Gas Liquefaction expenses were \$8K over budget due to higher than budgeted cost of system gas resulting from increased production. Fairbanks Distribution Operations expense was \$15K over budget due to still employing a temporary employee that was not originally budgeted. This is the first year of data for SS III so the Fairbanks Storage & Vaporization Operations Expenses were \$15K over budget due to electricity and operating expenses. Administrative and General Expenses were \$71K over budget due to a time difference as well as using additional Bond Support, , MAP Consulting Services, Stantec Services, and an Insurance increase.
- **Consolidated Detailed IGU Expenses-** Wes presents. Gas Liquefaction Expenses- Maintenance was \$6K under budget for the Cascade maintenance due to a timing difference. Gas Liquefaction Expenses-Cost of System Gas was \$30K over budget due to higher than budgeted gas usage for Liquefaction due to increased sales and inventory buildup. Fairbanks Storage and Vaporization Operations for SS I, SS II and SS III, Gas Usage Expense was \$9K under budget. The amount of gas gasified at each site and sales will affect the actual and budgeted numbers for this expense. Fairbanks Storage and Vaporization Operations for SS II and SS III Electricity expense was \$16K over budget due to the site being new and under budgeting. As more data is recorded for SS III, next years expenses will be more on target. Fairbanks Storage and Vaporization Operations - SS III – Salaries & Wages expense was \$8K over budget due to operations offloading trailers and continued commissioning

activities. Administrative and General Expenses – Salaries & Wages – Management was under budget by \$14K which is a correction to last months overage. Administrative and General Expenses – Outside Services General was \$58K over budget due to using additional Bond Support, MAP Consulting Services, Stantec Services, AIDEA Loan support services and the Siemens negotiations. Administrative and General Expenses –Property & Liability insurance expense was \$27K over budget due to underestimating the cost of insurance for this year.

**12:19pm Motion to recommend that the Board of Directors accept the May financials as presented.** Moved by Mike and 2<sup>nd</sup> by David.  
**Motion accepted by unanimous consent.**

- **BOD Dashboard Report-** GM Dan Britton reminded the committee that LNG Inventory was added to the Dashboard Report.
- **Cost of Inventory-** Chair Wilbur previously sent a question to Dan about the valuation of Inventory, a spreadsheet was prepared for discussion. Wes gives an overview of the cost of Inventory and how it is calculated. Committee Discussion and questions.

**III. PROJECT FINANCING 12:32pm**

- GM Dan Britton gives a brief update on the status of the smaller Bond offering.

**IV. CLOSING COMMENTS 12:33pm**

**V. Adjourned @ 12:34pm – Motion to Adjourn:** Moved by Mike and 2<sup>nd</sup> by David.  
**Motion approved by unanimous consent.**

**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	<b>Interior Alaska Natural Gas Utility</b>	<b>Interior Alaska Natural Gas Utility</b>	<b>(Variance)</b>	<b>Footnote</b>
	(Actual)	(Budget)		
<b>Assets and Deferred Outflows of Resources</b>				
Property, plant and equipment				
Gas plant in service, at cost	45,113,386	45,407,839	(294,453)	
Less: Accumulated provision for depreciation	4,499,935	4,554,438	(54,503)	
Net plant in services	40,613,451	40,853,402	(239,950)	
Gas plant held for future use, at cost	39,234,591	39,234,591	0	
Construction work in progress	69,449,111	75,197,135	(5,748,024)	
Net property, plant and equipment	149,297,154	155,285,128	(5,987,975)	(a)
Current assets				
Cash	7,649,364	5,055,215	2,594,149	(b)
Investments	541,341	536,233	5,107	
Accounts receivable, net	581,207	562,279	18,929	(c)
Accounts receivable - affiliates	0	0	0	
Liquified natural gas inventory	1,777,799	2,528,322	(750,523)	(d)
Materials and supplies inventory	831,825	1,223,074	(391,249)	(e)
Deposits and other current assets	582,134	340,076	242,058	(f)
Total current assets	11,963,669	10,245,199	1,718,470	
Deferred outflows of resources				
Gas plant acquisition adjustment, net of amortization	8,048,037	8,048,037	(0)	
<b>Total assets and deferred outflows of resources</b>	<b>169,308,860</b>	<b>173,578,364</b>	<b>(4,269,504)</b>	
<b>Liabilities and Net position</b>				
Current liabilities				
Current maturities of long-term debt	328,836	328,836	0	
Accrued wages and burden	251,067	184,404	66,663	(g)
Accounts payable	767,882	403,376	364,506	(h)
Accounts payable - subsidiaries	0	0	0	
Construction payables	1,983,148	1,103,670	879,478	(i)
Accrued interest	0	6,570	(6,570)	
Other current and accrued liabilities	82,432	15,660	66,772	(j)
Total current liabilities	3,413,364	2,042,516	1,370,848	
Noncurrent liabilities				
Accumulated deferred compensation	541,341	536,233	5,107	
Long-term debt, less current maturities				
AIDEA term loan	125,287,471	125,000,000	287,471	(k)
FNSB- Line of credit	0	5,772,261	(5,772,261)	(l)
Land contract - GVEA	1,798,126	1,798,126	0	
Equipment loans payable	534,695	534,695	0	
Total noncurrent liabilities	128,161,633	133,641,315	(5,479,682)	
Net position				
Net investment in capital assets	48,046,739	46,642,100	1,404,639	
Unrestricted	(10,312,876)	(8,747,567)	(1,565,309)	
Total net position	37,733,863	37,894,533	(160,670)	
<b>Total liabilities and net position</b>	<b>169,308,860</b>	<b>173,578,364</b>	<b>(4,269,504)</b>	

**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Footnote	(YTD) Interior Alaska Natural Gas Utility (Actual)	(YTD) Interior Alaska Natural Gas Utility (Budget)	(Variance)
<b>STATEMENT OF OPERATIONS</b>							
Mcf:							
Residential	1,489	1,219	270	(m)	60,800	57,867	2,933
Small commercial	8,662	9,651	(989)	(n)	390,932	346,998	43,935
Large commercial	4,772	5,499	(727)	(o)	213,401	203,302	10,099
Interruptible - small	2,195	4,325	(2,130)	(p)	73,096	68,803	4,293
Interruptible - large	649	533	116		44,731	41,162	3,569
Hospital	6,108	0	6,108	(q)	39,918	35,724	4,193
UAF	0	0	0		5,354	0	5,354
TKA commercial gas	547	1,011	(464)	(r)	9,170	9,609	(438)
Total Mcf	24,421	22,238	2,184		837,401	763,464	73,937
HDD	173	141	32		13,646	13,431	215
<b>Operating revenues</b>							
Residential gas revenues	31,060	25,369	5,691	(m)	1,265,357	1,204,203	61,155
Small commercial gas revenues	179,785	200,358	(20,573)	(n)	8,115,722	7,203,676	912,045
Large commercial gas revenues	98,789	113,829	(15,041)	(o)	4,417,465	4,208,351	209,114
Interruptible - Small	43,962	86,630	(42,668)	(p)	1,464,111	1,378,124	85,987
Interruptible - Large	10,704	9,328	1,376		749,618	720,335	29,283
Hospital gas revenues	100,777	0	100,777	(q)	664,796	625,175	39,621
UAF gas revenues	0	0	0		90,279	0	90,279
TKA commercial gas revenues	9,571	17,686	(8,115)	(r)	159,607	168,149	(8,542)
Service Charge Revenues	27,236	25,578	1,658		318,076	313,745	4,331
Other Revenue	6,392	2,500	3,892		20,870	30,000	(9,130)
Total operating revenues	508,275	481,278	26,998		17,265,902	15,851,758	1,414,144
<b>Operating expenses</b>							
Natural gas purchases	202,090	186,603	(15,486)	(s)	7,374,935	6,400,325	(974,610)
Trucking Expenses	52,079	54,772	2,693		1,960,199	1,856,747	(103,452)
Electricity	29,816	26,481	(3,335)		1,009,804	859,396	(150,408)
Gas liquefaction expenses	16,072	107,391	91,319	(t)	1,875,091	1,711,411	(163,680)
Fairbanks distribution operations	38,029	29,153	(8,876)	(u)	357,120	342,341	(14,779)
Fairbanks distribution maintenance	12,101	7,652	(4,449)		79,051	91,830	12,779
Fairbanks storage & vaporization operations	45,720	29,602	(16,119)	(v)	452,149	424,514	(27,635)
Fairbanks storage & vaporization maintenance	2,074	7,313	5,240	(w)	54,741	86,740	31,999
Engineering	15,772	21,010	5,238	(x)	192,815	252,117	59,302
Talkeetna maintenance	316	696	380		13,359	8,350	(5,009)
Customer services	59,297	23,126	(36,171)	(y)	310,908	281,200	(29,709)
Fairbanks operations	562	491	(71)		6,463	5,890	(573)
Big Lake operations	1,314	1,398	84		16,291	16,777	487
Administration and general expenses	272,512	261,441	(11,071)	(z)	2,916,706	2,654,692	(262,014)
Interest expense	2,652	14,323	11,671	(aa)	35,169	73,393	38,224
Depreciation	218,802	222,920	4,118		2,634,559	2,687,576	53,017
Total operating expenses	969,208	994,372	25,165		19,289,359	17,753,298	(1,536,062)
Operating income (loss)	(460,932)	(513,094)	52,162		(2,023,458)	(1,901,540)	(121,918)
<b>Non operating income (expense)</b>							
Gain (loss) from disposition of property, plant and equipment	0	0	0		100	0	100
Interest and dividend income	559	0	559		6,340	0	6,340
Other income (expense)	(3,621)	200	(3,821)		56,364	2,400	53,964
Other income - transfer in	0	0	0		0	0	0
Other income - transfer out	0	0	0		0	0	0
Total non operating income (expense)	(3,062)	200	(3,262)		62,803	2,400	60,403
Change in net position	(463,994)	(512,894)	48,900		(1,960,654)	(1,899,140)	(61,515)
Net position beginning of period/year	38,197,857	38,407,427	(209,570)		39,694,517	39,793,672	(99,156)
Net position - end of period	37,733,863	37,894,533	(160,670)		37,733,863	37,894,533	(160,670)
EBITDA	(242,540)	(275,652)	33,111		709,073	861,829	(152,756)



**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Footnote	(YTD) Interior Alaska Natural Gas Utility (Actual)	(YTD) Interior Alaska Natural Gas Utility (Budget)	(Variance)
<b>STATEMENT OF CASH FLOWS</b>							
Increase (Decrease) in Cash							
<b>Cash flows from operating activities</b>							
Cash received from customers	(63,873)	862,736	(926,609)		15,859,162	15,852,144	7,018
Cash paid to suppliers, employees	(837,489)	(1,006,886)	169,397		(16,441,144)	(17,368,977)	927,832
Interest and dividends received	559	0	559		6,340	0	6,340
Net cash provided by (used in) operating activities	(900,803)	(144,150)	(756,653)		(575,642)	(1,516,832)	941,190
<b>Cash flows from capital and related financing activities</b>							
Proceeds from issuance of long-term debt	0	1,103,670	(1,103,670)		21,268,194	25,004,724	(3,736,530)
Cash received from transfers in from other agencies	(5,000)	0	(5,000)		0	0	0
Cash paid from transfers out to other agencies	0	0	0		0	0	0
Principal payments on long-term debt	(14,117)	(14,117)	0		(166,053)	(166,053)	0
Interest paid	(2,652)	(11,992)	9,340		(35,169)	(66,824)	31,655
Proceeds from disposal of assets	0	0	0		100	0	100
Purchase of property, plant and equipment	(267,744)	0	(267,744)		(630,309)	(386,590)	(243,719)
<b>Financing capital, long-term debt, uses:</b>							
Purchase of inventory for future customer services	(118,272)	0	(118,272)		(345,216)	(750,016)	404,800
Construction work in progress (Distribution)	417,864	(171,166)	589,030		231,369	(472,332)	703,701
Construction work in progress (Storage)	(269,194)	(932,504)	663,310		(17,556,262)	(23,898,930)	6,342,667
Construction work in progress (Liquefaction)	0	0	0		(441,630)	0	(441,630)
Net cash provided by (used in) capital and related financing activities	(259,115)	(26,109)	(233,006)		2,325,024	(736,020)	3,061,044
<b>Cash flows from investing activities</b>							
Purchase of marketable securities	(50,008)	(50,000)	(8)		(53,434)	(50,000)	(3,434)
Net cash provided by (used in) investing activities	(50,008)	(50,000)	(8)		(53,434)	(50,000)	(3,434)
Net increase (decrease) in cash	(1,209,926)	(220,259)	(989,668)		1,695,947	(2,302,852)	3,998,799
Cash at beginning of period	8,859,290	5,275,474	3,583,816		5,953,417	7,358,067	(1,404,651)
Cash at end of period	7,649,364	5,055,215	2,594,149		7,649,364	5,055,215	2,594,149
<b>Operating activities:</b>							
Net income/(loss) for the period	(528,562)	(518,119)	(10,443)		(2,029,079)	(1,901,540)	(127,539)
Adjustments to reconcile net income to net cash provided by (used in) operating activities:							
Depreciation and amortization	218,802	222,920	(4,118)		2,634,558	2,687,576	(53,017)
Interest and dividend income	559	0	559		6,340	0	6,340
Other income (expense)	374	200	174		61,985	2,400	59,585
Other income - transfer in (out)	0	0	0		0	0	0
Interest paid	2,652	14,323	(11,671)		35,169	73,393	(38,224)
(Increase) decrease in assets							
Accounts receivable, net	262,378	213,451	48,927		(73,953)	(33,100)	(40,853)
Accounts receivable - affiliates	0	0	0		0	0	0
LNG inventory	(399,893)	2,556	(402,449)		(1,378,135)	(2,124,661)	746,526
Materials & supplies inventory	13,852	0	13,852		13,852	0	13,852
Deposits & other current assets	56,244	15,772	40,472		(236,040)	3,245	(239,285)
(Increase) decrease in liabilities							
Accumulated deferred compensation	50,008	50,000	8		53,434	50,000	3,434
Accrued wages & burden	8,566	(5,901)	14,467		38,229	(6,316)	44,545
Accounts payable	(656,142)	(122,154)	(533,988)		233,542	(267,830)	501,372
Accounts payable - affiliates	0	0	0		0	0	0
Other current & accrued liabilities	70,358	(17,198)	87,556		64,455	0	64,455
Net cash provided by (used in) operating activities	(900,803)	(144,150)	(756,653)		(575,642)	(1,516,832)	941,190



**Variance to Budget Footnotes - Financial Statements**  
**June 30, 2020**

(a) - Utility Plant was \$6.0MM under budget largely due to timing differences between actual project costs and budgeted project costs.

(\$ in thous)	Actual	Budget	Variance
Beginning Utility Plant net of accumulated depreciation, July 1, 2019	\$ 133,331	\$ 135,873	\$ (2,542)
Capital Additions			
Budgeted capital projects	145	387	(242)
Construction Work in Progress - distribution and services	270	472	(202)
Construction Work in Progress - Site III Fairbanks storage	13,899	12,245	1,654
Construction Work in Progress - Site IV North Pole storage	3,541	8,393	(4,852)
Land purchase - Site IV North Pole storage	2,171	2,170.537	-
Construction Work in Progress - Titan II project	442	300	142
Accumulated depreciation	(4,500)	(4,554)	55
Ending Utility Plant net of accumulated depreciation, June 30, 2020	<u>\$ 149,297</u>	<u>\$ 155,285</u>	<u>\$ (5,988) <sup>1</sup></u>

(b) - Cash was \$2.6MM<sup>1</sup> higher than budgeted. Management expected the cash to be \$5MM over budget due to \$4MM in SETS loan proceeds being deposited that was not budgeted and we were also expecting a \$2.5MM deposit that we did not receive for loan proceeds associated with the IEP projects prior to June 30, 2020. Year to date cash activities were as follows at June 30, 2020:

(\$ in thous)	Actual	Budget	Variance
Beginning cash, July 1, 2019	\$ 5,953,417	\$ 7,358,067	\$ (1,404,651)
Net Increase/(Decrease) resulting from the following:			
Cash flows from operating activities	(575,642)	(1,516,832)	941,190
Cash flows capital and related financing activities	2,325,024	(736,020)	3,061,044
Cash flows from investing activities	(53,434)	(50,000)	(3,434)
Ending cash, June 30, 2020	<u>\$ 7,649,364</u>	<u>\$ 5,055,215</u>	<u>\$ 2,594,149 <sup>1</sup></u>

(c) - Accounts receivable was \$19K higher than budget due to gas sales being \$27K greater than budgeted. The days receivable outstanding for the month was 34 days compared to the budget of 30 days.

(\$ in thous)	Actual	Budget	Variance
Beginning accounts receivable, June 1, 2019	\$ 919	\$ 851	\$ 68
Addition - Billings	508	481	27
Payments received on account	(771)	(695)	(76)
Less allowance for doubtful accounts	(75)	(75)	-
Ending accounts receivable, June 30, 2019	<u>\$ 581</u>	<u>\$ 562</u>	<u>\$ 19 <sup>1</sup></u>

(d) - LNG inventory was \$751K under budget. We continue delivering excess LNG production capacity into Storage Site III.

(e) - Materials and supply inventory was \$391K under budget due to a timing difference of actual purchasing of pipe and service materials versus budgeted purchasing of pipe and service materials for the 2020 summer construction activities.



**Variance to Budget Footnotes - Financial Statements**  
**June 30, 2020**

(f) - Deposits and other current assets were \$242K higher than budget due to prepaid insurance cost was \$331K higher than budgeted for the year.

(\$ in thous)	Actual	Budget	Variance
Beginning deposits and other current assets, June 1, 2020	\$ 638,378	\$ 355,848	\$ 282,529
<u>Additions</u>			
Prepaid Expenses:			
Insurance and operating expenses	39,329	38,029	1,300
<u>Reductions</u>			
Prepaid Expenses:			
Insurance and operating expenses	(95,573)	(53,801)	(41,772)
Ending deposits and other current assets, June 30, 2020	<u>\$ 582,134</u>	<u>\$ 340,076</u>	<u>\$ 242,058 <sup>1</sup></u>

(g) - Accrued wages & burden were \$67K over budget due to a timing difference between budgeted and actual accrued PTO. Current policy to account for PTO pay is based on hours worked during current year adjusted for total hours of PTO used in the current year. During the budget process there is no annual PTO schedule available to reliably budget when PTO will be used. This situation cause periodic timing differences.

(h) - Accounts payable was \$364K<sup>1</sup> over budget largely do to timing difference between actual and budgeted payables. The days payable outstanding for the month was 26 days compared to the budget of 30 days. The current policy for accounts payables is to pay all payables per Vendor terms. If Vendor terms are not available, we set the terms at "Net 30 days".

(\$ in thous)	Actual	Budget	Variance
Beginning accounts payable, June 1, 2020	\$ 1,424,024	\$ 525,531	\$ 898,493
<u>Additions</u>			
Vendor purchases	1,115,937	\$ 403,376	712,560
<u>Reductions</u>			
Payments to vendors	(1,772,079)	(525,531)	(1,246,548)
Ending accounts payable, June 30, 2020	<u>\$ 767,882</u>	<u>\$ 403,376</u>	<u>\$ 364,506 <sup>1</sup></u>

(i) - Construction payables were \$879K over budget due to a timing difference between actual project costs and budgeted project cost related to the completion of the 5.25 storage project and the continued efforts for the North Pole storage project.

(j) - Other current and accrued liabilities were \$67K higher than budgeted due to a year end temporary adjustment for "Due to Customers". This account carries budget pay balances.

(k) - AIDEA term loan was \$287K higher than budget. The AIDEA term loan authorization changed during the fiscal year. The term loan authorization has been increased twice during the year in the amounts of \$10MM and \$4MM. The new authorization level is \$139MM.

(l) - FNSB - Line of credit was \$5.8MM under budget. It was determined during the year that the line of credit was not necessary and the agreement was terminated between IGU and FNSB.



**Variance to Budget Footnotes - Financial Statements**  
**June 30, 2020**

(m) - Residential revenue was \$6K<sup>1</sup> higher than budgeted largely due to cooler weather than budgeted and may be an indication of resident stay home or working from home as a result of COVID-19. Heating Degree Days (HDD) were higher than budgeted for the month. Actual HDD was 173 versus 141 in the budget. (HDD = a measure of how much (in degrees), and for how long (in days), outside air temperature was lower than a specific "base temperature" (or "balance point")). The base temperature that is used for our calculation is 65 degrees F. The HDD used in the budget is based on a 22 year average of HDD. There were 30 days in the billing cycle for June.

	Actual	Budget	F (U) Variance
Total Mcf gas sales	1,489	1,219	270
Rate per Mcf	\$ 20.86	\$ 20.81	\$ -
Residential gas billings for June 2020	<u>\$ 31,060</u>	<u>\$ 25,369</u>	<u>\$ 5,691</u> <sup>1</sup>

The following schedule represents how residential revenue is derived in the budget process.

	Budget
HDD	141
Base	1.69
Per DD	0.007
Customers	446
Total Mcf per month ((Base+(PerDD*HDD))*Customers)	<u>1,219</u>
Total Mcf per month	1,219
Rate per Mcf	\$ 20.81
Residential gas sales for June 2020	<u>\$ 25,369</u>

(n) - Small Commercial revenue was \$21K<sup>1</sup> lower than budgeted.

	Actual	Budget	F (U) Variance
Total Mcf gas sales	8,662	9,651	(989)
Rate per Mcf	\$ 20.76	\$ 20.76	\$ -
Small commercial revenue	\$ 179,785	\$ 200,358	\$ (20,573)
Billing allowances	-	-	-
Small Commercial gas sales for June 2020	<u>\$ 179,785</u>	<u>\$ 200,358</u>	<u>\$ (20,573)</u> <sup>1</sup>

(o) - Large Commercial revenue was \$15K<sup>1</sup> lower than budget. The average temperature in June 2020 and 2019 was 59.3° F and 63.1° F respectively. Actual customer count was 32 compared to the budget at 32 customers. Large Commercial revenue budget is not based on HDD but historical data that has been accumulated for each customer.

	Actual	Budget	F (U) Variance
Total Mcf gas sales	4,772	5,499	(727)
Rate per Mcf	\$ 20.70	\$ 20.70	\$ -
Large commercial revenue	\$ 98,789	\$ 113,829	\$ (15,041)
Billing allowances	-	-	-
Large Commercial gas sales for June 2020	<u>\$ 98,789</u>	<u>\$ 113,829</u>	<u>\$ (15,041)</u> <sup>1</sup>



**Variance to Budget Footnotes - Financial Statements**  
**June 30, 2020**

(p) - Interruptible - Small revenue was \$43K<sup>1</sup> lower than budget largely due to customers doing business in the hospitality industry not using gas do to the COVID-19 pandemic. Interruptible - Small revenue budget is not based on HDD. Interruptible - Small revenue budget is calculated based on historical usage data that has been accumulated for the expected customer base.

	Actual	Budget	F (U) Variance
Total Mcf gas sales	2,195	4,325	(2,130)
Rate per Mcf	\$ 20.03	\$ 20.03	\$ -
Interruptible gas sales for June 2020	<u>\$ 43,962</u>	<u>\$ 86,630</u>	<u>\$ (42,668) <sup>1</sup></u>

(q) - Hospital revenue was \$101K higher than budgeted due to the Hospital using and was not budgeted during this time period.

	Actual	Budget	F (U) Variance
Total Mcf gas sales	6,108	0	6,108
Rate per Mcf	\$ 16.50	\$ -	\$ 16.50
Hospital gas sales for June 2020	<u>\$ 100,777</u>	<u>\$ -</u>	<u>\$ 100,777 <sup>1</sup></u>

(r) - Talkeetna Lodge revenue was \$8K lower than budgeted due to the travel restrictions slowing the inflow of tourist into the State of Alaska caused by the COVID-19 pandemic.

(s) - Natural gas purchases were \$16K over budget for June due to higher gas sales.

(t) - Gas liquefaction expenses were \$91K under budget due to a year-end adjustment to Cost of System gas. We are including LNG Plant system gas in the inventory valuation. The system gas includes gas used in the large motors, boilers and other processes used in the production of LNG.

(u) - Fairbanks distribution operations expense was \$9K over budget largely due to \$5k of temporary wages that were not budgeted and various other expense item.

(v) - Fairbanks storage & vaporization operations expense was \$16K over budget largely due to labor expenses related to Storage Site III.

(w) - Fairbanks storage & vaporization maintenance expense was \$5K under budget due to expenses budgeted for the year did not materialize as expected. The department was \$32K under budget for the year.

(x) - Engineering expense was \$5K under budget largely due to expenses budgeted for the year did not materialize as expected. The department was \$59K under budget for the year

(y) - Customer Services expense was \$36K over budget largely due to annual write-off of uncollectable accounts.

(z) - Administration and general expenses were \$11K over budget for the month largely due to increased cost of insurance that was not budgeted.

(aa) - Interest expense was \$12K under budget due to not utilizing the FNSB line of credit.

**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Note	YTD Interior Alaska Natural Gas Utility (Actual)	YTD Interior Alaska Natural Gas Utility (Budget)	(Variance)
Schedule of Detailed Expenses							
Natural gas purchases							
Cost of gas	202,090	186,603	(15,486)		7,374,935	6,400,325	(974,610)
Trucking expenses	52,079	54,772	2,693		1,960,199	1,856,747	(103,452)
Electricity	29,816	26,481	(3,335)		1,009,804	859,396	(150,408)
Total Natural gas purchases	283,984	267,856	(16,128)		10,344,938	9,116,467	(1,228,471)
Gas liquefaction expenses							
Communications	436	401	(35)		4,779	4,811	32
Utilities	4,245	2,901	(1,344)		51,200	47,552	(3,648)
Other Expenses	41	538	497		2,244	6,461	4,218
Training materials	1,884	370	(1,514)		2,014	4,439	2,425
Safety material	1,477	953	(524)		8,552	11,435	2,882
Freight expense	37	1	(36)		37	15	(22)
Yard maintenance	682	319	(363)		2,519	3,828	1,309
Maint - Structure materials	0	110	110		59	1,321	1,262
Maint - Equipment materials	452	839	387		9,220	10,067	848
Maint - Turbo expander	0	2,500	2,500		25,580	30,000	4,420
Maint - BTB 1	1,702	5,050	3,348		123,710	60,600	(63,110)
Maint - BTB 2	2,056	5,217	3,160		100,617	62,600	(38,017)
Maint - Amine and glycol	0	1,531	1,531		20,137	18,374	(1,763)
Maint - Cascade	6,530	7,167	636		176,916	86,000	(90,915)
Maint - Boost compressor	0	625	625		2,650	7,500	4,850
Maint - Feed gas compressor	890	5,417	4,527		51,168	65,000	13,832
Maint - Skid process	4,224	717	(3,507)		8,535	8,601	66
Maint - Transport materials	(17,542)	195	17,737	(1)	0	2,344	2,344
Maint - Transport T-2	427	458	31		860	5,500	4,640
Maint - Transport T-4	275	458	183		625	5,500	4,875
Maint - Transport T-6	325	458	133		1,239	5,500	4,261
Maint - Transport T-7	0	458	458		972	5,500	4,528
Maint - Transport T-8	1,385	458	(927)		4,109	5,500	1,391
Maint - Transport T-9	287	458	171		4,121	5,500	1,379
Maint - Transport T-10	194	458	264		4,124	5,500	1,376
Maint - Transport T-13	356	458	103		2,727	5,500	2,773
Maint - Transport T-14	194	458	264		5,036	5,500	464
Maint - Transport T-15	506	458	(48)		4,455	5,500	1,045
Maint - Transport T-16	356	458	103		2,906	5,500	2,594
Maint - Transport T-17	0	458	458		0	5,500	5,500
Maint - Transport T-18	0	458	458		0	5,500	5,500
Maint - Transport T-19	49	458	409		2,444	5,500	3,056
Maint - Transport T-20	4,167	208	(3,959)		3,919	2,500	(1,419)
Maint - Transport T-21	913	208	(704)		4,083	2,500	(1,583)
Maint - Transport T-22	396	208	(188)		2,468	2,500	32
Maint - Transport Unallocated	14,398	542	(13,856)	(2)	19,971	6,500	(13,471)
Maint - Other equip materials	0	1,433	1,433		10,876	17,200	6,325
Maint - Light truck	432	167	(265)		2,205	2,000	(205)
Maint - Heavy equip	0	558	558		4,862	6,694	1,833
Maint - Small tools	50	245	196		6,338	2,945	(3,393)
Maint - T800s - Tractors	0	625	625		4,150	7,500	3,350
Maint - Shop consumables	2,726	1,667	(1,059)		17,579	20,000	2,421
Cost of system gas	(62,704)	14,386	77,089	(3)	618,818	582,606	(36,212)
Salaries & Wages	39,417	41,427	2,010		493,252	497,120	3,868
Salaries & Wages - Overtime	3,593	3,432	(161)		46,702	41,184	(5,518)
Employee benefits	1,216	1,018	(199)		16,316	12,214	(4,102)
Total Gas liquefaction expenses	16,072	107,391	91,319		1,875,091	1,711,411	(163,680)



**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Note	YTD Interior Alaska Natural Gas Utility (Actual)	YTD Interior Alaska Natural Gas Utility (Budget)	(Variance)
Schedule of Detailed Expenses							
Fairbanks distribution operations							
Dist Ops - Mains materials	121	583	462		121	3,500	3,379
Dist Ops - Meter material	(114)	667	780		4,013	4,000	(13)
Dist Ops - Customer site	0	0	0		1,380	0	(1,380)
Dist Ops - Office and computers	260	350	90		5,059	4,202	(857)
Dist Ops - Training materials	2,697	4,125	1,428		6,630	49,500	42,870
Dist Ops - Safety materials	1,877	659	(1,218)		12,407	7,908	(4,499)
Dist Ops - Transportation fuel	3,243	1,446	(1,796)		24,050	17,357	(6,693)
Dist Ops - Outside services	(2,991)	42	3,033		10,426	500	(9,926)
Dist Ops - Lease R.O.W.	373	267	(105)		2,973	3,209	237
Salaries & Wages - Supervision	6,246	7,126	880		67,375	83,171	15,796
Salaries & Wages - Mains	1,213	16	(1,197)		3,663	190	(3,473)
Salaries & Wages - Patrolling	1,746	42	(1,704)		6,275	504	(5,771)
Salaries & Wages - Locating	2,237	815	(1,421)		16,821	9,783	(7,037)
Salaries & Wages - System pressures	0	153	153		923	1,836	913
Salaries & Wages - Office	2,739	2,124	(615)		21,660	19,365	(2,295)
Salaries & Wages - Odorant route	117	270	153		3,071	3,245	175
Salaries & Wages - Meters	1,343	888	(455)		8,025	10,657	2,632
Salaries & Wages - Training	4,571	793	(3,777)		20,652	9,519	(11,132)
Salaries & Wages - Safety	173	746	573		7,189	8,953	1,764
Salaries & Wages - Snow removal	0	1,236	1,236		342	14,832	14,490
Salaries & Wages - P.T.O.	432	2,594	2,162		19,030	31,129	12,099
Salaries & Wages - Holidays	1,473	0	(1,473)		7,864	8,458	594
Salaries & Wages - Overtime	602	1,788	1,186		4,531	21,454	16,923
Temporary Staffing	4,909	0	(4,909)		51,219	0	(51,219)
Salaries & Wages - On call	4,413	1,745	(2,667)		45,406	20,944	(24,461)
Employee benefits	352	677	325		6,018	8,125	2,106
Total Fairbanks distribution operations	38,029	29,153	(8,876)		357,120	342,341	(14,779)
Fairbanks distribution maintenance							
Dist Maint - S&I - Materials	0	0	0		0	0	0
Dist Maint - S&I Yard Clean Up	300	63	(238)		2,613	750	(1,863)
Dist Maint - Main Materials	5	250	245		45	3,000	2,955
Dist Maint - Services Material	0	104	104		220	1,250	1,030
Dist Maint - Meter/Reg Material	3,786	83	(3,703)		6,198	1,000	(5,198)
Dist Maint - Equip Materials	112	133	22		8,083	1,600	(6,483)
Dist Maint - Light Truck	2,266	977	(1,289)		16,392	11,723	(4,669)
Dist Maint - Heavy Equip	313	833	520		3,303	10,000	6,697
Dist Maint - Small Tools	35	100	65		1,132	1,201	69
Dist Maint - Shop Consumables	1,534	601	(933)		9,230	7,210	(2,020)
Dist. Maint - CNG Comp	0	23	23		0	275	275
Salaries & Wages - Struct. & Improv.	1,356	0	(1,356)		6,318	0	(6,318)
Salaries & Wages - Yard	48	689	641		7,550	8,267	717
Salaries & Wages - Shop	87	515	428		2,372	6,180	3,808
Salaries & Wages - Mains	240	1,295	1,055		2,482	15,538	13,055
Salaries & Wages - Dist Valves Labor	0	75	75		609	902	293
Salaries & Wages - Line Hit Labor	0	199	199		1,341	2,388	1,046
Salaries & Wages - Locate	0	188	188		1,464	2,255	791
Salaries & Wages - Services	283	513	230		1,172	6,150	4,979
Salaries & Wages - Meter	1,335	280	(1,056)		3,857	3,355	(502)
Salaries & Wages - Equipment	401	478	77		3,335	5,738	2,403
Salaries & Wages - OT	0	254	254		1,334	3,048	1,714
Total Fairbanks distribution maintenance	12,101	7,652	(4,449)		79,051	91,830	12,779

**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Note	YTD Interior Alaska Natural Gas Utility (Actual)	YTD Interior Alaska Natural Gas Utility (Budget)	(Variance)
Schedule of Detailed Expenses							
Storage & vaporization operations							
Storage Site I							
SS I - Communications	168	81	(88)		2,009	968	(1,041)
SS I - Outside Ser. - General	0	708	708		2,872	8,500	5,628
SS I - Utilities - Other	113	146	33		1,239	1,748	509
SS I - Supplies & Materials	0	33	33		35	396	361
SS I - Safety & Signage	0	74	74		352	888	536
SS I - Gas Usage	1,561	3,964	2,402		85,250	111,194	25,944
SS I - Electricity	1,040	2,692	1,652		22,926	23,674	748
SS I - Salaries & Wages - Supervision	0	17	17		0	209	209
SS I - Salaries & Wages - Operations	115	718	602		6,273	8,611	2,337
SS I - Snow Removal	0	28	28		0	333	333
SS I - Salaries & Wages - OT	150	8	(142)		1,273	102	(1,171)
Storage Site II							
SS II - Communications	276	234	(41)		3,295	2,810	(485)
SS II - Outside Ser. - General	0	708	708		0	8,500	8,500
SS II - Utilities - Other	0	138	138		0	1,659	1,659
SS II - Supplies & Materials	255	380	125		1,328	4,560	3,232
SS II - Safety & Signage	0	73	73		2,013	876	(1,137)
SS II - Gas Usage	36	4,470	4,434		89,369	113,441	24,073
SS II - Electricity	963	14,203	13,240	(4)	21,127	124,918	103,791
SS II - Salaries & Wages - Supervision	1,410	100	(1,311)		2,118	1,198	(921)
SS II - Salaries & Wages - Operations	785	724	(61)		4,053	8,686	4,633
SS II - Snow Removal	0	28	28		506	333	(174)
SS II - Salaries & Wages - OT	135	76	(59)		940	911	(29)
Storage Site III							
SS III - Communications	0	0	0		0	0	0
SS III - Outside Ser. - General	0	0	0		0	0	0
SS III - Utilities - Other	3,302	0	(3,302)		5,340	0	(5,340)
SS III - Supplies & Materials	2,529	0	(2,529)		3,875	0	(3,875)
SS III - Safety & Signage	0	0	0		179	0	(179)
SS III - Gas Usage	2,995	0	(2,995)		39,026	0	(39,026)
SS III - Electricity	17,508	0	(17,508)	(4)	94,525	0	(94,525)
SS III - Salaries & Wages - Supervision	554	0	(554)		4,524	0	(4,524)
SS III - Salaries & Wages - Operations	9,062	0	(9,062)	(5)	41,857	0	(41,857)
SS III - Snow Removal Labor	0	0	0		0	0	0
SS III - Salaries & Wages - OT	2,764	0	(2,764)		15,846	0	(15,846)
Total Storage & vaporization operations	45,720	29,602	(16,119)		452,149	424,514	(27,635)



**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Note	YTD Interior Alaska Natural Gas Utility (Actual)	YTD Interior Alaska Natural Gas Utility (Budget)	(Variance)
Schedule of Detailed Expenses							
Storage & vaporization maintenance							
Storage Site I							
SS I - Maint of Cont Rm	0	1,465	1,465		0	17,574	17,574
SS I - Maint of Boiler Rm	(1,800)	12	1,812		14,632	141	(14,491)
SS I - S&I - Yard	0	481	481		1,085	5,768	4,683
SS I - Mnte of LNG Tank 1	0	1	1		366	7	(359)
SS I - Mnte of LNG Tank 2	0	2	2		1,229	29	(1,200)
SS I - Mnte of LNG Tank 3	0	1	1		117	7	(110)
SS I - Mnte of LNG Tank 4	0	1	1		223	7	(216)
SS I - Mnte Vapor Equip	0	155	155		1,026	1,860	834
SS I - Mnte of Meter - Main	0	334	334		0	4,003	4,003
SS I - Mnte of Meter - Bypass	0	0	0		0	0	0
SS I - Mnte of Odorant	0	59	59		0	352	352
SS I - Maint Other Equip	0	588	588		4,837	7,056	2,219
SS I - Maint Testing Equip	0	2	2		0	23	23
SS I - Salaries & Wages - Gen Mnte	0	337	337		0	4,039	4,039
SS I - Salaries & Wages - S&I Maint	83	208	124		4,163	2,491	(1,672)
SS I - Salaries & Wages - Mnte of LNG Tanks	0	281	281		8,014	3,367	(4,646)
SS I - Salaries & Wages - Mnte Vapor Equip	0	82	82		1,270	987	(283)
SS I - Salaries & Wages - Mnte Meas. & Reg	0	75	75		122	896	773
SS I - Salaries & Wages - Mnte Other Equip	102	381	280		1,663	4,575	2,911
SS I - Salaries & Wages - OT	62	21	(42)		371	247	(124)
Storage Site II							
SS II - Maint of Cont Rm	0	44	44		0	522	522
SS II - Maint of Boiler Rm	0	56	56		279	672	393
SS II - S&I - Yard	0	542	542		0	6,500	6,500
SS II - Mnte of LNG Tank 1	0	111	111		0	668	668
SS II - Mnte of LNG Tank 2	0	38	38		0	460	460
SS II - Mnte of LNG Tank 3	1,685	3	(1,682)		1,685	32	(1,653)
SS II - Mnte of LNG Tank 4	1,685	3	(1,682)		1,685	32	(1,653)
SS II - Mnte Vapor Equip	0	167	167		342	2,005	1,663
SS II - Mnte of Meter - Main	0	27	27		0	320	320
SS II - Mnte of Odorant	0	3	3		0	31	31
SS II - Maint Other Equip	0	133	133		1,244	1,600	356
SS II - Maint Testing Equip	0	6	6		0	70	70
SS II - Salaries & Wages - Gen Mnte	0	336	336		1,884	4,033	2,149
SS II - Salaries & Wages - S&I Maint	0	386	386		5,816	4,631	(1,185)
SS II - Salaries & Wages - Mnte of LNG Tanks	251	57	(194)		926	684	(242)
SS II - Salaries & Wages - Mnte Vapor Equip	0	204	204		45	2,449	2,404
SS II - Salaries & Wages - Mnte Meas. & Reg	0	53	53		59	630	572
SS II - Salaries & Wages - Mnte Other Equip	0	570	570		683	6,838	6,155
SS II - Salaries & Wages - OT	6	94	89		975	1,133	158
Total Storage & vaporization maintenance	2,074	7,313	5,240		54,741	86,740	31,999

**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Note	YTD Interior Alaska Natural Gas Utility (Actual)	YTD Interior Alaska Natural Gas Utility (Budget)	(Variance)
Schedule of Detailed Expenses							
Engineering							
Office & Computers	543	241	(302)		5,136	2,892	(2,244)
Outside Services - General	0	2,342	2,342		0	28,100	28,100
Travel	0	0	0		0	0	0
Training & Seminars	0	1,083	1,083		280	13,000	12,720
Dues & Subscriptions	833	833	0		10,833	10,000	(833)
Salaries & Wages	13,007	14,739	1,732		153,325	172,268	18,942
Salaries & Wages - Training	0	202	202		646	2,419	1,772
Salaries & Wages - PTO	523	638	115		7,455	7,658	204
Salaries & Wages - Holiday	262	0	(262)		1,991	4,606	2,615
Salaries & Wages - OT	603	931	328		13,149	11,175	(1,974)
Total Engineering	15,772	21,010	5,238		192,815	252,117	59,302
Talkeetna maintenance							
Maint - Equip Materials	316	675	359		13,359	8,100	(5,259)
Maint - Small Tools	0	21	21		0	250	250
Total Talkeetna maintenance	316	696	380		13,359	8,350	(5,009)
Customer Service							
Cust. Billing General Expense	8,152	6,423	(1,729)		90,341	77,075	(13,266)
Allowance for Doubtful Accounts	35,639	2,083	(33,556)	(6)	34,906	25,000	(9,906)
Public Awareness Expense	256	975	719		9,903	11,700	1,797
Sales Expense - Materials	3,010	2,083	(927)		31,427	25,000	(6,427)
Cust Accts - Conversion Manager	7,482	6,887	(595)		87,256	82,644	(4,612)
Cust Accts - General Labor	4,605	3,793	(812)		52,060	45,513	(6,547)
Cust Accts - Meter Reading Labor	152	442	290		3,335	5,303	1,967
Cust Accts - PTO Labor	0	439	439		0	5,274	5,274
Cust Accts - Holiday Labor	0	0	0		1,681	3,692	2,011
Total Customer services	59,297	23,126	(36,171)		310,908	281,200	(29,709)
Fairbanks Station Operations							
Utilities	562	427	(135)		6,463	5,118	(1,345)
Repairs & Maintenance	0	64	64		0	772	772
Total Fairbanks station operations	562	491	(71)		6,463	5,890	(573)
Big Lake Station Operations							
Gas Losses	709	862	153		9,632	10,345	713
Rents	605	528	(77)		6,659	6,337	(322)
Repairs & Maintenance	0	8	8		0	96	96
Total Big Lake station operations	1,314	1,398	84		16,291	16,777	487
Depreciation	218,802	222,920	4,118		2,634,559	2,687,576	53,017
Total Cost of sales	694,044	718,608	24,565		16,337,484	15,025,212	(1,312,272)

**Interior Alaska Natural Gas Utility**  
**Consolidated Financial Statements - With Budget Comparison**  
**Month Ended June 30, 2020**  
**(Unaudited)**

	(June) Interior Alaska Natural Gas Utility (Actual)	(June) Interior Alaska Natural Gas Utility (Budget)	(Variance)	Note	YTD Interior Alaska Natural Gas Utility (Actual)	YTD Interior Alaska Natural Gas Utility (Budget)	(Variance)
Schedule of Detailed Expenses							
Administration and General							
Salaries & Wages - Management	115,950	115,462	(488)		894,330	876,084	(18,246)
Salaries & Wages - AP and Admin Asst	7,561	7,794	232		90,229	93,524	3,295
Salaries & Wages - PTO	(1,142)	3,281	4,423		15,901	12,810	(3,090)
Salaries & Wages - Holiday	384	0	(384)		6,833	3,728	(3,106)
Salaries & Wages - Training	0	0	0		0	0	0
Salaries & Wages - Inter-company	(823)	0	823		0	0	0
Salaries & Wages - Overtime	685	918	233		8,917	11,016	2,099
Taxes Other than Income Taxes	13,313	14,535	1,222		170,959	174,420	3,461
Employee Benefits	2,217	3,042	825		39,002	36,510	(2,492)
Admin & general expenses FNG							
Office Supplies & Expense	3,670	1,335	(2,335)		24,726	16,021	(8,706)
Postage & Mailing Exp	325	555	230		7,811	6,662	(1,150)
Outside Services - General	16,615	14,656	(1,959)		335,521	175,867	(159,655)
Outside Services - Legal	8,630	16,667	8,037	(7)	177,398	200,000	22,601
Outside Services - Accounting	0	336	336		41,013	51,622	10,609
Outside Services - Engineering	395	1,033	638		11,061	12,395	1,334
Outside Services - Office Equipment	0	498	498		3,532	5,976	2,444
Property Insurance - Equipment	54,424	18,529	(35,895)	(8)	379,908	222,350	(157,557)
Property Insurance - Auto	3,140	2,973	(167)		36,340	35,671	(669)
General Liability Insurance	2,489	10,285	7,795	(8)	77,453	123,416	45,963
Workers Compensation Insurance	4,944	5,923	979		71,357	71,075	(283)
Insurance - Health	11,810	13,603	1,793		130,887	163,234	32,347
Union Expense	673	0	(673)		11,100	0	(11,100)
Advertising - Public Notice	917	250	(667)		6,353	3,000	(3,353)
Misc General Expenses	4,055	3,268	(787)		56,679	38,779	(17,900)
Dues and Subscriptions	965	1,948	983		25,455	23,376	(2,079)
Donations	0	0	0		0	0	0
Telephone & Communication	2,300	1,670	(630)		30,163	20,034	(10,128)
Property Tax	0	0	0		2,435	0	(2,435)
Meals & Entertainment	300	299	(1)		3,509	3,591	82
Transportation Fuel	0	70	70		0	838	838
Utilities - Office	1,407	1,185	(222)		20,765	16,568	(4,197)
Travel	796	1,721	925		17,701	20,653	2,952
Training & Seminars - Admin	318	2,313	1,995		3,019	24,691	21,673
Rent (Buildings) Fairbanks	13,575	14,348	773		167,753	175,437	7,684
General Maintenance Building	625	838	213		8,086	10,058	1,972
Maintenance of Computers	1,992	2,107	115		40,507	25,286	(15,221)
Total Administration and general	272,512	261,441	(11,071)		2,916,706	2,654,692	(262,014)
Total COS and A&G	966,556	980,049	13,493		19,254,190	17,679,904	(1,574,286)



**Variance to Budget Footnotes - Schedule of Detailed Expenses  
June 30, 2020**

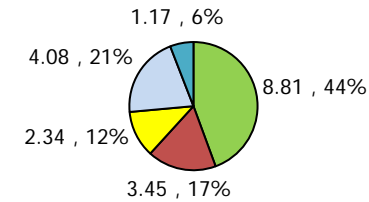
- (1) - Gas liquefaction expenses - Maint - Transport materials was \$18K under budget due to reclassification of expenses to proper account. We allocated the additional parts and supplies purchased in the previous month due to anticipated supply interruptions caused by COVID-19.
- (2) - Gas liquefaction expenses - Maint - Transport Unallocated was \$14K over budget due to the allocation of critical repair parts and tires for the transport trailers in response to the COVID-19 pandemic. Please refer to Note (1).
- (3) - Gas liquefaction expenses - Cost of system gas was \$77K under budget due to a \$115K year-end adjustment to Cost of System gas. We are including LNG Plant system gas in the inventory valuation. The system gas includes gas used in the large motors, boilers and other processes used in the production of LNG.
- (4) - Fairbanks storage & vaporization operations - SS II, III - Electricity expense was \$4K over budget for June. The overage can be attributed to under budgeting the cost of electricity. We will gain more informative data during this operational year to better budget Site III in the following year. However the year-end is \$9K below target.
- (5) - Fairbanks storage & vaporization operations - SS III - Salaries & Wages - Operations expense was \$9K over budget due to operations continuing to offload all transport trailers and continued commissioning activities for the month.
- (6) - Customer Services expense was \$36K over budget largely due to annual write-off of uncollectable accounts.
- (7) - A&G - Outside Services - Legal was \$8K under budget for June largely due to a timing difference between actual and budgeted expenses. Legal expenses were \$23K under budget for the year.
- (8) - A&G - Property & General Liability insurance expense was \$28K over budget for June due to the increase cost of insurance for equipment.

Interior Alaska Natural Gas Utility  
Financial and Operating Report  
Year to Date as of  
June 30, 2020

**Statement of Revenues, Expenses and Change in Net Position**

	Actual	\$Mcf	Budget	\$Mcf	Notes	% Difference (\$Mcf)
1 Mcf's Sales	837,401		763,464			9.7%
2 Revenues	17,265,902	20.62	15,851,758	20.76		-0.7%
3						
4 Cost of sales:						
5 Natural gas purchases	7,374,935	8.81	6,400,325	8.38	(1)	5.1%
6 Gas liquefaction	1,875,091	2.24	1,711,411	2.24	(2)	0.0%
7 Liquefaction electricity	1,009,804	1.21	859,396	1.13	(3)	7.1%
8 Transportation	1,960,199	2.34	1,856,747	2.43		-3.7%
9 Cost of Sales	12,220,029	14.60	10,827,878	14.18		3.0%
10 <b>Gross Margin</b>	5,045,872	6.03	5,023,880	6.58		-8.4%
11						
12 Operating expenses:						
13 Distribution	472,283	0.56	465,188	0.61		-8.2%
14 Storage	506,890	0.61	511,253	0.67		-9.0%
15 Engineering	192,815	0.23	252,117	0.33		-30.3%
16 Customer service	310,908	0.37	281,200	0.37		0.0%
17 Administration and general	2,916,706	3.48	2,654,692	3.48	(4)	0.0%
18 Interest expense	35,169	0.04	73,393	0.10		-60.0%
19 Depreciation and amortization	2,634,559	3.15	2,687,576	3.52		-10.5%
20 Total operating expenses	7,069,330	8.44	6,925,420	9.07		-7.0%
21 <b>Operating income (loss)</b>	(2,023,458)	(2.42)	(1,901,540)	(2.49)		-3.0%
22						
23 Non operating income (expense)						
24 Interest and dividend income	6,340	0.01	0	0.00		NA
25 Other income (expense)	56,464	0.07	2,400	0.00		NA
26 Total non operating income (expense)	62,803	0.08	2,400	0.00		NA
27						
28 <b>Change in net position</b>	(1,960,654)	(2.34)	(1,899,140)	(2.49)		6.2%
29 EBITDA	709,073	0.85	861,829	1.13	(5)	-24.4%
LNG Inventory (Site III ONLY)	May 31, 2020		June 30, 2020			
Gals LNG	1,300,582		1,613,229			312,647

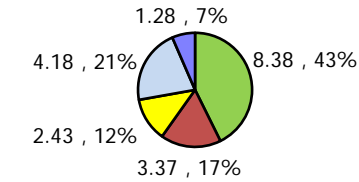
Costs Per Unit (Mcf)  
(Actual Cost of Sales)



- Natural gas purchases
- Gas liquefaction
- Transportation
- Administration and general
- Distribution & Storage

Total Cost per Mcf less interest & depreciation: \$ 19.85

Costs Per Unit (Mcf)  
(Budgeted Cost of Sales)



- Natural gas purchases
- Gas liquefaction
- Transportation
- Administration and general
- Distribution & Storage





Total Cost per Mcf less interest & depreciation: \$ 19.64

Interior Alaska Natural Gas Utility  
Financial and Operating Report  
Year to Date as of  
June 30, 2020

Notes:

- (1) Natural gas purchases are over budget due to higher than budgeted Mcf sales for the year and higher cost per Mcf than budgeted.
- (2) Gas liquefaction expenses are over budget largely due to unexpected repairs to essential large electric motors and overhaul costs to our large process motors.
- (3) Electricity costs over budget due to higher than budgeted Mcf sales for the year and higher cost per Mcf than budgeted.
- (4) A&G - expenses are over budget largely due to increased expenses in Outside Services - General, relating to consultants for Bond support, gas supply, IGU support by Stantec, AIDEA loan support and additional support for Siemens negotiations that was not budgeted. The remaining is made up of various other accounts that are attributed to timing difference between actual and budgeted expenses.
- (5) Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)

Key Financial Metrics:

	Actual	Budgeted	% Difference	
Working capital cash balance	\$ 3,649,364	\$ 5,055,215	 -27.8%	
Current ratio (Working capital)	2.3	5.0	 -54.0%	Current Assets/Current Liabilities
Quick ratio	0.1	2.8	 -96.4%	(Cash+A/R)/Current Liabilities
Debt coverage ratio	4.1	4.7	 -14.5%	(Loan Covenants 1.2)

# Public Comment

## Bond Rating Update



Interior Gas Utility  
Preliminary Schedule of Events  
Interior Energy Project, Series 2020A

Date	Financing Activity	Responsible Party
3-Jul-20	Circulation of Revised Draft of Bond Documents including Bond Indenture Circulation of Revised Draft of Bond Purchase Agreement Circulation of Revised Draft of MTI	Bond Counsel Underwriter Counsel Borrower Counsel
<b>4-Jul-20</b>	<b>Independence Day Holiday</b>	
12-Jul-20	Working Group Call Comments Due on Draft Documents	Working Group Working Group
14-Jul-20	Management Prepared FY2020 Financial Statements	IGU
16-Jul-20	IGU Board Packets Sent Out - Work Session	IGU
17-Jul-20	Circulation of Revised Draft of Bond Documents including Bond Indenture Circulation of Revised Draft of Bond Purchase Agreement Circulation of Revised Draft of Preliminary Official Statement and IGU MTI Circulation of Revised Consulting Engineer's Report Submission of Documents to Fitch	Bond Counsel Underwriter Counsel Borrower Counsel Consulting Engineer Hilltop
<b>21-Jul-20</b>	<b>IGU Board Work Session</b>	IGU
28-Jul-20	Working Group Call Comments Due on Draft Documents	Working Group Working Group
30-Jul-20	IGU Board Packets Sent Out - Board Meeting	IGU
<b>4-Aug-20</b>	<b>IGU Board Meeting</b> Receipt of Credit Rating	IGU Hilltop and IGU
5-Aug-20	Circulation of Revised Draft of Preliminary Official Statement Circulation of Revised Consulting Engineer's Report	Borrower Counsel Consulting Engineer
13-Aug-20	IGU Board Packets Sent Out - Board Meeting	IGU
<b>18-Aug-20</b>	<b>IGU Board Meeting</b>	IGU
19-Aug-20	Receipt of IGU FY2020 Audited Financial Statements	IGU
21-Aug-20	Underwriter Due Diligence Call Circulation of Revised Draft of Preliminary Official Statement Circulation of Revised Consulting Engineer's Report	Working Group Borrower Counsel Consulting Engineer
24-Aug-20	Post Preliminary Official Statement	Borrower Counsel
27-Aug-20	IGU Board Packets Sent Out - Board Meeting	IGU
<b>1-Sep-20</b>	<b>IGU Board Meeting</b>	IGU
<b>7-Sep-20</b>	<b>Labor Day Holiday</b>	
10-Sep-20	Pricing - Retail and Institutional IGU Board Packets Sent Out - Board Meeting	Hilltop/Utility/Underwr IGU
14-Sep-20	Post Official Statement	Borrower Counsel
<b>15-Sep-20</b>	<b>IGU Board Meeting</b>	IGU
23-Sep-20	Pre-Closing	Working Group
24-Sep-20	Closing	Working Group

prepared June 30, 2020

# COVID-19 Update and Protocol

# Policies Required in the Financing Agreement

## Financing Agreement excerpts mentioning policies required

**8.1.4 Operating Covenant.** IGU will operate the Integrated Utility consistent with prudent utility practices and IGU's CPCN will be maintained in good standing, as it exists on the Effective Date or as it may be amended thereafter to incorporate FNG's business or service territory. Among other things required by the preceding sentence, ***IGU will establish and execute policies*** to operate the Integrated Utility in an efficient manner and at a reasonable cost, to maintain, preserve, and keep the Project and all component parts of the Project in good repair, working order, and condition; and to, from time to time, make or cause to be made all necessary and proper repairs, renewals, and replacements so that the business carried on in connection with the Project will be conducted in a manner consistent with the operations of Investment Grade utilities.

**8.1.5 Economically Sound System.** IGU will extend utility service and make extensions and improvements to IGU's systems consistent with prudent utility practices. Among other things required by the preceding sentence, ***IGU will establish and execute policies*** to ensure its system remains economically sound, to encourage economic extensions and improvements, and to discourage extensions and improvements financed through additional debt that will hinder the efficient and economical operation of the Integrated Utility overall, unless such extensions or improvements are required for operational or safety purposes, or by law, or by any regulatory body having jurisdiction over IGU.

**8.1 .6 Sale, Lease, or other Disposition of IGU Assets.** IGU will only sell, lease, or otherwise dispose of IGU assets consistent with prudent utility practices and the Commercial Security Agreement. Among other things required by the preceding sentence, ***IGU will establish and execute policies*** to limit the sale, lease, or other disposal of IGU assets material to the production of revenues unless the remaining Integrated Utility assets will generate revenues sufficient to result in compliance with the operating and financial covenants.

**12.2 Required Insurance.** IGU will maintain fire and extended coverage casualty insurance on the Project up to its full replacement value, which insurance must list the Authority as "Mortgagee Loss Payee" for real property assets and "Lender Loss Payee" for personal property assets. IGU shall maintain public liability insurance on its operations and business, with all such insurance being in the form, amounts, and coverages, and with insurance companies, that are reasonably acceptable to the Authority. The Authority will be named as an additional insured on the public liability insurance. ***IGU will provide to the Authority copies of all of the required insurance policies.*** All insurance policies shall require notice to the Authority at least 20 days in advance of any cancellation or reduction in coverage.

COMPERHENSIVE FINANCIAL POLICY OUTLINE

A. GENERAL POLICIES

1. Affordability
2. Financial Accountability / Governance / Management
3. User Pays

B. OVERALL UTILITY FINANCIAL GOALS AND OBJECTIVES

1. Long Term Fiscal Viability
2. Budgetary Solvency
3. Cash Solvency
4. Current Operating Costs Paid from Current Revenues
5. Prudent Investments with Maximum Return

C. FINANCIAL PLANNING AND BUDGETING GOALS

1. Strategic Financial Planning Approach
2. Utility Financial Planning Horizons for operating and capital
3. Credit Quality
4. Financial Trend Monitoring

D. RATE AND REVENUE POLICIES

1. Revenue Pledge
2. Debt Service Coverage Ratio
3. Cost of Service – Fees and Charges
4. One-Time-Only Revenue (OTOR) = One-Time-Only Expenditures (OTOE)

E. FINANCIAL RESERVE POLICIES

1. Standards for Reserve Balance Maintenance/Replenishing
2. Operating Contingency Reserve
3. Rate Stabilization/Countercyclical Reserve
4. Renewal and Replacement Reserve
5. Capital Funding Reserve

F. RISK MANAGEMENT POLICIES

1. Comprehensive Risk Management Program
2. Pension and Other Liabilities
3. Annual Risk Management Review

G. DEBT MANAGEMENT POLICIES

1. Debt Goal
2. Debt Financing
3. Standards
4. Credit Enhancements
5. Debt and Investment Community Relationship

H. FINANCIAL REPORTING AND DISCLOSURE

1. Comprehensive, Open and Accessible

2. Comprehensive Annual Financial Reporting (Audit)
3. Generally Accepted Accounting Principles (GAAP), Governmental Accounting Standards Board (GASB) Standards, Governmental Finance Officer Association (GFOA) best practice Standards
4. Quarterly Financial Review

*\*\*\*EXECUTIVE SESSIONS will be moved to after Closing Comments to allow for the public's full participation in the meeting and adjourn the public session immediately after conclusion of the executive session.\*\*\**

## Marketing & New Service Report (Possible Executive Session)

### **Suggested Motion:**

MOVE TO ENTER INTO EXECUTIVE SESSION TO DISCUSS THE MARKETING & NEW SERVICE REPORT; THE PUBLIC KNOWLEDGE OF WHICH WOULD HAVE AN IMMEDIATE IMPACT ON THE FINANCES OF IGU.

**INCLUDED PARTIES:** IGU BOARD OF DIRECTORS,  
DAN BRITTON-GM, & IGU ATTORNEY

*Provided that there is a Quorum, a majority vote of the Directors present is needed for the Motion to enter into Executive Session to pass.*

## MEMORANDUM

**TO:** Dan Britton  
**FROM:** Michelle Hollowell  
**SUBJECT:** Marketing & New Service Report  
**Date:** July 30, 2020

---

Please find below the status of several updates for Marketing & New Service activities for the month of July.

### **Advertising & Marketing**

#### **North Pole Marketing**

With the delay to the construction of the North Pole Storage Facility, we are behind the curve on meeting the numbers of applications for North Pole. I believe we have two very powerful tools that we can use – cold calling and mailers with progress updates. Customers from North Pole are also reaching us through our updated website and are actively submitting applications from the website.

From cold calls we currently have 4 commercial customers and are expecting 3 more applications next week. We currently have 13 Residential customers for North Pole and we are receiving an extensive amount of calls with at least one inquiry for North Pole each day.

We have several potential residential and commercial customers in North Pole that are currently using propane. These customers were identified through the FNSB Change Out Program information of names and addresses that was requested

A Facebook post was made with the Press Release of the Storage Tanks movement to North Pole. We reached over 139 people with our post. We will be taking advantage of the “boost” function with Facebook to reach more potential customers.

With the above mentioned methods we are gaining momentum in reaching our potential North Pole customers. The biggest area of concern I am currently encountering from potential North Pole customers is what date they will be able to have natural gas for heating their homes and businesses. Their biggest fear is not having access to natural gas in time for this winter and not wanting to bridge with propane until we hang their meters.



## Website

Porcaro began the process to integrate the test site with our current IGU website the week of June 22<sup>nd</sup>. The website has been completely integrated. The old website for Fairbanks Natural Gas is redirecting customers to the IGU website. Our new website helps to provide our current customers and potential customers with the information they seek on applying for service, benefits of gas, safety, current activities, how to contact us, and various other information. Our customers are successfully using the website to submit applications and I have had several customers comment on the calculator being very helpful. The ability to find our applications online and be able to submit the applications right from the site is adding an element of customer service that a high percentage of our customers expect. Information at the stroke of a keyboard or the touch of a finger on a mobile device is key to our current and potential customers and our revamped website is providing this level of service.

## Current Customer Statistics

Current completed applications turned in for Spring 2020 installs – see Attachment A.  
Applications given out for Fairbanks for the month of July:

41 Residential Emailed                      -39 Completed and returned

14 Commercial Emailed                      -11 Completed and returned

3 Residential & 1 Commercial Application submitted from website

Follow ups with customers through email or by phone when I haven't received a completed application.

Now that the website is live, over 6000 mailers are currently being printed to go out to potential Residential and Commercial customers. These mailers will be a useful marketing tool in emphasizing that we are here and we want and have the ability to provide clean natural gas for homes and businesses. The mailers as mentioned in previous reports will target areas that we already have main lines in the ground. The mailers are also targeting businesses over 5000 sqft, State and Federal buildings.

## Current Customer Applications versus Financial Forecast & Pro Forma

Please see Attachment B.

## Social Media

Posts are being made weekly to advertise that we are taking applications for new service in Fairbanks and North Pole and to remind everyone to call 811 before they dig.

It also provides our customers with information on COVID-19 including our lobby closure and how we are still working hard to bring homes and businesses natural gas and provide customers with payment options. A link to our Facebook page has been added to our website. The most recent post for the two storage tanks having a new home in North Pole received a lot of attention.

Our old Facebook page is still currently accessible. I have requested that Facebook take off the old IGU page or allow us to add it as a history type section to our current page. I have been advised that the process for removing or integrating old pages can take 6 months or longer. The way the old page was set up has not allowed for a simple revision or deleting of the page. As of July 30<sup>th</sup> the integration of the two Facebook pages has not taken place.

### **C-PACE (Commercial Property Assessed Clean Energy)**

The C-PACE program is progressing. The consultants retained by AEA to aid with the drafting of documents are nearing an end and have had consultations with attorneys hired by the State Department of Law. The attorneys advising Fairbanks and Anchorage are continuing to have discussions about technical issues such as how to handle the event of a city foreclosure on the property of a C-PACE encumbered property. There were three webinars in the past couple of weeks and I have attended two of them as the third one is geared specifically towards government (Borough) in answering questions towards the administration of the program. PFS that holds the contract for creating the standardized documents and producing the handbook for the Alaska C-PACE program stated that they will have those documents ready by the end of this Fall.

### **FNSB Targeted Airshed Grants**

I continue to work with the FNSB Air Quality Division and let our customers know of the money that is out there in various programs to assist in conversions to natural gas. A request of information was placed for conversions to natural gas/propane. I received back that the FNSB Air Quality Division has had 242 conversions to propane/natural gas from May 1, 2017 to now. Of those 242 conversions, they believe 95% were to propane. I did receive a list of the names and addresses of the 242 conversions. The list received will be used for targeted letters to these potential customers that we don't currently have as our customers.

I am currently working with Alaska's Federal Delegation in regards to the possible changing of the wording of the Targeted Air Shed Grant so that oil to natural gas conversions can be included in these highly competitive grants. Greg Bringhurst with Senator Sullivan's office and I will be participating in a telephonic meeting with the Washington DC staff as soon as they can get it scheduled to get the best wording for our delegates to use this year and we are hoping to be able to have that meeting in the next 2 weeks.

## **Conversion Group**

The Conversion Group met via Zoom on July 13<sup>th</sup> and again on July 29<sup>th</sup>. Both of the July meetings focused on ideas for lowering the costs for customers on installations. The discussions involved how many contractors are in the area, paired with the current demand for installations. Some vendors are offering discounts to contractors, but it is up to the contractor whether they pass those savings on to the customers. Another aspect of the costs is in regards to those that are in City limits that are not being allowed to do a conversion due to city restrictions and instead they are required to do a complete removal and replacement of their appliances. I have a meeting with City of Fairbanks inspectors next week and a member of the Conversion Group to discuss the restrictions.

## **Events**

-Video tour with Mayor Ward to raise public awareness about natural gas “through the Mayor’s eyes” will be a short video that will be shared across social media, continues to be pending based on the Mayors schedule.

## **Virtual Tank Tour**

Currently a plan is being put together for a virtual tank tour that could be incorporated into presentations, the website, and social media. The tank tour would give our customers and the community the ability to see our tank up close and personal. The tour would provide a quick look at the reality and future of clean energy for our community. The completion date of the virtual tank tour is estimated for the Fall so that the project can get the necessary amount of time devoted to it to ensure that it is a quality product while ensuring that we have the time to devote to our current customers that are applying for service.

## **Porcaro Communications**

See updated schedule Attachment C.

## Spring 2020 Service Line Install Applications

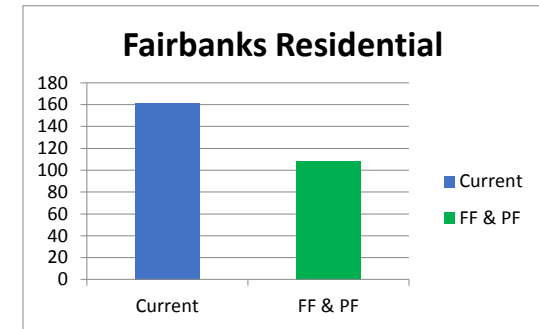
	11/5/2019	12/2/2019	12/31/2019	2/4/2020	2/26/2020	4/1/2020	4/28/2020	5/14/2020	5/27/2020	6/10/2020	6/29/2020	7/14/2020	7/30/2020
<b>Commercial</b>													
Divine Properties	1				1								
Ed Maynard	2												
DRE Investments, LLC	4												
DeAK Investments/Design Alaska	1												
University Community Presbyterian Church	1												
Moostard	1												
John Garben	2												
College Utilities			1										
Holiday Companies			1										
Denali Industrial Supply			1										
AK Properties			1										
Jackie Jordan				1									
D & D Blumer Investments				3									
University Park Condo Association				3									
Chin No				2									
University Chevron					1								
Andrew Plumlee						2							
Chena Apartments						9							
Tanana Valley Holdings						2							
True North Church							1						
Pollen Environmental							1						
Wells Fargo								1					
Fat Burger									1				
Equinox Holdings, LLC										1			
Richards Distributing										2			
Agape Enterprises										1			
BDT Investments										1			
Nada Dreams										1			
Alaska Railroad										1			
Tananan Chiefs Conference											1		
Pendergrast Properties LLC											1		
Alaska USA												1	
LifeMed Alaska												1	
Health Pro LLC												1	
Full Tilt Mechanical/Fountain Head												1	
Robert Trigg													1
Buckos Coffee													1
Argenis Sambois (tri-plex)													1
Argenis Sambois (4-plex)													1
Arctic Sands LLC													1
One West Holdings, LLC													1
Stepping Stone Builders, <b>North Pole</b>									1				
North Pole Veterinary Hospital <b>NP</b>											1		
Rainbows End Childrens Center <b>NP</b>											1		
North Pole Worship Center <b>NP</b>												1	
Total by date	12	0	4	9	2	13	2	1	2	7	4	5	6
<b>Total Commercial</b>													<b>67</b>

### Spring 2020 Service Line Install Applications

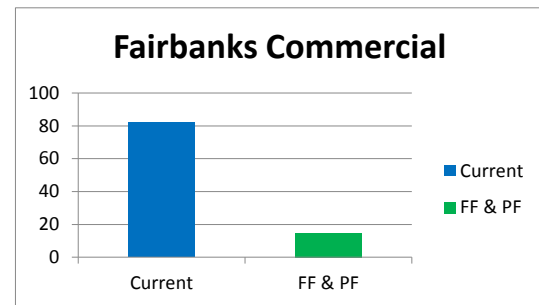
	11/5/2019	12/2/2019	12/31/2019	2/4/2020	2/26/2020	4/1/2020	4/28/2020	5/14/2020	5/27/2020	6/10/2020	6/29/2020	7/14/2020	7/30/2020
<b>Residential</b>													
Aurora	2	1			1		1	1	1		1	1	2
Bjerremark	4			1			1		2	1	1	1	3
Davis-Van Horn	1	1										2	1
Doyon Estates		1											
Hamilton Acres	3	2			1	2	2		2	1	2	2	3
Hilton Park	1	1									2		1
Peger Lake Development	1	2					1			1	1		
Rickert	2	1					1				1	2	1
Taku-Westgate	2	2		1			1	2	2	2	1	2	2
Townsite											1		1
University West	1	1		1		1	1	1	1	1	1	4	2
Wilcox Estates	3							2	1	1			1
Shannon Park	2	1	2	1	1		3	1				1	2
Townsite/Weeks Field			2									2	1
<b>North Pole</b>									5	1	1	1	5
Total by date	22	13	4	4	3	3	12	7	14	8	12	18	25
<b>Total Residential</b>													<b>145</b>
<b>Totals</b>													<b>212</b>

### Current Customer Applications versus Financial Forecast & Pro Forma

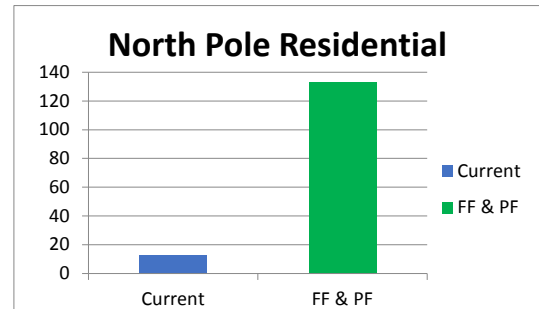
RESIDENTIAL		Fairbanks		North Pole	
		Current	2020 FF & PF	Current	2020 FF & PF
	Existing	30	108	0	133
	Applications	132		13	
	New	18		2	
	Fuel Oil	75		9	
	Propane	28		2	
	Wood				
	Coal				
	Unknown	41			
	Totals	162	108	13	133



SMALL COMMERCIAL		Fairbanks		North Pole	
		Current	2020 FF & PF	Current	2020 FF & PF
	Existing	20	15	0	15
	Applications	62		3	
	New	3		1	
	Fuel Oil	58		3	
	Propane	1			
	Unknown	20			
	Totals	82	15	4	15

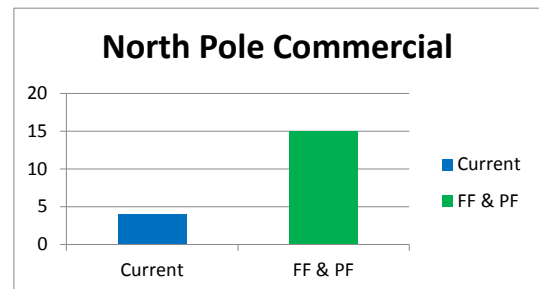


INDUSTRIAL/ LARGE COMMERCIAL		Fairbanks		North Pole	
		Current	2020 FF & PF	Current	2020 FF & PF
	Existing		2	0	0
	Applications	1			
	New	1			
	Fuel Oil				
	Totals	1	2		



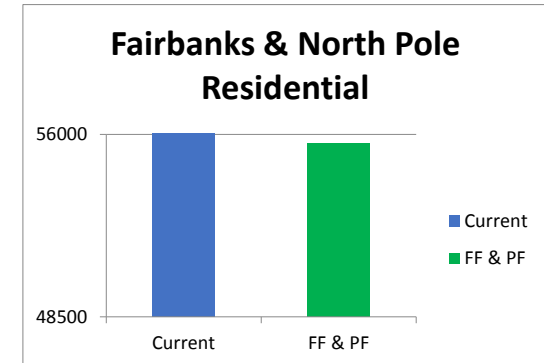
Existing = Lines Installed Summer-Fall 2019

Applications = Completed Applications for Spring-Summer 2020

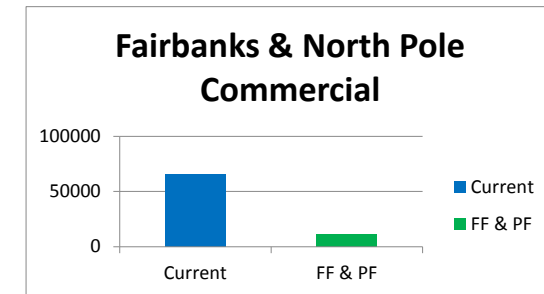


## Current Customer Applications MCF versus Financial Forecast & Pro Forma MCF

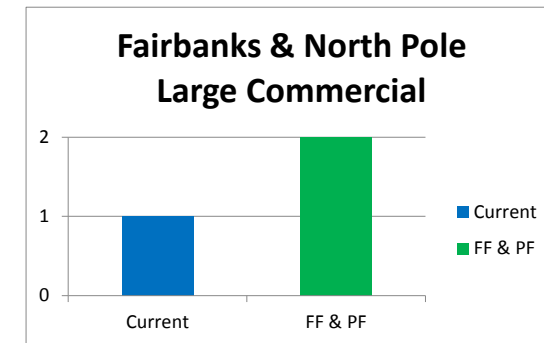
RESIDENTIAL		Fairbanks & North Pole	
		Current	2020 FF & PF
	Single Family (166)	21082	30607
	241 combined*		
	127 MCF/Single Family		
	Multi-Family (36)	36000	25000
	25 combined		
	1000 MCF/Multi-Family		
	Totals	57082	55607



SMALL/MEDIUM COMMERCIAL		Fairbanks & North Pole	
		Current	2020 FF & PF
	Small (46)	28566	11324
	4 combined		
	621 MCF/Small		
	Medium (13)	36933	
	2841 MCF/Medium		
	Totals	65499	11324



INDUSTRIAL/ LARGE COMMERCIAL		Fairbanks & North Pole	
		Current	2020 FF & PF
	Large (1)	7046	14092
	2 combined		
	7046 MCF/Large Commercial		
	Totals	7046	14092



**TOTALS**                      **129,627**                      **81,023**

\* combined total of Fairbanks at 108 and North Pole at 133 for Single Family Residential



This schedule has been updated to reflect the current pace of approvals, etc.

June 11: Preliminary meeting with IGU staff.

June 17: Agency reviews existing materials and utility plans.

June 24: Agency concept and strategy discussions.

July 24: Slogan and branding concepts submitted to IGU.

August 15: Approval of slogan and branding (in board work sessions).

October 23: Approval of logo.

November 8: Annual Marketing Plan submitted.

November 8: Submit website layouts for initial approvals and revisions.

November 15: Website layout approved. Begin construction of overall site. Approval and revisions will be continual through remainder of process.

November 15: Revised Marketing Plan submitted.

December 11: Mailer layouts submitted for review.

December 16: Meet with IGU regarding web ideas and needs.

December 17: Gather visual references for website and data from current site to begin site map planning.

December 30: Set up test server for website design.

January 2: Base wireframe website structure set up on on test server. Contact host regarding site security.

January 3: Final revisions to mailer.

January 6: Begin final site construction from base wireframe.

January 6: Receive mailing lists for first direct mailer.

January 7: Comprehensive marketing plan submitted to board for review.

January 16: Internet and social media training of Michelle by Kristin.

February 6: Commercial mailer submitted for approval.

February 7: Complete website to client for revision and testing.

March 10: Comprehensive website updates and revisions to Kristin.

April 15: Website to Focus Group for Review.

May 18: Focus Group individual notes to Michelle.

May 19: Website revisions submitted to Porcaro.

May 28: New photos received and begin implementing website revisions.

July 2: Approval of website. Transfer delayed by web host errors.

July 16: Transfer website from test location to final hosting server.

July 17: Website live.

August 5: Approval of marketing plan.

August 12: First mailer sent out.

August 14: Production and implementation of plan begins. Subsequent schedules and activities will be dictated by annual plan.



*\*\*\*EXECUTIVE SESSIONS will be moved to after Closing Comments to allow for the public's full participation in the meeting and adjourn the public session immediately after conclusion of the executive session.\*\*\**

# UPDATE OF GAS SUPPLY SEARCH

## MAP Report

**SUGGESTED MOTION:** MOVE TO ENTER INTO EXECUTIVE SESSION TO DISCUSS GAS SUPPLY OPPORTUNITIES, CHALLENGES AND NEGOTIATING STRATEGY; THE PUBLIC KNOWLEDGE OF WHICH WOULD HAVE AN IMMEDIATE IMPACT ON THE FINANCES OF IGU.

**INCLUDED PARTIES:** IGU BOARD OF DIRECTORS, DAN BRITTON-GM, MARY ANN PEASE-GAS SUPPLY CONSULTANT, & IGU ATTORNEY

*Provided that there is a Quorum, a majority vote of the Directors present is needed for the Motion to enter into Executive Session to pass.*

# Correspondence

Phase 1 Environmental Assessment for TL-2914

**PHASE I ENVIRONMENTAL SITE ASSESSMENT**  
**TRACT A OF TANANA LEVEE INDUSTRIAL PARK AND**  
**TAX LOT 2914**  
**FAIRBANKS, ALASKA**

**JULY 26, 2020**



Prepared for:

Fairbanks Natural Gas, LLC  
3408 International Street  
Fairbanks, Alaska 99701

Prepared by:



**Accounting Office**  
2400 College Road  
**Fairbanks, Alaska 99709**  
p. 907.452.5688  
f. 907.452.5694

**Managing Office**  
3105 Lakeshore Dr, Ste A106  
**Anchorage, Alaska 99517**  
p. 907.222.2445  
f. 907.222.0915

5438 Shaune Dr, Ste B  
**Juneau, Alaska 99801**  
p: 907.586.6813  
f: 907.586.6819

[www.nortechengr.com](http://www.nortechengr.com)



## **TABLE OF CONTENTS**

<b>1.0</b>	<b>EXECUTIVE SUMMARY.....</b>	<b>1</b>
<b>2.0</b>	<b>INTRODUCTION.....</b>	<b>2</b>
2.1	Purpose .....	2
2.2	Methodology .....	2
2.3	Exceptions of Assessment and Limitations .....	3
<b>3.0</b>	<b>SITE DESCRIPTIONS.....</b>	<b>4</b>
3.1	Location and Legal Description, Site Owner and Current Occupant.....	4
3.2	General Setting and Site Description .....	4
3.3	Vicinity Characteristics and Hydrogeologic Characteristic .....	4
<b>4.0</b>	<b>RECORDS REVIEW .....</b>	<b>6</b>
4.1	Environmental Database Searches.....	6
4.2	Aerial Photographs .....	8
<b>5.0</b>	<b>INTERVIEW AND SITE INSPECTION .....</b>	<b>9</b>
<b>6.0</b>	<b>ANALYSIS .....</b>	<b>10</b>
<b>7.0</b>	<b>CONCLUSIONS AND RECOMMENDATIONS .....</b>	<b>11</b>
<b>8.0</b>	<b>SIGNATURES OF ENVIRONMENTAL PROFESSIONALS .....</b>	<b>12</b>

## **LIST OF APPENDICES**

**Appendix 1: Figures**

**Appendix 2: Site Photographs**

**Appendix 3: EDR Report**



## **1.0 EXECUTIVE SUMMARY**

**NORTECH** has completed a standard Phase I ESA on an undeveloped Site located in Fairbanks, Alaska. The Site is known as Tract A of the Tanana Levee Industrial Park and Tax Lot 2914, which are separated by the Interior Drainage Channel "A" of the flood control project. The Site is comprised of undeveloped land that is partially wooded and covered in thick willow and alder growth. This Phase I ESA was completed in general accordance with American Society of Testing and Materials (ASTM) Standards E 1527-13.

Road access to Tract A is provided via Gas Court at the southeast corner of the southern parcel. Tax Lot 2914 was observed from the drainage channel and no evidence of a trail or other access to this parcel was observed. No evidence of development, demolition, materials storage, or other uses of the Site were observed or reported.

The property located east of the site had a small petroleum release that was completely remediated and closed. Other regulated contaminated sites identified within a mile of the Site and most are closed. The largest of these plumes is a PFAS groundwater plume originating from the fire training center on 30<sup>th</sup> Avenue. This plume is oriented northwest-southeast and located from the south side of the Robert Mitchell Expressway to Airport Way, is not considered a concern to the Site. The remaining sites are also not considered a concern due to distance from the Site, gradient, and regulatory status.

Based on a review of the available records and inspection of the Site, **NORTECH** has identified no ASTM RECs or other environmental concerns associated with the Site. The Site is considered *no risk*. Additional assessment of the Site is not recommended at this time.



## 2.0 INTRODUCTION

### 2.1 Purpose

Fairbanks Natural Gas contracted with **NORTECH** to perform a standard Phase I ESA for two lots that make up the Site. Tract A is located at the northwest end of Gas Court in Fairbanks, Alaska. The Site totals over 9 acres of undeveloped land. The complete legal description is provided in Section 3.0 of this report. This investigation provides a search of prior and current property uses at the Site and adjacent properties to determine the likelihood of past or present contamination by toxic or hazardous substances.

### 2.2 Methodology

This report summarizes **NORTECH's** investigation, findings, analysis, and opinions regarding the environmental condition of the Site. The scope of **NORTECH's** service is in accordance with the ASTM Practice E 1527-13. The information is provided to assist in the completion of "all appropriate inquiry" and to meet the "due diligence" requirements of the Comprehensive Environmental Responses, Compensations and Liability Act (CERCLA or "Superfund") as amended by the Superfund Amendment and Re-authorization Act (SARA) in 1986. Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report.

To accomplish the objectives of the project, the following services were provided:

- Review of relevant documentation of the Site, including aerial photographs.
- Review of federal and state databases for known or suspected contaminated sites and leaking underground storage tanks within ASTM search radii.
- Visual assessment of the property for indications of potential environmental issues and hazardous materials.
- Interviews with individuals knowledgeable about the Site and its operation and history.

Upon completion of the research, **NORTECH** reports on the recognized environmental conditions (RECs) that have been identified. In addition to the ASTM standard, **NORTECH** also assesses the probability of the existence of contamination and rates the Site based on the perceived risk of contamination impacts. The four risk categories are defined below.

**No Risk:** No evidence was found to indicate contamination of the Site or that hazardous substances, including petroleum products, have been improperly handled on site. **NORTECH** does not find cause for further investigation.

**Low Risk:** Investigation has revealed the potential for on-site contamination, the possibility that hazardous substances have been mishandled, a threat of their release exists, and/or off-site contamination has potential to impact the property. The report will include discussion and/or recommendations for further action, as warranted.

**Medium Risk:** Mishandled hazardous substances or soil and/or water contamination may have been identified at the Site. Identified concerns warrant a Phase II investigation.

**High Risk:** Mishandled hazardous substances were encountered or there is a high potential for significant on-site contamination. Phase II assessment will be recommended to determine the actual presence and/or levels of contamination and the need for remedial action.



### **2.3 Exceptions of Assessment and Limitations**

This report summarizes our investigation, findings, analyses, and opinions regarding the environmental condition of the property based on a review of records and site observations. The extent of our assessment, by definition, was not of a scope necessary to reveal all conditions with regard to environmental contamination or conformance with regulations, codes, permits of all the agencies having jurisdiction. The work scope delineated by ASTM Practice E 1527-13 is considered adequate to identify significant indications of contamination and major concerns that would represent pivotal environmental issues important to a property owner. The purpose of the ESA is to identify existing environmental conditions; our findings should be considered representative only of the time at which the ESA was completed. It should be noted that dense vegetation prevented visual observation of some ground conditions in the area for solid waste or debris, or oil staining.

Limitations exist with the assessment provided and all the environmental issues cannot be addressed in the scope of this effort. For example, ASTM E 1527-13 (Section 13) Non-Scope Considerations such as asbestos containing materials, radon, lead in drinking water, lead based paint, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines are only addressed if pertinent information is discovered during the assessment and/or is specifically authorized by the client. The assessment does not include evaluation of any Non-Scope Considerations.

This report is a record of research and observations of the subject property as described, and was prepared for the exclusive use of Fairbanks Natural Gas, LLC and its assigns with respect to the Site. If it is made available to others, it should be for information on factual data only and not as a warranty of surface or subsurface conditions, such as those interpreted from results presented or discussions herein. No other warranty or presentation, either expressed or implied, is included or intended.



### **3.0 SITE DESCRIPTIONS**

#### **3.1 Location and Legal Description, Site Owner and Current Occupant**

The Site consists of two parcels separated by Interior Drainage Channel "A" of the flood control project. The Site consists of undeveloped land that is partially wooded and covered in thick willow and alder growth. The legal description of the northern parcel is Tax Lot 2914 Section 29 Township 1 South Range 1 West Section 29 previously assessed as Township 1 South Range 1 West Section 29 Lot 2912. The southern parcel is described as Tract A Tanana Levee Industrial Park previously assessed as Tax Lot 2912 Section 29 Township 1 South Range 1 West Section 29

**Site Owner:** Robert Fox

**Site Occupant:** The Site was unoccupied and undeveloped at the time of the inspection.

#### **3.2 General Setting and Site Description**

The Site is located on the south side of Fairbanks, north of the Tanana River and south of Van Horn Road, west of Peger Road. Gas Court is oriented north-south and is located on the north side of Tria Road, near the Tanana River levee system. The Site consists of two lots that total 9.88 acres, it can be accessed via Gas Court. The figures included in Appendix A contain Location and Vicinity Maps.

**Site Structures:** No structures were observed at the Site at the time of the inspection.

**Site Utilities:** The Site was not connected to utilities at the time of the inspection.

#### **3.3 Vicinity Characteristics and Hydrogeologic Characteristic**

**Topography and Slope:** The elevation of the property is approximately 443 feet above mean sea level, based on the EDR Report. There is little topographic relief across the Site or within the surrounding area, except for areas adjacent to roadways that are about 4 feet higher than the ground surface of the Site. The Site is forested and does not appear to have ever been cleared or graded.

**Local Geology and Hydrogeology:** The Fairbanks area is in the physiographic province termed the Tanana Lowlands, which is an arcuate band between the Alaska Range to the south and the Tanana upland to the north. The present-day lowland consists of vegetated floodplain, and low benches of the Tanana and Chena Rivers. Typical soils in the Tanana flood plain consist of several feet of silt, underlain by alluvial sands and gravels to a considerable depth. These granular deposits generally become coarser with depth, exhibit wide variability in structure and stratification and apparently represent ancient glacio-alluvial deposition. Silt-filled swales and oxbow lakes generally represent former positions of rivers and streams. The thickness of alluvial sediments overlying bedrock in the region can be as great as 400 to 500 feet. Lenticular deposits of silt, sand, and gravel produce a wide range of permeability and transmissivity.

Runoff from spring snow melt and summer storms causes periodic flooding over parts of the floodplain, although the city area is protected by a dam and a series of levees. The main river of this floodplain is the Tanana River, which is a tributary of the Yukon River. The water table throughout the Tanana floodplain is shallow and usually 10 to 15 feet below the surface,





depending on ground elevations and groundwater stage. It is not uncommon to experience water table fluctuations on the order of 2 to 4 feet during rapid recharge events. Below flood stages, the Tanana typically acts as a source of recharge for the area while the Chena acts as a drain. Other sources of recharge to the groundwater are snowmelt and precipitation.

The Site is approximately 1000 feet north of the closest reach of the Tanana River, which runs west at that point and about 2.5 miles south of the closest reach of the Chena River which also runs west at that point (see Figure 1). Groundwater under the Site is likely to be in direct influence by changes in water levels of the Tanana River because of its proximity, as well as local snowmelt and precipitation. In general, the Tanana River is expected to recharge the groundwater beneath the site, although the actual extent of recharge in the shallow aquifer will depend on the presence of permafrost and seasonal frost.

**Depth to Groundwater and Groundwater Flow Direction:** Depth to groundwater at the site can rapidly change due to levels in the Tanana River. Groundwater depths are assumed to be within 5 feet of ground surface in low lying areas adjacent to the river. Based on groundwater data from the United States Geological Survey, the regional groundwater flow direction near the Tanana River is generally northwest, at a magnitude typically 0.001 feet/foot or less. Deviation from the normal groundwater gradient in this geographic area is generally to the west. Review of the Alaska Department of Conservation (ADEC) files for several nearby properties confirms the local groundwater flow direction is west-northwest and may deviate to the southwest. The Tanana River primarily recharges the local aquifer, but will occasionally act as a drain for the area.

**Surface Water and Surface Water Drainage:** The Site has standing water and drainage at the Site appears to be poor due to lack of topographic features and possible permafrost.

**Nearest Surface Water Body:** The Great Northwest gravel pit is adjacent to the north side of TL 2914 and the Interior Drainage Channel "A" of the flood control project are adjacent to the north side of Tract A, both are less than 500 feet from the Site. The Tanana River Levee is adjacent to the south side of the property and the Tanana River is approximately 1,700 feet south of the Site.



#### **4.0 RECORDS REVIEW**

The Alaska Department of Natural Resources (ADNR) Recorder's Office maintains a database of deeds and other official property records. According to information provided this property is currently owned by Robert Fox Keogh Plan. Previous owners include Tanana Levee Industrial Park and Great Northwest Inc.

#### **4.1 Environmental Database Searches**

Hilary Clifton of **NORTECH** reviewed a database search prepared by Environmental Data Resources (EDR) (Appendix 3). Additionally, Ms. Clifton manually searched the major U.S. Environmental Protection Agency (EPA) (Superfund and Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)) and Alaska Department of Environmental Conservation (ADEC) contaminated sites (CS) and registered Underground Storage Tank (UST) databases for concerns in the Site area. The numbers and/or letters in front of the site names corresponds to the EDR site number. A list of all databases and associated acronyms can be found in the EDR report.

##### DOD – Fort Wainwright, 3,500 feet south-southwest

This facility was incorrectly mapped by EDR. Fort Wainwright is located over three miles east-northeast of the Site.

##### 1 – Fairbanks Natural Gas Tanana Levee Industrial Park, 2942 Tria Road, east adjacent

This facility is located adjacent to the east side of the Site and is listed on the State Hazardous Waste Site (SHWS) database. According to information provided by EDR, petroleum stained surface soil was identified on Tracts C and D in 2015. Phase I and a limited Phase II were conducted and diesel range organics (DRO), residual range organics (RRO), and arsenic were identified above their respective cleanup levels. Approximately eight cubic yards of soil were removed from the Site and the limits of the excavation were analyzed for DRO, RRO, polycyclic aromatic hydrocarbons (PAHs), and benzene, ethylbenzene, toluene, and xylenes (BTEX). Sample results reported clean limits and the Site was issued a cleanup complete designation. The impacted soil was thermally remediated. This facility is not a concern to the Site.

##### A2 – Alaska Western Star L.P., 3050 Van Horn Road, 3,600 feet northeast, cross gradient

This facility is listed on the SHWS and Institutional Controls database. Contamination was identified at the property and an old leach field was determined to be the source. Perchloroethylene (PCE), trichloroethylene (TCE), and DRO were identified in groundwater above the cleanup levels. Sampling up gradient did not identify any off-site contamination/migration. Additional sampling of groundwater at the Site resulted in reported PCE concentrations below the cleanup level. Monitoring wells at the Site were decommissioned and it was issued a cleanup-complete with institutional controls designation.

##### A3 – Chris Berg Inc., 2888 Van Horn Road, 4,300 feet northeast, cross gradient

This facility is listed on the SHWS database. A 1,500 gallon buried heating oil tank was removed from the facility and resulted in the excavation of contaminated soil. The limits of the excavation was determined to be clean. Approximately 30 cubic yards of soil was proposed to be land spread at the Site. Subsequent sampling of the spread soil reported results that were below the cleanup levels. Cleanup complete designation was issued for the Site.



NM – City of Fairbanks Regional Fire Training Center PFAS Groundwater Plume

This groundwater plume was not identified by EDR but it is mapped on the Alaska Department of Environmental Conservation website. PFAS contamination in the groundwater is known to extend from 30<sup>th</sup> Avenue (south of the Robert Mitchell Expressway) east of Lathrop Street and extends towards Airport Way and west of Peger Road. The PFAS plume is oriented generally southeast-northwest, consistent with groundwater flow. The source has been identified as the Fire Training Center located at 1710 30<sup>th</sup> Avenue. Based on the location of the groundwater plume, the direction of groundwater flow, and the cross-gradient location, the PFAS contamination is not expected to be a concern for the Site.

4 – Bloom Enterprises, 2448 Arvilla Street, 4,500 feet northeast, cross gradient

Benzene contamination was found in June of 1987 in an onsite monitoring well. Diesel and gasoline tanks were identified on the site as a possible source of contamination. A Class IV injection well was excavated and closed in 1994. The samples taken during the excavation activities indicated that the groundwater was still impacted at that time. ADEC planned an area-wide groundwater study in this area in the mid-1990's, but it was never completed and no additional investigation is documented at this time.

5 – FMUS Wastewater Plant UST 1 & 2, 4747 Peger Road, 0.9 miles southeast, cross gradient

This facility is listed on the SHWS due to a leaking underground tank. The ADEC website provides minimal details regarding sampling and the tank removal along with thermal remediation. A No Further Action letter was issued in December 2000 and the Site was issued a Cleanup Complete designation. This facility is located over 4,000 feet up to cross gradient from the Site and is not considered a REC to the Site.

6 – Air North (Ben Lomand), 2209 Donald Avenue Metro Field, 1 mile northeast, cross gradient

This facility is listed on the SHWS and Leaking Underground Storage Tank (LUST) databases. Environmental events at this property include a reported avgas spill and improper drum storage which resulted in leaking waste oil. Free product and high levels of contaminants were reported in the groundwater. Forty gallons of free product were recovered in May 1984. The recovery well was decommissioned due to lack of effective recovery.

An investigation in 2005 indicated that onsite soil and groundwater are contaminated with aviation fuel contaminants, primarily benzene. Benzene contamination extends offsite to the west with some drinking water wells and monitoring wells east of Peger Road exceeding the ADEC drinking water standard. Additional shallow well sampling confirmed the contamination extends east to Peger Road. A number of tanks and several hundred drums related to a used oil burning business were removed from this property and a property north of Donald Avenue in 2006. The benzene plume in the groundwater has been delineated and is presented on the ADEC Contaminated Sites database. Contaminants of this site are moving to the west-northwest and are unlikely to impact the Site based on the groundwater gradient in the area.

7 – Brice, Sam R., Block 201 Lot 2 Fairbanks International Airport, 1.2 Miles northwest, cross to down gradient

This facility is listed on the SHWS and is located at the Fairbanks International Airport. According to information provided on the ADEC Contaminated Sites database a LUST was identified at the property in 1989. Site closure was issued for the property in 1998, however, details related to the cleanup efforts were not provided. Due to the distance from the Site and the cross to down gradient location this facility is not considered a concern to the Site.



#### 4.2 Aerial Photographs

Aerial photographs from 1949, 1998, 2006, 2011, and 2017 were reviewed for past development or uses of the Site and the general vicinity and have been included in Appendix 1. The approximate boundaries of the Site have been outlined for reference purposes. Photographic observations are described below.

**1949 Aerial Photo (Figure 4):** The Site and surrounding area are wooded and undeveloped. The Tanana River is visible on the southern edge of the photograph with several small sloughs or creeks visible between the river and the Site. No roads or other vehicle access to or near the Site is visible.

**1998 Aerial Photo (Figure 5):** The Site and most of the land in the area remains undeveloped. The levee system is visible between the Site and the Tanana River. The flood channel and a roadway are visible north of the Site. Very little new development is visible in the area. Overall, the Site appears as it looks today.

**2006 Aerial Photo (Figure 6):** The Site and the land immediately surrounding the Site are heavily wooded. The levee system is visible between the Site and the Tanana River, the flood channel is located between the two parcels. There is a large gravel pit visible to the northeast of the Site. The remainder of visible land is undeveloped.

**2011 Aerial Photo (Figure 7):** The Site is undeveloped and heavily wooded. There has been industrial development to the east and west of the Site, the property to the east is owned and operated by Fairbanks Natural Gas. The property to the west is owned by Fairbanks Pipeline Training Trust. A small gravel road (Gas Court) has been developed directly southeast and provides vehicle access to the Site. The gravel pit to the northeast has expanded, and the levee is still visible to the south, on the north Site of the Chena River.

**2017 Aerial Photo (Figure 8):** The Site and surrounding area are developed to present day conditions. Notable changes from the 2011 image were not observed.



## 5.0 INTERVIEW AND SITE INSPECTION

**Interview:** The Site is currently owned by Mr. Robert Fox. Mr. Fox stated that he purchased the properties in approximately 2014 as an investment. He has not performed any development or demolition activities at the Site. He has not used the Site to store hazardous materials. Mr. Fox stated that he was not aware of any environmental incidents at the Site during his ownership.

**Site Inspection:** The Site was observed to be to be undeveloped and wooded and covered with thick undergrowth and shrubbery. Vehicle access is provided via Gas Court. The Site was walked west from gas court on the south side of the tree line approximately 200 feet, then through the trees to the north end of Tract A and the south side of the drainage channel where TL 2914 could be observed. There were no obvious foot paths or trails from the roadway into the Site properties. No evidence of dumping or storage of materials potentially hazardous to the environment was observed during the inspection.



## **6.0 ANALYSIS**

**NORTECH** has completed a standard Phase I ESA on an undeveloped Site located in Fairbanks, Alaska. The Site consists of two parcels separated by the Chena River Flood Project Drain. The Site is comprised of undeveloped land that is partially wooded and covered in thick willow and alder growth. The legal description of the northern parcel is Tax Lot 2914 Section 29 Township 1 South Range 1 West Section 29 previously assessed as Township 1 South Range 1 West Section 29 Lot 2912. The southern parcel is described as Tract A Tanana Levee Industrial Park previously assessed as Tax Lot 2912 Section 29 Township 1 South Range 1 West Section 29.

The Site is currently undeveloped, vehicle access is provided via east-adjacent Gas Court. According to the current property owner, Robert Fox, the parcels were purchased as an investment and he has not done any work at the Site. Construction, demolition, and materials storage have not occurred at this property. The Site was observed to be undeveloped, wooded land with thick alder and willow growth during the Site inspection.

The property adjacent to the Site had a documented release of petroleum that resulted in the remediation of eight cubic yards of contaminated soil. This work resulted in the complete removal of all contaminants and the file is listed as cleanup complete. Based on a review of the information, all known contamination was removed and any potential residual contamination is not considered a concern for the Site.

A half dozen additional regulated contaminated Sites were identified within one mile of the Site, with nearly all more than one-half mile away and typically cross gradient. Most of these facilities have been issued Cleanup Complete designations. Active facilities do not present an environmental concern to the Site due to distance and/or groundwater gradient. PFAS contamination is a recent concern in the Fairbanks area. A large groundwater plume with PFAS contamination is located northeast of the Site. Due to the known regional groundwater flow direction and delineation of this plume, this is not considered an environmental threat to the Site.

Overall, based on the inspection, the Site was consistent with the owner's statement as well as historical aerial photographs. Regulatory concerns were not identified related to facilities identified within one mile of the Site. No recognized environmental conditions or other environmental concerns were noted.



## 7.0 CONCLUSIONS AND RECOMMENDATIONS

**NORTECH** has completed a standard Phase I ESA on an undeveloped Site located in Fairbanks, Alaska. The Site consists of two parcels separated by the Chena River Flood Project Drain. The Site is comprised of undeveloped land that is partially wooded and covered in thick willow and alder growth.

Based on a review of the available records and inspection of the Site, **NORTECH** has identified no ASTM RECs or other environmental concerns associated with the Site. The Site is considered *no risk*. **NORTECH** has the following conclusions and recommendations regarding the condition of the Site:

- The Site is comprised of two separate parcels that total 9.88 acres
  - The Site was observed to be undeveloped
  - Road access is provided via Gas Court
- The property owner stated no development has occurred at the Site
  - It was originally purchased as an investment
  - The Site has not been used for materials storage
  - Neither construction nor demolition have reportedly occurred at the Site
- Regulated contaminated facilities were identified within one mile of the Site
  - The adjacent property had a document release that has been remediated and is listed as cleanup complete in the ADEC database
  - Due to distance, groundwater gradient, and/or regulatory status, none of the other sites are considered a concern
- No additional assessment at this Site is not recommended at this time





## 8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

**NORTECH** is a Fairbanks-based, professional consulting firm, established in 1981, offering environmental engineering, civil engineering, and industrial hygiene consulting services. The firm has offices in Fairbanks, Anchorage and Juneau and has completed numerous Phase I ESAs and other property and/or building inspections across Alaska.

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

A handwritten signature in black ink, reading "Hilary Clifton". The signature is written in a cursive, flowing style.

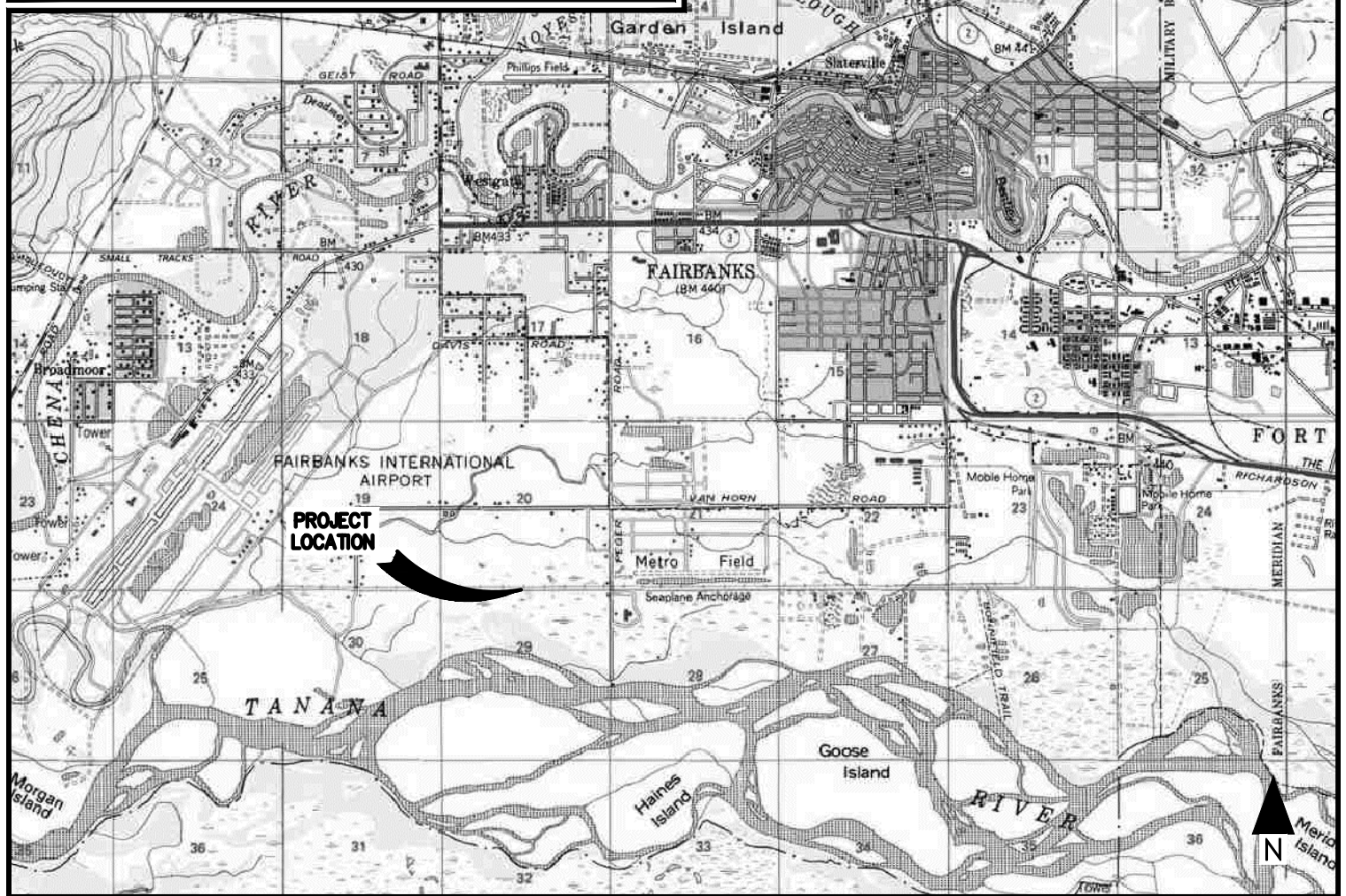
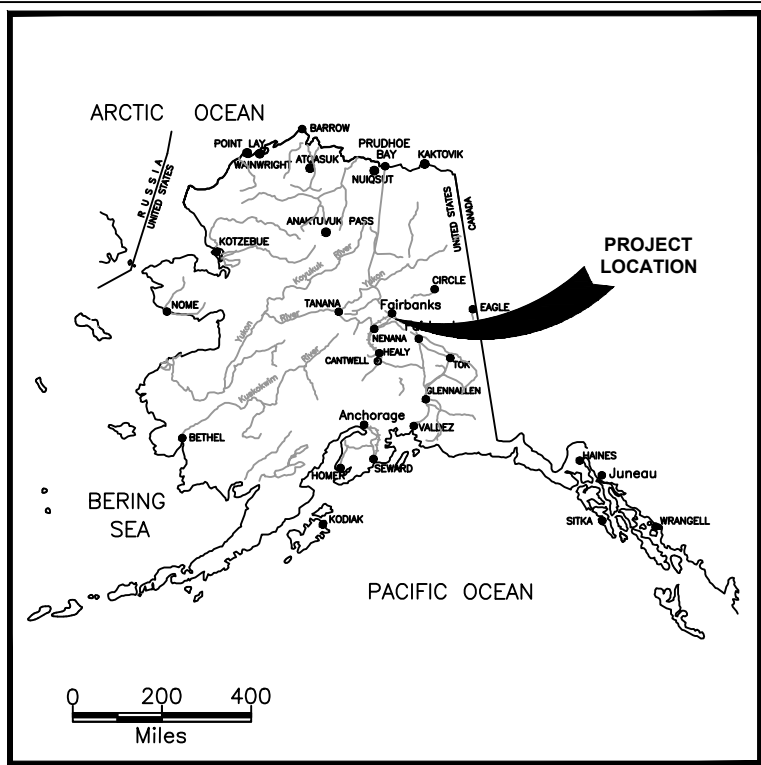
**Hilary Clifton**  
Staff Environmental Scientist

A handwritten signature in black ink, reading "Peter Beardsley". The signature is written in a cursive, flowing style.

**Peter Beardsley, PE**  
Principal



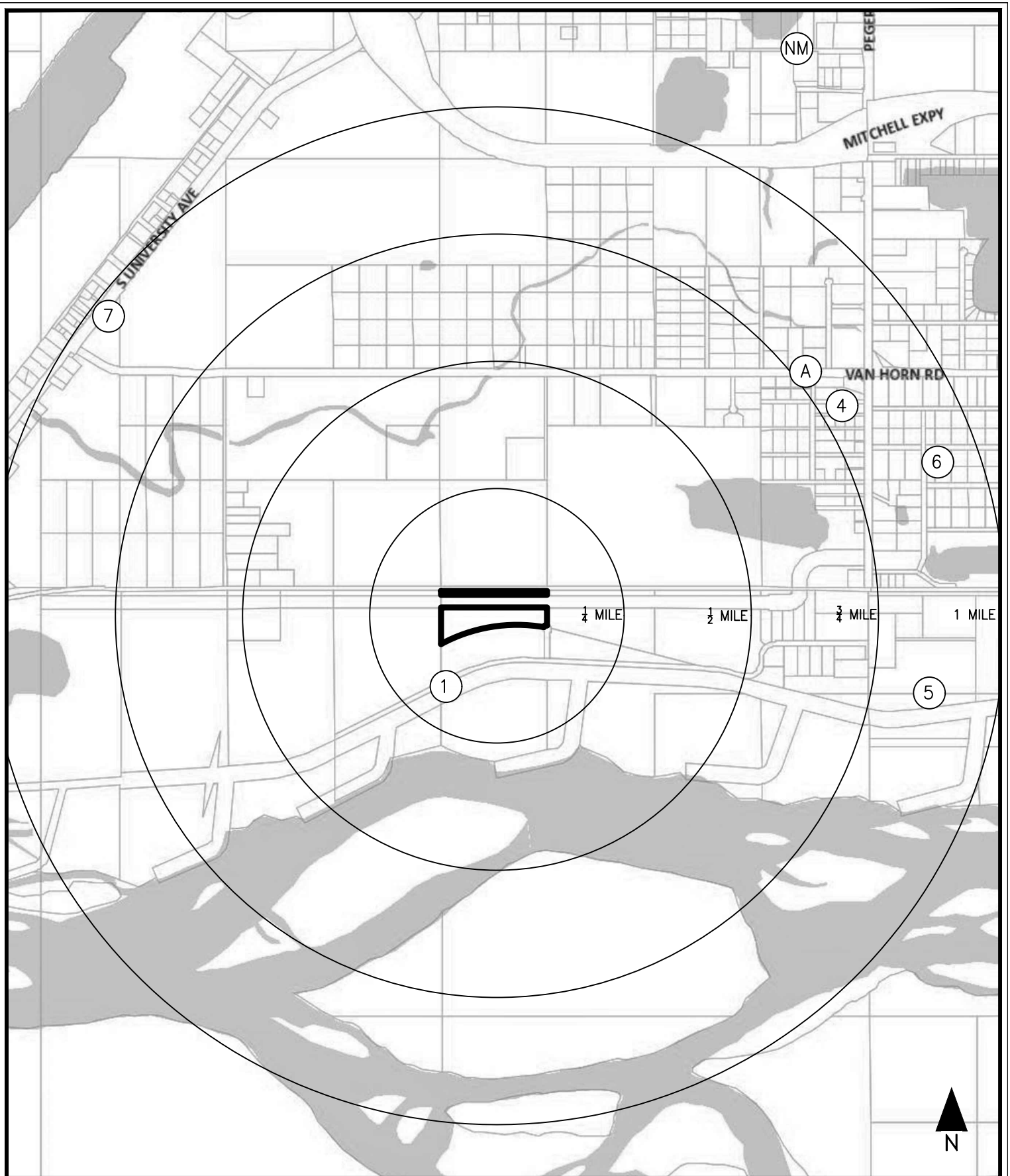
# Appendix 1



ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

Location Map  
 Phase I Site Assessment  
 Fairbanks, Alaska

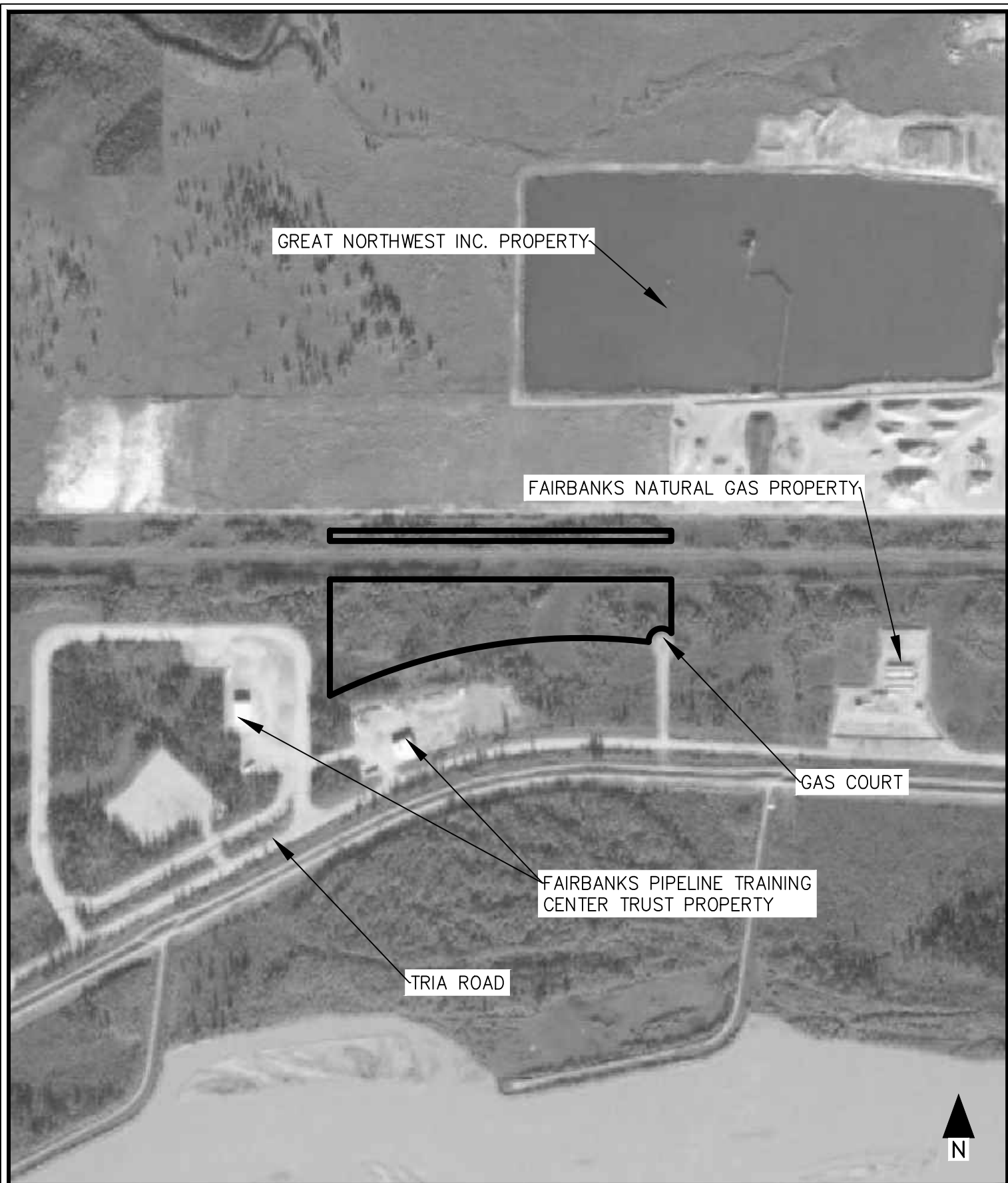
SCALE: 1" = 1 Mile	FIGURE:
DESIGN: HNC	1
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	



ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

Vicinity Map  
 Phase I Site Assessment  
 Fairbanks, Alaska

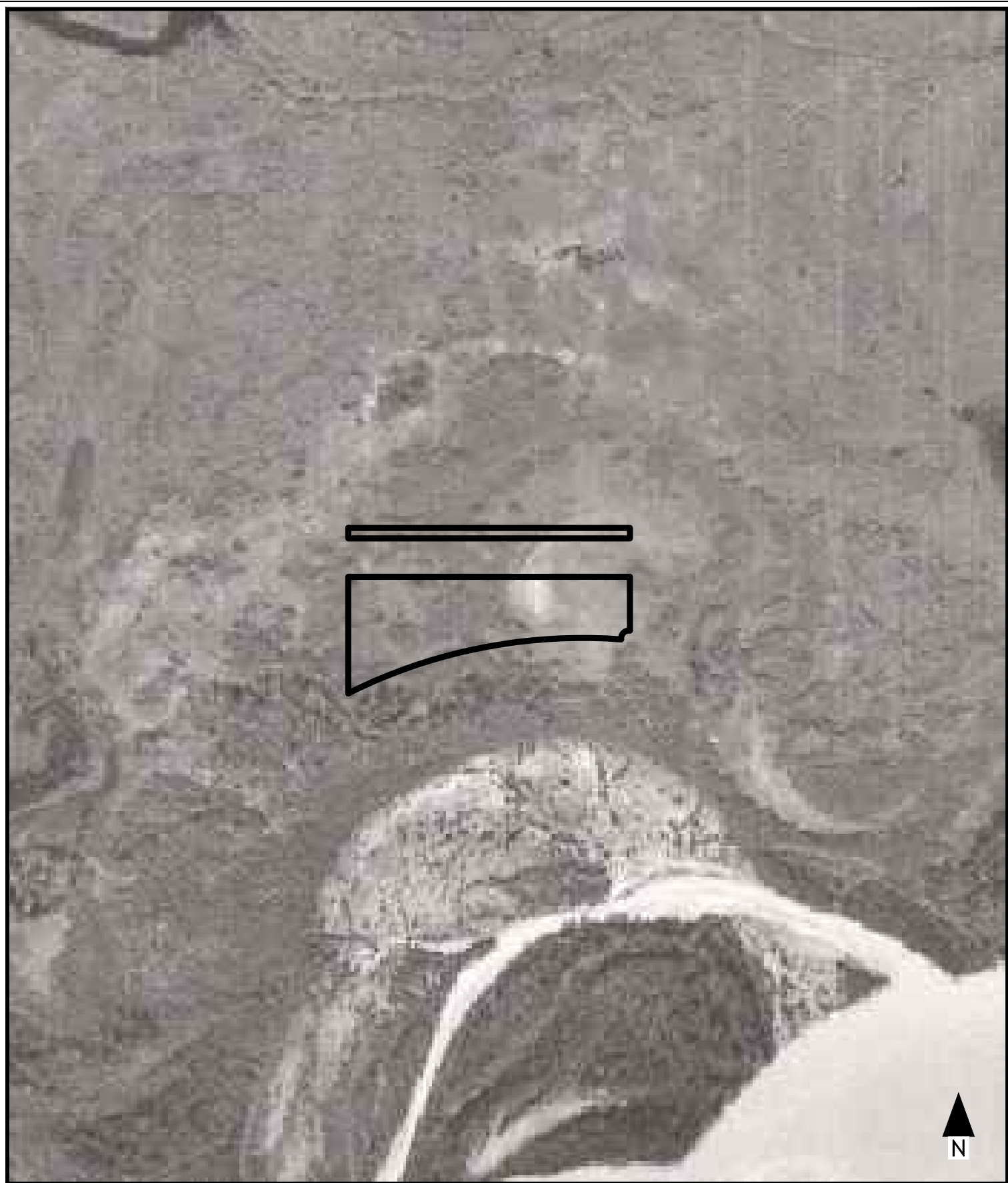
SCALE: 1"=1/4 mile	FIGURE:
DESIGN: HNC	2
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	



ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

Site Map  
 Phase I Site Assessment  
 Fairbanks, Alaska

SCALE: 1" = 500'	FIGURE: 3
DESIGN: HNC	
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	



ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

1949 Site Aerial  
 Phase I Site Assessment  
 Fairbanks, Alaska

SCALE: 1" = 500'	FIGURE: 4
DESIGN: HNC	
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	

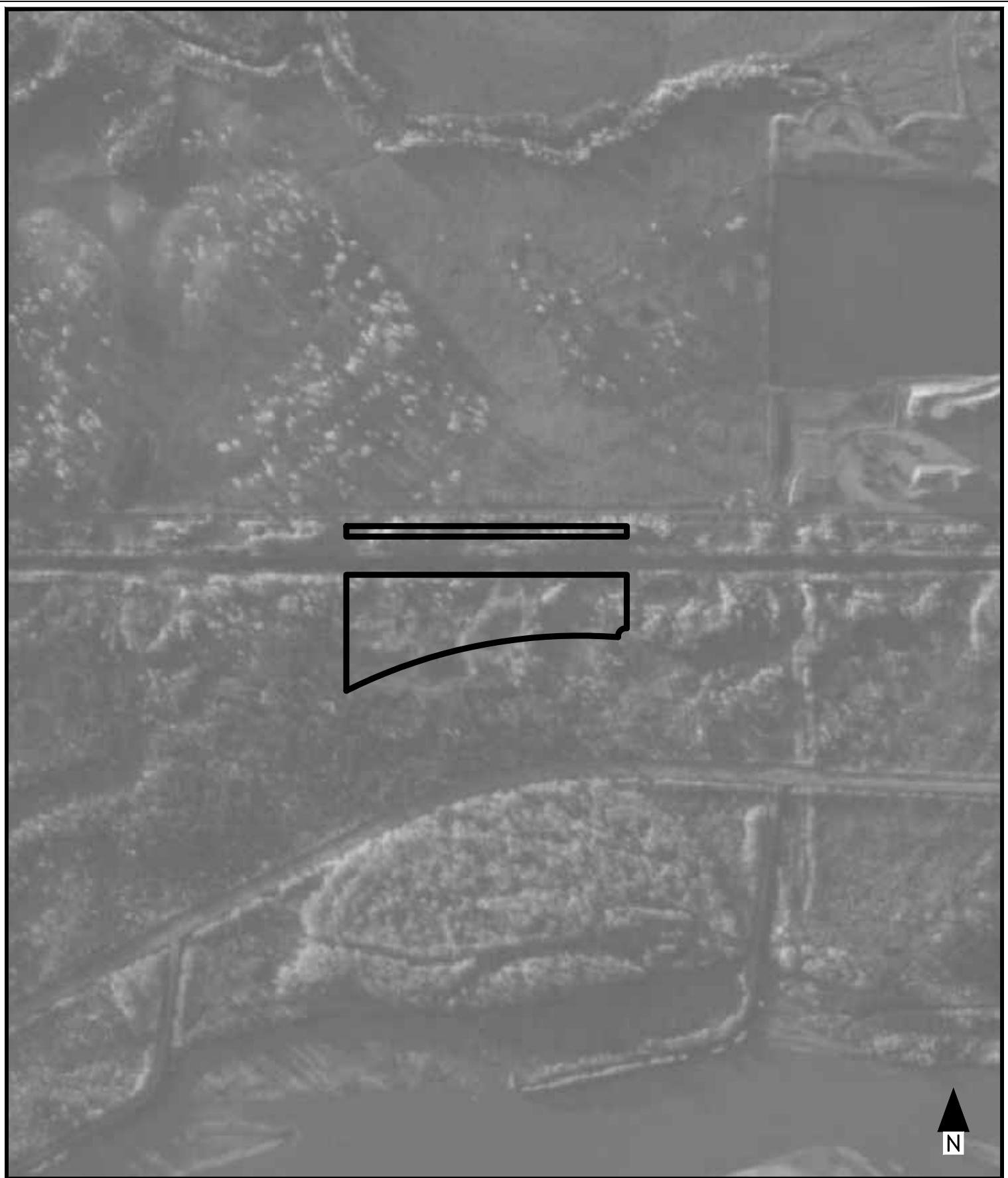




ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

1998 Site Aerial  
 Phase I Site Assessment  
 Fairbanks, Alaska

SCALE: 1" = 500'	FIGURE: 5
DESIGN: HNC	
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	



ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

2006 Site Aerial  
Phase I Site Assessment  
Fairbanks, Alaska

SCALE: 1" = 500'	FIGURE: 6
DESIGN: HNC	
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	



ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, Alaska 99801 907-586-6813

2011 Site Aerial  
 Phase I Site Assessment  
 Fairbanks, Alaska

SCALE: 1" = 500'	FIGURE: 7
DESIGN: HNC	
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	





ENVIRONMENT, ENERGY, HEALTH & SAFETY CONSULTANTS  
 2400 College Road, Fairbanks, AK. 99709, 907-452-5688  
 3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445  
 5438 Shaune Dr., Juneau, AK 99801 907-586-6813

2017 Site Aerial  
 Phase I Site Assessment  
 Fairbanks, Alaska

SCALE: 1" = 500'	FIGURE: 8
DESIGN: HNC	
DRAWN: SPH	
PROJECT NO: 20-1045	
DWG: 201045b	
DATE: 07/21/2020	

# Appendix 2



**Photo 1:** View of Tract A facing west.



**Photo 2:** View of Tract A facing east.





**Photo 3:** View north towards TL 2914.



**Photo 4:** View north towards TL 2914.

# Appendix 3

**Tract A & TL 2914**

FNG Court

Fairbanks, AK 99709

Inquiry Number: 6099377.2s

June 22, 2020

## The EDR Radius Map™ Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	40
Government Records Searched/Data Currency Tracking .....	GR-1

### GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

#### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

FNG COURT  
FAIRBANKS, AK 99709

#### COORDINATES

Latitude (North):	64.8045420 - 64° 48' 16.35"
Longitude (West):	147.8045000 - 147° 48' 16.20"
Universal Transverse Mercator:	Zone 6
UTM X (Meters):	461784.7
UTM Y (Meters):	7186720.5
Elevation:	443 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5954025 FAIRBANKS D-2 SW, AK
Version Date:	2013



# MAPPED SITES SUMMARY

Target Property Address:  
FNG COURT  
FAIRBANKS, AK 99709

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">Reg</a>	FORT WAINWRIGHT		DOD	Same	3506, 0.664, SSW
<a href="#">1</a>	FAIRBANKS NATURAL GA	2942 TRIA ROAD	SHWS	Lower	437, 0.083, SW
<a href="#">A2</a>	ALASKA WESTERN STAR	3050 VAN HORN ROAD	SHWS, INST CONTROL	Lower	4057, 0.768, NE
<a href="#">A3</a>	CHRIS BERG INCORPORA	2888 VAN HORN ROAD	SHWS	Lower	4183, 0.792, NE
<a href="#">4</a>	BLOOM ENTERPRISES	2448 ARVILLA STREET	SHWS, PFAS	Lower	4348, 0.823, NE
<a href="#">5</a>	FMUS - WASTEWATER PL	4747 PEGER RD.	SHWS	Higher	4635, 0.878, East
<a href="#">6</a>	AIR NORTH (BEN LOMAN	2209 DONALD AVENUE M	SHWS, LUST	Lower	4845, 0.918, ENE
<a href="#">7</a>	BRICE, SAM R.	BLOCK 102 LOT 2 FAIR	SHWS	Lower	5266, 0.997, WNW

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

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

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

#### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

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

#### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

#### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

## EXECUTIVE SUMMARY

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

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

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

SWF/LF..... Solid Waste Facilities

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

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

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS..... Engineering Controls Site Listing  
INST CONTROL..... Contaminated Sites with Institutional Controls

### ***State and tribal voluntary cleanup sites***

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

### ***State and tribal Brownfields sites***

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

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

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

### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

CDL..... Illegal Drug Manufacturing Sites  
 US CDL..... National Clandestine Laboratory Register  
 PFAS..... PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
 SPILLS..... Spills Database  
 SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
 FUDS..... Formerly Used Defense Sites  
 SCR DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
 US FIN ASSUR..... Financial Assurance Information  
 EPA WATCH LIST..... EPA WATCH LIST  
 2020 COR ACTION..... 2020 Corrective Action Program List  
 TSCA..... Toxic Substances Control Act  
 TRIS..... Toxic Chemical Release Inventory System  
 SSTs..... Section 7 Tracking Systems  
 ROD..... Records Of Decision  
 RMP..... Risk Management Plans  
 RAATS..... RCRA Administrative Action Tracking System  
 PRP..... Potentially Responsible Parties  
 PADS..... PCB Activity Database System  
 ICIS..... Integrated Compliance Information System  
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
 MLTS..... Material Licensing Tracking System  
 COAL ASH DOE..... Steam-Electric Plant Operation Data  
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
 PCB TRANSFORMER..... PCB Transformer Registration Database  
 RADINFO..... Radiation Information Database  
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
 DOT OPS..... Incident and Accident Data  
 CONSENT..... Superfund (CERCLA) Consent Decrees  
 INDIAN RESERV..... Indian Reservations  
 FUSRAP..... Formerly Utilized Sites Remedial Action Program  
 UMTRA..... Uranium Mill Tailings Sites  
 LEAD SMELTERS..... Lead Smelter Sites  
 US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
 US MINES..... Mines Master Index File  
 ABANDONED MINES..... Abandoned Mines  
 FINDS..... Facility Index System/Facility Registry System  
 ECHO..... Enforcement & Compliance History Information  
 UXO..... Unexploded Ordnance Sites  
 DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
 FUELS PROGRAM..... EPA Fuels Program Registered Listing  
 AIRS..... AIRS Facility Listing  
 COAL ASH..... Coal Ash Disposal Sites

## EXECUTIVE SUMMARY

DRYCLEANERS.....	Drycleaner Facility Listing
Financial Assurance.....	Financial Assurance Information Listing
NPDES.....	Wastewater Discharge Permit Listing
UIC.....	UIC Information
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. 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.

### STANDARD ENVIRONMENTAL RECORDS

#### ***State- and tribal - equivalent CERCLIS***

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, and dated 11/13/2019 has revealed that there are 7 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FMUS - WASTEWATER PL Facility Status: Cleanup Complete Hazard ID: 24353	4747 PEGER RD.	E 1/2 - 1 (0.878 mi.)	5	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRBANKS NATURAL GA	2942 TRIA ROAD	SW 0 - 1/8 (0.083 mi.)	1	8

## EXECUTIVE SUMMARY

Facility Status: Cleanup Complete  
Hazard ID: 26420

<b>ALASKA WESTERN STAR</b>	<b>3050 VAN HORN ROAD</b>	<b>NE 1/2 - 1 (0.768 mi.)</b>	<b>A2</b>	<b>11</b>
Facility Status: Cleanup Complete - Institutional Controls Hazard ID: 3077				
CHRIS BERG INCORPORA	2888 VAN HORN ROAD	NE 1/2 - 1 (0.792 mi.)	A3	18
Facility Status: Cleanup Complete Hazard ID: 24278				
<b>BLOOM ENTERPRISES</b>	<b>2448 ARVILLA STREET</b>	<b>NE 1/2 - 1 (0.823 mi.)</b>	<b>4</b>	<b>19</b>
Facility Status: Active Hazard ID: 546 Hazard ID: 26896				
<b>AIR NORTH (BEN LOMAN</b>	<b>2209 DONALD AVENUE M</b>	<b>ENE 1/2 - 1 (0.918 mi.)</b>	<b>6</b>	<b>30</b>
Facility Status: Cleanup Complete Facility Status: Active Hazard ID: 23784 Hazard ID: 160				
BRICE, SAM R.	BLOCK 102 LOT 2 FAIR	WNW 1/2 - 1 (0.997 mi.)	7	39
Facility Status: Cleanup Complete Hazard ID: 24983				

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

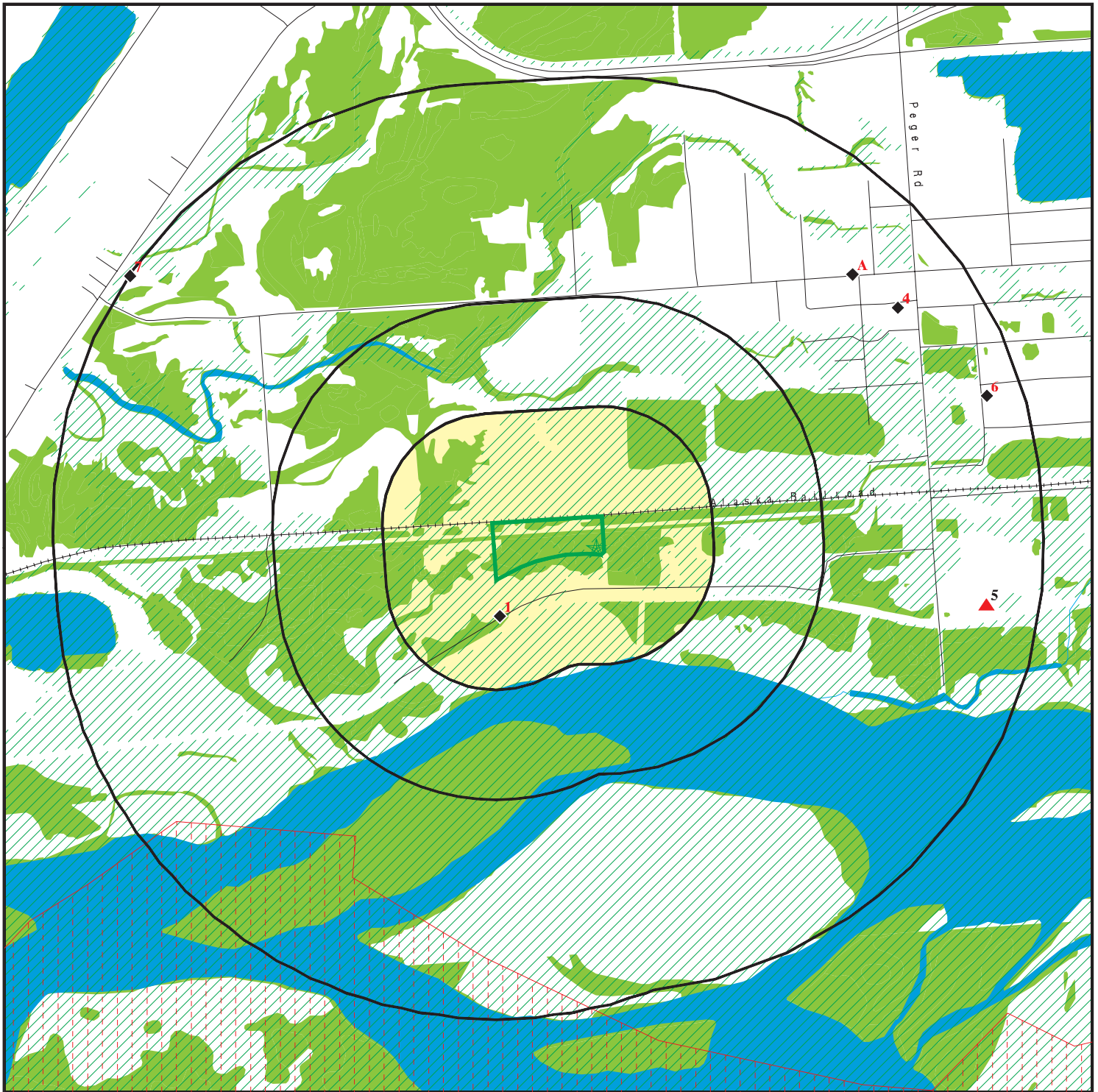
A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.







<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORT WAINWRIGHT		SSW 1/2 - 1 (0.664 mi.)	0	8

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 6099377.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

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








SITE NAME: Tract A & TL 2914  
 ADDRESS: FNG Court  
 Fairbanks AK 99709  
 LAT/LONG: 64.804542 / 147.8045






CLIENT: Nortech Environmental & Engineering Co.  
 CONTACT: Hilary Clifton  
 INQUIRY #: 6099377.2s  
 DATE: June 22, 2020 1:21 pm



# DETAIL MAP - 6099377.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

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

SITE NAME: Tract A & TL 2914  
 ADDRESS: FNG Court  
 Fairbanks AK 99709  
 LAT/LONG: 64.804542 / 147.8045

CLIENT: Nortech Environmental & Engineering Co.  
 CONTACT: Hilary Clifton  
 INQUIRY #: 6099377.2s  
 DATE: June 22, 2020 1:21 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		1	0	0	6	NR	7
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	1	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF	0.001		0	NR	NR	NR	NR	0
--------	-------	--	---	----	----	----	----	---

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	1	0	0	7	0	8

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOD**  
**Region**  
**SSW**  
**1/2-1**  
**3506 ft.**

**FORT WAINWRIGHT**  
**FORT WAINWRIGHT (County), AK**

**DOD** **CUSA148217**  
**N/A**

**DOD:**

Feature 1: Army DOD  
Feature 2: Not reported  
Feature 3: Not reported  
URL: Not reported  
Name 1: Fort Wainwright  
Name 2: Not reported  
Name 3: Not reported  
State: AK  
DOD Site: Yes  
Tile name: AKFAIRBANKS\_NORTH\_STAR

**1**  
**SW**  
**< 1/8**  
**0.083 mi.**  
**437 ft.**

**FAIRBANKS NATURAL GAS TANANA LEVEE INDUSTRIAL PARK**  
**2942 TRIA ROAD**  
**FAIRBANKS, AK 99709**

**SHWS** **S118149556**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**441 ft.**

**SHWS:**

Name: FAIRBANKS NATURAL GAS TANANA LEVEE INDUSTRIAL PARK  
Address: 2942 TRIA ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
File Number: 100.38.260  
Staff: Not reported  
Facility Status: Cleanup Complete  
Latitude: 64.803885  
Longitude: -147.794000  
Hazard ID: 26420  
Problem: In April 2015 petroleum-stained surface soil was discovered in several locations at the Fairbanks Natural Gas facility on Tracts C and D of the Tanana Levee Industrial Park subdivision. Phase I and limited Phase II environmental site assessments were conducted in May and June, 2015 respectively. Diesel range organics, residual range organics, and arsenic were confirmed present in surface soil above DEC cleanup levels. Limited removal action was planned for the east area vehicle track and the primary vehicle track in 2015.

**Actions:**

Action Date: 9/21/2015  
Action: Report or Workplan Review - Other  
DEC Staff: Janice Wiegers  
Action Description: Received Limited Removal Action Report from Shannon & Wilson. Approximately 8 cubic yards of soil was removed and 7 samples collected. The samples were analyzed for BTEX, DRO, RRO, and PAHs. No contaminants were present in the excavation limits above ADEC soil cleanup levels. The removed soil was treated at OIT.

Action Date: 8/5/2015  
Action: Cleanup Plan Approved  
DEC Staff: Robert Burgess  
Action Description: DEC approved the Limited Removal Action Work Plan which describes plans to excavate and dispose of stained soil at two locations.

Action Date: 8/12/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRBANKS NATURAL GAS TANANA LEVEE INDUSTRIAL PARK (Continued)**

**S118149556**

Action: Site Visit  
DEC Staff: Robert Burgess  
Action Description: DEC project manager visited the site to observe excavation and sampling activities. Soil at two locations was excavated to approximately two feet. Field screening and confirmation samples were taken according to procedures described in the workplan. Scattered stains less than two feet in diameter were present in a few locations at the site; some of these had been tested in the Phase II assessment and are below cleanup levels. Any contamination remaining at the site is likely de minimis.

Action Date: 7/30/2015  
Action: Exposure Tracking Model Ranking  
DEC Staff: Mitzi Read  
Action Description: Initial ranking with ETM completed for source area id: 79790 name: Petroleum-Stained Surface Soil

Action Date: 7/29/2015  
Action: Spill Transferred from Prevention Preparedness and Response Program  
DEC Staff: Mitzi Read  
Action Description: Spill transferred by PERP staff Ashley Adamczak. Spill no. 15309909702; spill date = 4/7/15; substance = unknown; quantity = unknown.

Action Date: 7/28/2015  
Action: Site Added to Database  
DEC Staff: Mitzi Read  
Action Description: A new site has been added to the database

Action Date: 10/30/2015  
Action: Cleanup Complete Determination Issued  
DEC Staff: Robert Burgess  
Action Description: Final cleanup report indicated that no contamination remains above ADEC cleanup levels at the stained areas noted in the Phase II report. Not reported

**Contaminants:**

Staff: Not reported

Contaminate Name1: Fairbanks Natural Gas Tanana Levee Industrial Park  
Contaminate Level Description1: < Method 2 Most Stringent  
Contaminate Media1: Soil

Control Type: No ICs Required  
Control Details Description1: Movement or use of contaminated material (including on site) in a manner that res  
Contaminant CTD: Not reported  
Contaminant CDR: Not reported  
Comments: Not reported

Staff: Not reported

Contaminate Name1: Fairbanks Natural Gas Tanana Levee Industrial Park  
Contaminate Level Description1: < Method 2 Most Stringent  
Contaminate Media1: Soil

Control Type: No ICs Required  
Control Details Description1: Advance approval required to transport soil or groundwater off-site.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRBANKS NATURAL GAS TANANA LEVEE INDUSTRIAL PARK (Continued)**

**S118149556**

Contaminant CTD:	Not reported
Contaminant CDR:	Not reported
Comments:	Not reported
Staff:	Not reported
Contaminate Name1:	Fairbanks Natural Gas Tanana Levee Industrial Park
Contaminate Level Description1:	< Method 2 Most Stringent
Contaminate Media1:	Soil
Control Type:	No ICs Required
Control Details Description1:	Movement or use of contaminated material (including on site) in a manner that res
Contaminant CTD:	Not reported
Contaminant CDR:	Not reported
Comments:	Not reported
Staff:	Not reported
Contaminate Name1:	Fairbanks Natural Gas Tanana Levee Industrial Park
Contaminate Level Description1:	< Method 2 Most Stringent
Contaminate Media1:	Soil
Control Type:	No ICs Required
Control Details Description1:	Advance approval required to transport soil or groundwater off-site.
Contaminant CTD:	Not reported
Contaminant CDR:	Not reported
Comments:	Not reported
Staff:	Not reported
Contaminate Name1:	Fairbanks Natural Gas Tanana Levee Industrial Park
Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	No ICs Required
Control Details Description1:	Movement or use of contaminated material (including on site) in a manner that res
Contaminant CTD:	Not reported
Contaminant CDR:	Not reported
Comments:	Concentrations are consistent with background levels for the area, and the contaminant is not attributable to known activities at the site.
Staff:	Not reported
Contaminate Name1:	Fairbanks Natural Gas Tanana Levee Industrial Park
Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	No ICs Required
Control Details Description1:	Advance approval required to transport soil or groundwater off-site.
Contaminant CTD:	Not reported
Contaminant CDR:	Not reported
Comments:	Concentrations are consistent with background levels for the area, and the contaminant is not attributable to known activities at the site.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**A2**  
**NE**  
**1/2-1**  
**0.768 mi.**  
**4057 ft.**  
**Site 1 of 2 in cluster A**

**SHWS**  
**INST CONTROL**  
**S104892906**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**440 ft.**

**SHWS:**

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
File Number: 100.38.130  
Staff: IC Unit, 9074655229 ,dec.icunit@alaska.gov  
Facility Status: Cleanup Complete - Institutional Controls  
Latitude: 64.813437  
Longitude: -147.789765  
Hazard ID: 3077  
Problem: Contamination from an old leach field. There are elevated levels of PCE, TCE and DRO in the groundwater above MCLs. No contamination was detected at the on-site well (well depth is 38-40 below ground surface, screened 5-10 ). Upgradient sampling did not indicate any off-site contamination. The consultant states that the contamination appears to be coming from the old leach field. Lots 1, 2, and 13 North Cartwright Industrial Park Subdivision. Site inspection occurred on July 31, 1998 which identified contamination at the site. Other contact phone number is (907) 479-7619.

**Actions:**

Action Date: 8/5/2008  
Action: Meeting or Teleconference Held  
DEC Staff: Tamara Cardona-Marek  
Action Description: Meeting with consultant Travis /Peterson about actions needed on site. ADEC requested temporary well points at the old leach field location and downgradient of the old leach field. Analysis for DRO, RRO, GRO and VOC's requested on groundwater samples. Location of the supply well requested to determine if it needs to be sampled.

Action Date: 8/1/2011  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: DEC received Well Decommissioning report from Travis/Peterson. Four wells were decommissioned.

Action Date: 7/7/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Sent letter requesting site status and assessment plans. Nothing has been received since last communication.

Action Date: 7/3/2013  
Action: Institutional Control Update  
DEC Staff: Kristin Thompson  
Action Description: Staff changed from Tamara Cardona-Marek to IC Unit.

Action Date: 7/22/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Received fax from Ed Darby at Raintree properties. He has hired Travis/Peterson, they should be submitting a work plan within the next few weeks.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALASKA WESTERN STAR L.P. (Continued)**

**S104892906**

Action Date: 7/19/1999  
Action: Site Added to Database  
DEC Staff: Deborah Williams  
Action Description: Elevated levels of PCE, TCE and DRO in the groundwater above MCLs.

Action Date: 7/19/1999  
Action: Site Ranked Using the AHRM  
DEC Staff: Deborah Williams  
Action Description: By staff.

Action Date: 7/10/2002  
Action: GIS Position Updated  
DEC Staff: Heather Goldman  
Action Description: Changed the Latitude, Longitude, Method Accuracy, Accuracy and Unit fields.

Action Date: 6/6/2019  
Action: Institutional Control Compliance Review  
DEC Staff: Evonne Reese  
Action Description: IC compliance completed and a reminder letter was issued.

Action Date: 5/14/2014  
Action: Institutional Control Compliance Review  
DEC Staff: Kristin Thompson  
Action Description: IC compliance review conducted. IC reminder letter issued. Reminder system set to follow-up in 2019.

Action Date: 4/9/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Letter sent to current property owners requesting information on the environmental status of the site and their willingness to do additional assessment.

Action Date: 4/7/2008  
Action: Exposure Tracking Model Ranking  
DEC Staff: Tamara Cardona-Marek  
Action Description: Initial ranking with ETM completed.

Action Date: 4/23/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Spoke with Ed Derby from Raintree Properties. His records indicate at the time the property was purchased no information was provided regarding contamination. He is not sure previous owner (Ray Kimberlain) was aware of contamination. Will look into doing a site assessment to obtain closure.

Action Date: 4/12/2011  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Travis / Peterson has proposed to re-drill the wells as a method for decommissioning the remaining monitoring wells. Work will be performed during July/August 2011.

Action Date: 3/31/2011  
Action: Institutional Control Compliance Review

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALASKA WESTERN STAR L.P. (Continued)**

**S104892906**

DEC Staff: Erik Norberg  
Action Description: IC review conducted.

Action Date: 3/24/2011  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: DEC sent letter to responsible party indicating that sampling of the drinking water well is complete but decommissioning of the monitoring wells continues to be an outstanding issue of the Cleanup Complete with Institutional Controls determination.

Action Date: 2/9/2009  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Spoke with site owner (Ed Darby, Truckwell) to remind him of need to record Deed Notice. He was not aware of this since it was sent to Arnie Swanson (partner at Truckwell). DEC staff e-mailed Deed Notice to Ed Darby.

Action Date: 2/18/2009  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Copy of recorded deed notice received from consultant. Recorded on 02/10/2009.

Action Date: 2/15/2011  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: DEC received from Truckwell of Alaska the results of the sampling of the drinking water well. Drinking water well was sampled per the requirements of the cleanup complete with IC's determination in July 2010. No diesel range organics or volatile organic compounds were detected in the sample.

Action Date: 12/4/2013  
Action: Institutional Control Compliance Review  
DEC Staff: Evonne Reese  
Action Description: IC review conducted. Reminder system set up for reminder letter in 2014.

Action Date: 12/4/2013  
Action: Update or Other Action  
DEC Staff: Michelle Barnes  
Action Description: Site symbol visually adjusted using ArcGIS and documents from file. 12/04/13; MLB. 64.813437, -147.789765.

Action Date: 11/10/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: ADEC sent letter to RP requesting conceptual site model for the site. Additional evaluation of the site will be done once this information has been received.

Action Date: 10/24/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: ADEC received from TPECI the depths to groundwater in the temporary

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALASKA WESTERN STAR L.P. (Continued)**

**S104892906**

wells during sampling. ADEC will evaluate this data.

Action Date: 10/13/2008  
Action: Report or Workplan Review - Other  
DEC Staff: Tamara Cardona-Marek  
Action Description: Received the Travis/Peterson Groundwater Monitoring Report for the three temporary wells installed at the site. One well had detectable levels of PCE but below cleanup level. However, groundwater depth was not measured at the time the samples were collected therefore ADEC requested re-sampling of the wells.

Action Date: 1/5/2009  
Action: Cleanup Complete Determination Issued  
DEC Staff: Tamara Cardona-Marek  
Action Description: ADEC granted a Cleanup Complete with Institutional Controls determination on December 17, 2008.

Action Date: 1/5/2009  
Action: Institutional Control Record Established  
DEC Staff: Tamara Cardona-Marek  
Action Description: Institutional Controls established and entered into the database.

Action Date: 1/5/2009  
Action: Record of Decision  
DEC Staff: Tamara Cardona-Marek  
Action Description: Cleanup Complete with Institutional Controls record of decision signed by responsible party and received on December 31, 2008.

Contaminants:  
Staff: IC Unit, 9074655229 ,dec.icunit@alaska.gov

Contaminate Name1: Alaska Western Star L.P.  
Contaminate Level Description1: > Table C  
Contaminate Media1: Groundwater

Control Type: Notice of Environmental Contamination  
Control Details Description1: Advance approval required to transport soil or groundwater off-site.  
Contaminant CTD: A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.

Contaminant CDR: ADEC must approve any plans for excavation or installation of additional wells.

Comments: Not reported

Staff: IC Unit, 9074655229 ,dec.icunit@alaska.gov

Contaminate Name1: Alaska Western Star L.P.  
Contaminate Level Description1: > Table C  
Contaminate Media1: Groundwater

Control Type: Notice of Environmental Contamination  
Control Details Description1: Other  
Contaminant CTD: A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.

Contaminant CDR: Any existing monitoring wells (temporary or permanent) that are not needed for monitoring must be decommissioned in accordance with DEC guidance.

Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALASKA WESTERN STAR L.P. (Continued)**

**S104892906**

Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	> Table C
Contaminate Media1:	Groundwater
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Groundwater Use Restrictions
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	Installation of additional groundwater wells must be approved by ADEC.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	> Table C
Contaminate Media1:	Groundwater
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Other
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	ADEC must be informed of any land use changes or property transfers.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	> Table C
Contaminate Media1:	Groundwater
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Excavation / Soil Movement Restrictions
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	Any on site excavation must be approved by ADEC.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Advance approval required to transport soil or groundwater off-site.
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	ADEC must approve any plans for excavation or installation of additional wells.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALASKA WESTERN STAR L.P. (Continued)**

**S104892906**

Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Other
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	Any existing monitoring wells (temporary or permanent) that are not needed for monitoring must be decommissioned in accordance with DEC guidance.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Groundwater Use Restrictions
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	Installation of additional groundwater wells must be approved by ADEC.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Other
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	ADEC must be informed of any land use changes or property transfers.
Comments:	Not reported
Staff:	IC Unit, 9074655229 ,dec.icunit@alaska.gov
Contaminate Name1:	Alaska Western Star L.P.
Contaminate Level Description1:	Between Method 2 Migration to Groundwater and Human Health/Ingestion/Inhalation
Contaminate Media1:	Soil
Control Type:	Notice of Environmental Contamination
Control Details Description1:	Excavation / Soil Movement Restrictions
Contaminant CTD:	A copy of this recorded document is expected to be returned to DEC on or prior to February 17, 2009.
Contaminant CDR:	Any on site excavation must be approved by ADEC.
Comments:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALASKA WESTERN STAR L.P. (Continued)**

**S104892906**

Inst Control:

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
Hazard ID: 3077  
Facility Status: Cleanup Complete - Institutional Controls  
Action: Institutional Control Record Established  
Action Date: 1/5/2009  
File Number: 100.38.130

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
Hazard ID: 3077  
Facility Status: Cleanup Complete - Institutional Controls  
Action: Institutional Control Compliance Review  
Action Date: 3/31/2011  
File Number: 100.38.130

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
Hazard ID: 3077  
Facility Status: Cleanup Complete - Institutional Controls  
Action: Institutional Control Update  
Action Date: 7/3/2013  
File Number: 100.38.130

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
Hazard ID: 3077  
Facility Status: Cleanup Complete - Institutional Controls  
Action: Institutional Control Compliance Review  
Action Date: 12/4/2013  
File Number: 100.38.130

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
Hazard ID: 3077  
Facility Status: Cleanup Complete - Institutional Controls  
Action: Institutional Control Compliance Review  
Action Date: 5/14/2014  
File Number: 100.38.130

Name: ALASKA WESTERN STAR L.P.  
Address: 3050 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99709  
Hazard ID: 3077  
Facility Status: Cleanup Complete - Institutional Controls  
Action: Institutional Control Compliance Review  
Action Date: 6/6/2019  
File Number: 100.38.130

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**A3**  
**NE**  
**1/2-1**  
**0.792 mi.**  
**4183 ft.**  
**Site 2 of 2 in cluster A**

**SHWS** **S109256314**  
**N/A**

**Relative:**  
**Lower**

SHWS:

**Actual:**  
**440 ft.**

Name: CHRIS BERG INCORPORATED.  
Address: 2888 VAN HORN ROAD  
City,State,Zip: FAIRBANKS, AK 99701  
File Number: 102.26.036  
Staff: Not reported  
Facility Status: Cleanup Complete  
Latitude: 64.814110  
Longitude: -147.783220  
Hazard ID: 24278  
Problem: Plan for landspreading (30 cubic yds.) of the stockpiled soils has been proposed and ADEC is awaiting revised plan.(scp)

**Actions:**

Action Date: 9/5/1991  
Action: Site Added to Database  
DEC Staff: \* Not Assigned  
Action Description: Not reported

Action Date: 9/5/1991  
Action: Leaking Underground Storage Tank Corrective Action Underway  
DEC Staff: \* Not Assigned  
Action Description: RAPR; Shannon & Wilson proposes landspreading of stockpiled soil which has an average diesel range petroleum hydrocarbon level of 160 ppm.

Action Date: 9/5/1991  
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum  
DEC Staff: \* Not Assigned  
Action Description: Entered by JC (QAQC work)

Action Date: 8/6/1991  
Action: Leaking Underground Storage Tank Emergency Response  
DEC Staff: \* Not Assigned  
Action Description: IA; Contaminated soils excavated & stockpiled; hole filled w/clean gravel.

Action Date: 8/26/1991  
Action: Release Investigation  
DEC Staff: \* Not Assigned  
Action Description: RELR; DRPH = 160 ppm. Matrix score = 37.

Action Date: 8/20/1991  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: CORR; Belyea 8-20-91, Gibler 3-25-92.

Action Date: 6/9/1992  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: RAU; Gibler noted landspreading was started.

Action Date: 6/25/1991  
Action: Release Investigation



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHRIS BERG INCORPORATED. (Continued)**

**S109256314**

DEC Staff: \* Not Assigned  
Action Description: SA2; 1500 gal diesel tank removed. Sampling and further excavation by S&W determined contamination had been removed. Approx. 30 cu. yds of soil stockpiled on site.

Action Date: 3/25/1992  
Action: Leaking Underground Storage Tank Corrective Action Underway  
DEC Staff: \* Not Assigned  
Action Description: LCAR; Land spreading of contaminated soils requires clarification before approval.

Action Date: 3/24/1992  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: NOR; 8-20-91 to D. Belyea

Action Date: 12/3/1994  
Action: Site Closure Approved  
DEC Staff: \* Not Assigned  
Action Description: CLOS; Hung: NFA letter sent to RP after review of Shannon & Wilson, Inc. Completion Of Remedial Activities At UST Site, 2888 West Van Horn Road, Fairbanks, Alaska. Landspreading of approx. 30 cubic yards contam. soil excavated on 6/25/91 yielded DRPH conc. below detection limits on 2 samples. Landspreading done 5/92 to 9/92. Previous score = 22.:CLOS Date changed DB conversion

Action Date: 12/2/1994  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: TECH; FAP requested info. re- exact date of rept. of release. RP repted release, as date of SA, 8/6/91. Note in file release occurred prior to 6/25/91. SA rec'd by DEC 9/19/91. Assume prior case officer meant RP repted release when RPCON wrote report.

Action Date: 10/3/1991  
Action: Leaking Underground Storage Tank Corrective Action Underway  
DEC Staff: \* Not Assigned  
Action Description: RAPR; Approximate date. Basketfield approved landspreading of 30 cubic yard stockpile spring '92.

4  
NE  
1/2-1  
0.823 mi.  
4348 ft.

**BLOOM ENTERPRISES**  
**2448 ARVILLA STREET VAN HORN AND PEGER ROADS**  
**FAIRBANKS, AK 99709**

**SHWS S104892919**  
**PFAS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**440 ft.**

SHWS:  
Name: BLOOM ENTERPRISES  
Address: 2448 ARVILLA STREET VAN HORN AND PEGER ROADS  
City,State,Zip: FAIRBANKS, AK 99709  
File Number: 100.38.134  
Staff: Robert Burgess, 9074512153 ,robert.burgess@alaska.gov  
Facility Status: Active  
Latitude: 64.812220  
Longitude: -147.777440  
Hazard ID: 546  
Problem: Benzene contamination found in 6/1987 in water well. Diesel and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

gasoline tanks on site. Dates of release, extent of contamination, and health impact unknown. A Class IV injection well was excavated in 1994. Samples taken during excavation activities indicate that groundwater was still impacted at this time. Possible Leaking Underground Storage Tank (LUST) site.

**Actions:**

Action Date: 9/22/1987  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: (Old R:Base Action Code = RAPR - Remedial Action Plan Review (CS)).  
QA plan for limited drinking water survey for volatile organic components.

Action Date: 8/8/2006  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: ADEC sent a letter to Gene Bloom giving a date of September 18, 2006 to respond to ADEC regarding their intentions of further characterization at the Bloom Enterprises site.

Action Date: 8/31/2015  
Action: Update or Other Action  
DEC Staff: John Carnahan  
Action Description: Updated letter request to Bloom Enterprises requesting response to June 2014 letter.

Action Date: 8/25/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Received response from Bloom's attorney. Response includes analysis of well and waste water. Sampling locations not specified. Waste water had DRO above cleanup level. Response drafted requesting location of groundwater well and location where waste water sample was collected.

Action Date: 7/7/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Sent letter requesting site status. No response was received after 2nd letter responding to Bloom's attorney.

Action Date: 7/31/2014  
Action: Update or Other Action  
DEC Staff: Kristin Thompson  
Action Description: Staff changed from Amy Dieffenbacher to Melody Debenham.

Action Date: 7/10/2002  
Action: GIS Position Updated  
DEC Staff: Heather Goldman  
Action Description: Plotted latitude and longitude coordinates and found them to be acceptable for associated property or address.

Action Date: 6/4/1996  
Action: Site Ranked Using the AHRM  
DEC Staff: Shah Alam  
Action Description: Reranked by Project manager, Shah Alam, based on the population growth in the area and the injection well closure work done since

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

last ranking in 1990.

Action Date: 6/4/1996  
Action: Update or Other Action  
DEC Staff: Shah Alam  
Action Description: The injection well closure in 1994 removed one possible source of the groundwater contamination. The location of this site in an industrial area suggests multiple sources of contamination. The proposed South Fairbanks Groundwater Study includes this site and will address the contamination problem at this site.

Action Date: 6/30/2005  
Action: Potentially Responsible Party/State Interest Letter  
DEC Staff: Kim DeRuyter  
Action Description: PRP letter sent.

Action Date: 6/3/2014  
Action: Report or Workplan Review - Other  
DEC Staff: Amy Rodman  
Action Description: Mailed report approval and workplan request letter to RP via USPS Certified Mail.

Action Date: 6/29/1987  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: (Old R:Base Action Code = FI - Field Inspection (General)).  
Groundwater sample collected from Bloom Enterprises on 6/16/87.  
Analysis indicates up to 10 ppb benzene.

Action Date: 6/15/2007  
Action: Exposure Tracking Model Ranking  
DEC Staff: Deborah Williams  
Action Description: Initial ranking completed.

Action Date: 5/20/1996  
Action: Update or Other Action  
DEC Staff: Shah Alam  
Action Description: The groundwater samples in 1987 were collected to determine a possible contamination from spills at the Fairbanks Metro Airfield.

Action Date: 5/16/2014  
Action: Update or Other Action  
DEC Staff: Amy Rodman  
Action Description: Received written (email) confirmation from Bloom Enterprises employee (via consultant) that drinking water is provided by water cooler (delivered by offsite vendor) and not water from onsite well. Verbal confirmation from consultant that well water is only used for maintenance shop, heavy equipment washing, toilets, hand-washing. Called Mike Jaynes (ADEC Fairbanks Drinking Water Program) to include him in communication loop.

Action Date: 5/15/2014  
Action: Update or Other Action  
DEC Staff: Amy Rodman  
Action Description: Received water sample results from consultant (via email). Tap water from the bathroom sink was sampled for volatile organic compounds analysis using method EPA 524.2. Benzene detected at 0.0048 mg/L and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

styrene detected at 0.00029J mg/L. Cleanup level for benzene is 0.005 mg/L and styrene is 0.1 mg/L.

Action Date: 4/26/1996  
Action: Update or Other Action  
DEC Staff: Shah Alam  
Action Description: Staff spoke with Mr. Gene Bloom on 4/4/1996 and 4/15/1996 for information. AGRA Earth and Environmental (Mr. Larry Peterson) faxed information. On 4/29/1994 RZA Agra submitted documentation to the EPA that the leach field soils at Bloom Enterprises had been disposed of according to the Alaska Department of Environmental Conservation soil cleanup criteria.

Action Date: 3/6/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: A letter was received from Mr. Bloom's attorney stating his concern about cost recovery.

Action Date: 3/30/2005  
Action: Update or Other Action  
DEC Staff: Kim DeRuyter  
Action Description: Reviewed and summarized file.

Action Date: 3/24/2014  
Action: Update or Other Action  
DEC Staff: Amy Rodman  
Action Description: Potential consultant contacted ADEC via phone, requesting data and data gaps for property refinance purposes.

Action Date: 2/4/2010  
Action: Meeting or Teleconference Held  
DEC Staff: Jim Fish  
Action Description: Met with Tom Rogers of GHU who wanted information on this contaminated site; GHU plans to install subsurface sewer and water lines in April 2010, along Peger (and Van Horn) Road.

Action Date: 2/23/1994  
Action: Update or Other Action  
DEC Staff: Jeff Peterson  
Action Description: (Old R:Base Action Code = RPL2 - Site Information Request Letter). Sent PRP-CS Database Notification Letter to RP requesting update and more environmental information concerning contaminated site. As of this complete date no response has been received.

Action Date: 2/17/2010  
Action: Update or Other Action  
DEC Staff: Jim Fish  
Action Description: Sent Informational letter to GHU indicating actions to take if contaminated soils or gw is encountered during nearby trenching.

Action Date: 12/5/1990  
Action: Site Ranked Using the AHRM  
DEC Staff: No Longer Assigned  
Action Description: Initial ranking.

Action Date: 11/6/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

Action: Update or Other Action  
DEC Staff: Janice Wiegiers  
Action Description: Transferred site management from Tamara Cardona-Marek to Jim Fish.

Action Date: 11/30/2016  
Action: Update or Other Action  
DEC Staff: John Carnahan  
Action Description: Detailed review of site to determine outstanding requirements completed.

Action Date: 11/10/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: ADEC sent letter to RP and copied attorney requesting additional information including chromatogram for the DRO analysis of wastewater, location of well, and location of wastewater sample. ADEC also requested a meeting with the RP to discuss the site.

Action Date: 10/6/1994  
Action: Update or Other Action  
DEC Staff: Jeff Peterson  
Action Description: Reviewed file and updated database.

Action Date: 10/17/2006  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: ADEC received from Gene Bloom test results for new well. Samples were taken from bathroom sink in 2005. Benzene concentrations were 2.16 ug/L. The old well was decommissioned in 2000.

Action Date: 1/7/2008  
Action: Update or Other Action  
DEC Staff: Tamara Cardona-Marek  
Action Description: Letter sent to RP (Gene Bloom) requesting the location of the new well and possibly additional sampling (DRO and GRO).

Action Date: 1/6/2017  
Action: Update or Other Action  
DEC Staff: John Carnahan  
Action Description: Sent letter to responsible party requesting information specific to previous investigations, and requesting water well sampling.

Action Date: 1/29/2014  
Action: Update or Other Action  
DEC Staff: Rebecca Bryan  
Action Description: Site transferred from Fish to Dieffenbacher.

Action Date: 1/25/1994  
Action: Site Added to Database  
DEC Staff: No Longer Assigned  
Action Description: Diesel and gasoline contamination.

**Contaminants:**

Staff: Robert Burgess, 9074512153 ,robert.burgess@alaska.gov

Contaminate Name1: Bloom Enterprises

Contaminate Level Description1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

Contaminate Media1: Not reported

Control Type: Not reported  
Control Details Description1: Not reported  
Contaminant CTD: Not reported  
Contaminant CDR: Not reported  
Comments: Not reported

Name: BLOOM ENTERPRISES FIRE  
Address: 2448 ARVILLA STREET  
City,State,Zip: FAIRBANKS, AK 99709  
File Number: 100.38.280  
Staff: Robert Burgess, 9074512153 ,robert.burgess@alaska.gov  
Facility Status: Active  
Latitude: 64.812436  
Longitude: -147.779854  
Hazard ID: 26896  
Problem: On 5/9/17 a spill occurred as a result of fire originating near an incinerator unit where large quantities of used vegetable oil had been stored in plastic containers. The plastic containers melted during the incident, releasing the vegetable oil. In addition, located in the laydown yard where the fire occurred, a few containers of seal coat (a petroleum based asphalt coating) also melted. Two fire departments were able to extinguish the fire using aqueous film forming foam (AFFF) and by overhauling the affected infrastructure. Some contamination was contained by creating berms and using a sump to collect the oil/water mixture. Pooled product was collected using absorbent material, a rope mop skimmer, and a vacuum truck. Recovered liquids were stored in a 10,000 gallon storage tank on site for future treatment and disposal.

**Actions:**

Action Date: 9/26/2018  
Action: Site Visit  
DEC Staff: Robert Burgess  
Action Description: DEC staff visited the stockpile located on Chena Point Road, following up on a complaint from a concerned citizen. The majority of material had been removed, however the remaining contaminated soil was not covered and water from heavy precipitation in recent weeks was pooled in the stockpiled soil. Observations of grade and erosion suggest that water may drain out of the stockpile from the front side, which is not bermed, then towards the gravel pit.

Action Date: 9/25/2018  
Action: Update or Other Action  
DEC Staff: Robert Burgess  
Action Description: The DEC received a complaint from a member of the public concerned about the condition of the stockpile located on Chena Point Road. Complainant stated that water was draining from the uncovered stockpile into the 80-foot deep pit where gravel is mined and is concerned that contaminants may be entering groundwater.

Action Date: 8/10/2018  
Action: Update or Other Action  
DEC Staff: Robert Burgess  
Action Description: The DEC contacted Bloom Enterprise's consultant to inquire about the status of the stockpile, site characterization plans, and other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

issues documented in the letter sent July 11. A response was received that stated that the portion of the stockpile remaining at the Chena Point location would be moved to the Bloom Enterprises equipment yard by August 17.

Action Date: 8/1/2018  
Action: Site Added to Database  
DEC Staff: Mitzi Read  
Action Description: A new site has been added to the database

Action Date: 7/30/2019  
Action: Update or Other Action  
DEC Staff: Robert Burgess  
Action Description: Letter sent to Bloom Enterprises, Inc. and the registered agent for the company. Letter requested an update on plans to address contamination, information regarding status of the company, and a new contact for the site work. Operations manager for the company indicated she is no longer the contact for Bloom Enterprises.

Action Date: 7/24/2018  
Action: Spill Transferred from Prevention Preparedness and Response Program  
DEC Staff: Mitzi Read  
Action Description: Spill transferred by PPRP staff Mike Garrett. Spill no. 17309912901; spill date = 5/9/17; substance = vegetable oil, Seal Cote (petroleum based asphalt coating), aqueous film-forming foam (AFFF); quantity = unknown (>100 gallons); cause = fire started from incinerator.

Action Date: 7/17/2019  
Action: Update or Other Action  
DEC Staff: Robert Burgess  
Action Description: DEC received the sample results from private well sampling at properties downgradient of the release. DEC's contractors sampled wells for PFOA, PFOS, and VOCs. Results showed low level detections of PFOA and PFOS in most wells at concentrations well below applicable regulatory levels and advisories. One well also had detections of toluene and trichlorofluoromethane at concentrations well below cleanup levels.

Action Date: 7/11/2018  
Action: Report or Workplan Review - Other  
DEC Staff: Robert Burgess  
Action Description: The DEC provided comments to the Corrective Action Plan, which proposed disposing of excavated soils by burial near the location from which they were removed, and capping the location. DEC comments included concerns regarding the long-term maintenance of the cap, potential for migration through contact with groundwater, and additional concerns. A letter was sent that provided comments and set deadlines for actions at the site, including sampling groundwater as part of a site characterization effort.

Action Date: 6/21/2019  
Action: Update or Other Action  
DEC Staff: Robert Burgess  
Action Description: Due to reports from the former point of contact and business manager for Bloom Enterprises, Inc., the company may be going out of business and has sold some of its assets. Because of this and lack of any groundwater sampling at the site, the State has elected to contract

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

with an environmental consultant to sample up to four drinking water wells downgradient from the release site. Residents in the area report poor water quality, however some report using the water for cooking, and some wells are at businesses where customers or employees may be able to drink water. DEC met with the environmental consultants to discuss how to proceed. Sampling will be occurring during the week of 6/24/19.

Action Date: 5/11/2017  
Action: Potentially Responsible Party/State Interest Letter  
DEC Staff: Mitzi Read  
Action Description: Potentially Responsible Party / State Interest Letter sent to Bloom Enterprises by PPRP staff Mike Garrett.

Action Date: 10/5/2018  
Action: Report or Workplan Review - Other  
DEC Staff: Robert Burgess  
Action Description: DEC received, reviewed, and approved the Corrective Action Work Plan Addendum for the Chena Point Stockpile Soil and Water Containment and Storage. The plan describes the movement of contaminated soil in trucks with covered loads from the Chena Point site to the Arvilla Street location and provides diagrams for construction of a containment area.

Action Date: 10/3/2018  
Action: Enforcement Action  
DEC Staff: Janice Wiegers  
Action Description: DEC sent notice of violation (NOV) to Bloom Enterprises for not meeting deadlines for site characterization and cleanup. The NOV establishes a deadline of October 15 for a workplan and deadlines in November for proper containment or disposal of stockpiled soil and wastewater, characterization of ground beneath stockpile at Chena Point Road, and a drinking water well search within 1/4-mile down and cross gradient of the Arvilla Street property. Additional deadlines for reporting and site characterization are established for January 2019.

Action Date: 10/26/2018  
Action: Report or Workplan Review - Other  
DEC Staff: Robert Burgess  
Action Description: DEC received, reviewed, and approved the revised Corrective Action and Site Characterization Plan describing site characterization of the former stockpile location, results of the preliminary drinking water well search, and management of contaminated soil and water.

Action Date: 10/24/2018  
Action: Report or Workplan Review - Other  
DEC Staff: Robert Burgess  
Action Description: DEC provided comments on the Corrective Action Work Plan. Comments included requests for clarification on site history and volumes of waste (including recovered product, water, and soil), technical comments, and a request for DEC approval of sampling locations in front of the Chena Point bermed area, where water may have drained from the containment area.

Action Date: 10/19/2018  
Action: Site Visit



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

DEC Staff: Robert Burgess  
Action Description: DEC staff visited the site to observe the movement of the contaminated soil stockpile into the containment area. During a previous visit on 10/17, DEC staff had observed small amounts of soil spilling over the berms on two sides. It appeared that this issue had been corrected on 10/19. A cover was being laid down and weighted during the site visit. DEC staff discussed with Bloom employees and Bloom's environmental consultant best practices for folding the seams for the cover material and for managing water and snow.

Action Date: 10/15/2018  
Action: Report or Workplan Review - Other  
DEC Staff: Robert Burgess  
Action Description: DEC received the Corrective Action Work Plan, which includes a description of characterizing the Chena Point stockpile location and sampling drinking water wells within 1/4 mile of the release site in addition to requesting an extension on the deadline for treating or disposing of contaminated water currently being stored at the Arvilla street location.

Action Date: 10/12/2018  
Action: Site Visit  
DEC Staff: Robert Burgess  
Action Description: At Bloom's request, DEC staff visited the site to observe the stockpile containment berms. DEC staff discussed principles of stockpile management, including berm height and total capacity, with the manager of Bloom Enterprises and advised to increase the height of the berms.

Action Date: 10/10/2018  
Action: Site Visit  
DEC Staff: Robert Burgess  
Action Description: DEC visited the Chena Point stockpile location and the Arvilla street location where the release occurred to observe the progress of moving the stockpiled soil back to the Arvilla street location. The majority of stockpiled soil had been moved from the Chena Point location, and the operator was finishing scraping the footprint and berms. At the Arvilla street location, DEC staff observed a truck transporting materials without a cover. The stockpile was being temporarily placed without a liner or cover. DEC staff discussed with Bloom employees where the lined stockpile containment would be located to ensure that it doesn't interfere with site characterization efforts. DEC staff also observed that large piles of burned and oily debris has not been removed from the site, is surrounded by puddles of oil, and some compromised drums and totes remain on site and may be at risk of releasing additional product.

Action Date: 1/9/2019  
Action: Report or Workplan Review - Other  
DEC Staff: Robert Burgess  
Action Description: DEC received the Corrective Action and Site Characterization Report from Bloom's consultants. The report documents the detection of DRO and PFAS above cleanup levels in composite samples from the former stockpile location drainage area and stockpile berms, in addition to identifying nearby wells that are privately owned during a preliminary well search. Well owners report that they do not use the water for drinking due to general poor water quality in the area.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLOOM ENTERPRISES (Continued)**

**S104892919**

(However, additional follow-up interviews by the DEC project manager suggests that some residents may use water for cooking). The report also documents agreements for deadline extensions for waste treatment or disposal.

Contaminants:

Staff: Robert Burgess, 9074512153 ,robert.burgess@alaska.gov

Contaminate Name1: Bloom Enterprises Fire

Contaminate Level Description1: Not reported

Contaminate Media1: Not reported

Control Type: Not reported

Control Details Description1: Not reported

Contaminant CTD: Not reported

Contaminant CDR: Not reported

Comments: Not reported

PFAS:

Name: BLOOM ENTERPRISES FIRE

Address: 2448 ARVILLA STREET

City,State,Zip: FAIRBANKS, AK

Hazard ID: 26896

File Number: 100.38.280

Staff: Burgess, Robert

Status: Active

**5**  
**East**  
**1/2-1**  
**0.878 mi.**  
**4635 ft.**

**FMUS - WASTEWATER PLANT UST 1 & 2**  
**4747 PEGER RD.**  
**FAIRBANKS, AK 99701**

**SHWS S109256351**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**443 ft.**

SHWS:

Name: FMUS - WASTEWATER PLANT UST 1 & 2

Address: 4747 PEGER RD.

City,State,Zip: FAIRBANKS, AK 99701

File Number: 100.26.063

Staff: Not reported

Facility Status: Cleanup Complete

Latitude: 64.804180

Longitude: -147.771700

Hazard ID: 24353

Problem: (rpltr3)(scp)

Actions:

Action Date: 9/8/1992

Action: Update or Other Action

DEC Staff: \* Not Assigned

Action Description: RPL2; Peterson sent PRP-CS Database Notification Letter to RP requesting update and more environmental information concerning contaminated site. Talked to Rufus Bunch/FMUS Environmental Dept who said he had got the letters and would return, but as of this complete date no response has ever been rec'd.

Action Date: 9/30/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMUS - WASTEWATER PLANT UST 1 & 2 (Continued)**

**S109256351**

Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: NOR; Gibler - Sent notice of release letter.

Action Date: 9/30/1992  
Action: Site Added to Database  
DEC Staff: \* Not Assigned  
Action Description: Not reported

Action Date: 8/23/1993  
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum  
DEC Staff: \* Not Assigned  
Action Description: B. Klevin called to report that impacts were detected and that excavated soil was to be thermally treated. Tanks were removed from ground.

Action Date: 6/6/1994  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: CORR; Wingerter sent letter informing RP of their financial liability under new ADEC cost recovery policy. State is authorized, under Section 9003(h) of the Resource Conservation and Recovery Act to take action on this LUST facility.

Action Date: 12/4/2000  
Action: Site Closure Approved  
DEC Staff: John Carnahan  
Action Description: NFA completed on this day by JBC pursuant to review of AMEC RI.

Action Date: 11/25/1997  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: Different RP = Golden Heart Utility or Powerplant; Jane Dale; 459-6787  
Not reported

Action Date: 11/20/1997  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: ADEC sends Notification of Intent to Cost Recover Letter to Current Owner: CITY OF FAIRBANKS

Action Date: 10/26/1999  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: JBC - The analytical data in the file indicate that there were samples collected and analyzed in 1990. However, the tanks were reportedly removed in 1993. Additionally, some waste oil samples were collected in 1994. Unsure where any of the samples came from due to lack of complete information.

Action Date: 1/7/2000  
Action: Underground Storage Tank Site Characterization or Assessment  
DEC Staff: \* Not Assigned  
Action Description: GHU/AGRA submit UST Closure SA and indicated that residual contamination and reported sheen on water table require additional RI at this location. ADEC submits letter on 2/2/00 that agrees with recommendation.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMUS - WASTEWATER PLANT UST 1 & 2 (Continued)**

**S109256351**

Action Date: 1/1/1993  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: HOLD; KALU

**6**  
**ENE**  
**1/2-1**  
**0.918 mi.**  
**4845 ft.**

**AIR NORTH (BEN LOMAND)**  
**2209 DONALD AVENUE METRO FIELD**  
**FAIRBANKS, AK 99701**

**SHWS** **S105464266**  
**LUST** **N/A**

**Relative:**  
**Lower**

**SHWS:**

**Actual:**  
**440 ft.**

Name: AIR NORTH (BEN LOMAND)  
Address: 2209 DONALD AVENUE; METRO FIELD  
City,State,Zip: FAIRBANKS, AK 99701  
File Number: 100.38.119  
Staff: Not reported  
Facility Status: Cleanup Complete  
Latitude: 64.808708  
Longitude: -147.773142  
Hazard ID: 23784  
Problem: Site formerly Air North. See also file 100.23.024. Fuel spill occurred when facility operated by Air North. 40 gallons avgas recovered as of 5/25/84. Mr. Robert Hull is business manager of Ben Lomond facility. Site has history of accepting waste oil from off site for burning. former staff assigned R. Cormack.(rpltr2)(FY94)(scp) Not reported

**Actions:**

Action Date: 8/22/1989  
Action: Site Visit  
DEC Staff: \* Not Assigned  
Action Description: FI; R. Cormack inspected drum storage yard in response to citizen complaint. Several hundred drums on site, many with waste oil. Observed stained soil around drums and pallets. One drum leaking what appeared to be gasoline.

Action Date: 6/7/1984  
Action: Site Visit  
DEC Staff: \* Not Assigned  
Action Description: FI; S. Justice sampled water at facility. High concentrations of benzene, ethylbenzene and xylenes detected.

Action Date: 6/6/1994  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: CORR; Wingerter sent letter informing RP of their financial liability under new ADEC cost recovery policy. State is authorized, under Section 9003(h) of the Resource Conservation and Recovery Act to take action on this LUST facility.

Action Date: 6/24/1992  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: RPL2; ADEC/Peterson sent PRP-CS Database Notification Letter to PRP requesting update and additional environmental information concerning the contaminated site. As of this complete date no response has been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

rec'd.

Action Date: 5/3/1996  
Action: Site Closure Approved  
DEC Staff: \* Not Assigned  
Action Description: CLOS; This site was closed under the LUST program, but the contamination is being addressed under the Contaminated Sites Program. Not reported

Action Date: 5/3/1984  
Action: Update or Other Action  
DEC Staff: \* Not Assigned  
Action Description: F; Perforated pipe with sump installed for removal of underground fuel. 40 gallons recovered as of 5/25/84.

Action Date: 5/3/1984  
Action: Site Visit  
DEC Staff: \* Not Assigned  
Action Description: FI; Inspection of fuel spill from UST which occurred on or about 2/25/84. Less than 25 gal aviation gas reported discharged. Match thrown on fuel in excavation to burn it and excavation filled in while still burning.

Action Date: 2/25/1984  
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum  
DEC Staff: \* Not Assigned  
Action Description: Not reported

Action Date: 2/25/1984  
Action: Site Added to Database  
DEC Staff: \* Not Assigned  
Action Description: Not reported

Action Date: 11/6/1989  
Action: Site Visit  
DEC Staff: \* Not Assigned  
Action Description: FI; J. Ingalls, R. Cormack & L. Simmons conducted State Compliance Inspection. Found boiler gases vented to ambient air and site not complying to regulations regarding acceptance of off-site oil (no notification of EPA, no sample analyses on file to document that oil meets specifications).

Action Date: 10/27/1987  
Action: Site Visit  
DEC Staff: \* Not Assigned  
Action Description: FI; S. Justice sampled water supply which showed high levels of benzene.

Action Date: 1/7/1988  
Action: Site Visit  
DEC Staff: \* Not Assigned  
Action Description: FI; J. Mach visited shop at facility in response to citizen complaint regarding burning of used oil and other substances. Observed small, but chronic oil spills near the boiler.

Name: AIR NORTH (BEN LOMOND)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

Address: 2209 DONALD AVENUE METRO FIELD  
City,State,Zip: FAIRBANKS, AK 99701  
File Number: 100.38.119  
Staff: Shawn Tisdell, ,shawn.tisdell@alaska.gov  
Facility Status: Active  
Latitude: 64.809187  
Longitude: -147.770879  
Hazard ID: 160  
Problem: Unknown amount of avgas leaked from a UST in 1984. Nearby well had fuel contamination levels at near saturation. Perforated pipe with a sump recovered 40 gallons as of 5/25/84 and was discontinued after negligible recovery. Also, several hundred drums, some leaking, and stained soil in drum storage yard off Donald Road. Many are empty, but some contain waste oil/gas. Metro Industrial Subdivision, Block 6, Lot 1. LUST Facility ID 3410.

**Actions:**

Action Date: 9/8/2016  
Action: Update or Other Action  
DEC Staff: Janice Wiegers  
Action Description: Nortech requested deadline extension to October 15th to complete report review with client. Extension approved by DEC.

Action Date: 9/7/2012  
Action: Update or Other Action  
DEC Staff: Janice Wiegers  
Action Description: Nortech submitted letter titled 2012 Groundwater Sampling and Other Activities. The letter describes activities taken since 2008 and objectives for 2012. In 2008, 300 cubic yards of contaminated soil was excavated and placed in an on-site landfarm. Samples from the landfarm contained BTEX, GRO, EDB, and arsenic above DEC cleanup levels. An upgradient well was also installed (Well 51) in 2008. Groundwater samples were collected in 2008 and 2010 and tested for BTEX and natural attenuation parameters. BTEX remained above groundwater cleanup levels. Plans for 2008 included groundwater and drinking water sampling, landfarm evaluation, and comprehensive reporting.

Action Date: 9/27/2007  
Action: Update or Other Action  
DEC Staff: Ann Farris  
Action Description: Staff reviewed a draft site characterization report covering field work from 2005 to 2007. There are high benzene concentrations on the site in both the soil and groundwater and evidence of off-site migration. There are numerous downgradient drinking water wells. The two closest to Air North have been impacted above cleanup levels, although the most recent samples are below the cleanup level. The situation is complicated by dewatering activities to the west of the impacted properties and discontinuous permafrost. Nortech has proposed landfarming for the soil and air stripping for the groundwater because there is an air stripper on site. A better understanding of the hydrology through obtaining well construction details and installing multi-depth wells is needed. Vapor intrusion at adjacent properties must also be addressed. The remedial options appear viable. Pilot-scale testing is appropriate.

Action Date: 9/14/2004  
Action: Update or Other Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

DEC Staff: Deborah Williams  
Action Description: PRP notification letter sent to the RP regarding the requirement to submit a workplan for soil and groundwater contamination delineation.

Action Date: 9/11/2015  
Action: Update or Other Action  
DEC Staff: Janice Wiegers  
Action Description: Contacted Nortech regarding status of site; report on recent activities is being completed and will be submitted soon.

Action Date: 9/11/2008  
Action: Meeting or Teleconference Held  
DEC Staff: Ann Farris  
Action Description: Met with Robert Hull, the owner, and his consultant, Peter Beardsley at Nortech. We agreed they would submit to ADEC a work plan for 2008-2009 to include groundwater monitoring of existing wells, landfarm pilot project and qty drinking water wells at the 3 wells on property and immediately downgradient. Peter indicated he would submit the work plan by next week.

Action Date: 8/23/2006  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: Nortech, Incorporated submitted the sample results (July 2006) for the additional characterization that was completed at the Air North property in South Fairbanks. A total of three monitoring wells were installed off-site to delineate the extent of the groundwater plume. Several attempts were made by Nortech to install monitoring wells to the west and north of the Badger Towing property, but permafrost down to at least 10 feet below ground surface prevented the installation of the wells. One of the wells was installed on Tibor Road on the west side of the property. The benzene level from that well was 181 micrograms per liter (ug/L). The two other monitoring wells were installed along Peger Road to the north and south of GNI-3 well (90 ug/L benzene). Both of the wells had benzene levels below ADEC cleanup levels. The well to the north had 3.83 ug/L.

Action Date: 8/22/1989  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: R. Cormack inspected drum storage yard in response to citizen complaint. Several hundred drums on site, many with waste oil. Observed stained soil around drums and pallets. One drum leaking what appeared to be gasoline.

Action Date: 8/1/2002  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: Drinking water program stated that the East well (previously contaminated with benzene in 1987 at 1.5 mg/l) has been abandoned and a 2000 gallon water tank has replaced the well. According to the Drinking Water program, the West well is still in place.

Action Date: 7/24/2006  
Action: Meeting or Teleconference Held  
DEC Staff: Deborah Williams  
Action Description: ADEC had a meeting with Robert Hull and Peter Beardsley (Nortech)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

regarding the status of the site. Peter stated that Nortech is currently installing the off-site characterization monitoring wells and should have the results back in August. Mr. Hull stated that Culligan had gone out to Badger Towing and changed the carbon filter. They are currently evaluating the two impacted drinking water wells to extend the depth of the wells to 60 feet so that the drinking water would no longer be contaminated. According to Mr. Hull the Badger Towing site has a sand point well.

Action Date: 6/7/1984  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: S. Justice sampled water at facility. High concentration of benzene, ethylbenzene and xylenes detected.

Action Date: 6/6/1994  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: Wingerter sent letter informing RP of their financial liability under new ADEC cost recovery policy. State is authorized, under Section 9003(h) of the Resource Conservation and Recovery Act to take action on this LUST facility.

Action Date: 6/30/2016  
Action: Update or Other Action  
DEC Staff: Janice Wiegiers  
Action Description: DEC sent letter to Nortech requiring reporting for assessment and cleanup activities since 2008 by August 1, 2016.

Action Date: 6/29/2018  
Action: Meeting or Teleconference Held  
DEC Staff: Janice Wiegiers  
Action Description: Contacted Nortech for an update on activities in 2017 and for information about when the next report will be submitted. Planned site visit for summer 2018.

Action Date: 6/29/2016  
Action: Update or Other Action  
DEC Staff: Janice Wiegiers  
Action Description: Contacted Nortech Environmental to ask about status of pending report. Report is under review by the firms senior staff and will be submitted soon.

Action Date: 6/29/2006  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: ADEC received drinking water results from sampling that occurred during May/June 2006 time period. Nortech performed a drinking water well survey of the houses west of Peger Road and to the northwest of the Air North property. All the properties that had drinking water wells were sampled along with the previous impacted drinking water wells. All the wells were non-detect for benzene except the two previous drinking water wells that were over ADEC cleanup levels.

Action Date: 6/24/1992  
Action: Update or Other Action  
DEC Staff: No Longer Assigned



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

Action Description: ADEC/Peterson sent PRP-CS Database Notification Letter to PRP requesting update and additional environmental information concerning the contaminated site. As of this complete date no response has been rec'd.

Action Date: 6/21/2005  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: Received a report from NORTECH regarding the initial characterization data that was conducted at the site. Three well points were installed along the northwest perimeter of the property. Groundwater sample results indicated benzene levels at 16.4 ppb benzene in DP-2 which is in the northwest corner of the property. The other two drive points were non-detect. The east drinking water well was 1.7 ppb benzene and the west drinking water well was 1.68 ppb benzene. Test pits dug in the southeast corner of the property around the former airplane fuel island was very contaminated. No sample were collected from the fuel island area.

Action Date: 5/8/1990  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: Reckey changed to reflect LUST workplan. Old Reckey 1984310105601.

Action Date: 5/3/1984  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: Inspection of fuel spill from UST which occurred on or about 2/25/84. Less than 25 gallons aviation gas reported discharged. Match thrown on fuel in excavation to burn it and excavation filled in while still burning.

Action Date: 4/11/2002  
Action: Site Added to Database  
DEC Staff: No Longer Assigned  
Action Description: Avgas. Site had been taken off the CS Database for some reason.

Action Date: 4/11/2002  
Action: Site Ranked Using the AHRM  
DEC Staff: No Longer Assigned  
Action Description: Initial ranking.

Action Date: 3/7/2007  
Action: Exposure Tracking Model Ranking  
DEC Staff: Deborah Williams  
Action Description: Initial ranking completed.

Action Date: 3/20/2019  
Action: Meeting or Teleconference Held  
DEC Staff: Shawn Tisdell  
Action Description: DEC staff contacted a Ben Lomond representative to discuss cleanup progress at the site. The DEC letter requesting a work plan with a deadline was discussed. Concerns regarding cleanup responsibility were also discussed.

Action Date: 2/22/2016  
Action: Update or Other Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

DEC Staff: Janice Wiegers  
Action Description: DEC was notified that a new drinking water well had been installed at a property adjacent to the Air North site. Communication with Nortech indicated that monitoring wells were located at that edge of the property that did not contain contamination above cleanup levels. Due to monitoring well results and the observed plume direction, the consultant did not believe the drinking water well would be impacted by hydrocarbons from Air North.

Action Date: 12/5/1989  
Action: Notice of Violation  
DEC Staff: No Longer Assigned  
Action Description: W. McGee issued a NOV based on findings of 11/6/89 site inspection. NOV also included failure to report releases of hazardous substances at drum storage yard.

Action Date: 12/23/2016  
Action: Update or Other Action  
DEC Staff: Janice Wiegers  
Action Description: Site characterization report submitted by Nortech. Responsible party plans to decommission temporary wells, advance soil borings, install new wells, and sample the landfarm in 2017.

Action Date: 12/21/2004  
Action: Meeting or Teleconference Held  
DEC Staff: Deborah Williams  
Action Description: ADEC had a meeting with Robert Hull and John Cushman (owners of property). The sample results from the on-site well (approximately 50 to 60' bgs) EPA Method 524 showed benzene at 13 ppb. There are two well located on the property, neither are used for drinking. ADEC stated that they needed to sample the other well on the property this Spring/Summer. Also, they will need to characterize the contaminant plum along the northern and western property boundaries to verify that the contamination has not migrated off-site. Also, the consultant should complete a well search around the area to determine if any potential wells could be impacted. They are planning to hire a consultant and meet with ADEC on a plan.

Action Date: 12/12/2007  
Action: Exposure Tracking Model Ranking  
DEC Staff: Ann Farris  
Action Description: A new updated ranking with ETM has been completed.

Action Date: 11/6/1989  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: J. Ingalls, R. Cormack and L. Simmons conducted State Compliance Inspection. Found boiler gases vented to ambient air and site not complying to regulations regarding acceptance of off-site oil (no notification of EPA, no sample analyses on file to document that oil meets specifications).

Action Date: 11/21/2018  
Action: Workplan Requested  
DEC Staff: Shawn Tisdell  
Action Description: Letter sent to RP requesting a work plan that discusses the decommissioning of temporary wells, additional site characterization,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

evaluation of the landfarmed contaminated soil, assessment of the dual-phase extraction system, and additional testing of downgradient drinking water wells.

Action Date: 11/16/2006  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: ADEC received an update from Nortech. Ben Lomond installed a new well at Badger Towing. The drillers hit permafrost at 58' and set the well at that depth. A sample collected from the well after installation had 3 ug/L of benzene which is below the drinking water standard. They have not hooked up the new well yet. Nortech plans to resample the new well to see what the current levels are and decide if the new well will need a filter or not.

Action Date: 10/5/2005  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: ADEC received a report from NORTECH regarding additional characterization performed at the Air North site including sampling of the off-site drinking water well. According to the report benzene levels ranged from non-detect to 7.86 mg/L on the property. Benzene levels at the west-northwest edge of the property had benzene levels at 97.3 mg/L. GRO levels ranged up to 26.4 mg/L. EDB was also found to be a COC at the site with levels up to 0.0429 mg/L. The well at the west-northwest property boundary did not have EDB detected. The one drinking water well sampled northwest of the property had 28 ug/L benzene in it. No other volatile contaminant was detected. As a result additional drinking water wells will be collected and analyzed this week.

Action Date: 10/27/2004  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: ADEC drafted a response stating that all the drinking water wells need to be sampled and analyzed for GRO, VOCx, EDB and lead. The vertical and horizontal extent of groundwater contamination must still be determined. A workplan will be required for the characterization of the groundwater. ADEC gave them 60 days to respond with what they intend to do.

Action Date: 10/27/1987  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: S. Justice sampled water supply which showed high levels of benzene (1.5 mg/l).

Action Date: 10/22/2004  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: Received a response to the PRP/Information request letter. Robert Hull sent the letter and stated that he did not know of any additional studies that have occurred on the property. He stated that both wells on-site are in excess of 60 feet deep. The west well supplies water to the maintenance building and the east well is unused and is dormant at this time.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR NORTH (BEN LOMAND) (Continued)**

**S105464266**

Action Date: 1/7/1988  
Action: Update or Other Action  
DEC Staff: No Longer Assigned  
Action Description: J. Mach visited shop at facility in response to a citizen complaint regarding burning of used oil and other substances. Observed small, but chronic oil spills near the boiler.

Action Date: 1/29/2007  
Action: Update or Other Action  
DEC Staff: Deborah Williams  
Action Description: ADEC received sample results from the Badger Towing drinking water well and Mr. Dickman's drinking water well. A deeper drinking water well was installed at Badger Towing and the raw water sample results indicated 18.9 ppb benzene. The filter system will remain on Badger Towing's drinking water well. Mr. Dickman's well had levels below ADEC cleanup levels.

Contaminants:  
Staff: Shawn Tisdell, ,shawn.tisdell@alaska.gov

Contaminate Name1: Air North (Ben Lomond)  
Contaminate Level Description1: Not reported  
Contaminate Media1: Not reported

Control Type: Not reported  
Control Details Description1: Not reported  
Contaminant CTD: Not reported  
Contaminant CDR: Not reported  
Comments: Not reported

**LUST:**

Name: AIR NORTH (BEN LOMAND)  
Address: 2209 DONALD AVENUE METRO FIELD  
City,State,Zip: FAIRBANKS, AK 99701  
Facility Status: Cleanup Complete  
Record Key: 1984310005601  
File ID: 100.38.119  
Oname: Air North (ben Lomand)  
Lat/Lon: 64.80870 -147.7731  
Lust Event ID: 891  
CS or Lust: LUST  
Borough: Fairbanks North Star  
Staff: No Longer Assigned  
Site Type: Unknown  
Horizontal Datum: NAD83

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7  
WNW  
1/2-1  
0.997 mi.  
5266 ft.

**BRICE, SAM R.**  
**BLOCK 102 LOT 2 FAIRBANKS INTERNATIONAL AIRPORT**  
**FAIRBANKS, AK 99775**

**SHWS S109256769**  
**N/A**

**Relative:**  
**Lower**

**Actual:**  
**441 ft.**

**SHWS:**

Name: BRICE, SAM R.  
Address: BLOCK 102 LOT 2 FAIRBANKS INTERNATIONAL AIRPORT  
City,State,Zip: FAIRBANKS, AK 99775  
File Number: 100.26.107  
Staff: Not reported  
Facility Status: Cleanup Complete  
Latitude: 64.814544  
Longitude: -147.839065  
Hazard ID: 24983  
Problem: SA 6/2/94. No CN. No Post-C. No FacID.Below matrix levels.

**Actions:**

Action Date: 9/16/1989  
Action: Leaking Underground Storage Tank Cleanup Initiated - Petroleum  
DEC Staff: \* Not Assigned  
Action Description: Staff need to correct closure date as it is incorr

Action Date: 9/16/1989  
Action: Site Added to Database  
DEC Staff: \* Not Assigned  
Action Description: Not reported

Action Date: 8/21/2002  
Action: Update or Other Action  
DEC Staff: Cynthia Pring-Ham  
Action Description: RECKEY has automatically been generated.

Action Date: 11/5/1998  
Action: Site Closure Approved  
DEC Staff: \* Not Assigned  
Action Description: Staff need to correct closure date as it is incorr

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

##### **NPL: National Priority List**

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

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Quarterly

##### **NPL Site Boundaries**

###### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

##### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Quarterly

##### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/27/2020  
Date Data Arrived at EDR: 05/06/2020  
Date Made Active in Reports: 05/28/2020  
Number of Days to Update: 22

Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/03/2020  
Next Scheduled EDR Contact: 07/13/2020  
Data Release Frequency: Quarterly

### ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 04/03/2020  
Next Scheduled EDR Contact: 07/13/2020  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2020  
Date Data Arrived at EDR: 05/06/2020  
Date Made Active in Reports: 05/28/2020  
Number of Days to Update: 22

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/03/2020  
Next Scheduled EDR Contact: 07/27/2020  
Data Release Frequency: Quarterly

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/27/2020
	Data Release Frequency: Quarterly

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020	Source: EPA
Date Data Arrived at EDR: 03/25/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020  
Date Data Arrived at EDR: 03/25/2020  
Date Made Active in Reports: 05/21/2020  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: (206) 553-1200  
Last EDR Contact: 03/25/2020  
Next Scheduled EDR Contact: 07/06/2020  
Data Release Frequency: Quarterly

### RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020  
Date Data Arrived at EDR: 03/25/2020  
Date Made Active in Reports: 05/21/2020  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: (206) 553-1200  
Last EDR Contact: 03/25/2020  
Next Scheduled EDR Contact: 07/06/2020  
Data Release Frequency: Quarterly

### ***Federal institutional controls / engineering controls registries***

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/15/2020  
Date Data Arrived at EDR: 05/19/2020  
Date Made Active in Reports: 06/18/2020  
Number of Days to Update: 30

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 05/14/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020  
Date Data Arrived at EDR: 02/20/2020  
Date Made Active in Reports: 05/15/2020  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 703-603-0695  
Last EDR Contact: 05/15/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

#### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020  
Date Data Arrived at EDR: 02/20/2020  
Date Made Active in Reports: 05/15/2020  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 703-603-0695  
Last EDR Contact: 05/15/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ***Federal ERNS list***

#### **ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2020  
Date Data Arrived at EDR: 03/24/2020  
Date Made Active in Reports: 06/18/2020  
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 03/24/2020  
Next Scheduled EDR Contact: 07/06/2020  
Data Release Frequency: Quarterly

### ***State- and tribal - equivalent CERCLIS***

#### **SHWS: Contaminated Sites Database**

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

Date of Government Version: 11/13/2019  
Date Data Arrived at EDR: 11/14/2019  
Date Made Active in Reports: 12/18/2019  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 907-451-2143  
Last EDR Contact: 05/06/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Semi-Annually

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

#### **SWF/LF: Solid Waste Facilities**

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

Date of Government Version: 03/09/2020  
Date Data Arrived at EDR: 04/01/2020  
Date Made Active in Reports: 04/27/2020  
Number of Days to Update: 26

Source: Department of Environmental Conservation  
Telephone: 907-269-7632  
Last EDR Contact: 06/17/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Semi-Annually

### ***State and tribal leaking storage tank lists***

#### **LUST: Leaking Underground Storage Tank Database**

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/10/2020  
Date Data Arrived at EDR: 02/11/2020  
Date Made Active in Reports: 04/27/2020  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 907-465-5301  
Last EDR Contact: 05/12/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Semi-Annually

#### **INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**

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

Date of Government Version: 10/10/2019  
Date Data Arrived at EDR: 12/05/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 67

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 05/20/2020  
Next Scheduled EDR Contact: 08/03/2020  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6271
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-6597
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3372
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019	Source: EPA Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019	Source: EPA, Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-7439
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/17/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ***State and tribal registered storage tank lists***

#### **FEMA UST: Underground Storage Tank Listing**

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020	Source: FEMA
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-646-5797
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 03/19/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Varies

#### **UST: Underground Storage Tank Database**

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/10/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/11/2020	Telephone: 907-269-7504
Date Made Active in Reports: 04/27/2020	Last EDR Contact: 05/12/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: Semi-Annually

#### **AST: Regulated Aboveground Storage Tanks**

The list covers "regulated" facilities with storage capacities above 10,000 barrels (or 5,000 barrels of crude).

Date of Government Version: 01/05/2005	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/06/2005	Telephone: 907-465-5231
Date Made Active in Reports: 02/02/2005	Last EDR Contact: 06/08/2020
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

#### **INDIAN UST R5: Underground Storage Tanks on Indian Land**

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

Date of Government Version: 10/01/2019	Source: EPA Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-6136
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

#### **INDIAN UST R9: Underground Storage Tanks on Indian Land**

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

Date of Government Version: 10/04/2019	Source: EPA Region 9
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3368
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

#### **INDIAN UST R7: Underground Storage Tanks on Indian Land**

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

Date of Government Version: 10/11/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/04/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-7591
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-9424
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019	Source: EPA, Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6137
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

### **State and tribal institutional control / engineering control registries**

#### ENG CONTROLS: Engineering Controls Site Listing

A listing of sites with engineering controls in place included in the Contaminated Sites.

Date of Government Version: 11/13/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/14/2019	Telephone: 907-451-2143
Date Made Active in Reports: 12/18/2019	Last EDR Contact: 05/06/2020
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/13/2019  
Date Data Arrived at EDR: 11/14/2019  
Date Made Active in Reports: 12/18/2019  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 907-451-2143  
Last EDR Contact: 05/06/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Semi-Annually

### ***State and tribal voluntary cleanup sites***

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

Date of Government Version: 02/24/2020  
Date Data Arrived at EDR: 02/26/2020  
Date Made Active in Reports: 05/01/2020  
Number of Days to Update: 65

Source: Department of Environmental Conservation  
Telephone: 907-451-2143  
Last EDR Contact: 05/15/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

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

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

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

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 06/17/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Varies

### ***State and tribal Brownfields sites***

BROWNFIELDS: Identified and/or Proposed Brownfields Sites

Brownfield properties are defined by U.S Environmental Protection Agency (EPA) as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contamination." DEC is developing resources to assist eligible entities in Alaska in applying for EPA brownfields grants. The program also will provide technical assistance and perform some site assessments. The purpose of these assessments is to assist local redevelopment efforts on previously contaminated properties that are vacant or underused.

Date of Government Version: 11/13/2019  
Date Data Arrived at EDR: 11/14/2019  
Date Made Active in Reports: 12/18/2019  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 907-451-2166  
Last EDR Contact: 05/06/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Semi-Annually

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2020  
Date Data Arrived at EDR: 06/02/2020  
Date Made Active in Reports: 06/09/2020  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 06/02/2020  
Next Scheduled EDR Contact: 09/28/2020  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### **SWRCY: Recycling Facilities**

A listing of Recycling centers in the state of Alaska.

Date of Government Version: 12/29/2014  
Date Data Arrived at EDR: 12/30/2014  
Date Made Active in Reports: 02/02/2015  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 907-269-7802  
Last EDR Contact: 06/17/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Varies

#### **INDIAN ODI: Report on the Status of Open Dumps on Indian Lands**

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 04/16/2020  
Next Scheduled EDR Contact: 08/10/2020  
Data Release Frequency: Varies

#### **ODI: Open Dump Inventory**

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

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

#### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/09/2020  
Next Scheduled EDR Contact: 08/03/2020  
Data Release Frequency: No Update Planned

#### **IHS OPEN DUMPS: Open Dumps on Indian Land**

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 05/01/2020  
Next Scheduled EDR Contact: 08/10/2020  
Data Release Frequency: Varies

### **Local Lists of Hazardous waste / Contaminated Sites**

#### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/18/2020  
Date Data Arrived at EDR: 03/19/2020  
Date Made Active in Reports: 06/09/2020  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/18/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: No Update Planned

### CDL: Illegal Drug Manufacturing Sites

A list of properties that have been determined to be illegal drug manufacturing sites.

Date of Government Version: 02/10/2020  
Date Data Arrived at EDR: 02/11/2020  
Date Made Active in Reports: 04/24/2020  
Number of Days to Update: 73

Source: Department of Environmental Conservation  
Telephone: 907-269-7543  
Last EDR Contact: 05/12/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Varies

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/18/2020  
Date Data Arrived at EDR: 03/19/2020  
Date Made Active in Reports: 06/09/2020  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/18/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Quarterly

### PFAS: PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid

PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 11/22/2019  
Date Data Arrived at EDR: 12/16/2019  
Date Made Active in Reports: 02/20/2020  
Number of Days to Update: 66

Source: Department of Environmental Conservation  
Telephone: 907-465-5076  
Last EDR Contact: 06/16/2020  
Next Scheduled EDR Contact: 09/28/2020  
Data Release Frequency: Varies

### Local Land Records

#### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 04/27/2020  
Date Data Arrived at EDR: 05/06/2020  
Date Made Active in Reports: 05/28/2020  
Number of Days to Update: 22

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 06/03/2020  
Next Scheduled EDR Contact: 07/13/2020  
Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

#### HMIRS: Hazardous Materials Information Reporting System

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2020  
Date Data Arrived at EDR: 03/24/2020  
Date Made Active in Reports: 06/18/2020  
Number of Days to Update: 86

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 03/24/2020  
Next Scheduled EDR Contact: 07/06/2020  
Data Release Frequency: Quarterly

### SPILLS: Spills Database

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

Date of Government Version: 03/30/2020  
Date Data Arrived at EDR: 03/31/2020  
Date Made Active in Reports: 06/16/2020  
Number of Days to Update: 77

Source: Department of Environmental Conservation  
Telephone: 907-465-5242  
Last EDR Contact: 03/31/2020  
Next Scheduled EDR Contact: 07/13/2020  
Data Release Frequency: Semi-Annually

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/21/2010  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/08/2013  
Number of Days to Update: 36

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### Other Ascertainable Records

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020  
Date Data Arrived at EDR: 03/25/2020  
Date Made Active in Reports: 05/21/2020  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: (206) 553-1200  
Last EDR Contact: 03/25/2020  
Next Scheduled EDR Contact: 07/06/2020  
Data Release Frequency: Quarterly

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020  
Date Data Arrived at EDR: 02/19/2020  
Date Made Active in Reports: 05/14/2020  
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 05/18/2020  
Next Scheduled EDR Contact: 08/31/2020  
Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

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

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 04/10/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/06/2020
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/15/2020
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/24/2020	Telephone: 202-566-1917
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 03/24/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/04/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/08/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016

Date Data Arrived at EDR: 06/21/2017

Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521

Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 09/28/2020

Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018

Date Data Arrived at EDR: 02/05/2020

Date Made Active in Reports: 04/24/2020

Number of Days to Update: 79

Source: EPA

Telephone: 202-566-0250

Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 08/31/2020

Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019

Date Data Arrived at EDR: 10/23/2019

Date Made Active in Reports: 01/15/2020

Number of Days to Update: 84

Source: EPA

Telephone: 202-564-4203

Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020

Data Release Frequency: Annually

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020

Date Data Arrived at EDR: 05/06/2020

Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA

Telephone: 703-416-0223

Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Annually

### RMP: Risk Management Plans

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/20/2019	Telephone: 202-564-8600
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 04/15/2020
Number of Days to Update: 149	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 04/10/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/26/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

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

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

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

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: No Update Planned

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019  
Date Data Arrived at EDR: 10/25/2019  
Date Made Active in Reports: 01/15/2020  
Number of Days to Update: 82

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 04/10/2020  
Next Scheduled EDR Contact: 08/03/2020  
Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 12/04/2019  
Date Made Active in Reports: 01/15/2020  
Number of Days to Update: 42

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 06/05/2020  
Next Scheduled EDR Contact: 09/14/2020  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 11/11/2019  
Number of Days to Update: 251

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 06/01/2020  
Next Scheduled EDR Contact: 09/14/2020  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019  
Date Data Arrived at EDR: 11/06/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 96

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 05/08/2020  
Next Scheduled EDR Contact: 08/17/2020  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 07/01/2019  
Next Scheduled EDR Contact: 07/13/2020  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

### DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 04/28/2020  
Next Scheduled EDR Contact: 08/10/2020  
Data Release Frequency: Quarterly

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 01/17/2020  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 03/26/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/25/2020  
Next Scheduled EDR Contact: 07/06/2020  
Data Release Frequency: Biennially

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 04/10/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 04/29/2020  
Next Scheduled EDR Contact: 08/17/2020  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/18/2020  
Next Scheduled EDR Contact: 08/31/2020  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020  
Date Data Arrived at EDR: 05/06/2020  
Date Made Active in Reports: 05/28/2020  
Number of Days to Update: 22

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 06/03/2020  
Next Scheduled EDR Contact: 07/13/2020  
Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/11/2020  
Date Data Arrived at EDR: 02/25/2020  
Date Made Active in Reports: 05/21/2020  
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 05/21/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Semi-Annually

### MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020  
Date Data Arrived at EDR: 04/01/2020  
Date Made Active in Reports: 05/21/2020  
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admini  
Telephone: 202-693-9424  
Last EDR Contact: 05/27/2020  
Next Scheduled EDR Contact: 09/14/2020  
Data Release Frequency: Quarterly

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018  
Date Data Arrived at EDR: 02/28/2020  
Date Made Active in Reports: 05/22/2020  
Number of Days to Update: 84

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 05/27/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 05/21/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2020  
Date Data Arrived at EDR: 03/06/2020  
Date Made Active in Reports: 05/29/2020  
Number of Days to Update: 84

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 06/19/2020  
Next Scheduled EDR Contact: 09/21/2020  
Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/03/2020  
Date Data Arrived at EDR: 03/03/2020  
Date Made Active in Reports: 05/28/2020  
Number of Days to Update: 86

Source: EPA  
Telephone: (206) 553-1200  
Last EDR Contact: 06/02/2020  
Next Scheduled EDR Contact: 09/14/2020  
Data Release Frequency: Quarterly

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020  
Date Data Arrived at EDR: 01/07/2020  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 04/07/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Quarterly

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 07/26/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 05/18/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 74

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 04/03/2020  
Next Scheduled EDR Contact: 07/27/2020  
Data Release Frequency: Varies

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020  
Date Data Arrived at EDR: 02/19/2020  
Date Made Active in Reports: 05/14/2020  
Number of Days to Update: 85

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/19/2020  
Next Scheduled EDR Contact: 08/31/2020  
Data Release Frequency: Quarterly

### AIRS: AIRS Facility Listing

A listing of permitted airs facilities.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/06/2020  
Date Data Arrived at EDR: 01/07/2020  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 59

Source: Department of Environmental Conservation  
Telephone: 907-451-2103  
Last EDR Contact: 04/08/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Sites

A listing of coal ash disposal site locations.

Date of Government Version: 01/01/2020  
Date Data Arrived at EDR: 01/07/2020  
Date Made Active in Reports: 03/06/2020  
Number of Days to Update: 59

Source: Department of Environmental Conservation  
Telephone: 907-451-2135  
Last EDR Contact: 06/10/2020  
Next Scheduled EDR Contact: 09/28/2020  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaning facilities in Alaska.

Date of Government Version: 02/15/2006  
Date Data Arrived at EDR: 02/16/2006  
Date Made Active in Reports: 03/15/2006  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 907-269-7577  
Last EDR Contact: 06/17/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: No Update Planned

### Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/10/2020  
Date Data Arrived at EDR: 02/11/2020  
Date Made Active in Reports: 04/27/2020  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 907-269-8149  
Last EDR Contact: 05/12/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Quarterly

### Financial Assurance 2: Financial Assurance Information Listing

Financial Assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 04/24/2007  
Date Data Arrived at EDR: 04/26/2007  
Date Made Active in Reports: 05/14/2007  
Number of Days to Update: 18

Source: Department of Environmental Conservation  
Telephone: 907-269-7802  
Last EDR Contact: 06/17/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Varies

### NPDES: Wastewater Discharge Permit Listing

A listing of permitted wastewater facilities.

Date of Government Version: 03/17/2020  
Date Data Arrived at EDR: 03/18/2020  
Date Made Active in Reports: 05/29/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 907-465-5480  
Last EDR Contact: 06/16/2020  
Next Scheduled EDR Contact: 09/28/2020  
Data Release Frequency: Varies

### UIC: UIC Information

A listing of underground injection control wells.

Date of Government Version: 02/05/2020  
Date Data Arrived at EDR: 02/11/2020  
Date Made Active in Reports: 02/26/2020  
Number of Days to Update: 15

Source: Oil & Gas Conservation Commission  
Telephone: 907-793-1224  
Last EDR Contact: 05/12/2020  
Next Scheduled EDR Contact: 08/24/2020  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MINES MRDS: Mineral Resources Data System

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 05/21/2020  
Next Scheduled EDR Contact: 09/07/2020  
Data Release Frequency: Varies

### PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 06/08/2020  
Next Scheduled EDR Contact: 09/21/2020  
Data Release Frequency: Semi-Annually

### PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/26/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Semi-Annually

### PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 03/26/2020  
Next Scheduled EDR Contact: 07/20/2020  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Alaska.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/17/2014  
Number of Days to Update: 200

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Alaska.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 187

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### OTHER DATABASE(S)

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

#### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 05/01/2019  
Date Made Active in Reports: 06/21/2019  
Number of Days to Update: 51

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 04/29/2020  
Next Scheduled EDR Contact: 08/10/2020  
Data Release Frequency: Quarterly

### Oil/Gas Pipelines

Source: Endeavor Business Media  
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

### Electric Power Transmission Line Data

Source: Endeavor Business Media  
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991  
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248  
Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Facilities Database

Source: Department of Education & Early Development  
Telephone: 907-465-2800

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA  
Telephone: 877-336-2627  
Date of Government Version: 2003, 2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Classification and Mapping  
Source: Alaska Natural Heritage Program  
Telephone: 907-235-2218

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# Reports

-General Manager

-IGU Attorney



## General Manager Report – For the month of July 2020

### General

- IGU continues to operate under modified protocols related to the COVID-19 virus.
- North Pole City Council update scheduled for August 03<sup>rd</sup>, 2020
- Fairbanks North Star Borough Quarterly Update scheduled for August 20<sup>th</sup>, 2020
- Fairbanks Chamber Presentation completed on July 07, 2020

### Financial / Accounting

- Finance Committee met on July 28, 2020 and recommended IGU Board acceptance of June Financials as presented.
- Fiscal Year 2020 Audit under way.
- Bond placement proceeding as per schedule previously provided.

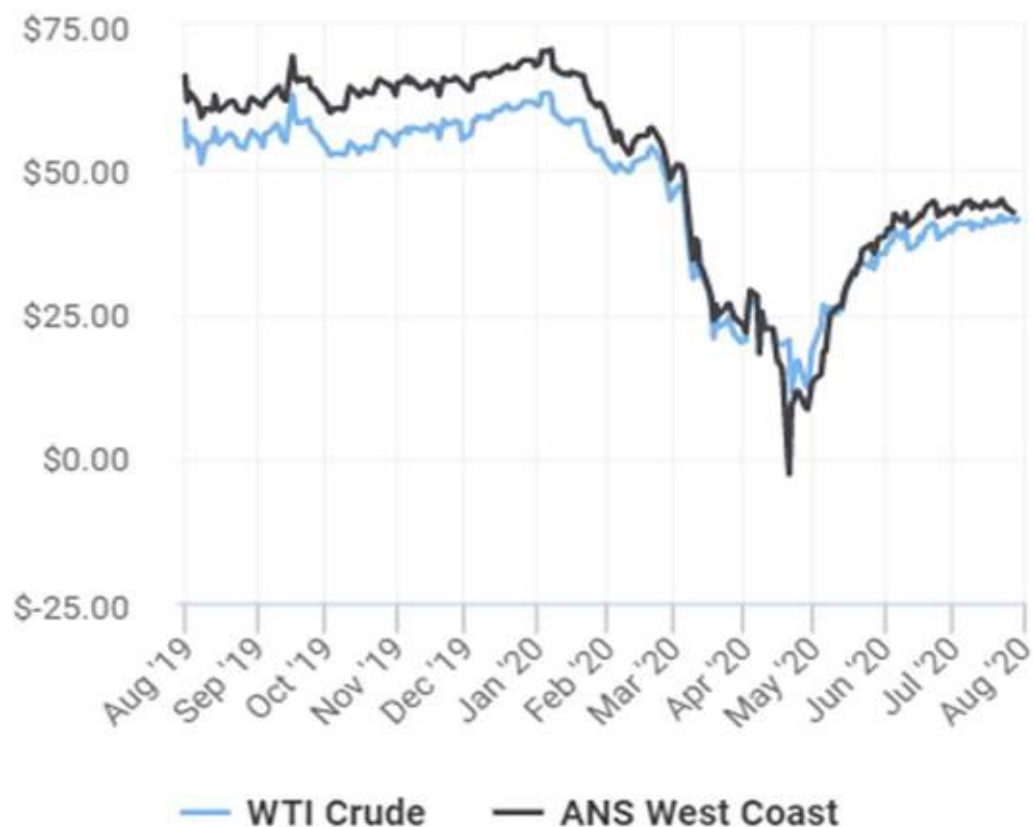
### Marketing

- Marketing information provided in the Marketing and New Service Report presented in the Board Packet.

### **Oil Markets**

Date	West Texas Intermediate	ANS West Coast
7/27/2020	41.60	42.57

Sources: Daily ANS prices estimated by Department of Revenue, WTI estimated by Bloomberg



## Operations

### **Titan**

- Titan produced 100% of the required LNG for FNG and its other customers, without interruption. Additional LNG volumes were produced to continue filling the 5.25 Million Gallon Storage Facility.
- Zero Lost Time Injuries, Zero Titan Vehicle Accidents.
- Zero Third Party Damage.

### **FNG**

- 100% delivery reliability with no firm supply interruptions. Inventory levels are building in the 5.25 Storage Tank. Inventory has increased from 22.6' (1,600,000 gallons) as of June 26<sup>th</sup> to 25.4' (1,790,000 gallons).
- Zero Lost Time Injuries, Zero Vehicle Accidents.
- Zero Third Party Damage

### **IGU**

- Distribution System intact.
- Zero Third Party Damage.

## Capital Projects

### **North Pole Storage**

- Cornerstone Contracting Inc. continues work onsite and has completed concrete work, setting of tanks, utility installation. The Multi-purpose Building is being erected and wiring and internal walls are under way.
- Revised scheduled completion November 30, 2020, as a result of Covid-19 related delays

### **Multi-Purpose Building**

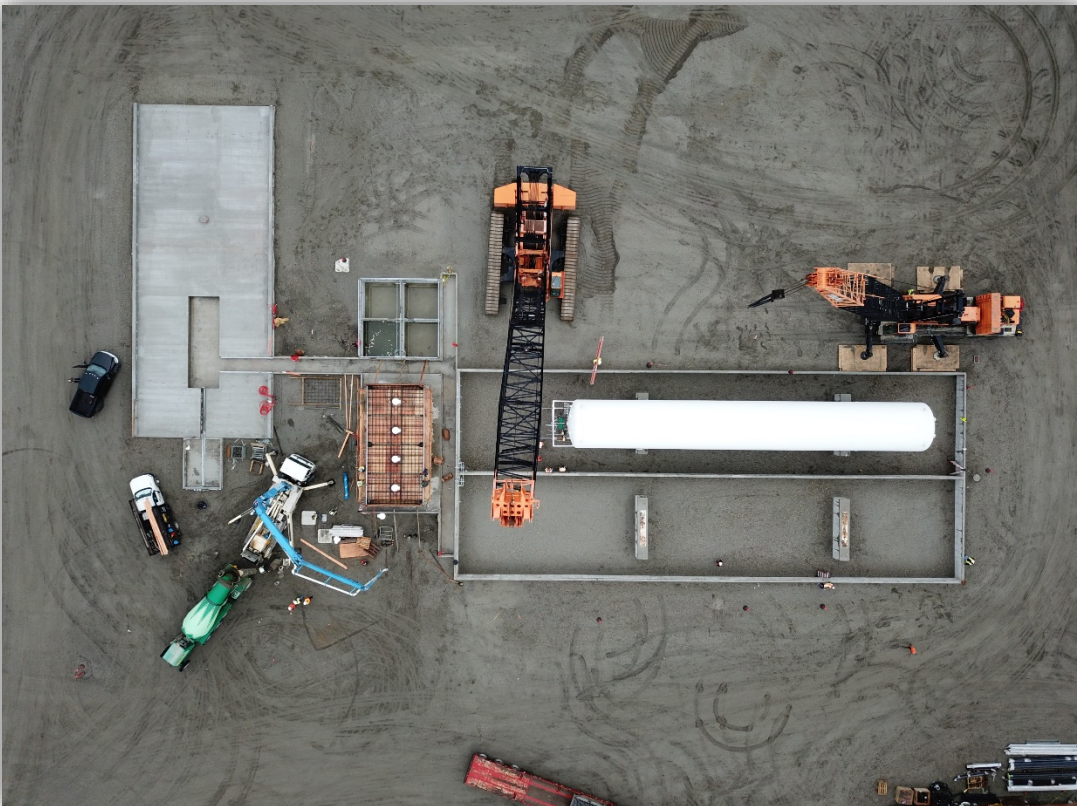




## Tanks Moved Form Fairbanks To North Pole



## First Tank Being Set on New Foundation





## Both Tanks on New Foundations



## Titan Expansion

- The Titan Final Investments decision remains paused given the current market volatility primarily related to the COVID-19 Pandemic.

**MEMORANDUM**

TO: IGU Board  
FROM: A. Rene Broker *ALB*  
SUBJECT: Summary of Activity  
DATE: July 30, 2020

---

Over the last month we have been engaged on the following issues.

1. Communications with Chair Haagenson and GM Britton.
2. Attend Board meetings.
3. Review draft redline gas contracts for use by Gas Team in negotiating.
4. Public Records Requests for bid documents.

# Director Requests for IGU Information

# Closing Comments

- General Manager
- IGU Attorney
- Directors

# Executive Session



# ADJOURNMENT

\*To be effective at the end of the Executive Session