

Appendix B



Field Notes

CHEMTRAC - KAWERAK-ESKER 9/25/2028

ELIM SITE

partly cloudy
page 1

2115 - load materials into
truck & bring to Bering

Air. Ride of truck from Kym

0900 - Flight from DOME to Elim.

1100 - 880-5253 - Russ Sacchew's - operator
coordinating utilities, heavy
equipment, housing, freight

1130 - H&S

1200 - Site walk to check access & plans

1230 - planning at Test Pit under
coordinating freight & operator

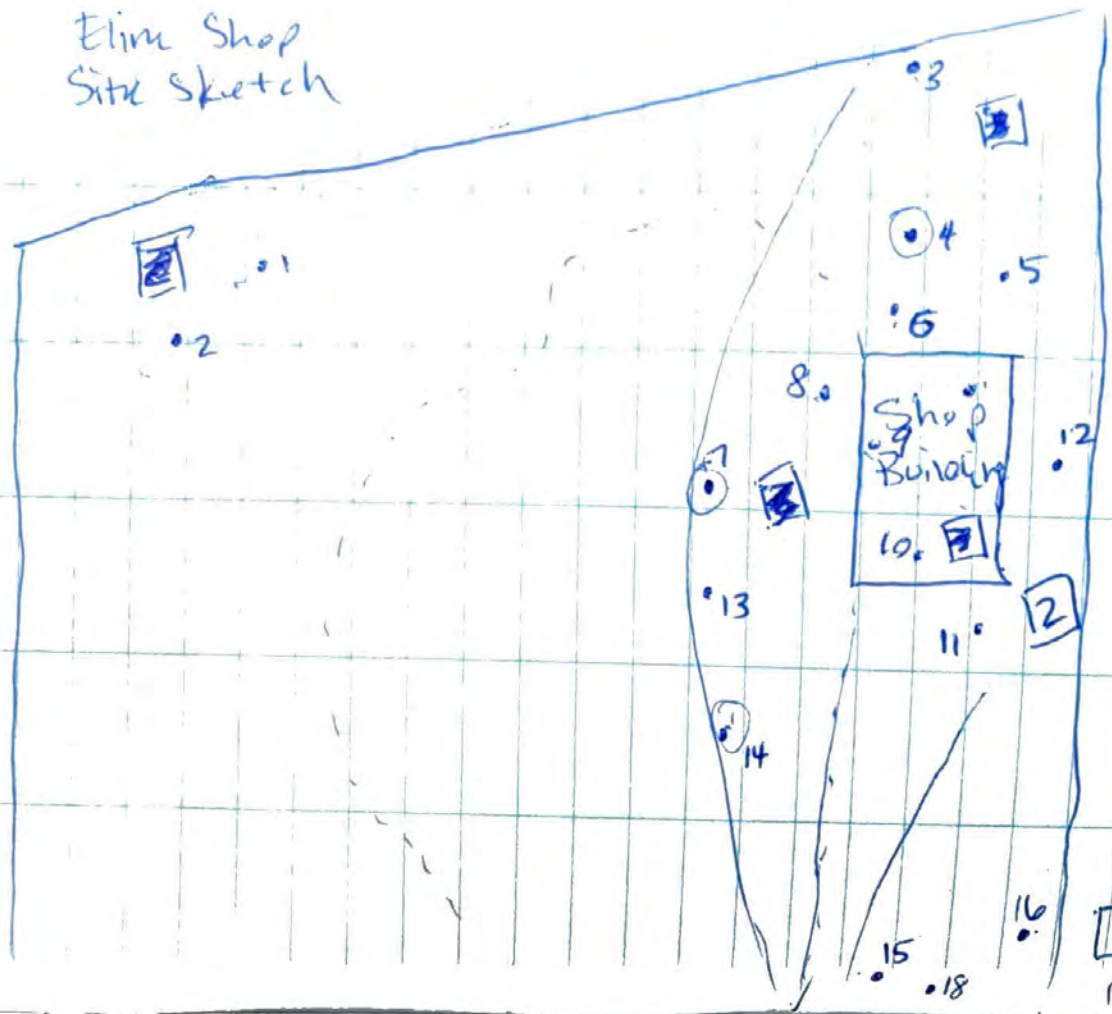
1300 - Plans to start w/TP's 2, 3, 8, 11, 20

1315 - Bering freight plane in.

Elim Shop
Site Sketch



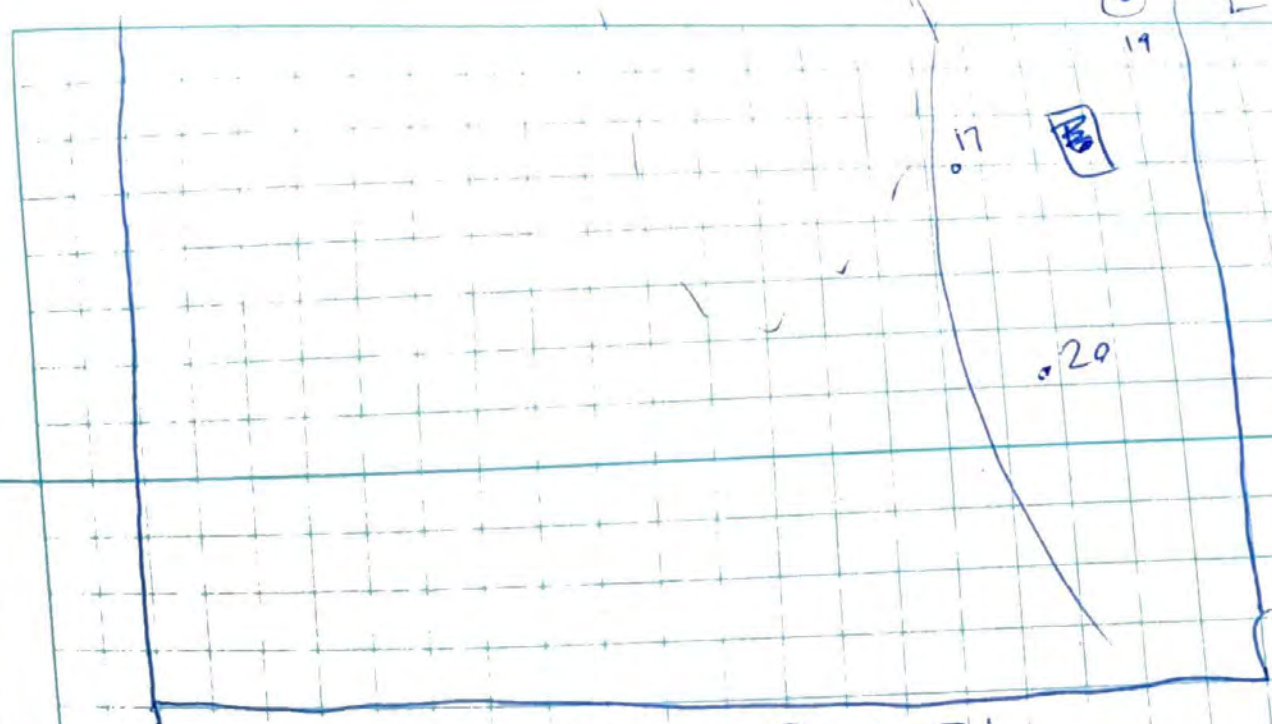
9/25



Chimney



CHIMNEY
KINDERGARTEN
ELEM SITE PLAN SKETCH



Moses Point Rd

Page 3

Note: Not to Scale

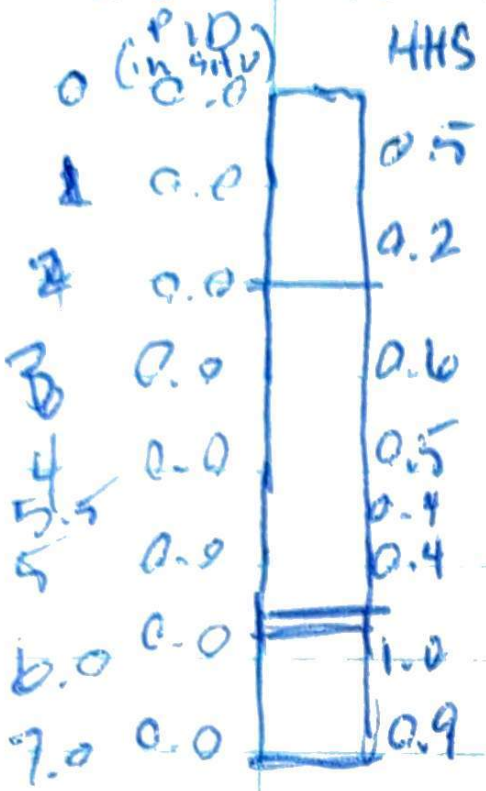
Notes on the Plan

CHEMTRACK & ANALYSIS

6 1335 - Test Pit #3

ELIM SITE

Page 4



- Dr brown, organic top soil
- Lt brown, silty soil w/ coarse gravel
- increasing fines w/ depth
- gravel is dk gray schistose phyllites w/ FeO staining
- coarsening downward
- large gravel from pad build in 80's
- 5.5 dark brown w/ organic part med. gray clay directly below
- Lt brown/gray silty sandy fine (80's)

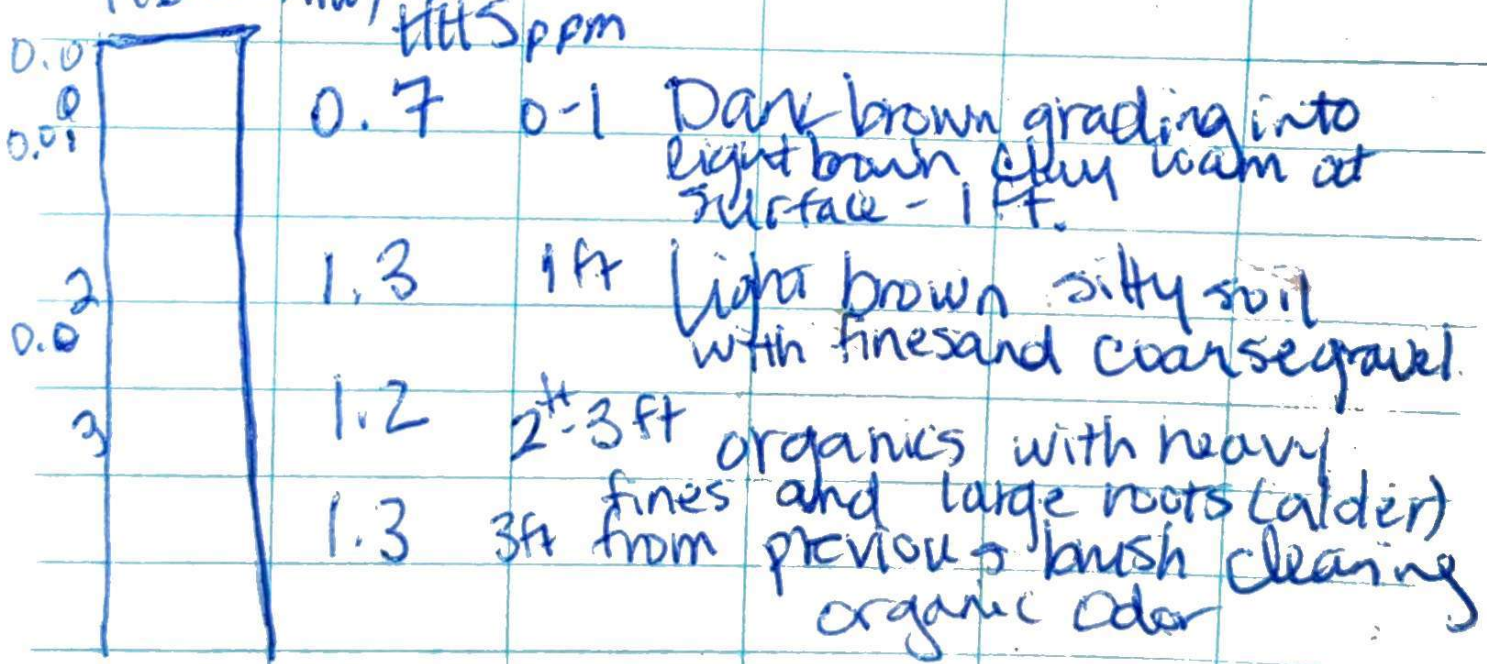
1430 - begin backfilling - No signs of contamination

24 ELISO - TP3 - 7.0

1455 Attempting to move truck over TP-02.

15:05 Begin TP02

End - 15:53



11.7
5
6.0
7
8
9
0.0
7.5

2.5 ^{4ft} dark grey clay with large black alder roots organic odor (page 5)

4.1 ^{5ft}

3.2 ^{6ft} light brown loam with coarse gravel, coarsening downward

~~5.2~~ ~~SAMPLE 24EL150-TP27.0~~
5.2 light grey clay with fines and gravels. odor detected: chemical/rubber; not petro

4.4 ^{8ft} " odor may be previous burning of alder

0.9 ^{9ft} light brown sandy loam; no odor

1.0 ^{9.75ft} SAMPLE 24EL150-TP27.5 light brown clay loam with large clay casts and bedrock pieces bedrock (quartzite; massive)

15:30 Begin backfilling at TPO 2 TPO 8 next to blue open top 3 supersacks of gray sand

16:05 Begin TPO P End: s ppm on site PID

ppm	HHS ppm	Description
175	237.8	1 - Dr brown gravel (42%) w/ sand some black staining + odor
72	172.9	2 - Red staining (1, near)
2	107.8	3 - Lt brown very fine silt, no visual staining, schistose gravel
365	10.8	4 - gray brown fine gravel (42%) w/ orange staining
429	144.6	5 - old liner intercepted
510	11.0	6 - black staining under liner, wood sticks rubber/burn smell like in the rain.

8' M-situ PID @ 6' 24ELISO-TP08-1.0
 6' 24ELISO-TP08-6.0 9/25/24
 7' 2.9 3.2 - less usual staining, med gray
 8' 0.1 0.9 very fine sand/silt
 9' TD - lt brown med grained sand w/ no staining

1658: begin backfilling
 TP00 ground surface displays black staining
 1700: Begin TP20 End: 17:55

In Situ (ppm)	ITHS (ppm)	Notes
20.5	23.3	Black SMELLY! (oily/fresh) fine grained sand < 10% gravel
11.3	45.6	Brown sandy gravel < 10% SMELLY (oily) angular clasts Schistose
8.3	18.0	
0.2	2.7	@ 2' 24ELISO-TP20-2.0 Brown sandy gravel < 2% rounded clasts (wacke)
0.0	1.0	
2.2	5.3	v. fine grained black sand. Rare jagged gray wacke clasts
6.5	5.6	Bottom gravel (25%) (26")
8'		v. fine grained brown sand gravel (25%) more iron oxide
9'		no staining.
		v. fine sand with fine light brown gravel (25%)

17:55 Begin backfilling TP20.
 18:00 off site - begin drafting daily

R

Elim Old City Shop Cont. 09/26/24 9

Objective: Complete up to 16 more Φ .7
bores on site and potentially install
groundwater monitoring wells.

Temp: 40°F; cloudy; light winds

Equipment: Backhoe, PID

Personnel: Russel (operator), Kayla
Bourdon (Kawerak), Jackie Prowsley (JMA),
Lauren Jennings (ChemTrack).

08:00 Safety meeting held.

08:15 Begin TPI4. End: 09:39

In Situ (ppm)	PID	HHS (ppm)	Description
0.0	0.5	0-1 ft bgs	Compact fill material light brown loam with fines & gravels
0.0	0.2*	1-2 "	" "
0.0	0.3	3-4 "	" "
0.0	0.0	5-6 "	dark brown silty loam with large angular rocks (25%) some debris noted: landfill?

TP 14

In Situ (ppm)	AD	HHS (ppm)	Description
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4.9	7.0 6.0	6-7 ft	bgs Dark brown Silt loam with large angular gravel (25%) Slight odor, old oil
-----	--------------------	--------	---

2.1	9.3 7.0	7-8 ft	bgs " " debris/trash Slight odor old oil // burnt smelt liner noted
-----	--------------------	--------	---

SAMP

0.8	7.2 9.3	8-9 ft	bgs " " debris/trash potentially old landfill footprint oil/trash odor
-----	--------------------	--------	--

@ 0855 * 24 ELISO-TP14-8.0

0.0	7.2 7.2	9-10 ft	bgs " cleaning out hole Light yellow brown Silt loam with heavy fines and weathered bedrock (25%) potentially high silica content
-----	--------------------	---------	---

0.0	3.0 1.1	10-11 ft	bgs " " oxidation noted
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TPH In Situ (ppm)	PID	HHS (ppm)	Description
0.0	3.0	"	" no odor; oxidation noted
0.0	3.3	12-13 ft bgs	" no odor; more platy; oxidation noted Quartzite
0.0	2.8	13-15 ft bgs	" no odor; more platy; oxidation Quartzite. No water

09:39 Backfilling begins.

10:02 Start TP07

End: 10:33

In Situ (ppm)	PID	HHS (ppm)	Description
---------------	-----	-----------	-------------

0.0	1.5	0-1	light brown silt loam top fill; gravel (25%)
0.0	1.7	1-2	" "
0.0	2.6	2-3	lighter brown silt loam top fill with angular gravel top fill (25%)

Note in the Rain.

TP07 cont.

09/26/24

In Situ (ppm)	PID	HHS (ppm)	Description
0.0	3.3	3-4	Same as previous
0.0	3.3	4-5	" " fining downward weathered quartzite + schists
0.0	3.2	5-6	" " more debris noted; potentially top of landfill.
0.0	2.9	7-8	Skipped interval due to cleanout light brown/orange very fine silty with gravels (25%)
0.0	3.6	8-9	" "

NO SAMPLE IN TP07

10:45 TP13 start

end: 11:25

In Situ (ppm)	PID	HHS (ppm)	Description
0.0	1.4		0-lbgs light brown silt loam with angular gravel (25%)
0.0	2.0	1-2	" "

24th CITY SHOP

cont. 9/24/83

TR 13
Shop

(page 15)

Depth (ft)	PID	MLS (ppm)	Description
0.0	1.6	2-3 bgs	light brown silt loam with angular gravel (25%) schistos
0.0	3.3	3-4	" "
0.0	3.6	4-5	" "
			debris noted old alder brush
0.0	3.6 ^W 6.5	5-6	light brown/orange very fine silt with gravels (25%) alder debris
0.0	6.5 5.1	6-7	dark brown loam / burnt alder debris trash / burnt odor excavator having difficulty going through debris
0.0	15.7	8-9	had to clear sidewalks, missed internal light brown orange very fine silt with gravels (25%)

★ 24E 450-TR 13-9.0 @ 1115

Notes on the Rain

ELIM CITY SITE 09/26/24

11:25 Backfilling begins at TPB.

11:41 Start TPOB

(outside shop) (page 12)
end: 12:05

In Situ (ppm)	PID	HH5 (ppm)	Description
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0.0

2.8

0-1 ft light brown
silt loamtop soil with
angular gravel
(25%) fill

0.0

2.2

1-2 ft " "
bgs

0.0

0.3

2-3 ft bgs " "

0.0

0.2

3-4 ft bgs " "

0.0

0.5

4-5 ft bgs

dark grey/brown
silt with ^{increasing} fines

debris noted

0.0

1.0

5-6 ft bgs " "

no debris
noted

0.0

0.4

6-7 ft bgs light brown
silt loamwith angular
gravel
(25%)

0.0

0.7

7-8 ft bgs " "

0.0

0.9

8-9' orange v. fine
gravel silt

ELIM CITY SHOT

cont.
09/26/24 15

1205 Backfilling TPO

(P.13)

checked access for other TPs

15:31 TPIO Beging

Ends: 14:27

In Situ (ppm) PID HHS (ppm) Description

In Situ (ppm)	PID	HHS (ppm)	Description
1.4	3.1		0-1 ft bgs Fill material silt loam ^{light brown} stains on surface gravel (25%) petro odor
0.1	1.1		1-2 ft bgs " " odor, petro, but low PID
0.0	6.8		2-3 ft bgs " " petro odor
1340 ★ 24 ELISO - TPIO - 3.0			
0.4	1.5		3-4 ft bgs " " no odor
0.0	0.4		4-5 ft bgs " " Cave ins frequent no odor
0.0	0.4		5-6 ft bgs lighter brown silt loam fining downward fill material no odor

0.0	0.0	7-8	liner found dark brown silt loam increasing in fines cave in & clean out missed an interval organics
0.0	0.9	8-9	dark brown silt loam active soil ^{LS} organic odor
0.0	0.8	9-10	" " landfill found burned carbon former (?) found & glass from 50's-60's
0.0	0.3	10-11	light yellow brown silt loam with angular gravel

TPM9 start ELM CITY STOP end: F34 cont. 09/20/24 (P.15)

in situ (ppm)	PID	HHS (ppm)	Flags	Description
				(15 min after backfilling)
				PAUSED WORK TO CONFIRM GLOSS TO PROCEED AFTER OBSERVING GLOSS IN MATRIX FROM 50'S TO 60'S.
				VERBAL OR RECEIVED FROM CURATOR
0.0	2.5	0-1		Top Soil / pin no odor
0.0	1.0	1-2		" " 712% gravel
0.0	0.4	2-3		Lt Brown / orange fine grained gravel (schistose & granite)
0.0	0.5			gravel > 10%, Matrix fine grained silt odor (organic)
	0.5	4-5		" " no odor
0.0	0.5	6-7		Brown; fine grained schistose less gravel > 10% Very fine grained silt organic (odor)
0.0	1.7	7-8		" " iron oxide weathering
0.0				lines at 7.5 ft.
	1.2	8-9		" "

ELIM CITY
STOP

09/26/24

P16

Landfill layer is estimated to be from the 1970s. However, in TP 10, evidence of glass from the 50's was found. Locals estimate the glass came from barges that would store on board.

A burnt carbon femur was also documented + photographed once discovered.

A discussion was hosted with Esker to any historic relevance to site after stop work was called. Esker is sending ATRS / NTHS Documented on file for this project.

A discussion was held with onsite City Clerk, Clarence, and team will provide Arch. Monitoring and inform Clarence / Esker of other discoveries.

Arch discussion

ELIM CITY SHOP

TP09 (inside shop)

cont
09/26/24 (p. 1)

in situ (ppm) PID HITS (ppm) # bags Descr.

1.7 8-9 Tin can
observed
in landfill
material;
no other
cultural
material
to note

0.0 1.2 9-10 light brown
silt loam
V fine grained
shistose
quartzite
boundary
no cultural
material
noted

0.0 0.2 10 " "
massive cave
in so best
representative
of floor
collected

*24E450-TP09-10.0

@1533

15:34 Begin backfilling at TP09.

See next page for TP4

(outside) ELIM CITY STOP

start TPO5 16:30 end 16:41 09/26/24

in situ (ppm) PID HHS (ppm) ft bgs Description

0.0 | | 0.0 | 0-1 dark brown loam with alder roots

0.0 | | 0.2 | 1-2 light brownish yellow fine grained gravel >12% schistos / quartzite

0.0 | | 0.4 | 2-3 " "

0.0 | | 0.3 | 3-4 " "

@1635 *24ELISO-TPO5-4.0

Excavation stopped due to full drum on pallet with no bung being to close to edge to prevent additional contamination.

16:41 Backfilling begins at TPO5.

17:00 Start TPO2 end: 17:30

in situ (ppm) PID HHS (ppm) ft bgs Description

0.0 | | 0.3 | 0-1 light grey silt loam with angular gravel schistos / quartzite (25%)

ELIM CITY SHRP

Cont.

09/26/24

(p.19)

TP12

insitu (ppm)	PID	HHS (ppm)	ft bgs	Description
N/A		N/A		1-2 due to restrictions, did not collect
0.0		0.2	3-4	same as 0-1
0.0		0.5	4-5	light brown silt loam with schistose quartzite gravel (25%)
0.0		0.5	5-6	" " increasing "boulders"
0.0		0.3	6-7	" "
			7-8	dark brown loam
		0.7 @ 7.5		Landfill layer no culturally significant material
0.0		0.2	8-9	light brownish yellow silt loam with sands/fines

1715

24EL150-TP12-9.0

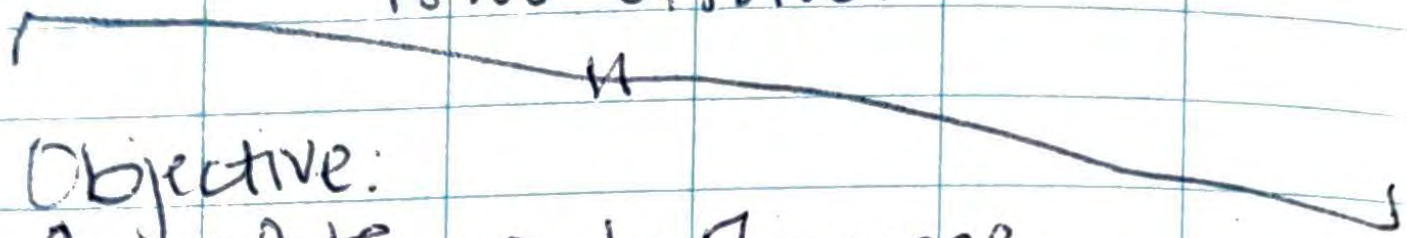
@1716 (DVP)

24EL150-TP120-9.0

no culturally significant items
mottled lenses

17:30 TP12 Backfilling begins
18:00 offsite.

09/26/24



Objective:

Complete up to 7 more test pits.

Temp: 32° F; Snowing hard; light wind

Equipment: Backhoe, PID

Personnel: Same as previous

08:00 Safety meeting held

08:24 TP11 Begin

End: 09:03

In Situ (ppm)	PID	HHS (ppm)	ft	Description
0.0	0.0		0-1	Dark brown silt loam top soil 210% Small round gravel
0.0	0.0		1-2	Light brown silt loam angular gravel > 12% schist of quartzite
0.0	0.0		2-3	" " increasing boulders
0.0	0.0		4-5	" " interval / misse d.

ELIM CITY SHOP cont. 09/27/24

TP11 cont

In Situ (ppm)	PID	HHS (ppm)	Abgs	Description
0.0		2.0	5-6	Dark brown loam with heavy alder brush debris organics
0.0		9.0	7-8	alder brush is most of 6-7 and easy to punch through light brownish yellow silt loam with v. fines >12% gravel schistos quartzite
0.0		9.0	8-9	" " cave in / access getting hard.

@0900 24EUSO-TP11-9.0

09-03 Begin backfilling TP11.

Start: 09:25
TP11

end: 09:49

In Situ (ppm)	PID	HHS (ppm)	Abgs	Description
8.5		46.8	0-1	soil staining noted; black oily dark brown silt loam v. fine into light brown silt loam v. fine PETRO odor

24

TP16

Cont.

EUM CITY
STOPcont.
09/27/24

In Situ (ppm)	PID	HA5 (ppm)	ft/bags	Description
15.4		155.8	1-2	light brown silt loam v.
0930	24EUSO-TP16-2.0			fine >25% gravel angular schistose quartzite
0931	24EUSO-TP160-2.0			
60.0		43.7	2-3	" " light petro odor
25.3		56.9	3-4	" " light petro odor
				major soil stockpiling issues due to access + on site border.
2.6		5.8	4-5	" " increasing boulders slight petro odor
@0948	*24EUSO-TP16-5.0			

09:39 Backfilling at TP16 begins
due to access issues + hope to
not contaminate further on downslope
property.

10:00 ELIM CITY STOP

end: 10:32 - 09/27/24²⁵

Start TPIA

in-situ	PID	HHS	Ft Hgs	Description
0.0		18.3	0-1	top soil, brown organics
0.0	24EUSO-TPIA	-1.0		rooty
0.0		0.0	1-2	tan/brown silty loam Fines > 25% gravel angular schistose/ meta/quartzite
0.0		0.0	2-3	" "
0.0		0.0	4-5	interval missed due to easy dig/cakes
0.0		0.0	5-6	" "
0.0		0.0	6-7	" "
0.0		0.0	7-8	light brown increasing fines
0.0		0.0	8-9	light brown silt loam v fine

10:32 Backfilling begins, NO
 NO SAMPLE IN TPIA - NO DEBRIS, NO
 ODOR OR VISUALS, NO INDICATORS OF
 CONTAMINATION.

Rite in the Rain

26

10:47

Start:

TP 21

end: 11:08 09/27/24

In Situ (ppm)	PID	HHS (ppm)	ft hrs	Description
0.0		0.0	0-1	light brown silt loam fill material
0.0		0.0	1-2	light brownish yellow silt loam v. fine fill material angular gravel >25%
0.0		0.0	2-3	" "
0.0		0.0	3-4 4-5	" "
				Larger gravel & more
0.0		0.0	5-6	" "
0.0		0.7	6-7	dark brown silt loam with increased fines at least 5-11% or 15 just alders

@ 1195 also TP 21 - 1.0

* TP 21 stepped forward 15 ft to determine boundary of contamination

11:08 Start backfilling at TP 21.

* Moved TP 18 15 ft east due to access issues in drum yard.

Start: 11:41 TP 18

end: 11:59

go to next page

cont.

IP18

09/27/24 27

in situ (ppm)	PID HHS (ppm)	Flags	Description
0.0	0.0	0-1	dark brown silt loam fill v fine round gravels 15%
0.0	0.0	1-2	light brown silt loam fill v fine angular gravels, shists, quartzite
0.0	0.0	2-3	" "
0.0	0.0	3-4	" "
0.0	0.0	4-5	organic dark brown silt loam with alders
0.0	0.0	5-6	reddish brown sandy loam w fines; oxidation
0.0	0.0	6-7	" "

11-29 End IP18.

28

TP04

start: 13:55

end: 14:17

09/27/24 ^{cont.}

in situ (ppm)	PID	HHS (ppm)	ft	logs	Description
0.0		0.0		01	dark brown foam with angular gravel (12%)
0.0		0.0		1-2	light brown silt loam with fines angular gravel (15%)
0.0		0.0		2-3	" "
0.0		0.0		3-4	" "
					increasing boulders
0.0		0.0		4-5	" "
0.0		0.0		5-6	" "
0.0		0.0		6-7	dark brown silt loam v fine with organics no debris
0.0		0.0		7-8	brownish red sandy loam with gravels (12%)

@1415 24EL150-TP04-8.0

14:17 begin back-filling TP04.

See next page for next TP.

TP01

start: 14:31

end: 14:58 9/27/24

insitu(ppm)	PID	HAS(ppm)	fbags	Description
0.0		0.0	0-1	rocks; light brown loam with rounded gravels
0.0		0.0	1-2	light brown silt loam with angular gravel schistos / quartzite (15%)
0.0		0.0	2-3	" " fiberglass debris
0.0		0.2	3-4	dark grey/green silt loam & fine
0.0		0.3	4-5	" "
0.0		0.3	5-6	" " minor debris noted
0.0		0.0	6-7	brownish red sandy loam w no debris & gravels

14:54 begin backfilling at TP01.

See next page for final TP.

@H20* 24ELIS0-TP01-5.0

30

TP17

Start: 15:05

TRAIN CITY SHOP
end: 1545

09/27/24

In Situ (ppm) PID HHS (ppm) ft bgs Description

0.0

0.0

0-1 light brown
silt loam
✓ fine
gravels
25%
fill dirt
slight oil
odor

0.0

0.0

1-2 light brown
silt loam
with angular
schists and
quartzite
gravel

0.0

0.0

2-3
4-5 ft
✓ ~~3-4~~ very compact
fill layer
brown silt loam
with ^{rounded} ~~angular~~
gravel (30%)
debris noted;
old bear can
and trash

0.0

0.1

5-6 grey silt loam
with rounded
gravels
organic
odor noted

@ 1530 24EU SO-TP17-4.0

0.0

0.9

6-7 transition to
orange brown silty
sand w/ Fe lenses

0.0

0.0

8' orange sandy
loam & v

ELIM CITY SHOP

09/27/24

Collecting GPS points from all sites -

TP01 ✓ TP05 ✓ TP04 ✓ TP12 ✓ TP15

~~TP15~~ TP12 - Remaining
 Start 1645 END 1711

In situ	PID	HIS	depth	logs	Description
0.0		0.0	0-1		Brown topsoil / fill
0.0		0.1	1-2		tan/orange schistose / g shale (> 25% long)
0.0		0.0	2-3		" "
0.0		0.1	3-4		" " schistose large boulders
0.0		0.4	4-5		light gray green transition to dark brown/black debris & burnt rubber smell
0.0		0.9	5-6		+ glass, debris, sticks
0.0		0.5	5-5		rounded pebble gravel
0.0		0.5	6-7		+ small rubber wheel from brown debris
0.0		0.2	7-8		transition into orange fine grained sand layer
0.0		0.0	8-9		orange med fine/med sand

@ 1700

24ELI50-TP15-5.5

20 09/27/24 Rita J. Chabain

CHEMTRACK - KAWERAK

HIGHEST

	DATE	START	STOP	TD	HHS	SAMPLED?
TP01	09/27/24	1431	1450	7.0	0.3	YES
TP02	09/25/24	1505	1553	9.5	5.2	YES
TP03	09/25/24	1335	1430	7.0	0.9	YES
TP04	09/27/24	1355	1417	8.0	0.0	NO
TP05	09/26/24	1630	1641	4.0	0.4	YES
TP06	09/26/24	1141	1205	9.0	2.8	YES
TP07	09/26/24	1002	1033	9.0	3.6	NO
TP08	09/25/24	1605	1658	9.0	237.8	YES
09	09/26/24	1510?	1534	10.0	2.5	YES
TP10	09/26/24	1331	1427	16.0	6.8	YES
PI1	09/27/24	0824	0903	9.0	2.0	YES
	09/26/24	1700	1730	9.0	7.5	YES
				9.0	6.5	YES
13	09/26/24	1045	1125	15.0	9.3	
14	09/26/24	0905	0939	9.0	0.5	YES
15	09/27/24	1645	1711	9.0	0.9	YES
16	09/27/24	0925	0949	5.0	155.8	YES
TP17	09/27/24	1505	1545	8.0	0.9	YES
TP18	09/27/24	1141	1159	7.0	6.0	NO
TP19	09/27/24	1000	1032	9.0	18.3	YES
TP20	09/25/24	1708	1755	9.0	45.6	YES
TP21	09/27/24	1047	1108	7.0	0.7	YES

↑ EUM CITY SHOP TEST PIT SUMMARY ↑
2024

Appendix C



Daily Field Reports

CONTRACTOR'S QUALITY CONTROL REPORT (CQC)

Report #: 1

Date: 25-Sep-24

Wednesday

CONTRACT NO. AND NAME OF CONTRACTOR:

Contract No.: 202315109.01
ChemTrack Alaska, Inc.
11711 S.Gambell St.
Anchorage, Alaska 99515

DESCRIPTION AND LOCATION OF THE WORK:

Job# 6474
Job Name Kawerak Elim Site Investigation
Location Elim, Alaska

WEATHER:

Sunny, 39-41°F winds variable gusting 10 mph.

NAME OF CONTRACTOR/SUBCONTRACTORS WITH AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY:

Contractor's/Subcontractor's Name: a. <u>ChemTrack</u>	Area of Responsibility: <u>Soil Sampling</u>
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1. WORK PERFORMED TODAY:

7:00hrs CT met to load materials into the Kawerak truck to ship from Nome to Elim via Bering Air.
09:00hrs CT flies from Nome to Elim.
11:00hrs CT arrives in Elim, gathers gear, and heads to accommodations.
11:30hrs CT conducts health and safety meeting with Kawerak before checking utilities onsite and beginning excavations.
12:00hrs CT conducts site walk and checks access for test pits.
12:30hrs Bering Air arrives with gear. Two crew stayed to initiate test pit operations while the third team member handled logistics.
13:35hrs Test Pit #3 excavation begins. PID ranged from 0.2-1.0 ppm. Sample 24ELISO-TP3-7.0 collected.
14:55hrs Test Pit #3 excavation and backfilling concludes.
15:05hrs Test Pit #2 excavation begins. PID ranged from 0.7-5.2 ppm. Sample 24ELISO-TP2-9.5 collected.
15:53hrs Test Pit #2 excavation and backfilling concludes.
16:05hrs Test Pit #8 excavation begins. PID ranged from 0.9-237.8 ppm. Very strong gasoline odor was noted to depths of 3 ft. Sample 24ELISO-TP8-1.0 and 24ELISO-TP8-6.0 were collected.
16:58hrs Test Pit #8 excavation and backfilling concludes.
17:08hrs Test Pit #20 excavation begins. PID ranged from 5.3-45.6 ppm. Oily trash odor noted up to depths of 3 ft bgs. Sample 24ELISO-TP20-2.0 collected.
17:55hrs Test Pit #20 excavation and backfilling concludes.
18:30hrs Team heads back the IRA accommodations and works on daily reporting.
20:00hrs Team wraps up for the day, off the clock.

Future

Advance up to 16 more test pits.

3. TYPE AND RESULTS OF INSPECTION: (Indicate whether P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

4. SAMPLING REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

Type of Test Performed:	Results:	Spec Section Covered:	Comments:
AK101, AK 102, AK 103, 8260 and 8270			

5. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, re-testing required, etc., with action to be taken.)

None.

6. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, cause and extent thereof; days of no work with reasons for same, site visitors.)

Materials onsite still, so team is working around the old shop items.

7. SAFETY: (Include any infractions of approved safety plan, safety manual, or instructions from Government personnel. Specify corrective action taken.)

Safety Plan and Morning Tailgate will begin before sitework initiates tomorrow morning.

8. EQUIPMENT TYPE:	Usage	Location & Utilization
a. PID	6.5	Elim Site - field screening
b. Backhoe	6.5	Elim Site - test pit excavation
c. Side by Side	8	Elim Site - transportation
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____
g. _____	_____	_____
h. _____	_____	_____

9. PERSONNEL:	Hrs.		Position
	ST	OT	
a. Lauren Jennings	8	5	QEP/Sampler
b. Jackie Rowley	8	5	QEP/Sampler
e. _____	_____	_____	_____
f. _____	_____	_____	_____
f. _____	_____	_____	_____
c. _____	_____	_____	_____
d. _____	_____	_____	_____

10. MATERIALS BROUGHT ON SITE:	SPEC SECTION	MATERIAL APPROVED? WHEN?
a. Sampling supplies and equipment	Sampling	_____
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

1
REPORT #

25-Sep-24
DATE

CONTRACTOR'S AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (CQC)

Report #: 2

Date:

26-Sep-24

Thursday

CONTRACT NO. AND NAME OF CONTRACTOR:

Contract No.: 202315109.01
ChemTrack Alaska, Inc.
11711 S.Gambell St.
Anchorage, Alaska 99515

DESCRIPTION AND LOCATION OF THE WORK:

Job# 6474
Job Name Kawerak Elim Site Investigations
Location Elim, Alaska

WEATHER:

Sunny, 30-40°F winds variable gusting 4 mph.

NAME OF CONTRACTOR/SUBCONTRACTORS WITH AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY:

Contractor's/Subcontractor's Name:

Area of Responsibility:

a. ChemTrack

Soil Sampling

1. WORK PERFORMED TODAY:

8:00hrs CT met with the Operator to have a Health and Safety Meeting.

8:15hrs Test Pit #14 excavation begins. PID values ranged from 0.0-9.3 ppm. Sample 24ELISO-TP14-8.0 collected. Depths of 15 feet were reached and no groundwater was encountered. PID readings were below 10 ppm below 9 feet bgs.

09:39hrs Test Pit #14 excavation and backfilling concludes.

10:02hrs Test Pit #07 excavation begins. PID values ranged from 1.3-3.3 ppm. Due to the clean base, no sample was collected.

10:33hrs Test Pit #07 excavation and backfilling concludes.

10:45hrs Test Pit #13 excavation begins. PID values ranged from 1.4-6.5 ppm. Sample 24ELISO-TP13-9.0 collected.

11:25hrs Test Pit #13 excavation and backfilling concludes.

11:41hrs Test Pit #06 excavation begins. PID values ranged from 0.2-6.8 ppm. Sample 24ELISO-TP06-9.0 collected.

12:05hrs Test Pit #06 excavation and backfilling concludes.

13:31hrs Test Pit #10 excavation begins inside of the Old Elim City Shop. Petroleum Odor was noted up to 4 ft bgs, but PID values were low. Several pieces of glass noted in age from the 1950's-60's and a burnt caribou femur were discovered around 9 ft bgs. PID values ranged from 0.3-6.8 ppm. Sample 24ELISO-TP10-3.0 collected.

14:27hrs Test Pit #10 excavation and backfilling concludes.

14:35hrs Test Pit #09 excavation begins inside of the Old Elim City Shop. Organic Odor was noted up to 3 ft bgs, but PID values were low. PID values ranged from 0.4-2.5 ppm. Sample 24ELISO-TP09-10.0 collected.

15:34hrs Test Pit #09 excavation and backfilling concludes.

16:30hrs Test Pit #05 excavation begins. Excavation stopped due to proximity to full 55-gallon drum ground compromise in an effort to not generate more contamination. PID values ranged from 0.2-6.8 ppm. Sample 24ELISO-TP05-4.0 collected.

17:00hrs Test Pit #12 excavation begins. PID values ranged from 0.3-0.7 ppm. Sample 24ELISO-TP12-9.0 collected.

17:50hrs Test Pit #12 excavation and backfilling concludes.

18:00hrs Team departs site.

19:00hrs Team wraps up for the day.

Future

Advance up to 7 more test pits.

3. TYPE AND RESULTS OF INSPECTION: (Indicate whether P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)
 N/A

4. SAMPLING REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:
 Type of Test Performed: Results: Spec Section Covered: Comments:
 AK101, AK 102, AK 103, 8260 and 8270

5. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, re-testing required, etc., with action to be taken.)
 None.

6. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, cause and extent thereof; days of no work with reasons for same, site visitors.)
 Materials onsite still, so team is working around the old shop items.

7. SAFETY: (Include any infractions of approved safety plan, safety manual, or instructions from Government personnel. Specify corrective action taken.)
 Safety Plan and Morning Tailgate will begin before sitework initiates tomorrow morning.

8. EQUIPMENT TYPE:	Usage	Location & Utilization
a. PID	10	Elim Site - field screening
b. Backhoe	10	Elim Site - test pit excavation
c. Side by Side	10	Elim Site - transportation
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____
g. _____	_____	_____
h. _____	_____	_____

9. PERSONNEL:	Hrs.		Position
	ST	OT	
a. Lauren Jennings	8	3	QEP/Sampler
b. Jackie Rowley	8	3	QEP/Sampler
e. _____	_____	_____	_____
f. _____	_____	_____	_____
f. _____	_____	_____	_____
c. _____	_____	_____	_____
d. _____	_____	_____	_____

10. MATERIALS BROUGHT ON SITE:	SPEC SECTION	MATERIAL APPROVED? WHEN?
a. Sampling supplies and equipment	Sampling	_____
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

_____ 2 _____ 26-Sep-24 _____
 REPORT # DATE CONTRACTOR'S AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (CQC)

Report #: 3

Date: 27-Sep-24 Friday

CONTRACT NO. AND NAME OF CONTRACTOR: Contract No.: 202315109.01 ChemTrack Alaska, Inc. 11711 S.Gambell St. Anchorage, Alaska 99515	DESCRIPTION AND LOCATION OF THE WORK: Job# 6474 Job Name Kawerak Elim Old City Shop Location Elim, Alaska
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WEATHER: Partly Sunny, 35-41°F winds variable gusting 6 mph.

NAME OF CONTRACTOR/SUBCONTRACTORS WITH AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY:	
Contractor's/Subcontractor's Name: a. <u>ChemTrack</u>	Area of Responsibility: <u>Soil Sampling</u>

1. WORK PERFORMED TODAY:

8:00hrs CT met with the Operator to have a Health and Safety Meeting.

8:24hrs Test Pit #11 excavation begins. PID values ranged from 0.0- 2.0 ppm. Sample 24ELISO-TP11-9.0 collected.

09:05hrs Test Pit #11 excavation and backfilling concludes.

09:25hrs Test Pit #16 excavation begins. PID values ranged from 5.8-155.8 ppm. Oily residue and petroleum odors noted. Sample 24ELISO-TP16-?? Collected.

09:49hrs Test Pit #16 excavation and backfilling concludes due to soil management and access issues—sample 24ELISO-TP16-5.0 Collected.

10:00hrs Test Pit #19 excavation begins. PID values ranged from 0.0-18.3 ppm. Soil is organic.

10:32hrs Test Pit #19 excavation and backfilling concludes.

10:47hrs Test Pit #21 excavation begins. PID values ranged from 0.0-0.7 ppm. Sample 24ELISO-TP21-7.0 collected. This pit stepped forward 15 feet to delineate contamination found at TP16.

11:03hrs Test Pit #21 excavation and backfilling concludes.

11:41hrs Test Pit #18 excavation begins. PID values ranged from 0.0-0.0 ppm. This pit stepped forward 15 feet from the original location due to access issues.

11:59hrs Test Pit #18 excavation and backfilling concludes.

13:55hrs Test Pit #04 excavation begins. PID values ranged from 0.0- 0.0 ppm. Sample 24ELISO-TP04-8.0 collected.

14:17hrs Test Pit #04 excavation and backfilling concludes.

14:31hrs Test Pit #01 excavation begins. PID values ranged from 0.0- 0.3 ppm. Sample 24ELISO-TP01-5.0 collected.

14:54hrs Test Pit #01 excavation and backfilling concludes.

15:05hrs Test Pit #17 excavation begins. PID values ranged from 0.0- 0.9 ppm. Sample 24ELISO-TP17-6.0 collected.

14:54hrs Test Pit #01 excavation and backfilling concludes.

16:45hrs Test Pit #15 excavation begins. PID values ranged from 0.0- 0.9 ppm. Sample 24ELISO-TP15-5.5 collected.

17:17hrs Test Pit #15 excavation and backfilling concludes.

17:30hrs Team departs site.

19:00hrs Team wraps up for the day.

Future
Demobilize back to Nome. Prepare for mobilization to White Mountain.

3. TYPE AND RESULTS OF INSPECTION: (Indicate whether P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

4. SAMPLING REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

Type of Test Performed: Results: Spec Section Covered: Comments:
 AK101, AK 102, AK 103, 8260 and 8270

5. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, re-testing required, etc., with action to be taken.)

None.

6. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, cause and extent thereof; days of no work with reasons for same, site visitors.)

Materials onsite still, so team is working around the old shop items.

7. SAFETY: (Include any infractions of approved safety plan, safety manual, or instructions from Government personnel. Specify corrective action taken.)

Safety Plan and Morning Tailgate will begin before sitework initiates tomorrow morning.

8. EQUIPMENT TYPE:

	Usage	Location & Utilization
a. PID	9	
b. Backhoe	9	
c. Side by Side	9	
d.		Airport/Nome to Teller
e.		
f.		
g.		
h.		

9. PERSONNEL:

	Hrs.		Position
	ST	OT	
a. Lauren Jennings	8	3	QEP/Sampler
b. Jackie Rowley	8	3	QEP/Sampler
e.			
f.			
f.			
f.			
c.			
d.			

10. MATERIALS BROUGHT ON SITE:

	SPEC SECTION	MATERIAL APPROVED? WHEN?
a. Sampling supplies and equipment	Sampling	
b.		
c.		
d.		

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

3
REPORT #

27-Sep-24
DATE

Lauren Jennings
CONTRACTOR'S AUTHORIZED REPRESENTATIVE