

120-24,008

OIL SPILL TECHNOLOGY, INC.

John H. Janssen, President

RECEIVED

MAY 25 1995

DEPT. OF ENVIRONMENTAL
CONSERVATION
NRO

SITE ASSESSMENT

of

JACK'S SERVICE DELTA JUNCTION, ALASKA

prepared for

**JACK ADAMS, OWNER
DELTA JUNCTION, ALASKA**

prepared by

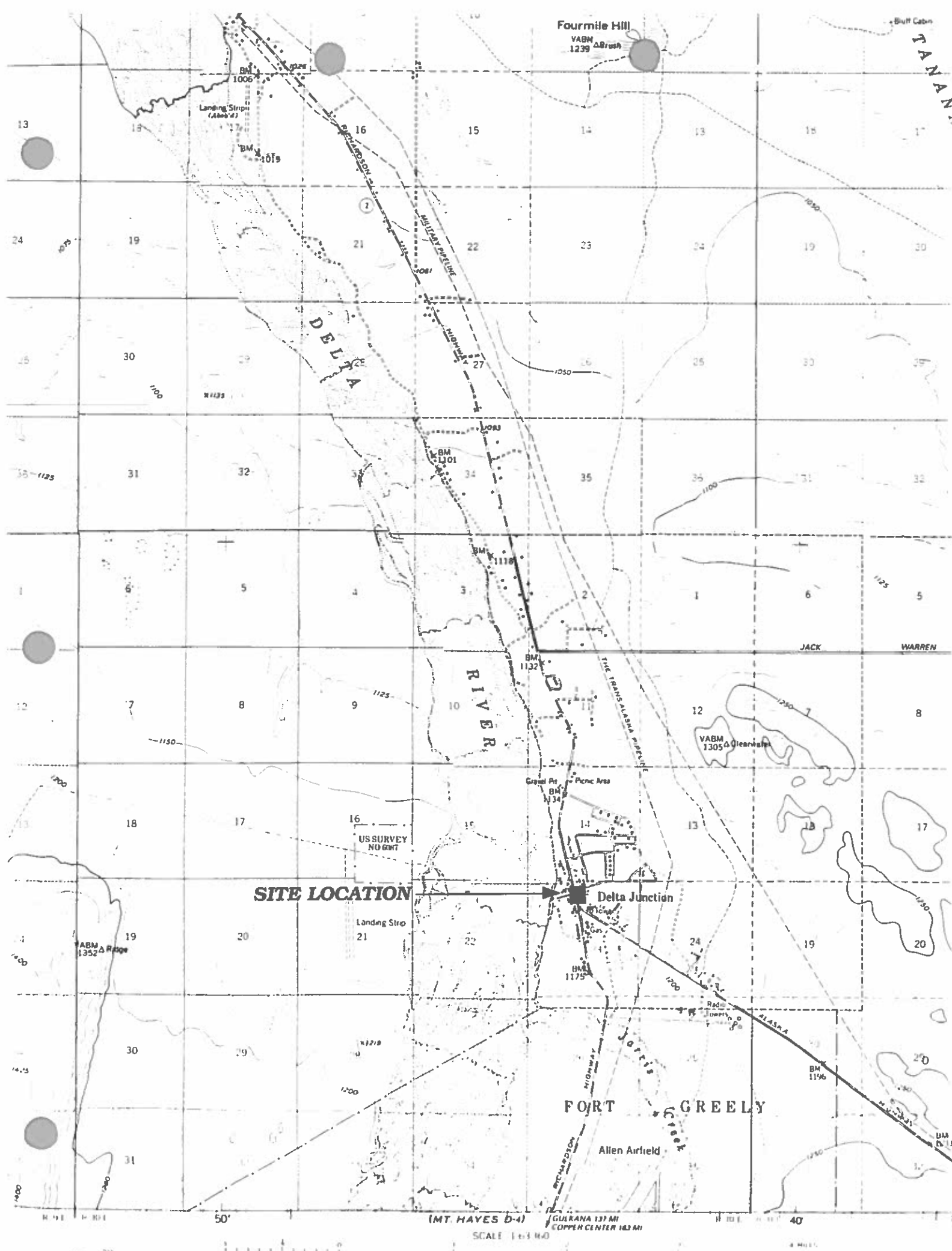
JOHN H. JANSSEN

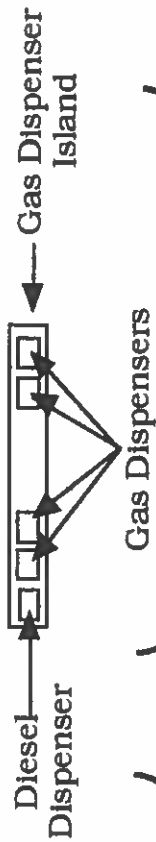
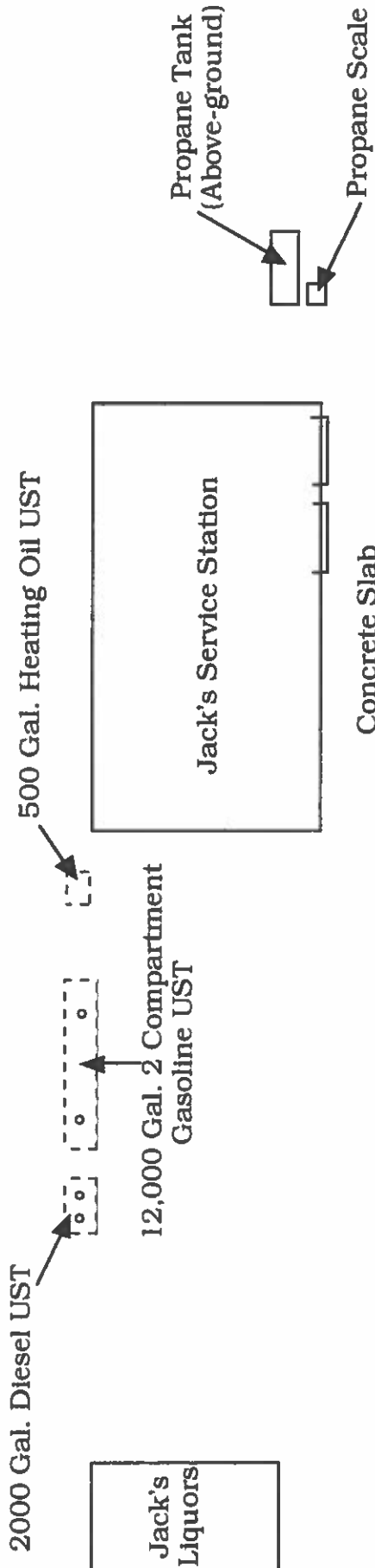
SEPTEMBER 1994

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Access Road to Richardson Highway

Richardson Highway

Plot Plan Sketch

Oil Spill Technology, Inc.
John H. Janssen

Not to Scale



Delta Junction, Alaska
Jack's Service Station
August, 1994

SITE DESCRIPTION

Location of tank(s):

Delta Junction, Alaska roughly 550 feet north of the junction of the Richardson Highway and the Alaska Highway.

Owner of tank(s): Jack Adams

Operator of tank(s): Jack Adams

Type of facility: Public fueling station and retail store

History of tank(s) site:

The tank site and fueling station, situated on a six (6) acre parcel, was purchased by Jack Adams in 1968. The three (3) UST's and their respective fill and vent pipes were installed approximately 30+ years ago. Three (3) separate underground lines including one (1) diesel, and two (2) gasoline lines, each about 75' feet long, link the one (1) 2,000 gallon capacity diesel UST and one (1) 12,000 gallon capacity, dual compartment gasoline UST with the fuel dispensers that are used for public sale. The one (1) 500 gallon heating oil UST however, provides fuel for the building. The UST's are located approximately 50 feet from the dispenser island. There have been no reported spills at this site. oh?!

(1) 2,000-gal diesel
(1) 12,000-gal dual
compartment
gasoline

Surface conditions:

During the preliminary site investigation on 8/15/94, a visual inspection of the site revealed some evidence of contamination appearing around the fill and vent pipes. Additional evidence of contamination was difficult to detect due to the presence of a concrete slab that capped underlying soils and surrounded the dispensers, extending all the way to the service station.

Subsurface conditions:

The site is located on an old floodplain immediately east of the Delta River. Dominant soils of the area are characterized by sorted fluvial deposits consisting mostly of sands and gravels. The groundwater level fluctuates with the seasonal height of the Delta River. However, a 220' deep water well is known to be located behind the service station approximately 100-150' from the UST's and 200' from the river. Groundwater flows to the north/northwest.

SITE INVESTIGATION AND SAMPLING

On 8/15/94, John H. Janssen arrived in Delta Junction to investigate the site at Jack's Chevron Service. The potential contamination sources were identified to be: 1) the underground fuel storage tanks located adjacent to the left upper corner of the service station building; 2) the fuel transfer area surrounding the fuel dispenser island in front of the service station; 3) the connecting lines that link the underground storage tanks to the dispenser island.

In order to pinpoint the plume of contamination, test holes were dug at various depths to determine at what point contamination was or was not present. Previously mentioned in the Site Description of this report, these readings are presented in the table below.

ROUGH HIGH PID READINGS

Test Hole #	PID Readings, PPM	Depth
①	2300	7.5'
2	2220	8'
3	2.5	8'
4	2500	9'3"
⑤	2500	9'
6	2.2	10'
⑦	1.8	10'
8	2.5	9'
9	2.2	9'
10	2.0	9.5'

Later that same day, John H. Janssen collected ten (10) soil samples from ten (10) test hole locations within the excavation to run a rough baggie soil vapor test to determine the general extent, or perimeter of soil contamination at the site. The collected soil samples were placed individually within a ziploc-type baggie and warmed for approximately 45 minutes. Hydrocarbon PPM levels were then measured using a Photovac brand Micro-tip

HL-2000 Photoionization Detector (PID) as per QAPP requirements. These readings represent volatile petroleum hydrocarbons in the atmosphere adjacent to a soil sample. Thus, they give a rough indication of the concentration of petroleum in the soil which is determined by laboratory analysis. For results, see table of readings and sketch on the following pages.

Once the perimeter of contamination was roughly established, John H. Janssen collected three (3) confirmation samples for laboratory analysis. The final lab samples were collected from the same area where the secondary field screening (baggie) samples were taken, including one from stockpiled soils near the fuel dispensers, one from soils above the UST's, and the last from a control area isolated from the UST's, fuel dispensers, and associated lines (see sketch on following page).

The collected samples were transported to an approved laboratory in Fairbanks where they were tested for four (4) parameters: Method 8015 for gasoline range organics; method 8100 for diesel range organics; method 8020 for BTEX, and method 7420 for Lead as required by State of Alaska regulations. The sample records and copies of the laboratory analysis reports can be found in Appendix #2.

OIL SPILL TECHNOLOGY, INC. FIELD SCREENING LOG

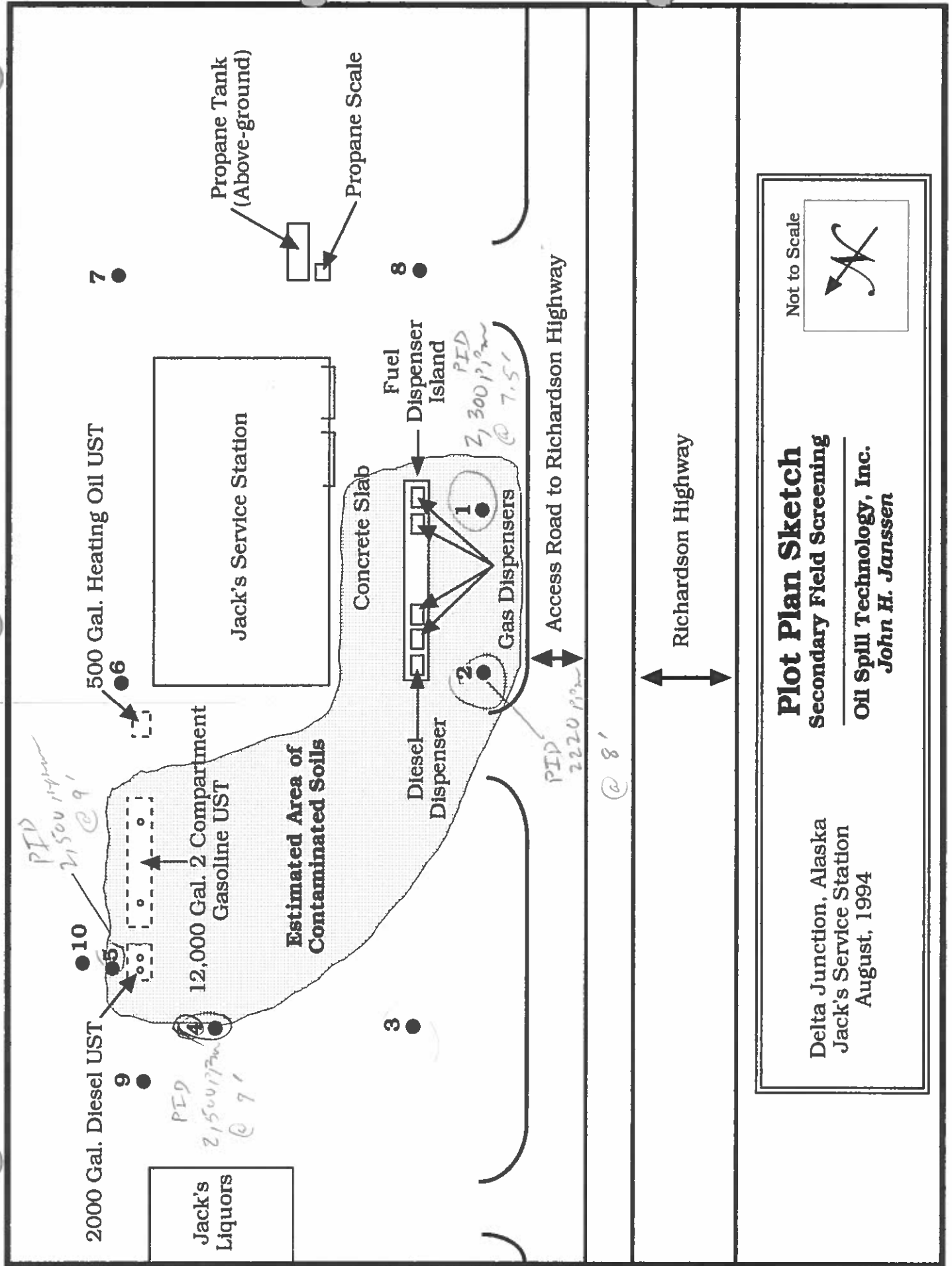
[illegible]

Job: Jack's Chevron Service

Location: Delta Junction, Alaska

Taken by: John H. Janssen

Date: August 15, 1994



SAMPLE RESULTS AND CONCLUSIONS

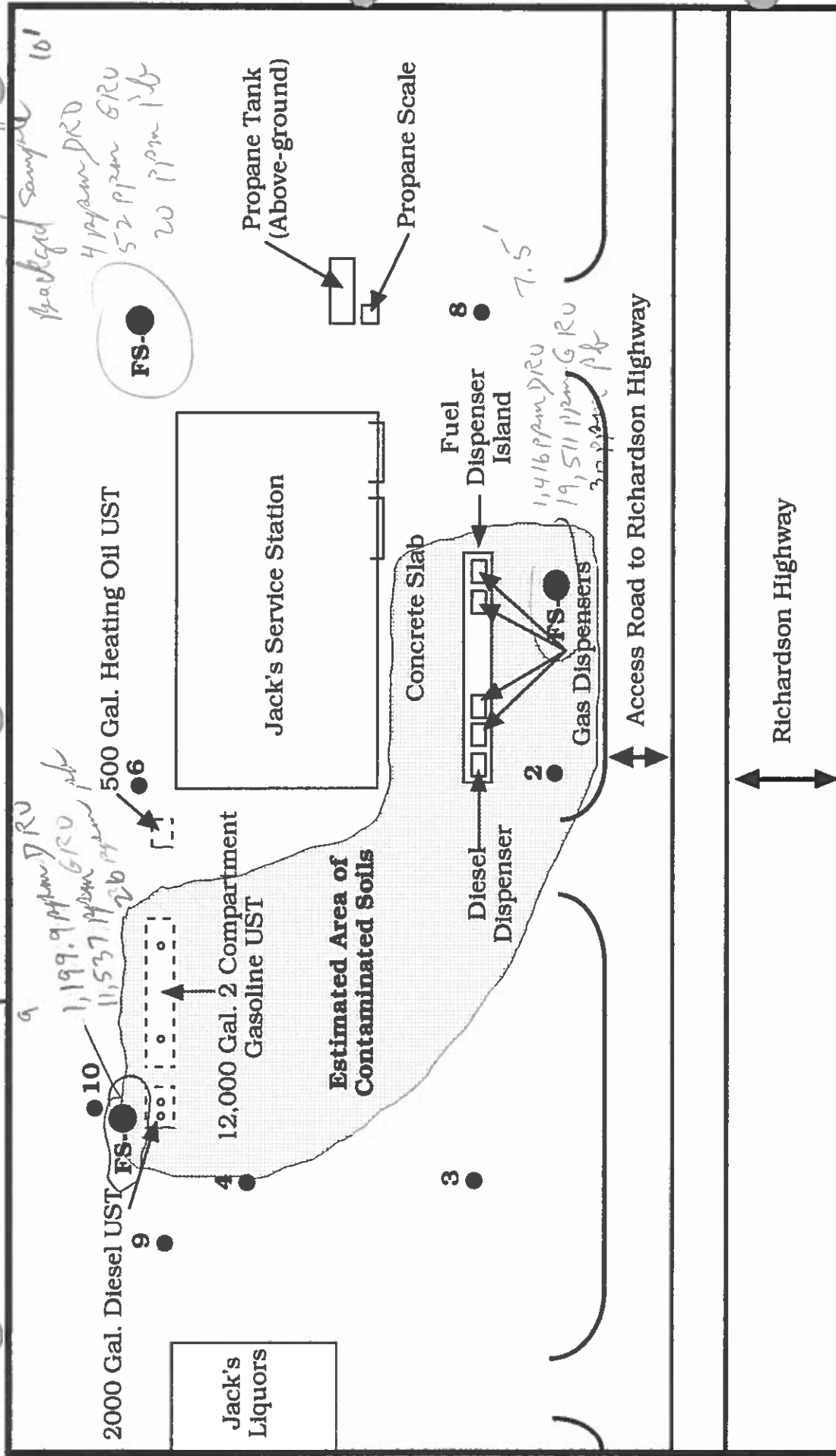
Upon returning to Fairbanks, the final soil samples were delivered to Boreochem Laboratory for analysis on 8/16/94. The results arrived almost four (4) weeks later. Two (2) of the three (3) samples are above State of Alaska and Federal limits. Those results are:

- 1) Sample #FS-1 registered 1,416.0 PPM's of diesel range organics (DRO), 19,511.2 PPM's of gasoline range organics (GRO), and 30.2 PPM's of lead.
- 2) Sample #FS-5 registered 1,199.9 PPM's of DRO, 11,537.3 PPM's of GRO, and 25.6 PPM's of lead.
- 3) Sample #FS-7 registered less than 4 PPM's of DRO, 51.7 PPM's of GRO, and 19.9 PPM's of lead.

A more detailed account of the lab report can be found in Appendix #2.

It is apparent that extensive contamination has occurred at this site during the 30+ years it has functioned as a service station. The test results confirm that cleanup action is needed in the areas outlined below (see sketches in Site Investigation and Samples section):

- 1) Leakage from the fuel storage tanks has occurred in the immediate area within the vicinity of the UST's in all directions.
- 2) It is likely that a swath of contamination generally parallels the fuel lines specifically where weakened joints interrupt the uniform nature of solid piping.
- 3) The last area of concentrated contamination surrounds the fuel dispenser island, where the prolonged practice of transferring fuel has led to subsurface contamination.



RECOMMENDATIONS

Based on the results of this site assessment, it is estimated that a total volume of approximately 500+ cubic yards of soils will need to be treated. The two (2) present UST's (this does not include the heating oil UST), associated lines, and dispenser island will need to be removed in order to extract the contaminated soils for treatment.

Possible methods of remediation include either bioremediation or thermal treatment. Bioremediation seems to be preferable to thermal treatment because of the latter's high costs of incinerating as well as the transportation of the contaminated soils between the treatment center and original site. To illustrate the substantial difference between the price of treatments, I have estimated the cost of treating 1000 yards of contaminated soils with the following cleanup options:

- 1) **Bioremediation-Landspreading on-site:** \$10-15 per yard = \$15,000
This method relies on aeration and unenhanced, passive biological activity and could be accomplished over an area of about 1/2 acre. *Method:* Excavate a shallow depression and line with an approved liner. Deposit buffer zone of about 6" with clean materials and spread contaminated soils over buffer. In the meantime, replace the contaminated soils from the UST excavation site with the new, clean soils. Disc and till three (3) times per year.
- 2) **Bioremediation-Landfarming on-site:** \$20-25 per yard = \$25,000
Similar to landspreading, the difference between the two is primarily the enhancement of biological activity with the addition of chemical fertilizers. *Method:* See above method for landspreading. Add nutrients, water, etc. to speed up the process.
- 3) **Thermal remediation on- or off-site:** \$70-100 per yard = \$100,000
This method exposes the contaminated soils to intense heat which removes the unwanted petroleum compounds. *Method:* Remove, incinerate, and replace materials.

Obviously, thermal treatment is quick and costly, but bioremediation—either landspreading or landfarming— is likely to be equally effective and less

costly in the long run. However, total time required to successfully treat this quantity of material via bioremediation may be three years or more. If time is of the essence, thermal treatment is preferable. However, this method means transferring contaminated material which involves the additional possibility of liability.

LIMITATIONS

This report presents data based on the limited number of soil samples taken from the ten (10) excavated test holes, as well as on information gathered during this investigation. Findings presented are based on the sampling and analysis that was performed. This should not be misconstrued as a comprehensive study of soil and/or groundwater at this site. The sampling performed was intended to confirm the presence or absence of hydrocarbon contamination associated with fuel storage at this site. It is possible that subsurface tests may have missed some areas of higher levels of contamination. It was not the intent of this investigation to detect contamination by other compounds for which laboratory analyses were not performed. No conclusions should be drawn concerning the presence or absence of other contaminants. In addition, no assurances are made that regulatory agencies or their staff will reach the same conclusions that are presented here.

The data presented in this report should be considered to be representative of the situation only at the time the samples were collected.

MATRIX SCORE

MATRIX SCORE SHEET

1. Depth to Subsurface Water		
< 5 feet	(10)	
5 - 15 feet	(8)	
15 - 25	(6)	
25 - 50	(4)	
> 50 feet	(1)	1
2. Mean Annual Precipitation		
> 40 inches	(10)	
25 - 40	(5)	
15 - 25	(3)	
< 15 inches	(1)	1
3. Soil Type (Unified Soil Classification)		
Clean, coarse-grained soils	(10)	
Coarse-grained soils with fines	(8)	8
Fine-grained soils (low OC)	(3)	
Fine-grained soils (high OC)	(1)	
4. Potential Receptors		
Public Well within 1000 feet, or		
Private Well(s) within 500 feet	(15)	15
Municipal/private well within 1/2 mile	(12)	
Municipal/private well within 1 mile	(8)	
No known well within 1/2 mile	(6)	
No known well within 1 mile	(4)	
Non-potable groundwater	(1)	
5. Volume of Contaminated Soil		
> 500 cubic yards	(10)	
100 - 500 cubic yards	(8)	8
25 - 100 cubic yards	(5)	
> De Minimis - 25 cubic yards	(2)	
De Minimis	(0)	

Total

33

Matrix Score		Cleanup Level in mg/kg			
		Diesel	Gasoline/Unknown		
		diesel range pet. hydro.	gasoline range pet. hydro.	Benzene	BTEX
Level A	> 40	100	50	0.1	10
Level B	27-40	200	100	0.5	15
Level C	21-26	1000	500	0.5	50
Level D	< 20	2000	1000	0.5	100

SAMPLE RECORDS

MOORECHEM MOBILE LABS AND CONSULTING REQUEST FOR LABORATORY SERVICES

PROJECT NAME	ACKNOWLEDGEMENTS	VELOCITY	ENFORCEMENT OR SPILL NUMBER

SAMPLER/ADDRESS

[illegible]

SAMPLING () WITHIN () NEAR FRONTZ SITE



CHAIN OF CUSTODY	YES	() NO	COC#	0/674-

CONFIDENTIAL CLIENT/ATTORNEY RELATIONSHIP ☒ YES () NO

↑

[illegible]

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME
	8/16/94	1:45		8/16/94	1345						
RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME	RELINQUISHED BY: (signature)	DATE	TIME	RECEIVED BY: (signature)	DATE	TIME

CONDITION OF SAMPLES UPON RECEIPT AT FIELD: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()

COMMENTS: (ex:sampling witness)

CONDITION OF SAMPLES UPON RECEIPT AT LAB: CUSTODY SEALS SIGNED AND INTACT: YES () NO ()

COMMENTS:

METHOD OF SHIPMENT FROM LAB TO FIELD:	METHOD OF SHIPMENT FROM FIELD TO LAB:
---------------------------------------	---------------------------------------

METHOD OF SHIPMENT FROM LAB TO FIELD:	METHOD OF SHIPMENT FROM FIELD TO LAB:
---------------------------------------	---------------------------------------

PAGE 1 OF 1

SAMPLE RECORD

COLLECTION

Project JACKIN SERVICE		Date 8-19-94	Time 4:30 PM
Location DELTA JUNCTION AR		Client JACK ADAMS	Custody Record <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Material Sample GILS	Intended Analysis DRO BIOD GRO EODS BTEX AND LEAD	Sample ID F4-1	
Description and Source of Sample Container BOREHAM LAB FIBERS AR (1) ECZ JAR (1) 4 ECZ JAR & (1) 2 ECZ JAR			
Collection Procedure WITH A VISC. PC. PCGN			
Holding Conditions 4°C	Preservation Method ON ICE	Maximum Holding Time	
Comments			
Signature of Collector		Name of Collector JOHN H. VANISSERH	

TRANSPORT TO ANALYTICAL LABORATORY

Date 8-16-94	Method TRUCK	Destination BOREHAM LAB
Comments		
Signature of Transporter		Name of Transporter JOHN H. VANISSERH

ANALYTICAL RESULTS

Date Received	Location of Data File
Comments	
Signature of Reviewer	
Name of Reviewer	

SAMPLE RECORD

COLLECTION

Project JACK'S SERVICE		Date 8-15-94	Time 4:42
Location DELTA LOCATION AT JACKSON		Client JACKSON	Custody (yes/no) yes
Material Sample SOILS	Intended Analysis DRO BICO, GPC ECIS, BTEX	Sample ID F4-9	
Description and Source of Sample Container BORDCHAM LAIS FIDES, AR (1) 207 JAR (1) 407 JAR, (1) 202 JAR			
Collection Procedure WITH A DRY PO. SPOON			
Holding Conditions 4°C	Preservation Method CN ILF	Maximum Holding Time	
Comments			
Signature of Collector		Name of Collector JOHN A. VANISSBKI	

TRANSPORT TO ANALYTICAL LABORATORY

Date 8-16-94	Method BY TRUCK	Destination BORDCHAM LAIS
Comments		
Signature of Transporter		Name of Transporter JOHN A. VANISSBKI

ANALYTICAL RESULTS

Date Received	Location of Data File
Comments	
Signature of Reviewer	Name of Reviewer

SAMPLE RECORD

COLLECTION

Project <i>ACT 4</i>	Date <i>8-15-94</i>	Time <i>4:53</i>
Location <i>ELTA Junction</i>	Client <i>Act 4</i>	Custody <input checked="" type="radio"/> yes Record <input type="radio"/> no
Material Sample <i>Gravel</i>	Intended Analysis <i>PRO GRC GRC BTX AND LEAD</i>	Sample ID <i>F4-7</i>
Description and Source of Sample Container <i>FOR BOCHNER LAB FBRS, AR (1) F4-7A, (1) F4-7B AND (1) F4-7C</i>		
Collection Procedure <i>With a Plastic Spoon</i>		
Holding Conditions <i>4°C</i>	Preservation Method <i>Chill</i>	Maximum Holding Time
Comments		
Signature of Collector <i>[Signature]</i>		Name of Collector <i>JOHN H. VANSSBEN</i>

TRANSPORT TO ANALYTICAL LABORATORY

Date <i>8-16-94</i>	Method <i>By Truck</i>	Destination <i>Kemper County, MS</i>
Comments		
Signature of Transporter <i>[Signature]</i>		Name of Transporter <i>JOHN H. VANSSBEN</i>

ANALYTICAL RESULTS

Date Received	Location of Data File
Comments	
Signature of Reviewer	
Name of Reviewer	

SAMPLE RESULTS



BOREOCHEM MOBILE LAB & CONSULTING, Inc.
3529 College Road, Suite 204
Fairbanks, Alaska 99709-4017
phones: (907) 479-5459 , (800) 764-2536 , fax: (907) 479-9544



September 7, 1994

RESULTS OF LEAD, DIESEL & GAS-RANGE,
AROMATIC VOLATILE ORGANIC ANALYSES
FOR SOIL SAMPLES

FOR JACK'S CHEVRON GAS STATION
PROJECT AREA
DELTA JUNCTION, ALASKA

SAMPLED BY OIL SPILL TECHNOLOGY, INC.
1100 ESRO ROAD
FAIRBANKS, ALASKA 99712
p: 488-2834

REPORT PREPARED BY BOREOCHEM
LABORATORY

REPORT REVIEWED AND APPROVED:

Tim Thomas
Laboratory Manager

SAMPLE INFORMATION

LAB ID	FIELD ID	CLIENT NAME	SAMPLER	SMP LOCATION	MATRIX
94081603	Jack FS-1	Oil Spill Technology	Mr. John Janssen	Chevron DJ Ak	Soil
94081604	Jack FS-5	Oil Spill Technology	Mr. John Janssen	Chevron DJ Ak	Soil
94081605	Jack FS-7	Oil Spill Technology	Mr. John Janssen	Chevron DJ Ak	Soil
LAB ID	FIELD ID	SAMPLE DATE	SAMPLE TIME	RECEPTION TIME	RECEPTION DATE
94081603	Jack FS-1	8/15/94	1630	1345	8/16/94
94081604	Jack FS-5	8/15/94	1642	1345	8/16/94
94081605	Jack FS-7	8/15/94	1653	1345	8/16/94
LAB ID	FIELD ID	LAB RECEIVER	PRESERVATION	COC NUMBER	ANALYSES (1)
94081603	Jack FS-1	T Thomas	Cooled to 4C	81694-1	8015m/8020
94081604	Jack FS-5	T Thomas	Cooled to 4C	81694-1	8015m/8020
94081605	Jack FS-7	T Thomas	Cooled to 4C	81694-1	8015m/8020
LAB ID	FIELD ID	ANALYSES(2)	8020/8015m Extraction	8020/8015m Analysis	H.T./Volatiles
94081603	Jack FS-1	8100m/7420(Lead)	8/16/94	8/28/94	14 days to analysis
94081604	Jack FS-5	8100m/7420(Lead)	8/16/94	8/28/94	14 days to analysis
94081605	Jack FS-7	8100m/7420(Lead)	8/16/94	8/28/94	14 days to analysis
LAB ID	FIELD ID	Lead Digest	Lead Analysis	Vol. Bottles/Pb Bottles	Lead Holding Time
94081603	Jack FS-1	8/16/94	8/16/94	(2oz)glass 4 oz glass) w/tefl	6 months
94081604	Jack FS-5	8/16/94	8/16/94	(2oz)glass 4 oz glass) w/tefl	6 months
94081605	Jack FS-7	8/16/94	8/16/94	(2oz)glass 4 oz glass) w/tefl	6 months
LAB ID	FIELD ID	DRO Extraction	DRO Analysis	DRO Bottles	H.T./Semivolatiles
94081603	Jack FS-1	8/17/94	8/28/94	8 oz glass w/teflon	14 d extraction/40 d analysis
94081604	Jack FS-5	8/17/94	8/28/94	8 oz glass w/teflon	14 d extraction/40 d analysis
94081605	Jack FS-7	8/17/94	8/28/94	8 oz glass w/teflon	14 d extraction/40 d analysis

**RESULTS OF DIESEL & GAS-RANGE ORGANICS, & LEAD ANALYSES
IN PARTS PER MILLION
(mg/ dry kilogram)**

Lab ID #	Field ID #	% Solids	DRO (ppm)	GRO(ppm)	Pb(ppm)
94081603	Jack FS-1	85.1	1416.0	19511.2	30.2
94081604	Jack FS-5	85.6	1199.9	11537.3	25.6
94081605	Jack FS-7	83.2	< 4	51.7	19.9

**RESULTS OF AROMATIC VOLATILE ANALYSES
IN PARTS PER MILLION
(mg/ dry kilogram)**

Lab ID #	Field ID #	Benzene	Toluene	Chlorobenzene
94081603	Jack FS-1	152.53	548.58	10.44
94081604	Jack FS-5	138.22	369.46	9.44
94081605	Jack FS-7	0.25	0.53	< 0.05
Lab ID #	Field ID #	Ethylbenzene	m&p xylenes	o-xylene
94081603	Jack FS-1	116.72	292.93	132.00
94081604	Jack FS-5	247.94	438.01	311.24
94081605	Jack FS-7	0.09	0.31	0.19
Lab ID #	Field ID #	1,3-dichlorobenzene	1,4-dichlorobenzene	1,2-dichlorobenzene
94081603	Jack FS-1	< 0.05	67.50	117.77
94081604	Jack FS-5	< 0.05	90.38	91.23
94081605	Jack FS-7	< 0.05	< 0.05	< 0.05

QUALITY CONTROL DATA

	Diesel-range Organics	
PARAMETER	FOUND VALUE	ACCEPT LIMITS
RPD	7.4 %	20%
Matrix spikes	111%	60-130 %
Method blank	3.2	< 4 ppm
Method DL	4 ppm	
	Gas-range Organics	
PARAMETER	FOUND VALUE	ACCEPT LIMITS
RPD	3.3%	20%
Matrix spikes	81.8%	60-130 %
Method blank	1.5	< 1.3
Method DL	1.3 ppm	
	Total BTEX	
PARAMETER	FOUND VALUE	ACCEPT LIMITS
RPD	3.4%	20%
Matrix spikes	96%	60-130 %
Method blank	0.5	< 0.25 ppm
	Total Lead	
PARAMETER	FOUND VALUE	ACCEPT LIMITS
RPD	< 1 %	35%
Matrix spikes	97%	60-130 %
Method blank	< 3 ppm	< 3 ppm

Lab ID #	Field ID #	% DRO Surr	% GRO Surr	% BTEX Surr
94081603	Jack FS-1	126.2	Coelution	Coelution
94081604	Jack FS-5	118.0	Coelution	Coelution
94081605	Jack FS-7	100.7	115.7	95.6

METHODS

AK 102: Method for the Determination of Diesel Range Organics, Revision 2, February 5, 1993. Alaska Department of Environmental Conservation.

AK 101: Method for the Determination of Gasoline Range Organics, Revision 4, January 14, 1993. Alaska Department of Environmental Conservation.

SW-846 8020: Aromatic Volatile Organics, Revision 0, September 1986. Environmental Protection Agency.

SW-846 3051: Microwave-Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils, Environmental Protection Agency, Revision 0, November 1992.

SW-846 7420: Lead (Direct Aspiration), Environmental Protection Agency.

PHOTOGRAPHS



Panoramic view of Jack's Service, Chevron Gas Station located in Delta Junction, Alaska



Photo #1: Contractor Copper Valley Enterprises excavating a test hole with a backhoe on the north side of the gas station.



Photo #2: Excavation on the south side of the gas station.



Photo #3: Ten (10) test holes were excavated to determine the perimeter of the contaminated area.



Photo #4: Same as above.



Photo #5: John Janssen using a photoionization detector for preliminary and secondary field screening.



Photo #6: John Janssen collecting a sample for secondary field screening from soils excavated from test hole #1.



Photo #7: Soil samples collected for secondary field screening warming up on hood of truck, awaiting PID testing.



Photo #8: John Janssen collecting final samples for laboratory testing from stockpiled soils from test hole #1.

POST OFFICE TO ADDRESSEE



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ORIGIN (POSTAL USE ONLY)

INTERNATIONAL SHIPMENTS ONLY

☐ Business Papers

☐ Merchandise

Customs forms and commercial invoice may be required. See Pub 273 and International Mail Manual

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Day of Delivery

☒ Next ☐ Second

Date In

Mo Day Yr.

☐ 12 Noon ☒ 3 PM

Time In

☐ AM ☐ PM

Weight

☐ 2nd Day ☐ 3rd Day

Int'l Alpha Country Code

Acceptance Clerk Initials

No Delivery ☐ Weekend ☐ Holiday

☐ Flat Rate Envelope

Postage \$

Return Receipt

C.O.D.

Total Postage & Fees \$

15.00

DELIVERY (POSTAL USE ONLY)

Delivery Attempt

Mo Day Time ☐ AM ☐ PM

Employee Signature

Delivery Attempt

Mo Day Time ☐ AM ☐ PM

Employee Signature

Date of Delivery

Mo Day Time ☐ AM ☐ PM

Employee Signature

Signature of Addressee or Agent

☒ X

Name - Please Print

☒ X

CUSTOMER USE ONLY

TO FILE A CLAIM FOR DAMAGE OR LOSS OF CONTENTS, YOU MUST PRESENT THE ARTICLE, CONTAINER AND PACKAGING.

☐ WAIVER OF SIGNATURE (Domestic Only): I wish delivery to be made without obtaining the signature of addressee or the addressee's agent. (If in the judgement of the delivery employee, the article can be secured at a secure location) and I authorize the delivery employee to sign that the shipment was delivered. I understand that the signature of the delivery employee will constitute valid proof of delivery.

NO DELIVERY

☐ WEEKEND ☐ HOLIDAY

Customer Signature

FROM: (PLEASE PRINT)

PHONE

TO: (PLEASE PRINT)

PHONE

Jack's Chevron Service

1374 Delta Tot.
AK 99737

D.E.C.

Dr. Eleanor Hung

610 University Ave

Fosberg A.K. 99708

\$15.00

U.S. POSTAGE PAID PERMIT NO. 9573 AK DELTA, ALASKA MAY 24, 1991



UNITED STATES POSTAL SERVICE

0000

09708

00015455-02

RECIPIENT
The sender has requested notification upon delivery. Immediately upon receipt, please telephone:

Name: Sarah Adams

Tel. No.: 907-895-1052

SEE COPY

LABEL 11-B 5/93

For Pickup or Tracking Call 1-800-222-1811

they deal w/ soils & gave consultant 1000, then as 1500
Holly: Sounds like I need to have copy of map's right. Can I have
William David... (Carlin A.L.)

NORTHERN ALASKA DISTRICT OFFICE, LUST/CONTAMINATES SITES SECTION
ACTIVITY LOG FOR MONTHLY REPORTING

From/To: SARAH Sally Adams Company: Jack's Chevron Date: 5/24/95
Re: Outstanding Call Phone #: 295-1052 Time: 1:21 AM/PM (M)
Jack's Chevron File #: 120.26.008 Your Name: Hung

<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Meeting	<input type="checkbox"/> Inspection	<input type="checkbox"/> Office Time
<input checked="" type="checkbox"/> Technical Assistance	Complaint	Exposure to Haz Mat	Training
Home Heating Oil Tank	Responses to Complaint	QAPP Review	Public Meetings Attended
Technology Demonstration	Other	QAPP Inspection	

If activity is for a Contaminated Site: FILL OUT A HAZACT OR A CONSITE FORM RIGHT NOW!

Comments:

Rec'd S.A. Had to call them. So will mail to you
today. We got John Janssen and in the agreement he
was supposed to send a report to you. We plan on
yanking USTs end of this mo. + Janssen will do work.
Hung: Make sure a Closure Notice is sent to Anchorage
office 15 days in advance & sometime after, a Post-Closure
Notice must also be sent.

Hang: 2/5-4/98 17 exchange P41, 1150 someone
to pull it on their Revelation database. I'd
do it here, but it's time consuming & not user friendly

NORTHERN ALASKA DISTRICT OFFICE, LUST/CONTAMINATES SITES SECTION
ACTIVITY LOG FOR MONTHLY REPORTING

From/To: Sarah Adams Company: Jack's Chevron Date: 5/22/95
Re: SA done last Phone #: 895-1052 Time: 6:52 AM/PM
Summer File #: 120.26.008 Your Name: Hang

☒ Telephone

☐ Meeting

☐ Inspection

☐ Office Time

☒ Technical Assistance

☐ Complaint

☐ Exposure to Haz Mat

☐ Training

☐ Home Heating Oil Tank

☐ Responses to Complaint

☐ QAPP Review

☐ Public Meetings Attended

☐ Technology Demonstration Other

☐ QAPP Inspection

If activity is for a Contaminated Site: FILL OUT A HAZACT OR A CONSITE FORM RIGHT NOW!

Comments:

John Janssen of Oil Spill Technology did it last
summer. He has never given us rpt! We paid him.
Hang: Could you call him & have him send report
to us & also address it to me Eleanor Hang.
We have no file on you except a spill rpt 8/25/90
when someone drove off w/ hose attached.

Hung, Eleanor

From: Hung, Eleanor
To: Carrick, Stan
Cc: Peterson, Jeff; Bainbridge, Steve
Subject: RE: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Tuesday, May 23, 1995 9:43AM

Hi Stan,

Finally have an answer for you on the above. We have a spill report on this site where a customer drove off with the hose attached. Jeff mentions below date reported and what was spilled. I talked to Sarah Adams, wife of owner yesterday. She stated that John Janssen of Oil Spill Technology did a site assessment last year and was paid. She has not seen the report. She will call John and ask for the report and will have him send us a copy. They plan on upgrading their USTs.

From: Hung, Eleanor
To: Peterson, Jeff
Subject: RE: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Tuesday, May 16, 1995 11:05AM

Wow!!! thanks, I'll take a look at this file.

From: Peterson, Jeff
To: Hung, Eleanor
Subject: RE: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Tuesday, May 16, 1995 8:04AM

Only thing I can find on the place is re: file# 120.02.000, a gasoline spill dated 6/25/90.

From: Hung, Eleanor
To: Peterson, Jeff
Subject: FW: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Monday, May 15, 1995 5:22PM

Jeff,

Deb got back to me. Does not recall but one site in Delta last year. I was not this one. So with all the info, that I have extracted, can you find something on this site?

From: Carrick, Stan
To: Hung, Eleanor
Subject: RE: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Friday, May 12, 1995 9:14AM

The phantom facility, huh?! The questionnaire states the o/o has just the one facility. Three tanks total, 2 in use, 1 out of use since 1966. The place has been in operation for about 30 years, 25 by the current o/o. No documented connection to the Trading Post. The o/o home address is 4353 Lakeview Drive, Delta Junction. Apparently there was an old spill and they've applied for cleanup money, but I couldn't find a spill number in the database. An S/A was done last August, but we don't have a copy. Don't spend a lot of time on this, I can wing it. Thanks and have a nice, warm weekend.

From: Hung, Eleanor
To: Carrick, Stan
Subject: FW: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Thursday, 11 May, 1995 16:56

Does this in any way tie into the Tanana Trading Post @ Delta Junction? How many tanks involved? and what was the date the USTs were excavated?

From: Carrick, Stan
To: Hung, Eleanor
Subject: RE: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Thursday, May 11, 1995 1:40PM

Other than our FAC#1776 and Owner #590, I can't find any other I.D. The facility is also known as Jack's Chevron Service owned by Jack Adams and managed by Mark Adams. Copper Valley Enterprises and Gilfilian did the work last summer--supposedly. Thanks for your time.

From: Hung, Eleanor
To: Carrick, Stan; Bainbridge, Steve
Cc: Peterson, Jeff
Subject: RE: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Thursday, 11 May, 1995 10:29

I'm not familiar with this site. Do you have other names for it? Perhaps a former name? Or an o/o's name? Ja, pretty hot up here and the air is dirty with dust and pollens. Very hard on our lungs. Praying for rain to keep the dust and pollens down and drive the state bird to laying eggs instead of pricking us.

From: Carrick, Stan
To: Hung, Eleanor; Bainbridge, Steve
Subject: Jack's Service, Delta Junction, mi. 266 Rich. Hwy.
Date: Thursday, May 11, 1995 9:30AM

Hi,
I understand from a phone log in our meager files, that there was an S/A done for this facility last summer and some contamination was found. What's the latest ?
Are you sweltering in your 80+ degree heat?! Thanks much.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
OIL & HAZARDOUS MATERIALS INCIDENT REPORT FORM

FILE# Delta Misc.
120.02.000
 SPILL# 9033012060

PERSON REPORTING <i>Fred Ready Delta Jack Fire Chief</i>		PHONE <i>City Hall 895-4656</i>
RESPONSIBLE PARTY <i>Jack Adams @ Jack's Chevron</i>		ADDRESS <i>mile post #266 Richardson Hwy P.O. Box 587</i>
DATE/TIME OCCURRED <i>6-25-90 14:21 hrs.</i>	DATE/TIME REPORTED <i>6-25-90 3:55 pm</i>	KNOWLEDGE OF SPILL <i>14:21 hrs.</i>
PRODUCT TYPE <i>unleaded gasoline</i>	QUANTITY SPILLED <i>~ 30 gallons</i>	QUANTITY RECOVERED <i>~ 27 gallons</i>
LOCATION <i>@ Jack's Chevron @ pumps</i>		
LONGITUDE		LATITUDE
CAUSE <i>Vehicle took off w/ pump attached to vehicle</i>		
DAMAGE <i>property damage: pumps destroyed & overhead light</i>		
AREA AFFECTED <i>pump island area</i>		
CLEANUP <i>all picked up except for immediate soil area which still needs to be picked up. They will dig up & replace w/ new gravel after insurance adjustment.</i>		
DISPOSAL <i>bars of sorbents will go to burn pit</i>		
COMMENTS <i>Fred said he would check on it later. Soils will be burned w/ it in burn pit.</i>		
PREPARED BY <i>Leslie Simmons</i>		DATE <i>6-25-90 3:55-4:00 pm</i>