



October 9th, 2024

Strategic Oil and Gas Ltd.
c/o Alvarez & Marsal Canada Inc.
Suite 1110, 250-6th Avenue SW
Calgary, AB T2P 3H7

Attention: Duncan MacRae

File Number	MV2022X0018
Type of Operation	Cameron Hills Oil and Gas Field Abandonment
Location	Cameron Hills, NT

Dear Mr. MacRae,

An inspection of the Cameron Hills Oil and Gas Field Abandonment Program was conducted by Inspector Norm McCowan on September 17th, 18th and 19th, 2024. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation.

Enclosed is a copy of the Environmental Inspection Report. Please refer to the unacceptable and noted conditions in the general comments section of this report. **Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., is required to implement temporary mitigation measures for Wellsites F-75, 2I-74 and 2H-03 no later than October 31st, 2024.** Your attention to this matter is appreciated.

If you have any questions, please contact the undersigned at (867) 875-2800 or Jayda Robillard at (867) 875-2818.

Sincerely,

Norm McCowan
Manager, Resource Management
Lands and Water Division
Department of Environment and
Climate Change
South Slave Region

cc. Michael Martin, Chief Safety Officer, OROGO
Angela Love, Regulatory Specialist, MVLWB



ENVIRONMENTAL INSPECTION REPORT

Permittee:	Strategic Oil and Gas Ltd. c/o Alvarez & Marsal Canada Inc.	Permit Expiry Date:	January 02, 2028
Land Use Permit No.	MV2022X0018	Previous Inspection:	February 21, 2024
Quarrying Permit No.		Inspection Date:	September 17, 2024
Contractor:	ELM Inc.	Subcontractor:	
Location(s) Inspected:	Cameron Hills Oil and Gas Field		
Current Stage of Operation:	The abandonment of the H-03 Battery, forty-four (44) oil and gas wells was completed in the winter of 2023 and 2024.		
Program Modifications Approved:			

Condition of Operation “A” - Acceptable “U” - Unacceptable “N/A” - Not Applicable “N/I” - Not Inspected

Operating Condition	Aspect Inspected					
	Wellsites	H-03 Battery	Camp	Remote Sumps	Pipeline & Access	
Location as Permitted	A	A	A	A	A	
Time as Permitted	A	A	A	A	A	
Equipment as Approved (Type & Size)	A	A	A	A	A	
Methods & Techniques	A	A	A	A	A	
Facilities	A	A	A	A	A	
Erosion (Control or Prevention)	A	A	A	A	A	
Chemicals	A	A	A	A	A	
Wildlife and Fisheries Habitat (Protection)	A	A	A	A	A	
Wastes	A	A	A	A	A	
Historical / Archaeological Sites	A	A	A	A	A	
Fuel Storage	U (77)	A	A	A	A	
Brush Disposal	N/A	N/A	N/A	N/A	N/A	
Restoration of Lands	U (92)	U (92)	U (92)	A	U (92)	
Permits	N/A	N/A	N/A	N/A	N/A	
Matters not Inconsistent	A	A	A	A	A	
Sections 8 to 12 / 14 to 16 M.V.L.U.R.	A	A	A	A	A	

Explanatory Remarks –

An inspection of the Abandonment, Remediation and Reclamation of the Cameron Hills Oil and Gas Field was conducted by Inspector Norm McCowan on September 17th, 18th 19th, 2024. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation.

The inspection was conducted jointly with Officers from the NWT Office of the Regulator of Oil and Gas Operations (OROGO). Water Resource Officer Joshua Gauthier with the Department of Environment and Climate Change (ECC) was present on September 17th and 18th, 2024 to conduct the inspection of Water License # MV2010L1-0001.



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General

Cameron Hills Oil and Gas Field not inspected in the fall of 2023 due to Wildfire SS052 burning in the Cameron Hills. Photographs of the wellsites in this report show many locations burned by the wildfire. All oil and gas wells were abandoned, and wellsite infrastructure was removed prior to the wildfire impacting the area.

The well abandonment signs at many locations were either on the ground, leaning, bent, or were detached from the post. The cement base was noted to be insufficient at many locations. The inspection of the well abandonment signs falls under the jurisdiction of OROGO.

There is over a hundred metal signs located throughout the project area at most wellsites, access roads and pipeline ROW's. The signs were not removed during the wellsite abandonments in the winter of 2023.

The Inspector was pleased to report that the wellsites for the most part were clean of garbage and debris following abandonment operations completed in 2023.

The inspection notes that the backfill of the abandoned wells and removal of the cellars at several of the wellsites was either poorly done or in some cases, not attempted.

All deficiencies noted in this inspection report are summarized in Table 2: *MV2022X0018 Remaining Liabilities in the Cameron Hills*.

GPS coordinates of all wellsites have been updated in this report.

Wellsites

A total of fifty-two (52) wellsites are located in the Cameron Hills and surrounding area (M-31) which are under the authority of Land Use Permit MV2022X0018.

Summary of Wellsites 1968-2015

1. Four (4) wellsites cleared but not drilled: *B-11, H-72, L-09 & P-17*.
2. Six (6) wellsites previously abandoned under separate land use permit (2012-2019): *E-52, E-72, F-19, H-06, K-19, O-19. *These six wells never produced.*
3. Twenty-five (25) wellsites produced over the lifespan of the oil and gas field: *A-03 (injection well), A-05, A-73, B-08, B-38, C-50, C-74, D-49, F-73/2F-73, H-03, 2H-03, H-58, I-16, I-73, J-37, J-74, K-74, L-40, L-47, L-73, M-49, M-73/2M-73, M-74, N-06, & N-28.*
4. Seventeen wellsites (17) with a well that never produced: *A-68, B-09, B-25, C-16, C-19, C-75, E-07, F-75, F-77, G-21, I-10, I-74, J-04, J-62, L-29, M-31 & L-44.*

A total of forty-four (44) oil and gas wells have been abandoned in the Cameron Hills under the authority of Land Use Permit MV2022X0018 between 2023 and 2024.



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Table 1: Cameron Hills Well Abandonments completed 2012-24

No.	Well Name	Rig #	Rig Arrival	Rig Departure	Status	Cut/Cap Completed
1	A-03	Coil Tubing Unit	February 26, 2023	February 26, 2023	Abandoned.	Y
2	A-05	WSK #401	February 01, 2023	February 15, 2023	Abandoned.	Y
3	A-68	WSK #401	January 13, 2023	January 17, 2023	Abandoned.	Y
4	A-73	Triumph #2	February 09, 2023	February 15, 2023	Abandoned.	Y
5	B-08	Triumph #2	February 15, 2023	February 20, 2023	Abandoned.	Y
6	B-09	Coil Tubing Unit	February 27, 2023	February 27, 2023	Abandoned.	Y
7	B-25	WSK #401	January 26, 2023	January 31, 2023	Abandoned.	Y
8	B-38	Triumph #2	January 26, 2023	January 31, 2023	Abandoned.	Y
9	C-16	WSK #401	January 07, 2023	January 11, 2023	Abandoned.	Y
10	C-19	Coil Tubing Unit	February 28, 2023	March 02, 2023	Abandoned.	Y
11	C-50	Roll'n Oilfield #33	January 23, 2023	January 26, 2023	Abandoned.	Y
12	C-74	Coil Tubing Unit	February 22, 2023	February 22, 2023	Abandoned.	Y
13	C-75	WSK #401	February 16, 2023	February 20, 2023	Abandoned.	Y
14	D-49	Roll'n Oilfield #33	February 16, 2023	February 21, 2023	Abandoned.	Y
15	E-07	Coil Tubing Unit	February 20, 2023	February 20, 2023	Abandoned.	Y
16	E-52			2012	Abandoned.	Y
17	E-72			2019	Abandoned.	Y
18	F-19			2012	Abandoned.	Y
19	F-73	Coil Tubing Unit	February 25, 2023	February 25, 2023	Abandoned.	Y
20	2F-73	Coil Tubing Unit	February 25, 2023	February 25, 2023	Abandoned.	Y
21	F-75	Triumph #2	February 01, 2023	February 09, 2023	Abandoned.	Y
22	F-77	Coil Tubing Unit	February 20, 2023	February 20, 2023	Abandoned.	Y
23	G-21	Triumph #2	January 19, 2023 February 15, 2023	January 26, 2023 February 15, 2023	Abandoned.	Y
24	H-03	Coil Tubing Unit	February 26, 2023	February 26, 2023	Abandoned.	Y
25	2H-03	Roll'n Oilfield #33	March 12, 2023	March 18, 2023	Abandoned.	Y
26	H-06			2016	Abandoned.	Y
27	H-58	Roll'n Oilfield #33	February 08, 2023 February 28, 2023	February 15, 2023 March 02, 2023	Abandoned.	Y
28	I-16	Triumph #2	March 11, 2023	March 17, 2023	Abandoned.	Y
29	I-10	Triumph #2	March 17, 2023	March 20, 2023	Abandoned.	Y
30	I-73	WSK #401	February 23, 2023	February 23, 2023	Abandoned.	Y
31	I-74	WSK #401	January 17, 2023	January 23, 2023	Abandoned.	Y
32	J-04	Triumph #2	March 04, 2023	March 11, 2023	Abandoned.	Y
33	J-37	Roll'n Oilfield #33	January 16, 2023	January 23, 2023	Abandoned.	Y
34	J-62	Roll'n Oilfield #33	March 18, 2023	March 22, 2023	Abandoned.	Y
35	J-74	Coil Tubing Unit	February 27, 2023	February 27, 2023	Abandoned.	Y
36	K-19			2012	Abandoned.	Y
37	K-74	Coil Tubing Unit	February 21, 2023	February 21, 2023	Abandoned.	Y
38	L-29	Roll'n Oilfield #33	January 12, 2023	January 15, 2023	Abandoned.	Y
39	L-40	Roll'n Oilfield #33	March 03, 2023	March 08, 2023	Abandoned.	Y
40	L-44	Roll'n Oilfield #25	March 01, 2023	March 20, 2023	Abandoned.	Y
41	L-47	Roll'n Oilfield #33	February 21, 2023	February 27, 2023	Abandoned.	Y
42	L-73	Coil Tubing Unit	February 22, 2023	February 23, 2023	Abandoned.	Y
43	M-31	Roll'n Oilfield #25	January 31, 2024	February 17, 2024	Abandoned.	Y
44	M-49	Coil Tubing Unit	February 19, 2023	February 19, 2023	Abandoned.	Y
45	M-73	Roll'n Oilfield #33	March 15, 2023	March 15, 2023	Abandoned.	Y
46	2M-73	Coil Tubing Unit	February 24, 2023	February 24, 2023	Abandoned.	Y
47	M-74	Roll'n Oilfield #33	January 27, 2023 March 08, 2023	February 08, 2023 March 09, 2023	Abandoned.	Y
48	N-06	Roll'n Oilfield #33	January 07, 2023	January 11, 2023	Abandoned.	Y
49	N-28	Triumph #2	February 21, 2023 March 11, 2023	March 04, 2023 March 11, 2023	Abandoned.	Y
50	O-19			2012	Abandoned.	Y



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Summary of Wellsite Inspection

Wellsite: A-03 Figures 1-2

Year Drilled: 2007

Coordinates: 60° 02' 12.62"N 117° 30' 06.38"W

Production History: Injection well at Battery until 2015.

Status: Well abandoned February 26, 2023.

Date Inspected: September 17, 2024

Comments:

1. A-03 Well has been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of well center satisfactory.
4. No debris or drill waste observed on the site.
5. No hydrocarbon impacted soils were noted.
6. Site satisfactory. No further remediation work required.

Wellsite: A-05 Figures 3-5

Year Drilled: 1968

Coordinates: 60°04'02.65"N 117°30'31.65"W

Production History: Gas well produced until 2007.

Status: Well abandoned February 15, 2023.

Date Inspected: September 19, 2024.

Comments:

1. A-05 Well has been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of well center satisfactory.
4. No debris or drill waste observed on the site.
5. No hydrocarbon impacted soils were noted.
6. Site satisfactory. No further remediation work required.

Wellsite: A-68 Figures 6-7

Year Drilled: 1990

Coordinates: 60°07'06.42"N 117°26'23.57"W

Production History: Well never produced, no production infrastructure.

Status: Well abandoned January 17, 2023.

Date Inspected: September 19, 2024.

Comments:

1. A-68 Well has been abandoned and cut/cap completed.
2. Cellar still in place requires removal.
3. Well center was not backfilled.
4. No debris or drill waste observed on the site.
5. No hydrocarbon impacted soils were noted.
6. All other aspects of A-68 satisfactory.

Wellsite: A-73 Figures 8-10

Year Drilled: 1990

Coordinates: 60°12'09.12"N 117°43'33.95"W

Production History: Gas well produced until 2011.

Status: Well abandoned February 15, 2023.

Date Inspected: September 17, 2024.

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Comments:

- 1. A-73 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center not completed.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. All other aspects of wellsite satisfactory.

Wellsite: B-08 Figures 11-13

Year Drilled: 1989

Coordinates: 60°07'06.59"N 117°30'49.92"W

Production History: Gas well produced until 2011.

Status: Well abandoned February 20, 2023.

Date Inspected: September 19, 2024.

Comments:

- 1. Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: B-09 Figures 14-15

Year Drilled: 2010

Coordinates: 60°08'09.62"N 117°30'56.73"W

Production History: Well never produced, no production infrastructure.

Status: Well abandoned February 27, 2023.

Date Inspected: September 19, 2024.

Comments:

- 1. Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: B-11 Figure 16

Year Drilled: Not drilled

Coordinates: 60°10'13.29"N 117°33.96"W

Production History: Well never drilled.

Status: Well site was cleared in 2010. No work done under this permit.

Date Inspected: September 17, 2024.

Comments:

- 1. No debris observed on the site.
- 2. Site satisfactory. No remediation work required.



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Wellsite: B-25 Figures 17-18
Year Drilled: 1990
Coordinates: 60°04'04.68"N 117°34'46.91"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned January 31, 2023.
Date Inspected: September 18, 2024.
Comments:

1. B-25 Well has been abandoned and cut/cap completed.
2. Backfill of well center not completed.
3. No debris or drill waste observed on the site.
4. No hydrocarbon impacted soils were noted.
5. All other aspects of wellsite satisfactory.

Wellsite: B-38 Figures 19-21
Year Drilled: 2004
Coordinates: 60°07'13.58"N 117°36'24.75"W
Production History: Gas well produced until 2005.
Status: Well abandoned January 31, 2023.
Date Inspected: September 17, 2024.
Comments:

1. B-38 Well has been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of well center satisfactory.
4. No debris or drill waste observed on the site.
5. No hydrocarbon impacted soils were noted.
6. Site satisfactory. No further remediation work required.

Wellsite: C-16 Figures 22-23
Year Drilled: 2004
Coordinates: 60°05'03.56"N 117°33'03.96"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned January 11, 2023.
Date Inspected: September 19, 2024.
Comments:

1. C-16 Well has been abandoned and cut/cap completed.
2. Backfill of well center satisfactory.
3. No debris or drill waste observed on the site.
4. No hydrocarbon impacted soils were noted.
5. Site satisfactory. No further remediation work required.

Wellsite: C-19 Figures 24-25
Year Drilled: 1991
Coordinates: 60°08'07.48"N 117°33'13.48"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned March 02, 2023.
Date Inspected: September 17, 2024.
Comments:



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- 1. C-19 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: C-50 Figures 26-27
Year Drilled: 1986
Coordinates: 60° 09’ 03.78”N 117° 38’ 37.56”W
Production History: Gas well produced until 2005.
Status: Well abandoned January 26, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. C-50 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: C-74 Figures 28-30
Year Drilled: 1994
Coordinates: 60° 03’ 13.56”N 117° 29’ 32.04”W
Production History: Oil well produced until 2015.
Status: Well abandoned February 22, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. C-74 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Piece of cellar with sharp metal is sticking out of the ground poses hazard to wildlife.
- 7. All other aspects of site satisfactory.

Wellsite: C-75 Figures 31-32
Year Drilled: 1994
Coordinates: 60° 04’ 03.31”N 117° 29’ 17.68”W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned February 20, 2023.
Date Inspected: September 19, 2024.
Comments:

- 1. C-75 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.



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Wellsite: D-49 Figures 33-36
Year Drilled: 2003
Coordinates: 60° 08' 10.96"N 117° 39' 01.94"W
Production History: Gas well produced until 2005.
Status: Well abandoned February 21, 2023.
Date Inspected: September 17, 2024.
Comments:

1. D-49 Well has been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of well center not completed.
4. Plastic and metal chain to be removed from well center.
5. No drill waste observed on the site.
6. No hydrocarbon impacted soils were noted.
7. All other aspects of wellsite satisfactory.

Wellsite: E-07 Figures 37-38
Year Drilled: 2006
Coordinates: 60° 06' 20.48"N 117° 31' 43.07"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned February 20, 2023.
Date Inspected: September 19, 2024.
Comments:

1. E-07 Well has been abandoned and cut/cap completed.
2. Backfill of well center satisfactory.
3. No debris or drill waste observed on the site.
4. No hydrocarbon impacted soils were noted.
5. Site satisfactory. No further remediation work required.

Wellsite: E-52 Figure 39
Year Drilled: 2010
Coordinates: 60° 01' 26.56"N 117° 25' 58.50"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned in 2012. No work done under this permit.
Date Inspected: September 18, 2024.
Comments:

1. E-52 Well has been abandoned and cut/cap completed.
2. Backfill of well center satisfactory.
3. No debris or drill waste observed on the site.
4. No hydrocarbon impacted soils were noted.
5. Site satisfactory. No further remediation work required.

Wellsite: E-72 Figure 40
Year Drilled: 2007
Coordinates: 60° 01' 25.67"N 117° 29' 56.13"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned in 2019. No work done under this permit.
Date Inspected: September 18, 2024.



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Comments:

- 1. E-72 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: F-19 Figure 41

Year Drilled: 2004

Coordinates: 60° 08' 18.92"N 117° 33' 20.92"W

Production History: Well never produced, no production infrastructure.

Status: Well abandoned in 2012. No work done under this permit.

Date Inspected: September 18, 2024.

Comments:

- 1. F-19 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: F-73/2F-73 Figures 42-46

Year Drilled: F-73 (2004), 2F-73 (2005)

Coordinates: 60° 02' 24.51"N 117° 29' 34.76"W

Production History: F-73 oil well produced until 2005; 2F-73 oil well produced until 2008.

Status: F-73 and 2F-73 abandoned February 25, 2023.

Date Inspected: September 18, 2024.

Comments:

- 1. F-73 and 2F-73 have been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well centers satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: F-75 Figures 47-50

Year Drilled: 2003

Coordinates: 60° 04' 29.75"N 117° 29' 16.49"W

Production History: Well never produced, no production infrastructure.

Status: Well abandoned February 09, 2023.

Date Inspected: September 19, 2024.

Comments:

- 1. F-75 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.



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5. Note that the Inspectors did not land at the F-75 site to confirm the rathole and mousehole were backfilled which was noted on the September 20, 2023 inspection. As the Permittee will be completing work in the Cameron Hills this fall, a site visit to F-75 is required to determine if the rathole and mousehole were backfilled. **ECC requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of F-75 no later than October 31, 2024 should the holes not be backfilled.**
6. If the holes have not been backfilled, A&M is required to submit a plan to OROGO and ECC on a timeframe and methodology for how these issues will be permanently addressed. The plan must be submitted to OROGO and ECC by December 15, 2024.
7. No further remediation work of F-75 is required should the rathole and mousehole be backfilled.

Wellsite: F-77 Figures 51-52
Year Drilled: 2010
Coordinates: 60° 06' 29.67"N 117° 29' 09.93"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned February 20, 2023.
Date Inspected: September 19, 2024.
Comments:

- 1. F-77 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: G-21 Figures 53-54
Year Drilled: 1991
Coordinates: 60° 10' 29.28"N 117° 34' 45.73"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned February 15, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. G-21 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: H-03 Figures 55-57
Year Drilled: 2002
Coordinates: 60° 02' 24.05"N 117° 30' 10.46"W
Production History: Oil well produced until 2011.
Status: Well abandoned February 26, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. H-03 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.



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- 3. Backfill of well center satisfactory.
- 4. Cellar and oil-stained lumber to be removed from well center.
- 5. No drill waste observed on the site.
- 6. No hydrocarbon impacted soils were noted.
- 7. All other aspects of wellsite satisfactory.

Wellsite: 2H-03 Figures 58-63
Year Drilled: 2011
Coordinates: 60° 02’ 20.84”N 117° 30’ 11.36”W
Production History: Oil well produced until 2015.
Status: Well abandoned March 18, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. 2H-03 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. Eleven (11) pilings were observed to be cut off just above ground level. 2 pilings: 20” diameter; 8 pilings: 18” diameter; 1 piling: 6” diameter. All pilings were hollow, full of water and greater than 1.3 meters deep. Note that many of these pilings were obscured by vegetation making them difficult to see. These pilings pose a hazard to persons on site and wildlife. **ECC requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of 2H-03 no later than October 31, 2024.**
- 5. A&M is required to submit a plan to OROGO and ECC on a timeframe and methodology for how these issues will be permanently addressed. The plan must be submitted to OROGO and ECC by December 15, 2024.
- 6. Piled lumber located on the northwest corner of the wellsite to be removed.
- 7. No drill waste observed on the site.
- 8. No hydrocarbon impacted soils were noted.
- 9. All other aspects of wellsite satisfactory.

Wellsite: H-06 Figure 64
Year Drilled: 2010
Coordinates: 60° 05’ 18.78”N 117° 30’ 28.37”W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned in 2016. No work done under this permit.
Date Inspected: September 19, 2024.
Comments:

- 1. H-06 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: H-58 Figures 65-66
Year Drilled: 2003
Coordinates: 60° 07’ 27.47”N 117° 39’ 51.02”W
Production History: Gas well produced until 2005.
Status: Well abandoned March 02, 2023.



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Comments:

- 1. H-58 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. Hydrocarbon impacted soils observed at well center (<3m³) requires cleanup.
- 6. All other aspects of wellsite satisfactory.

Wellsite: H-72 Figure 67

Year Drilled: Not drilled.

Coordinates: 60° 01' 21.25"N 117° 28' 39.36"W

Production History: Well never drilled.

Status: Well site was cleared in 2011. No work done under this permit.

Date Inspected: September 18, 2024.

Comments:

- 1. No debris observed on the site.
- 2. Site satisfactory. No remediation work required.

Wellsite: I-10 Figures 68-69

Year Drilled: 1985

Coordinates: 60° 09' 39.49"N 117° 30' 08.79"W

Production History: Well never produced, no production infrastructure.

Status: Well abandoned March 20, 2023.

Date Inspected: September 17, 2024.

Comments:

- 1. I-10 Well has been abandoned and cut/cap completed.
- 2. Gas migration test completed on October 14, 2023 with positive result. Well cut and capped in February 2024.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: I-16 Figures 70-72

Year Drilled: 1985

Coordinates: 60° 05' 42.47"N 117° 32' 06.80"W

Production History: Gas well produced until 2013.

Status: Well abandoned March 17, 2023.

Date Inspected: September 19, 2024.

Comments:

- 1. I-16 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.



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Wellsite: I-73 Figures 73-75
Year Drilled: 2002
Coordinates: 60° 02' 45.20"N 117° 28' 29.14"W
Production History: Gas well produced until 2013.
Status: Well abandoned February 23, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. I-73 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center not completed.
- 4. Piece of cellar with sharp metal is sticking out of the ground poses hazard to wildlife.
- 5. Metal debris at well center to be removed.
- 6. No drill waste observed on the site.
- 7. No hydrocarbon impacted soils were noted.
- 8. All other aspects of wellsite satisfactory.

Wellsite: I-74/2I-74 Figures 76-80
Year Drilled: I-74 1994, 2I-74 not drilled
Coordinates: 60° 03' 35.92"N 117° 28' 24.19"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned January 23, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. I-74 Well has been abandoned and cut/cap completed.
- 2. Backfill of I-74 well center not completed.
- 3. Cellar has not been removed.
- 4. Rathole not backfilled where proposed 2I-74 well was to be drilled (Figure 77 & 80). The rathole has a 20" diameter and is 30 feet deep. Rathole coordinates: 60°03'33.9"N 117°28'24.3"W. The rathole is a hazard to persons on site and wildlife. **ECC requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of 2I-74 no later than October 31, 2024.**
- 5. A&M is required to submit a plan to OROGO and ECC on a timeframe and methodology for how these issues will be permanently addressed. The plan must be submitted to OROGO and ECC by December 15, 2024.
- 6. No drill waste observed on the site.
- 7. No hydrocarbon impacted soils were noted.
- 8. All other aspects of wellsite satisfactory.

Wellsite: J-04 Figures 81-82
Year Drilled: 2007
Coordinates: 60° 03' 31.82"N 117° 30' 52.92"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned March 11, 2023.
Date Inspected: September 19, 2024.
Comments:

- 1. J-04 Well has been abandoned and cut/cap completed.
- 2. Gas migration test completed on October 14, 2023 with positive result. Well cut and capped in February 2024.



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- 3. Backfill of well center not completed.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. All other aspects of wellsite satisfactory.

Wellsite: J-37 Figures 83-85
Year Drilled: 1990
Coordinates: 60° 06' 35.96"N 117° 36' 32.11"W
Production History: Gas well produced until 2003.
Status: Well abandoned January 23, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. J-37 Well has been abandoned and cut/cap completed.
- 2. All pilings were removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: J-62 Figures 86-87
Year Drilled: 1980
Coordinates: 60° 01' 30.76"N 117° 27' 02.84"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned March 22, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. J-62 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center not completed.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. All other aspects of wellsite satisfactory.

Wellsite: J-74 Figures 88-90
Year Drilled: 2006
Coordinates: 60° 03' 39.46"N 117° 29' 01.04"W
Production History: Oil well produced until 2015.
Status: Well abandoned February 27, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. J-74 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center not completed.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. All other aspects of wellsite satisfactory.



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Wellsite: K-19 Figure 91
Year Drilled: 2004
Coordinates: 60° 08' 38.62"N 117° 33' 12.78"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned in 2012. No work done under this permit.
Date Inspected: September 17, 2024.
Comments:

- 1. K-19 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: K-74 Figures 92-94
Year Drilled: 2003
Coordinates: 60° 03' 41.10"N 117° 29' 32.49"W
Production History: Oil well produced until 2015.
Status: Well abandoned February 21, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. K-74 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: L-09 Figure 95
Year Drilled: Not drilled
Coordinates: 60° 08' 39.99"N 117° 31' 29.93"W
Production History: Well never drilled.
Status: Well site was cleared in 2010. No work done under this permit.
Date Inspected: September 17, 2024.
Comments:

- 1. No debris observed on the site.
- 2. Site satisfactory. No remediation work required.

Wellsite: L-29 Figure 96
Year Drilled: 2007
Coordinates: 60° 08' 41.69"N 117° 35' 39.77"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned January 15, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. L-29 Well has been abandoned and cut/cap completed.
- 2. Gas migration test completed on October 14, 2023 with positive result. Well cut and capped in February 2024.



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- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: L-40 Figures 97-98
Year Drilled: 2007
Coordinates: 60° 09' 35.91"N 117° 37' 21.38"W
Production History: Gas well produced until 2010.
Status: Well abandoned March 08, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. L-40 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2010.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: L-44 Figures 99-100
Year Drilled: 1989
Coordinates: 60° 03' 31.79"N 117° 39' 08.24"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned March 20, 2023.
Date Inspected: September 18, 2024.
Comments:

- 1. L-44 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: L-47 Figures 101-105
Year Drilled: 1989
Coordinates: 60° 06' 31.57"N 117° 39' 24.01"W
Production History: Oil well produced until 2015.
Status: Well abandoned February 27, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. L-47 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. Bulk tank liner and grounding cable noted on the southwest corner of the wellsite at 60°06'30.81"N 117°39'27.60"W. Debris requires removal.
- 5. No drill waste observed on the site.
- 6. No hydrocarbon impacted soils were noted.
- 7. All other aspects of wellsite satisfactory.



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Wellsite: L-73 Figures 106-108

Year Drilled: 2007

Coordinates: 60° 02' 38.14"N 117° 29' 59.27"W

Production History: Oil well produced until 2012.

Status: Well abandoned February 23, 2023.

Date Inspected: September 18, 2024.

Comments:

- 1. L-73 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: M-31 Figures 109-110

Year Drilled: 1979

Coordinates: 60° 00' 57.14"N 117° 07' 27.59"W

Production History: Well never produced, no production infrastructure.

Status: Well abandoned February 17, 2024.

Date Inspected: September 19, 2024.

Comments:

- 1. M-31 Well has been abandoned and cut/cap completed.
- 2. Gas migration test completed on July 13, 2024 with positive result.
- 3. Heli-portable operation was completed on September 16, 2024. A small excavator and equipment were slung to the wellsite. The surface casing was bubble tested for ten minutes with no bubbles observed. A bell hole was excavated around the wellhead to a depth of 1.5 meters. The casing was cut at 1.2 meters below the ground, the wellhead removed, and the excavation backfilled.
- 4. Backfill of well center satisfactory.
- 5. No debris or drill waste observed on the site.
- 6. No hydrocarbon impacted soils were noted.
- 7. Site satisfactory. No further remediation work required.

Wellsite: M-49 Figures 111-112

Year Drilled: 2003

Coordinates: 60° 08' 53.20"N 117° 39' 22.18"W

Production History: Gas well produced until 2010.

Status: Well abandoned February 29, 2023.

Date Inspected: September 17, 2024.

Comments:

- 1. M-49 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed years ago. The pilings were removed in 2023.
- 3. Backfill of well center not completed. Note that gravel stockpiled on the site was available but was not used for backfill.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. All other aspects of wellsite satisfactory.



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Wellsite: M-73/2M-73 Figures 113-119
Year Drilled: M-73 1991, 2M-73 2005
Coordinates: 60° 02' 52.04"N 117° 29' 36.93"W
Production History: (2) Oil wells produced until 2015.
Status: M-73 abandoned March 15, 2023, 2M-73 abandoned February 24, 2023.
Date Inspected: September 18, 2024.
Comments:

1. Well M-73 and 2M-73 have been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of M-73 (WID1765) not completed, backfill of 2M-73 (WID2026) appeared satisfactory.
4. (3) small diameter pilings were found on the wellsite. They were cut above ground level but not removed. The pilings are located at 60°02'52.44"N 117°29'36.90"W, 60°02'51.12"N 117°29'36.72"W, 60°02'52.38"N 117°29'35.22"W.
5. Length of steel piling located at 2M-73 abandonment sign.
6. A small amount of debris (scrap metal) located on the wellsite.
7. No hydrocarbon impacted soils were noted.
8. All other aspects of wellsite satisfactory.

Wellsite: M-74 Figures 120-123
Year Drilled: 2007
Coordinates: 60° 03' 59.24"N 117° 30' 02.03"W
Production History: Gas well produced until 2012.
Status: Well abandoned March 09, 2023.
Date Inspected: September 17, 2024.
Comments:

1. M-74 Well has been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of well center satisfactory.
4. No debris or drill waste observed on the site.
5. Hydrocarbon impacted soils were observed at well center (<1m³).
6. All other aspects of wellsite satisfactory.

Wellsite: N-06 Figures 124-125
Year Drilled: 2010
Coordinates: 60° 05' 49.61"N 117° 31' 18.95"W
Production History: Gas well produced until 2015.
Status: Well abandoned January 11, 2023.
Date Inspected: September 19, 2024.
Comments:

1. N-06 Well has been abandoned and cut/cap completed.
2. All production infrastructure was removed in 2023.
3. Backfill of well center satisfactory.
4. No debris or drill waste observed on the site.
5. No hydrocarbon impacted soils were noted.
6. The wellsite is located on a slope which resulted in a cut/fill during construction in 2010. N-06 did not require contouring as site is stable, well vegetated with no environmental concerns noted.
7. Site satisfactory. No further remediation work required.



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Wellsite: N-28 Figures 126-127
Year Drilled: 1990
Coordinates: 60° 07' 59.18"N 117° 35' 13.84"W
Production History: Gas well produced until 2007.
Status: Well abandoned March 11, 2023.
Date Inspected: September 17, 2024.
Comments:

- 1. N-28 Well has been abandoned and cut/cap completed.
- 2. All production infrastructure was removed in 2023.
- 3. Backfill of well center satisfactory.
- 4. No debris or drill waste observed on the site.
- 5. No hydrocarbon impacted soils were noted.
- 6. Site satisfactory. No further remediation work required.

Wellsite: O-19 Figure 128
Year Drilled: 2004
Coordinates: 60° 08' 47.47"N 117° 32' 45.96"W
Production History: Well never produced, no production infrastructure.
Status: Well abandoned 2012. No work done under this permit.
Comments:

- 1. O-19 Well has been abandoned and cut/cap completed.
- 2. Backfill of well center satisfactory.
- 3. No debris or drill waste observed on the site.
- 4. No hydrocarbon impacted soils were noted.
- 5. Site satisfactory. No further remediation work required.

Wellsite: P-17 Figure 129
Year Drilled: Not drilled
Coordinates: 60° 06' 48.65"N 117° 32' 05.73"W
Production History: Well never drilled.
Status: Wellsite was cleared in 2010. No work done under this permit.
Comments:

- 1. No debris observed on the site.
- 2. Remediation of the wellsite was completed in February 2019 under LUP MV2013A0010. The inspection notes that the remediation work has been successful in restoring the site to the pre-construction profile. The drainage ditches/berms have been effective in diverting surface run-off away from the wellsite. Vegetation is noted to be well established five years following reclamation of the site.
- 3. Site satisfactory. No further remediation work required.

General It was noted that vegetation covering all wellsites appeared healthy with no signs of distressed or dead vegetation.

The removal of debris (cellar, waste metal etc.) from the wellsites must be completed in accordance with Permit Conditions #92 (FINAL CLEANUP AND RESTORATION).



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The excavations at well center must be stabilized and landscaped to their pre-construction profiles in accordance with Permit Condition #88 (PRECONSTRUCTION PROFILE). Granular materials required for the backfill of well centers can be sourced from the E-07 Gravel Pit located at 60°06'16.12"N 117°30'39.29"W.

H-03 Battery Site Figures 130-144

The H-03 Battery site is located at 60°02'14.98"N 117°30'08.03"W. All production infrastructure including the separator, fuel storage tanks, pumps, compressors, buildings, above ground pipelines, and other surface equipment was removed from the battery site in the winter and spring of 2023. All infrastructure was hauled to Alberta for authorized disposal.

The following observations were made during the inspection of the H-03 Battery site:

1. The H-03 Battery was inspected on September 17th, 2024.
2. All production infrastructure and debris has been removed from the site and hauled to an authorized disposal site. Given the magnitude of work completed in 2023, it is noted that the Contractors did a very good job removing all debris and waste items resulting from the demolition and dismantling of all production infrastructure.
3. The only infrastructure remaining at the battery is the transboundary pipeline riser located on the south side of the site. The riser is scheduled to be removed when the main campsite is abandoned.
4. Ground disturbances were noted where the surface structures and buried facilities were excavated for removal. All areas affected by the removal activities must be stabilized and landscaped to their pre-construction profiles in accordance with Permit Condition #88. The areas requiring recontouring are shown in Figure 134. The remediation work can be completed when the retention ponds are reclaimed under the next phase of the abandonment program.
5. The PVC liner found in the retention ponds must be removed when the ponds are reclaimed (Figure 144).
6. Water Officer Joshua Gauthier took water samples on September 18th, 2024 from the east and west surface run-off retention ponds to ensure compliance with water license effluent quality criteria (Water License #MV2010L1-0001).
7. No hydrocarbon impacted soils on the battery site were observed.
8. Invasive weed species Scentless Chamomile was noted to be established on the battery site as seen in Figures 140 and 141. As Scentless Chamomile was not observed at the battery in September 2022, it is possible that seeds were introduced to the site on equipment used during the abandonment operation (DAR p.59). The Scentless Chamomile must be removed from the battery site in accordance with Permit Condition #92 (FINAL CLEANUP).



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Campsites

A total of four (4) campsites are located within the project area.

Main Camp Figures 145-154

The main camp (permanent) is located on the east side of the H-03 Battery site at 60° 02' 17.14"N 117° 29' 57.95"W.

- 1. The campsite was inspected on September 17th, 2024.
- 2. All temporary camp trailers were removed in February 2024 following the abandonment operations (cut/cap) at Wellsites I-10, J-04 and L-29.
- 3. The main camp remains on site will be used to accommodate workers during the next phase of the abandonment program. The camp trailers will not be removed until the abandonment program has been completed.
- 4. The fuel tank farm located south of the camp was removed in the winter of 2023. The area appeared satisfactory, and no hydrocarbon spills were observed.
- 5. Debris around the sewage lagoon must be removed and hauled to an authorized disposal site. Debris consisted of snow fencing, metal posts and old hoses.
- 6. Debris located on the west side of the campsite must be removed and hauled to an authorized disposal site. Debris included the wooden helipad, sidewalks, old lumber, metals chairs, scrap metal and plastics.
- 7. Invasive weed species Scentless Chamomile were becoming established on the north side of the camp as shown in Figure 154. As Scentless Chamomile was not observed at the campsite in September 2022, it is possible that seeds were introduced to the site on equipment used during the abandonment operation (DAR p.59). The Scentless Chamomile must be removed from the campsite in accordance with Permit Condition #92 (FINAL CLEANUP).

B-29 Camp Figure 155

The campsite is located on the west end of the airstrip at 60° 08' 02.15"N 117° 34' 38.41"W. The campsite has not been used since the mid 2000's.

- 1. The campsite was inspected on September 17th, 2024.
- 2. No debris was observed on the site.
- 3. The two camp sumps were backfilled in February 2019.
- 4. Site satisfactory. No remediation work required.



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D-11 Camp Figures 156-157

The D-11 camp is located on the south side of the project area near the Alberta Border at 60° 01' 14.25'N 117° 33' 53.38"W.

- 1. The site was inspected on September 18th, 2024.
- 2. The water well was abandoned on March 02nd, 2023. The backfill of the well appeared satisfactory with no concerns noted.
- 3. No debris was observed on the site.
- 4. Two (2) borrow pits are located on the east side of the site.
- 5. Site satisfactory. No remediation work required.

K-74 Camp Figures 158-162

The K-74 Campsite is located immediately south of Wellsite K-74 at 60° 03' 37.01'N 117° 29' 34.79"W.

- 1. The site was inspected on September 18th, 2024.
- 2. The metal garage building, and radio tower were removed in the winter of 2023.
- 3. All debris including the rig matting, scrap metal and miscellaneous garbage was hauled to an authorized disposal site. Inspectors note that the Contractors have done a very good job removing all debris and waste items resulting from the demolition and dismantling of the building and rig matting.
- 4. A small amount waste items located on the campsite requires removal from the site. The debris consisted of a detached section of casing, snow fencing and plastics.
- 5. The 3.5m x 4.5m (15.75 m²) fuel berm located on the east side of the garage building at 60°03'37.46"N 117°29'32.64"W was removed in 2019. The soils appear to be impacted by hydrocarbons as vegetation growth was noted to be sparse. The site was not photographed but a photo taken on September 16th, 2021 is included in this report (Figure 160) for reference.

Remote Sumps

A total of six remote sump sites (Total area: 6.44 ha) located within the project area were remediated in February 2019 due to ground subsidence.

Remote Sump (west of B-08) Figure 163

- 1. The site was inspected on September 19th, 2024.
- 2. Sump Size: Area: 0.99 ha; Coordinates: 60° 07' 05.64"N 117° 31' 05.54"W
- 3. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.
- 4. No ground subsidence observed. The site appears stable.
- 5. The sump is located in non-permafrost soils.
- 6. No further remediation work is required.



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Remote Sump (east of B-08) Figure 164

1. The site was inspected on September 19th, 2024.
2. Sump Size: Area: 1.13 ha; Coordinates: 60° 07' 10.55"N 117° 29' 55.98"W
3. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.
4. No ground subsidence observed. The site appears stable.
5. The sump is located in non-permafrost soils.
6. No further remediation work is required.

Remote Sump (east of B-09) Figure 165

1. The site was inspected on September 17th, 2024.
2. Sump Size: Area: 1.15 ha; Coordinates: 60° 08' 11.53"N 117° 29' 59.93"W
3. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.
4. No ground subsidence observed. The site appears stable.
5. The sump is located in non-permafrost soils.
6. Borrow pit located on the west side of the access.
7. No further remediation work is required.

Remote Sump (south of C-50) Figure 166

1. The site was inspected on September 17th, 2024.
2. Sump Size: Area: 0.39 ha; Coordinates: 60° 08' 36.94"N 117° 38' 42.48"W
3. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.
4. No ground subsidence observed. The site appears stable.
5. The sump is located in non-permafrost soils.
6. No further remediation work is required.

Remote Sump (east of J-04) Figures 167-171

1. The site was inspected on September 19th, 2024.
2. Total of five separate sump locations.
3. Sump Size: Area (W-E): Sump 1: 0.42 ha; Sump 2: 0.21 ha; Sump 3: 0.47 ha; Sump 4: 0.60 ha; Sump 5: 0.26 ha (Total: 1.96 ha).
4. Coordinates: Sump 1: 60°03'34.93"N 117°30'54.21"W; Sump 2: 60°03'34.14"N 117°30'47.87"W; Sump 3: 60°03'36.63"N 117°30'43.24"W; Sump 4: 60°03'37.48"N 117°30'37.14"W; Sump 5: 60°03'39.54"N 117°30'31.14"W.
5. Sites 1, 4 and 5 were recontoured in 2019 due to minor ground subsidence. Sites 2 and 3 did not require any work.
6. Vegetation covering all sumps appeared healthy with no signs of distressed or dead vegetation.
7. No ground subsidence observed. The sites appear stable.
8. The sumps are located in non-permafrost soils.
9. No further remediation work is required.



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Remote Sump (east of J-37) Figures 172-174

1. The site was inspected on September 17th, 2024.
2. Total of two adjacent sump locations.
3. Area: Sump 1: 0.40 ha; Sump 2: 0.42 ha (Total: 0.82 ha).
4. Coordinates: Sump 1: 60°06'39.14"N 117°35'32.79"W; Sump 2: 60°06'40.61"N 117°35'26.51"W
5. Sites 1 and 2 were recontoured in 2019 due to minor ground subsidence.
6. Vegetation covering the sump is established and appeared healthy with no signs of distressed or dead vegetation.
7. No ground subsidence observed. The sites appear stable.
8. The sumps are located in non-permafrost soils.
9. No further remediation work is required.

Pipeline

All pipelines in the project area were decommissioned in the winter of 2023 except for the transboundary pipeline which runs from the H-03 Battery to the NWT/Alberta Border. Sections of the pipeline with noted concerns from previous inspections were inspected to confirm remediation work done in the past had addressed the issues. Six (6) areas of concern were inspected.

Main Pipeline south of E-72 Figures 175-176

1. The site was inspected on September 18th, 2024.
2. Pipeline located 490 meters south of Wellsite E-72 at 60°01'04"N 117°29'59.12"W.
3. 300 meters of pipeline right-of way was remediated in March 2019.
4. Five (5) clay berms were installed to divert water away from the pipeline trench and into the established vegetation.
5. The inspection notes that the site appears stable with no environmental concerns observed.
6. No further remediation work required.

Pipeline west of I-73 Figures 177-178

1. The site was inspected on September 18th, 2024.
2. Pipeline located on the west side of Wellsite I-73 at 60°02'43.81"N 117°28'40.26"W.
3. 150 meters of pipeline right-of-way was remediated in March 2019.
4. Peat soils were roached 1m on top of the pipeline to fill in areas that subsided caused by flowing water.
5. The inspection notes that the site appears stable with no environmental concerns observed.
6. No further remediation work required.

Pipeline south of L-40 Figures 179-180

1. The site was inspected on September 17th, 2024.
2. Pipeline located on the south side of Wellsite L-40 at 60°09'33.26"N 117°37'21.01"W.
3. 150 meters of pipeline right-of-way was remediated in March 2019.
4. Peat soils were roached 1m on top of the pipeline to fill in areas that subsided caused by flowing water.
5. The inspection notes that the site appears stable with no environmental concerns observed.
6. No further remediation work required.

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ENVIRONMENTAL INSPECTION REPORT

Pipeline south of M-73 Figure 181

1. The site was inspected on September 18th, 2024.
2. Pipeline located on the south side of Wellsite M-73 at 60°02'48.92"N 117°29'36.54"W.
3. 138 meters of pipeline right-of-way was remediated in March 2019.
4. Peat soils were roached 1m on top of the pipeline to fill in areas that subsided caused by flowing water.
5. The inspection notes that the site appears stable with no environmental concerns observed.
6. No further remediation work required.

Pipeline west of M-74 Figure 182

1. The site was inspected on September 19th, 2024.
2. The Pipeline riser located on the west side of Wellsite M-74 at 60°03'58.62"N 117°30'07.85"W.
3. The pipeline riser was removed in the winter of 2023. The area has been backfilled and no environmental concerns were noted.
4. No further remediation work required.

Pipeline south of N-06 Figures 183-184

1. The site was inspected on September 19th, 2024.
2. Pipeline located on the south side of Wellsite N-06 at 60°05'48.15"N 117°31'10.94"W.
3. 420 meters of pipeline right-of-way was remediated in March 2019.
4. Five (5) clay berms were installed to divert water away from the pipeline trench and into the established vegetation.
5. The inspection notes that the site appears stable with no environmental concerns observed.
6. No further remediation work required.

Access Road and Access Infrastructure

Sections of the main access from the NWT/Alberta border to Well A-73 and secondary access roads to the wellsites and water sources were flown on the inspection date. The following observations were made during the inspection:

Access Roads Figures 185

1. All access roads throughout the project area appeared satisfactory with no signs of erosion noted.

Signage Figures 186-188

1. It is estimated that there are over one hundred metal signs (wellsite identification and directional signs along access roads and pipelines, and wellsite entrances) located throughout the project area which were not removed in the winter of 2023.
2. All signs must be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).



ENVIRONMENTAL INSPECTION REPORT

Creek Crossing #1 Figures 189-190

- 1. The site was inspected on September 17th, 2024.
- 2. The creek crossing is located on the access to Wellsite L-47 at 60°05'17.23"N 117°37'56.38"W.
- 3. Length of culvert (2 meters) is located approximately 50 meters north of the crossing requires removal (Permit Condition #92 – FINAL CLEANUP AND RESTORATION).

Cameron River Bridge Figures 191-193

- 1. The site was inspected on September 17th, 2024.
- 2. Bridge span: 57.20 meters.
- 3. Coordinates: 60°06'12.62"N 117°30'06.34"W.
- 4. Pipeline attached to bridge was decommissioned in 2023. Pipeline has been cut at ground level.
- 5. No environmental concerns noted.
- 6. Bridge, supports, pipeline and signage to be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).

A-73 Bridge Figures 194-195

- 1. The site was inspected on September 18th, 2024.
- 2. Bridge span: 28.14 meters.
- 3. Coordinates: 60°11'31.90"N 117°42'36.93"W.
- 4. Pipeline attached to bridge was decommissioned in February 2024. Pipeline has been cut at ground level.
- 5. No environmental concerns noted.
- 6. Bridge, supports, pipeline and signage to be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).

C-50 Bridge Figures 196-198

- 1. The site was inspected on September 17th, 2024.
- 2. Bridge span: 52.5 meters.
- 3. Coordinates: 60°09'18.47"N 117°38'12.93"W .
- 4. Pipeline attached to bridge was decommissioned in February 2024. Pipeline has been cut at ground level.
- 5. No environmental concerns noted.
- 6. Bridge, supports, pipeline and signage to be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).

Airstrip Figure 199

- 1. Site inspected on September 17th, 2024.
- 2. The airstrip is located east of Wellsite N-28 at 60°07'58.45" 117°34'03.40"W.
- 3. There is no infrastructure or fuel located on site.
- 4. The airstrip has not been used since the early 2000's.
- 5. Vegetation noted to be well established.
- 6. Site satisfactory. No remediation work required.

E-07 Gravel Pit Figure 200

- 1. The site was inspected on September 19th, 2024.
- 2. Area of pit: 0.36 ha.
- 3. The gravel pit is located east of Wellsite E-07 at 60°06'16.12"N 117°30'39.29"W.
- 4. Quarry source for remediation work.
- 5. Gravel pit appeared satisfactory in all aspects. No remediation work required.



ENVIRONMENTAL INSPECTION REPORT

A-04 Clay Pit Figure 201

- 1. The site was inspected on September 18th, 2024.
- 2. Area of pit: 1.18 ha.
- 3. The gravel pit is located east of Wellsite C-74 at 60°03'11.24"N 117°30'13.03"W.
- 4. Source for clay and peat material.
- 5. Clay pit appeared satisfactory in all aspects. No remediation work required.

Lake Source #3 Figures 202-203

- 1. The site including the shoreline was inspected on September 18th, 2024.
- 2. Water source for winter road construction.
- 3. No debris was located on the site or surrounding forest.
- 4. No hydrocarbon impacted soils were observed.
- 5. Lake Source #3 appeared satisfactory in all aspects. No remediation work required.

Representative Signature


Inspector's Signature



ENVIRONMENTAL INSPECTION REPORT

Table 2: MV2022X0018 Remaining Liabilities in the Cameron Hills

No.	Location	Description
1	Wellsite A-68	Well center requires backfill.
2	Wellsite A-73	Well center requires backfill. Cellar requires removal.
3	Wellsite B-25	Well center requires backfill.
4	Wellsite C-74	Sharp piece of cellar sticking out of ground must be removed.
5	Wellsite D-49	Well center requires backfill. Length of chain and plastic to be removed.
6	Wellsite F-75	Require confirmation that the rathole and mousehole have been backfilled. ECC requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of F-75 no later than October 31, 2024 should the holes not be backfilled.
7	Wellsite H-03	Cellar piece and oil-stained lumber at well center to be removed.
8	Wellsite 2H-03	Eleven (11) pilings to be removed. Piled lumber on west side of site to be removed. ECC requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of 2H-03 no later than October 31, 2024.
9	Wellsite H-58	Hydrocarbon impacted soils at well center to be cleaned up (Permit Condition #77 – CLEAN UP SPILLS).
10	Wellsite I-73.	Well center requires backfill. Sharp piece of cellar sticking out of ground must be removed. Metal debris at well center to be removed.
11	Wellsite I-74/2I-74	I-74 well center requires backfill. I-74 cellar requires removal. 2I-74 rathole requires backfill. ECC requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of 2I-74 no later than October 31, 2024.
12	Wellsite J-04	Well center requires backfill.
13	Wellsite J-62	Well center requires backfill.
14	Wellsite J-74	Well center requires backfill.
15	Wellsite L-47	Remove bulk tank liner and grounding cable.
16	Wellsite M-49	Well center requires backfill.
17	Wellsite M-73/2M-73	M-73 well center requires backfill. Three (3) pilings require removal or cut flush to ground and filled with cement. Metal debris on site to be removed.
18	Wellsite M-74	Hydrocarbon impacted soils at well center to be cleaned up (Permit Condition #77 – CLEAN UP SPILLS).
19	H-03 Battery	Complete contouring of all disturbed areas on the battery site and pipeline trench to A-03.
20	H-03 Battery	Remove pipeline riser and backfill excavation.
21	H-03 Battery	Complete removal of invasive weed Scentless Chamomile from the battery site.
22	Main Campsite	Remove camp trailers and associated infrastructure (ie. Propane tanks, metal pilings and supports, concrete barriers, etc.) when the abandonment program is completed.
23	Main Campsite	Remove old lumber and debris from the west side of the camp.
24	Main Campsite	Remove snow fencing, metal stakes and old hoses from around lagoon.
25	Main Campsite	Complete removal of invasive weed Scentless Chamomile from the north side of the campsite.
26	K-74 Campsite	Length of metal casing and debris at the camp requires removal.
27	K-74 Campsite	Investigate possible hydrocarbon impacted soils where fuel berm was located.
28	Access Road	Remove all signs from all access roads, wellsite entrances and pipeline ROW's.
29	Access Road	Remove Cameron River Bridge, supports, pipeline and signage.
30	Access Road	Remove A-73 Bridge, supports, pipeline and signage.
31	Access Road	Remove C-50 Bridge, supports, pipeline and signage.
32	Access Road	Remove culvert from Creek Crossing #1 at 60°05'17.23"N 117°37'56.38"W.



ENVIRONMENTAL INSPECTION REPORT

Inspection Images:

Figure 1

A-03: Aerial view of the wellsite. Well abandoned on February 26, 2023. Pipeline riser located on H-03 Battery Site. No further remediation work required at A-03.



Figure 2

A-03: Backfill of well center appears satisfactory. Well abandonment signs have been installed at all abandoned wells.





ENVIRONMENTAL INSPECTION REPORT

Figure 3

A-05: Aerial view of the wellsite. Well abandoned on February 15, 2023. No further remediation work required at A-05.



Figure 4

A-05: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 5

A-05: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 6

A-68: Aerial view of the wellsite. Well abandoned on January 17, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 7

A-68: Cellar not removed and well center not backfilled. Well abandonment sign on the ground.



Figure 8

A-73: Aerial view of the wellsite. Well abandoned on February 15, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 9

A-73: Backfill of A-73 well center not completed following abandonment operations.

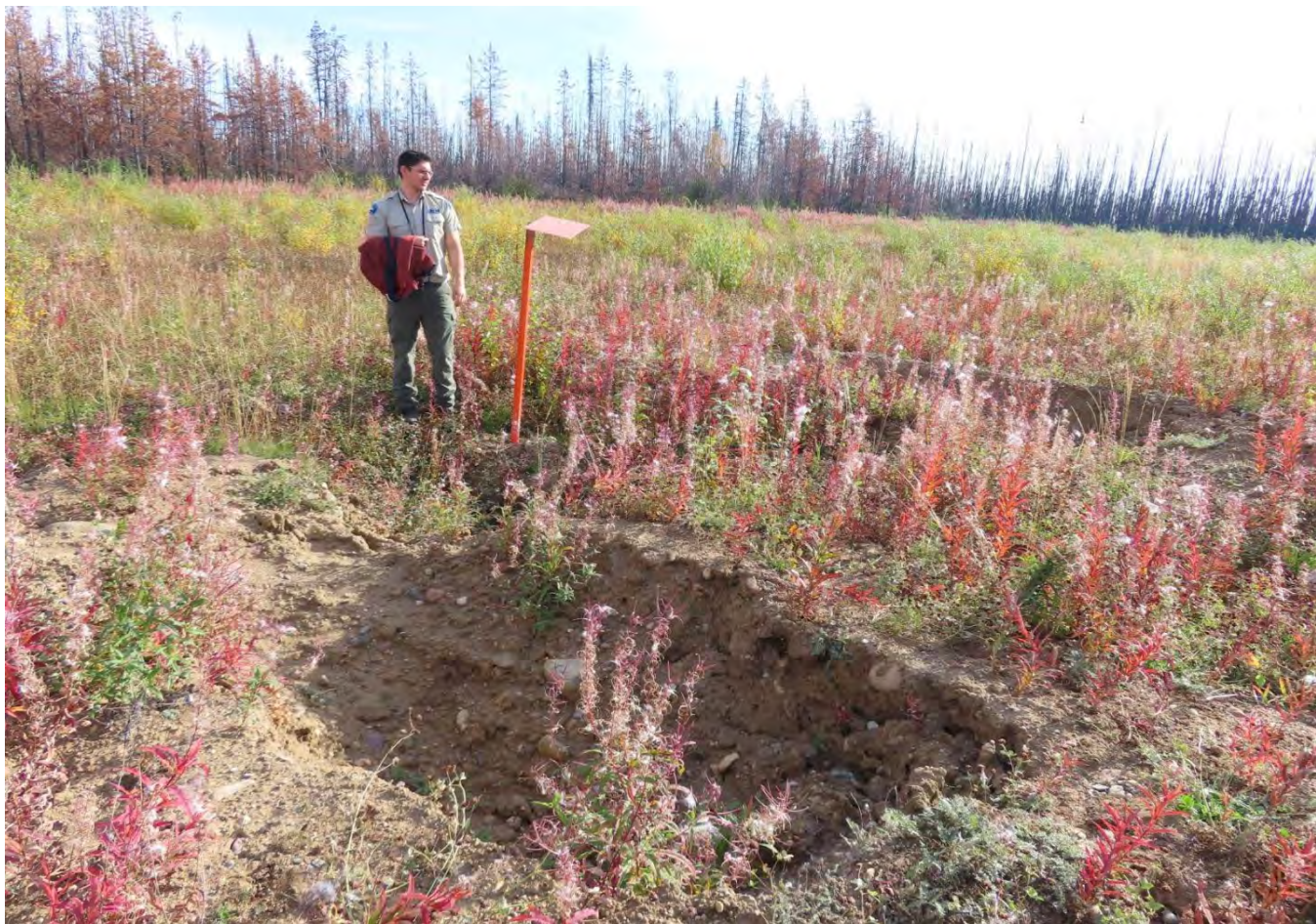


Figure 10

A-73: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 11

B-08: Aerial view of the wellsite. Well abandoned on February 20, 2023. No further remediation work required at B-08.



Figure 12

B-08: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 13

B-08: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 14

B-09: Aerial view of the wellsite. Well abandoned on February 27, 2023. No further remediation work required at B-09.





ENVIRONMENTAL INSPECTION REPORT

Figure 15

B-09: Minor ponding observed at well center. No concerns with abandonment.



Figure 16

B-11: Aerial view of the wellsite. Site was cleared in 2010 but was never drilled.





ENVIRONMENTAL INSPECTION REPORT

Figure 17

B-25: Aerial view of the wellsite. Well abandoned on January 31, 2023.



Figure 18

B-25: Backfill of B-25 well center not completed following abandonment operations.





ENVIRONMENTAL INSPECTION REPORT

Figure 19

B-38: Aerial view of the wellsite. Well abandoned on January 31, 2023. No further remediation work required at B-38.



Figure 20

B-38: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 21

B-38: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 22

C-16: Aerial view of the wellsite. Well abandoned on January 11, 2023. No further remediation work required at C-16.





ENVIRONMENTAL INSPECTION REPORT

Figure 23

C-16: Backfill of well center appears satisfactory.



Figure 24

C-19: Aerial view of the wellsite. Well abandoned on March 02, 2023. No further remediation work required at C-19.





ENVIRONMENTAL INSPECTION REPORT

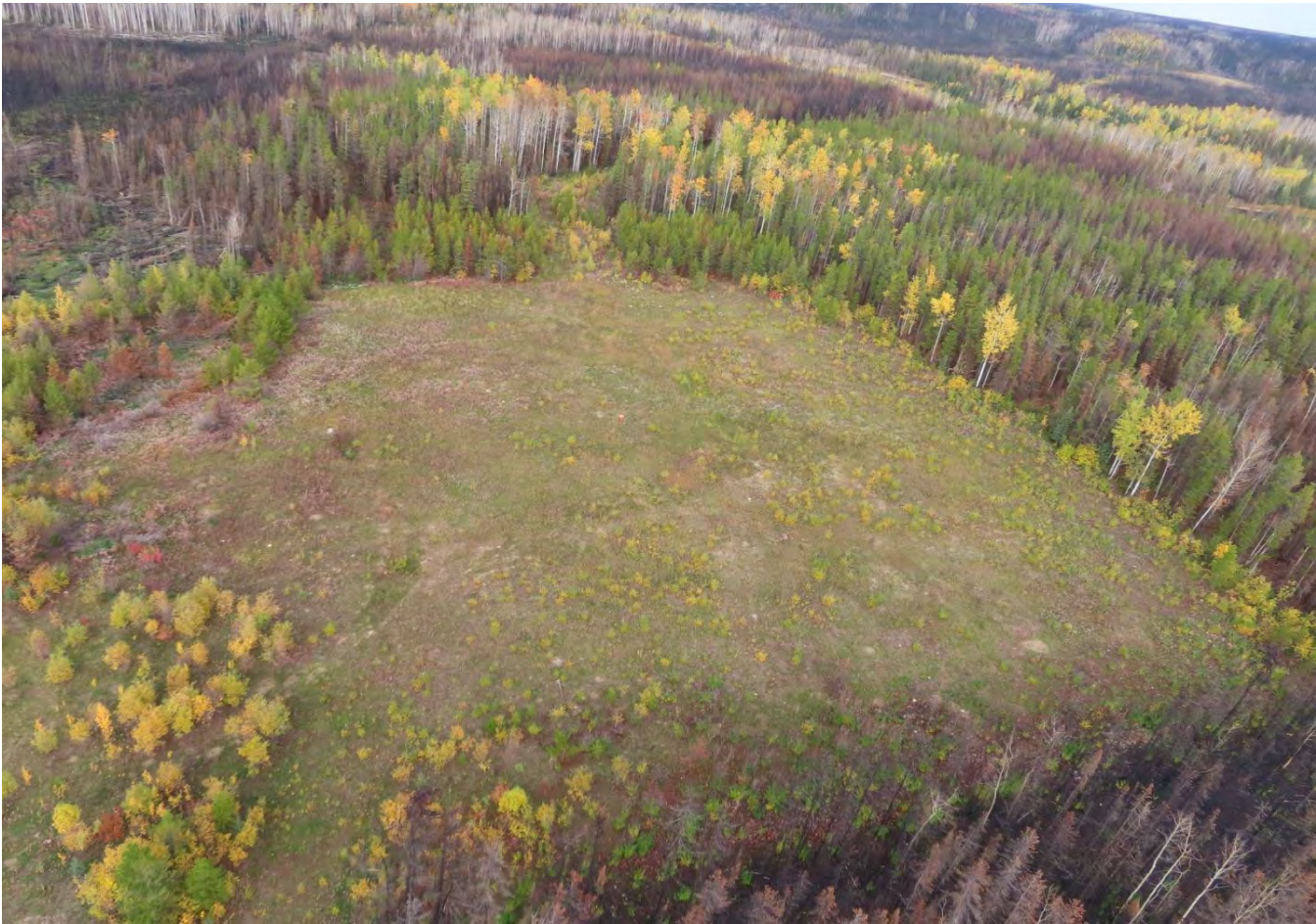
Figure 25

C-19: Backfill of well center appears satisfactory.



Figure 26

C-50: Aerial view of the wellsite. Well abandoned on January 26, 2023. No further remediation work required at C-50.





ENVIRONMENTAL INSPECTION REPORT

Figure 27

C-50: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 28

C-74: Aerial view of the Wellsite. Well abandoned on February 22, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 29

C-74: Piece of cellar with sharp metal sticking out of the ground poses hazard to wildlife.



Figure 30

C-74: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 31

C-75: Aerial view of the wellsite. Well abandoned on February 20, 2023. No further remediation work required at C-75.



Figure 32

C-75: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 33

D-49: Aerial view of the wellsite. Well abandoned on February 21, 2023.



Figure 34

D-49: Well center not backfilled following abandonment operations.





ENVIRONMENTAL INSPECTION REPORT

Figure 35

D-49: Length of chain and plastic to be removed from the excavation prior to backfill.



Figure 36

D-49: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 37

E-07: Aerial view of the wellsite. Well abandoned on February 20, 2023. No further remediation work required at E-07.



Figure 38

E-07: Backfill of well center appears satisfactory. Well abandonment sign detached from post.





ENVIRONMENTAL INSPECTION REPORT

Figure 39

E-52: Aerial view of the wellsite. Well abandoned in 2012.



Figure 40

E-72: Aerial view of the wellsite. Well abandoned in 2019.





ENVIRONMENTAL INSPECTION REPORT

Figure 41

F-19: Aerial view of the wellsite. Well abandoned in 2012.

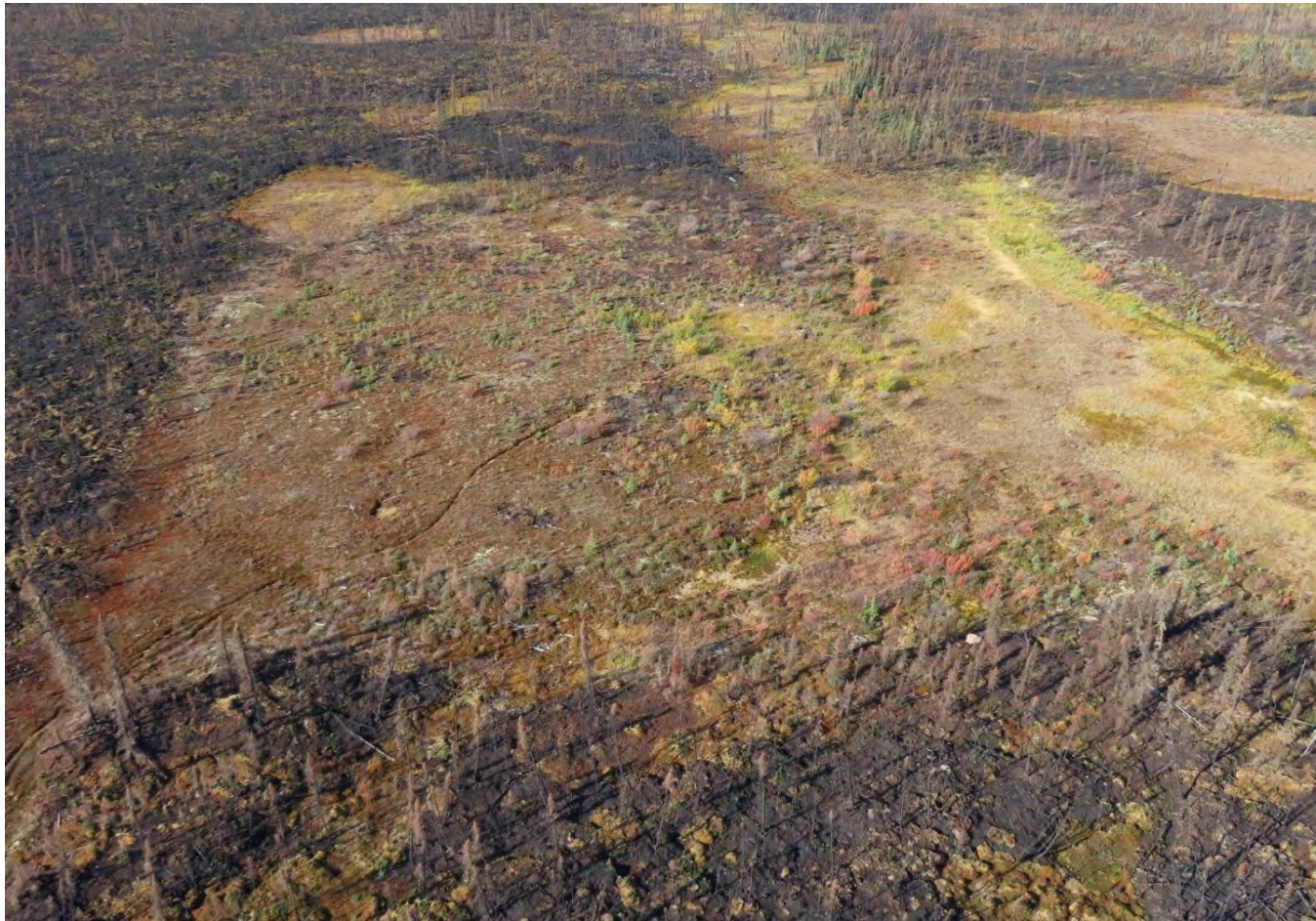


Figure 42

F-73/2F-73: Aerial view of the wellsite. Wells abandoned on February 20, 2023. No further remediation work required F-73/2F-73.





ENVIRONMENTAL INSPECTION REPORT

Figure 43
F-73/2F-73: 2F-73 (left) and F-73 (right).

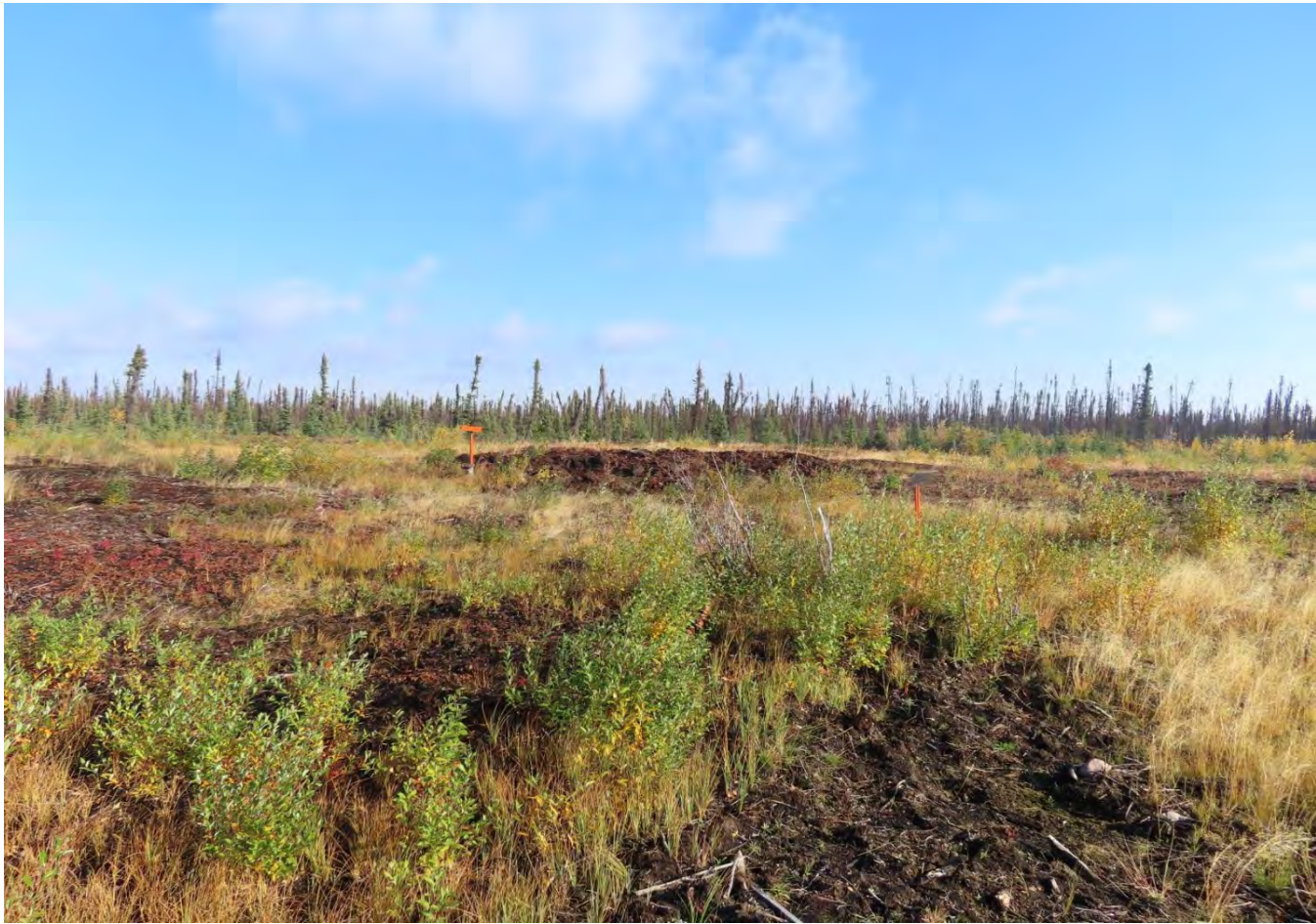


Figure 44
F-73: Backfill of F-73 well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 45

2F-73: Backfill of 2F-73 well center appears satisfactory.

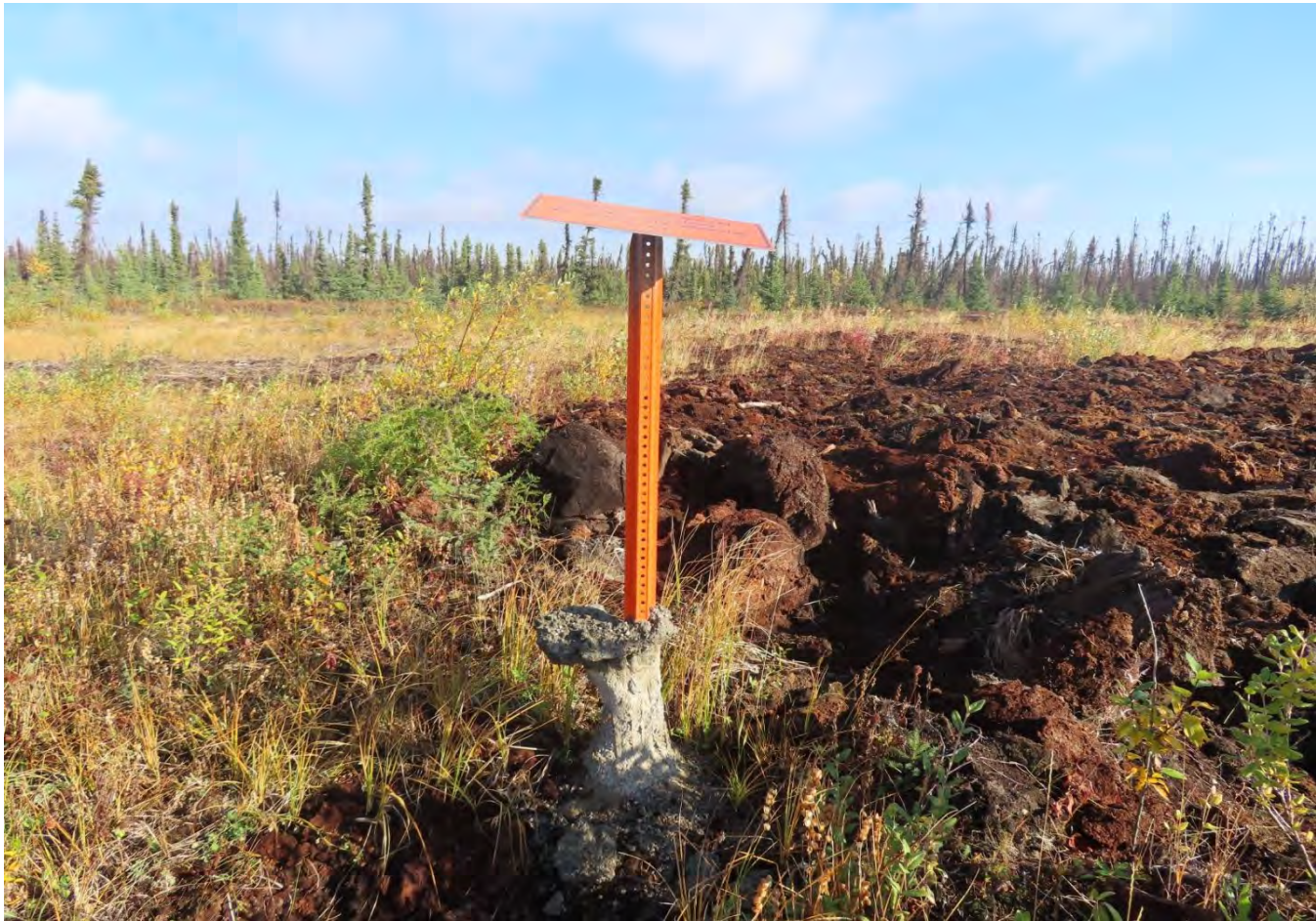


Figure 46

F-73/2F-73: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 47

F-75: Aerial view of the wellsite. Well abandoned on February 09, 2023. The backfill of the rathole and mousehole not confirmed on the inspection.



Figure 48

F-75: Backfill of well center appears satisfactory. Well abandonment sign on the ground.





ENVIRONMENTAL INSPECTION REPORT

Figure 49

F-75: Photo taken September 23, 2022 prior to abandonment showing location of rathole and mousehole (marked by flagging tape).

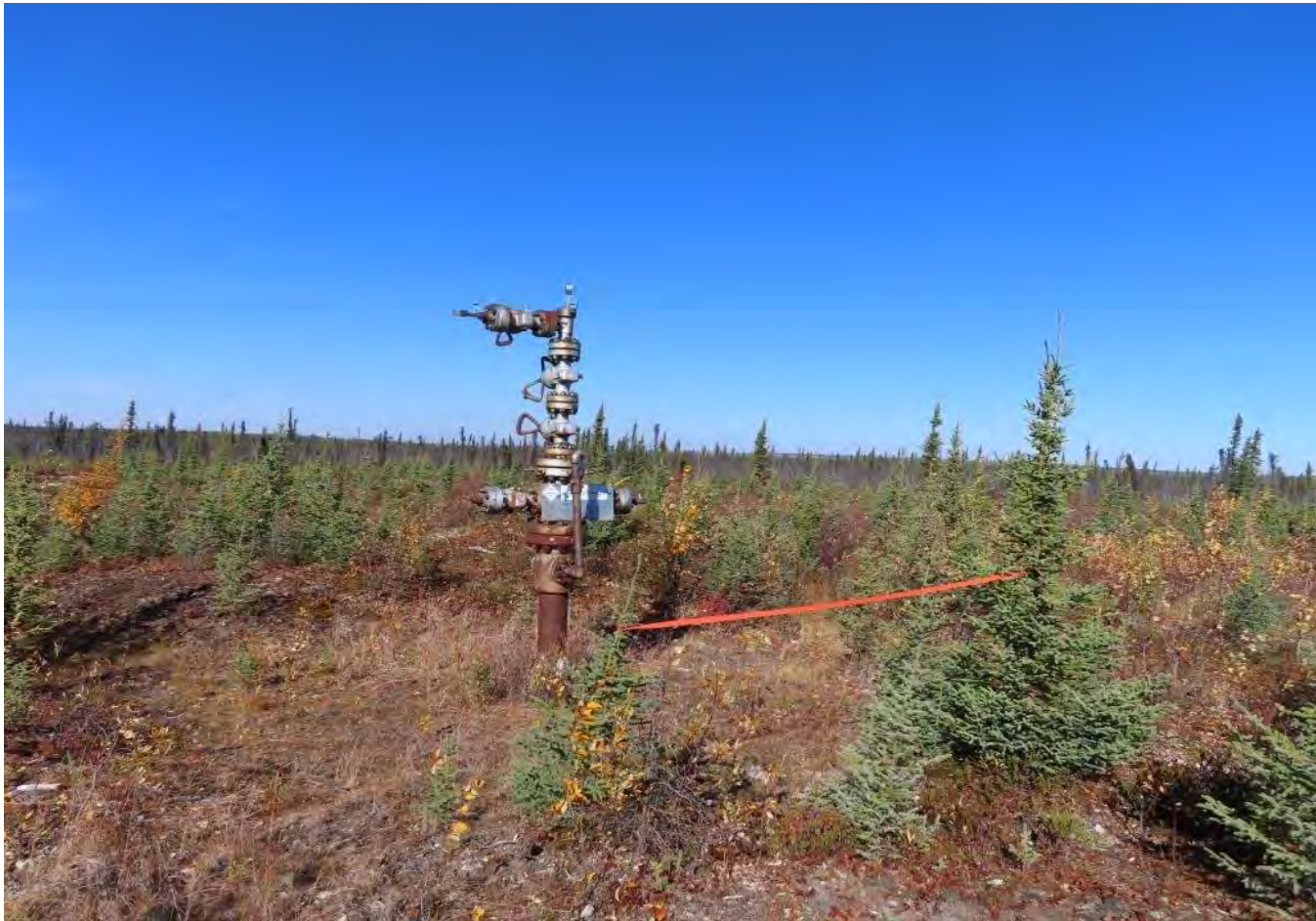


Figure 50

F-75: Photo taken September 23, 2022 showing the rathole and mousehole. Inspectors did not land at F-75 to confirm the holes were backfilled.





ENVIRONMENTAL INSPECTION REPORT

Figure 51

F-77: Aerial view of the wellsite. Well abandoned on February 20, 2023. No further remediation work required at F-77.



Figure 52

F-77: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 53

G-21: Aerial view of the wellsite. Well abandoned on February 15, 2023. No further remediation work required at G-21.



Figure 54

G-21: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

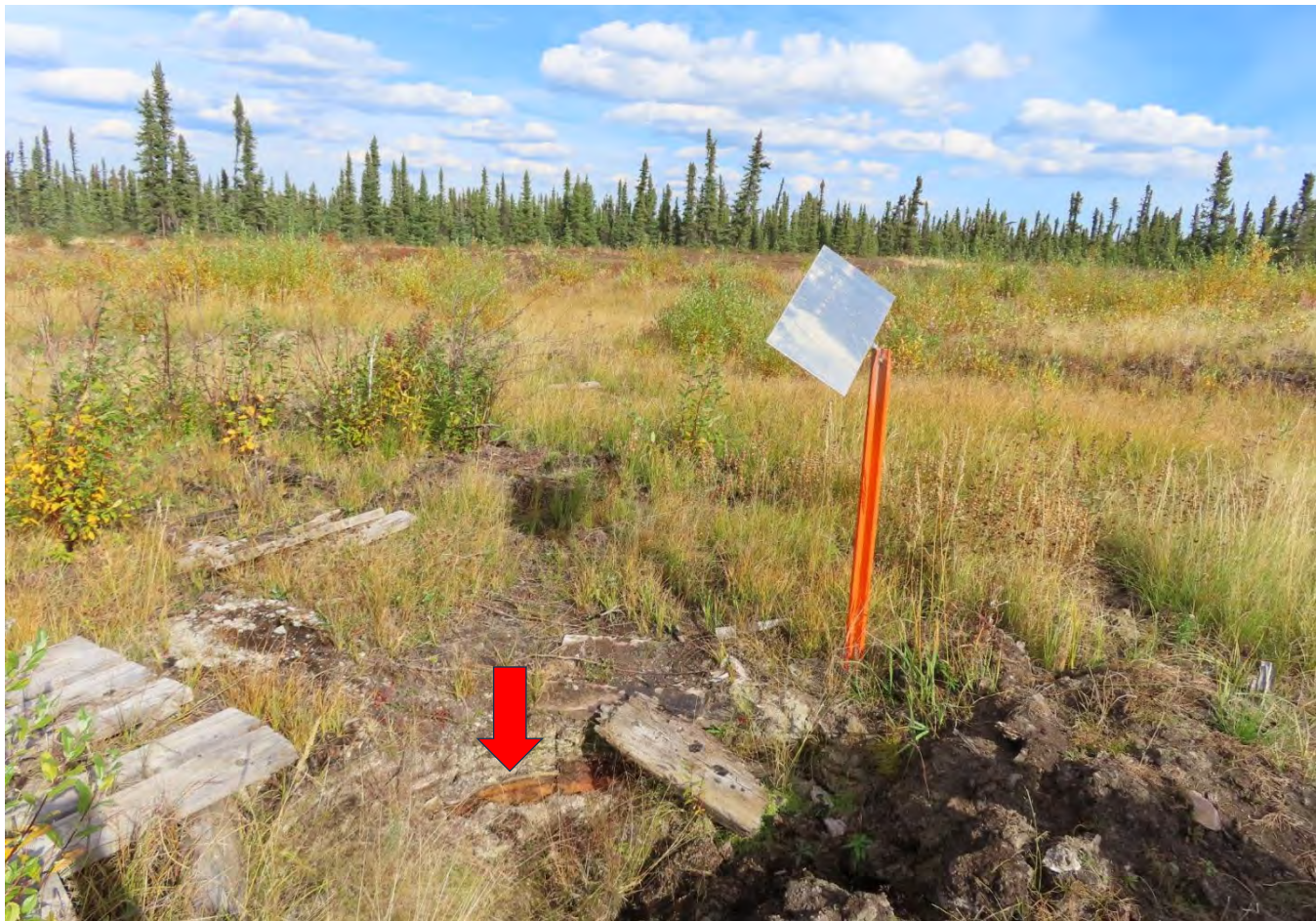
Figure 55

H-03: Aerial view of the wellsite. Well abandoned on February 26, 2023.



Figure 56

H-03: Section of cellar not removed. Well abandonment sign bent. All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 57

H-03: Cellar, oil stained lumber to be removed from well center.



Figure 58

2H-03: Aerial view of the wellsite. Well abandoned on March 18, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 59

2H-03: Eleven (11) pilings were observed to be cut off just above ground level. 2 pilings: 20” diameter; 8 pilings: 18” diameter; 1 piling 6” diameter.



Figure 60

2H-03: Pilings were foundation for oil and gas infrastructure on the well. Pilings were note removed when the well was abandoned in 2023. Most pilings were difficult to see due to the high vegetation.





ENVIRONMENTAL INSPECTION REPORT

Figure 61

2H-03: Example of a 20” diameter piling left on the wellsite. These pilings are open and hollow posing a hazard to persons on site and wildlife.



Figure 62

2H-03: Example of a 16” diameter piling left on the wellsite.





ENVIRONMENTAL INSPECTION REPORT

Figure 63

2H-03: Lumber left on the west side of the wellsite to be removed.



Figure 64

H-06: Aerial view of the wellsite. Well abandoned in 2016. No further remediation work required at H-06.





ENVIRONMENTAL INSPECTION REPORT

Figure 65

H-58: Aerial view of the wellsite. Well abandoned on March 02, 2023. No further remediation work required at H-58.



Figure 66

H-58: Backfill of well center appears satisfactory. Hydrocarbon impacted soils observed at well center (<3m³) requires cleanup.





ENVIRONMENTAL INSPECTION REPORT

Figure 67

H-72: Aerial view of the wellsite. Site was cleared in 2011 but was never drilled.

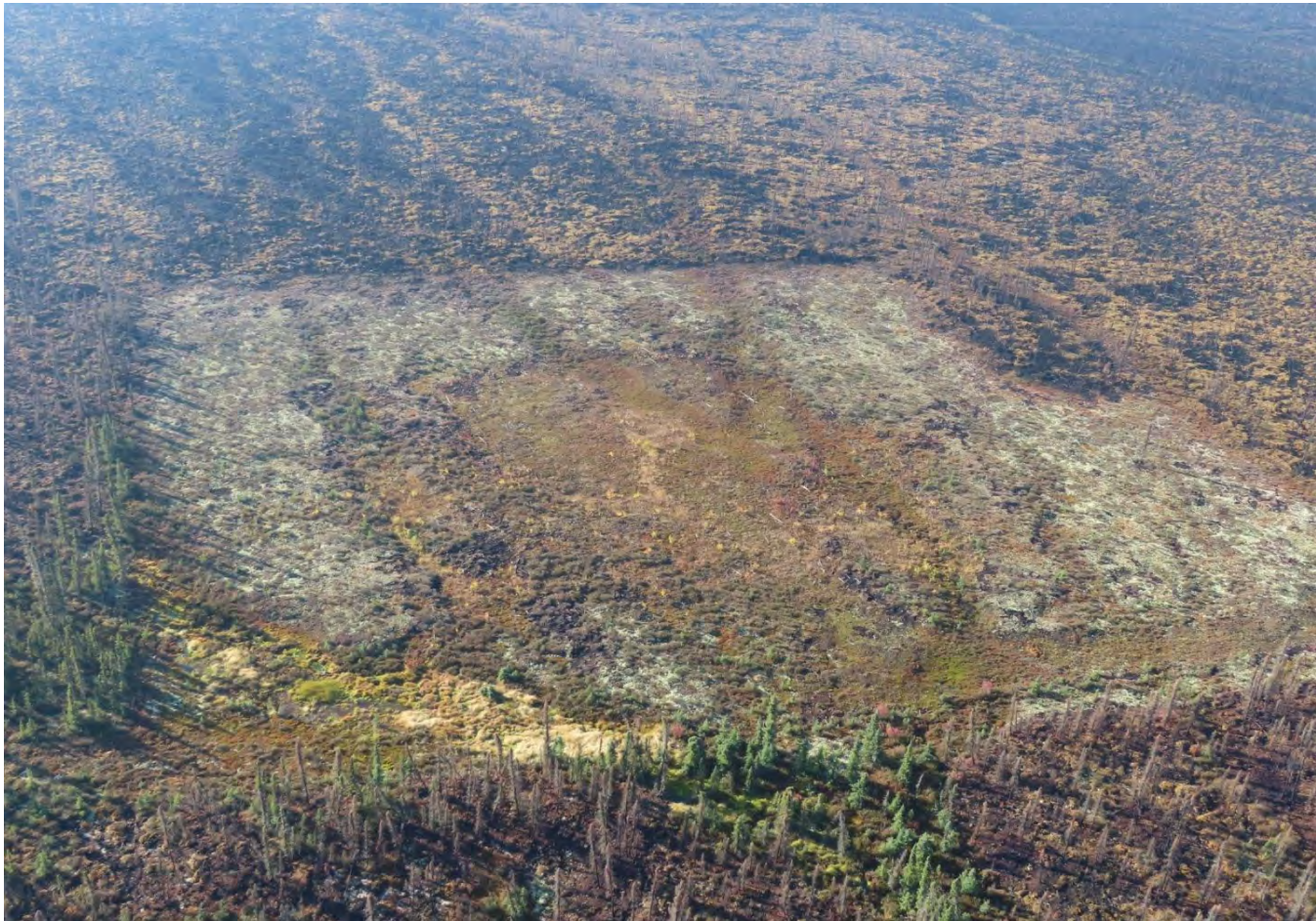


Figure 68

I-10: Aerial view of the wellsite. Well abandoned on March 20, 2023. No further remediation work required at I-10.





ENVIRONMENTAL INSPECTION REPORT

Figure 69

I-10: Backfill of well center appears satisfactory.



Figure 70

I-16: Aerial view of the wellsite. Well abandoned March 17, 2023. No further remediation work required at I-16.





ENVIRONMENTAL INSPECTION REPORT

Figure 71

I-16: Backfill of well center appears satisfactory. Wet site with ponding water.



Figure 72

I-16: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 73

I-73: Aerial view of the wellsite. Well was abandoned on February 23, 2023.



Figure 74

I-73: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 75

I-73: Portion of cellar with sharp metal is sticking out of the ground which poses hazard to wildlife. Metal debris at well center to be removed. Backfill of well center not completed.



Figure 76

I-74/2I-74: Aerial view of the wellsite. I-74 (left) and 2I-74. I-74 was abandoned on January 23, 2023 and 2I-74 well was never drilled.





ENVIRONMENTAL INSPECTION REPORT

Figure 77

I-74/2I-74: I-74 (bottom) and 2I-74 (top).



Figure 78

I-74: Cellar at I-74 was not removed during abandonment operations.





ENVIRONMENTAL INSPECTION REPORT

Figure 79

I-74: Well center not backfilled following abandonment operation.



Figure 80

2I-74: Rathole not backfilled where proposed 2I-74 well was to be drilled. The rathole is a hazard to persons on site and wildlife.





ENVIRONMENTAL INSPECTION REPORT

Figure 81

J-04: Aerial view of the wellsite. Well was abandoned on March 11, 2023.



Figure 82

J-04: Well center not backfilled following abandonment operation.





ENVIRONMENTAL INSPECTION REPORT

Figure 83

J-37: Aerial view of the wellsite. Well was abandoned on January 23, 2023. No further remediation work required at J-37.



Figure 84

J-37: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 85

J-37: All pilings located on the wellsite were removed in the winter of 2023.



Figure 86

J-62: Aerial view of the wellsite. Well was abandoned on March 22, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 87

J-62: Well center not backfilled following abandonment operation.



Figure 88

J-74: Aerial view of the wellsite. Well was abandoned on February 27, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 89

J-74: Well center not backfilled following abandonment operation.



Figure 90

J-74: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 91

K-19: Aerial view of the wellsite. Well abandoned in 2012. No further remediation work required at K-19.



Figure 92

K-74: Aerial view of the wellsite. Well was abandoned on February 21, 2023. No further remediation work required at K-74.





ENVIRONMENTAL INSPECTION REPORT

Figure 93

K-74: Backfill of well center appears satisfactory.



Figure 94

K-74: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 95

L-09: Aerial view of the wellsite. Site was cleared in 2010 but was never drilled. No further remediation work required at L-09.



Figure 96

L-29: Aerial view of the wellsite. Well was abandoned on January 15, 2023. No further remediation work required at L-29.





ENVIRONMENTAL INSPECTION REPORT

Figure 97

L-40: Aerial view of the wellsite. Well was abandoned on March 08, 2023. No further remediation work required at L-40.



Figure 98

L-40: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 99

L-44: Aerial view of the wellsite. Well was abandoned on March 10, 2023. No further remediation work required at L-44.

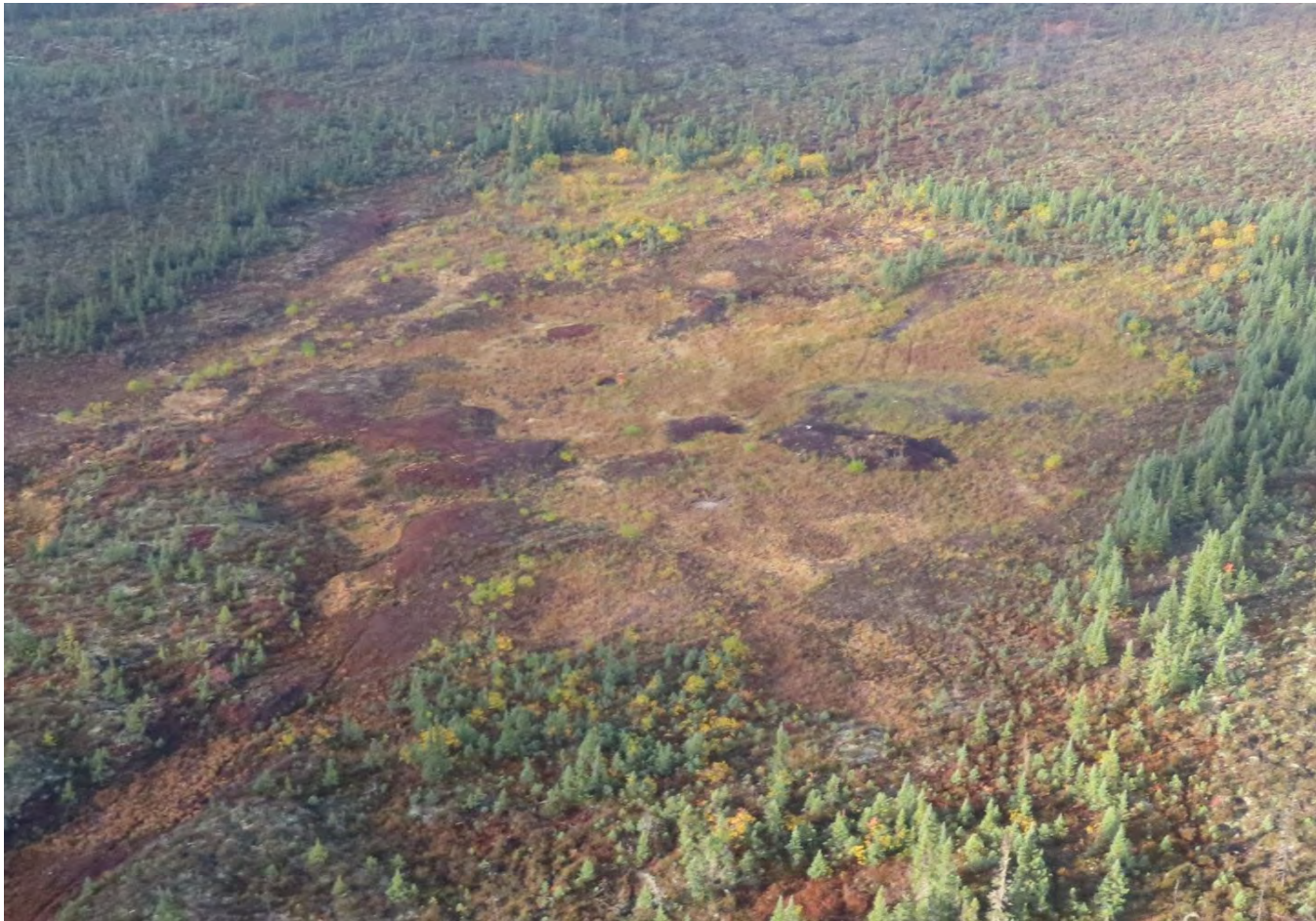


Figure 100

L-44: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 101

L-47: Aerial view of the wellsite. Well was abandoned on February 27, 2023.



Figure 102

L-47: Backfill of well center appears satisfactory.





ENVIRONMENTAL INSPECTION REPORT

Figure 103

L-47: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 104

L-47: Bulk tank liner partially buried located near the southwest corner of the wellsite to be removed.





ENVIRONMENTAL INSPECTION REPORT

Figure 105

L-47: Grounding cable partially buried located near the southwest corner of the wellsite to be removed.



Figure 106

L-73: Aerial view of the wellsite. Well was abandoned on February 23, 2023. No further remediation work required at L-73.





ENVIRONMENTAL INSPECTION REPORT

Figure 107

L-73: Backfill of well center appears satisfactory.



Figure 108

L-73: All production infrastructure was removed from the wellsite in the winter of 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 109

M-31: Aerial view of the wellsite. Well was abandoned on February 17, 2024. No further remediation work required at M-31.



Figure 110

M-31: Backfill of well center appears satisfactory. Site noted to be very wet.





ENVIRONMENTAL INSPECTION REPORT

Figure 111

M-49: Aerial view of the wellsite. Well was abandoned on February 29, 2023.



Figure 112

M-49: Backfill of well center not completed following abandonment operations.





ENVIRONMENTAL INSPECTION REPORT

Figure 113

M-73/2M-73: Aerial view of the wellsite. M-73 was abandoned on March 15, 2023 and 2M-73 was abandoned on February 29, 2023.



Figure 114

M-73: Backfill of M-73 well center not completed following abandonment operations.





ENVIRONMENTAL INSPECTION REPORT

Figure 115

2M-73: Length of steel piling located at 2M-73 to be removed. Backfill of 2M-73 appeared satisfactory. *Insert:* A small amount of metal debris located on the wellsite to be removed.



Figure 116

M-73/2M-73: Steel piling cut above ground level located between M-73 and 2M-73 well abandonment sign. *Insert:* A small amount of metal debris located on the wellsite to be removed.





ENVIRONMENTAL INSPECTION REPORT

Figure 117

M-73/2M-73: Steel piling cut above ground level located on the wellsite to be removed.



Figure 118

M-73/2M-73: Steel piling cut above ground level located on the wellsite to be removed.





ENVIRONMENTAL INSPECTION REPORT

Figure 119

M-73/2M-73: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 120

M-74: Aerial view of the wellsite. Well was abandoned on March 09, 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 121

M-74: Backfill of well center appears satisfactory.



Figure 122

M-74: Hydrocarbon impacted soils observed at well center (<1m³) requires cleanup.





ENVIRONMENTAL INSPECTION REPORT

Figure 123

M-74: All production infrastructure was removed from the wellsite in the winter of 2023.

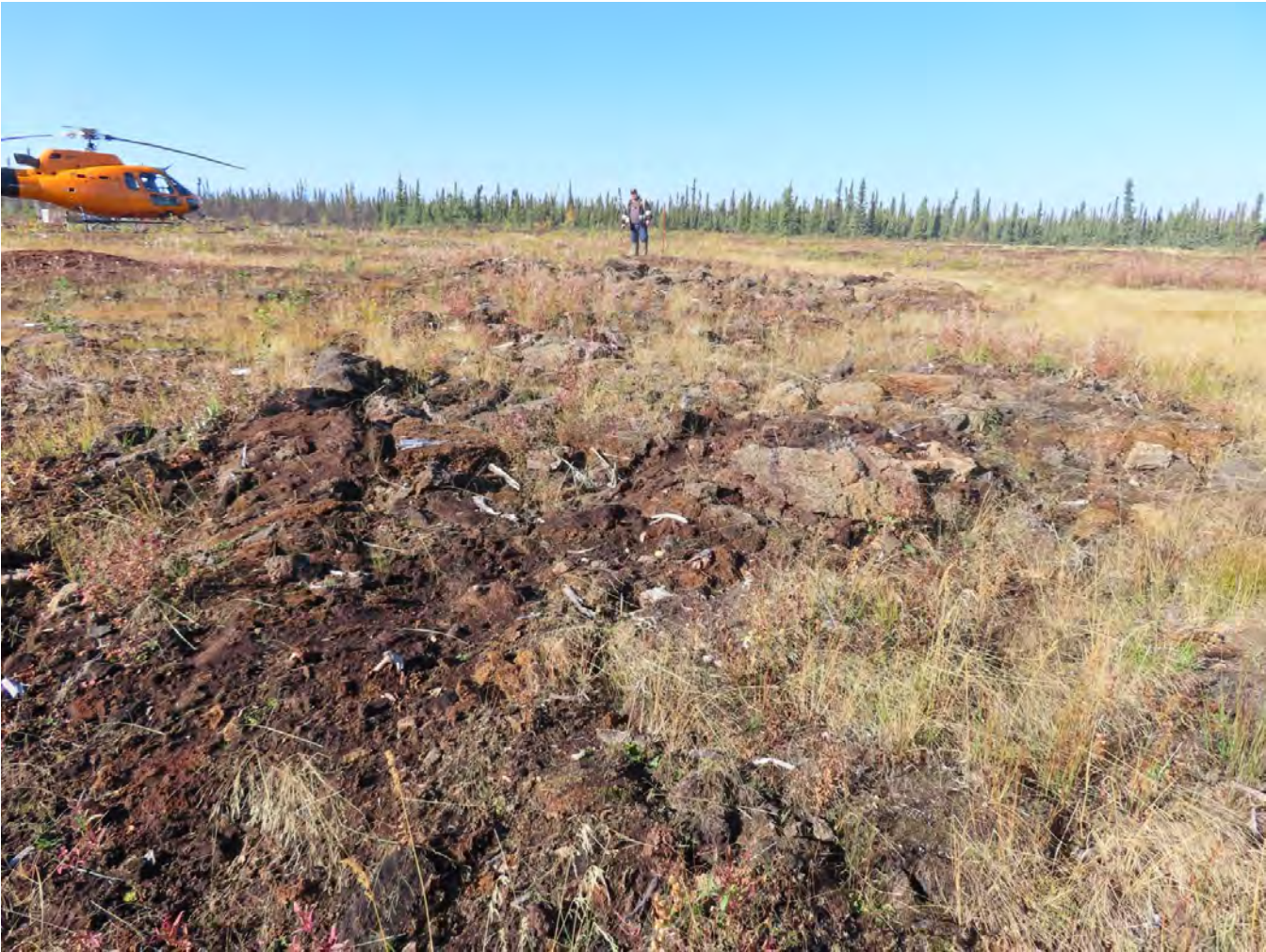


Figure 124

N-06: Aerial view of the wellsite. Well was abandoned on January 11, 2023. No further remediation work required at N-06.





ENVIRONMENTAL INSPECTION REPORT

Figure 125

N-06: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 126

N-28: Aerial view of the wellsite. Well was abandoned on March 11, 2023. No further remediation work required at N-28.





ENVIRONMENTAL INSPECTION REPORT

Figure 127

N-28: All production infrastructure was removed from the wellsite in the winter of 2023.



Figure 128

O-19: Aerial view of the wellsite. Well abandoned in 2012. No further remediation work required at O-19.





ENVIRONMENTAL INSPECTION REPORT

Figure 129

P-17: Aerial view of the wellsite. Site was cleared in 2010 but was never drilled. No further remediation work required at P-17.



Figure 130

H-03 Battery: Aerial view of the H-03 Battery site. All infrastructure was removed in 2023.





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Figure 131

H-03 Battery: Aerial view of the H-03 Battery site facing east.



Figure 132

H-03 Battery: Aerial view of the H-03 Battery site facing east showing the site before abandonment. Photo taken September 20, 2022.





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Figure 133

H-03 Battery: Aerial view of the H-03 Battery site facing north.



Figure 134

H-03 Battery: The ground surface at the H-03 Battery site requires contouring following the removal of the production infrastructure in 2023.





ENVIRONMENTAL INSPECTION REPORT

Figure 135

H-03 Battery: Transboundary pipeline riser located at the H-03 Battery site requires removal.



Figure 136

H-03 Battery: Pipeline trench from A-03 to the H-03 Battery requires recontouring.





ENVIRONMENTAL INSPECTION REPORT

Figure 137

H-03 Battery: Disturbed area from the flarestack removal requires recontouring.



Figure 138

H-03 Battery: All areas affected by the removal activities at the H-03 Battery must be stabilized and landscaped to their pre-construction profiles.





ENVIRONMENTAL INSPECTION REPORT

Figure 139

H-03 Battery: All areas affected by the removal activities at the H-03 Battery must be stabilized and landscaped to their pre-construction profiles.



Figure 140

H-03 Battery: Invasive weed species Scentless Chamomile established on the H-03 Battery site.





ENVIRONMENTAL INSPECTION REPORT

Figure 141

H-03 Battery: Close-up of the Scentless Chamomile. The invasive weed must be removed from the battery site.



Figure 142

H-03 Battery: East Rention Pond.





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Figure 143
H-03 Battery: West Rention Pond.



Figure 144
H-03 Battery: PVC liner located in retention pond.





ENVIRONMENTAL INSPECTION REPORT

Figure 145

Main Camp: Aerial view of main campsite facing north. Sewage lagoon seen at bottom of photo.



Figure 146

Main Camp: Aerial view of main campsite facing south.





ENVIRONMENTAL INSPECTION REPORT

Figure 147
Main Camp: Main camp.



Figure 148
Main Camp: Rear view of main camp.





ENVIRONMENTAL INSPECTION REPORT

Figure 149

Main Camp: Main camp. Propane tanks and weather station.



Figure 150

Main Camp: Rear view of main camp. Old tires and pallets to be removed from the site.





ENVIRONMENTAL INSPECTION REPORT

Figure 151

Main Camp: Debris stored on the west side of the main camp to be removed. ECC will remove the three 205 litre fuel drums (empty) used by the helicopter during the inspection.



Figure 152

Main Camp: Snow fencing and metal posts around the sewage lagoon to be removed.





ENVIRONMENTAL INSPECTION REPORT

Figure 153

Main Camp: Metal supports on the south side of the site to be removed at camp abandonment.



Figure 154

Main Camp: Invasive weed species Scentless Chamomile becoming established on north side of the main camp.





ENVIRONMENTAL INSPECTION REPORT

Figure 155

Camp: B-29 Campsite.



Figure 156

Camp: D-11 Campsite. Two (2) borrow pits are located on the east side of the site.





ENVIRONMENTAL INSPECTION REPORT

Figure 157

Camp: D-11 Campsite. No debris was located on the site. The water well was abandoned on March 02, 2023.



Figure 158

Camp: K-74 Campsite. Aerial view of the campsite facing east.





ENVIRONMENTAL INSPECTION REPORT

Figure 159

Camp: K-74 Campsite. Location of possible hydrocarbon impacted soils at the campsite.



Figure 160

Camp: K-74 Campsite. Photo taken on September 16th, 2021 showing hydrocarbon impacted soils following removal of the fuel berm. Site has not been remediated to date.





ENVIRONMENTAL INSPECTION REPORT

Figure 161

Camp: K-74 Campsite. Detached section of casing and other debris to be removed.



Figure 162

Camp: K-74 Campsite. View of the campsite facing east.





ENVIRONMENTAL INSPECTION REPORT

Figure 163

Remote Sump – W B-08. Remediation of the sump was completed in February 2019. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.



Figure 164

Remote Sump – E B-08. Remediation of the sump was completed in February 2019. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.





ENVIRONMENTAL INSPECTION REPORT

Figure 165

Remote Sump – E B-09. Remediation of the sump was completed in February 2019. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.



Figure 166

Remote Sump – S C-50. Remediation of the sump was completed in February 2019. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.



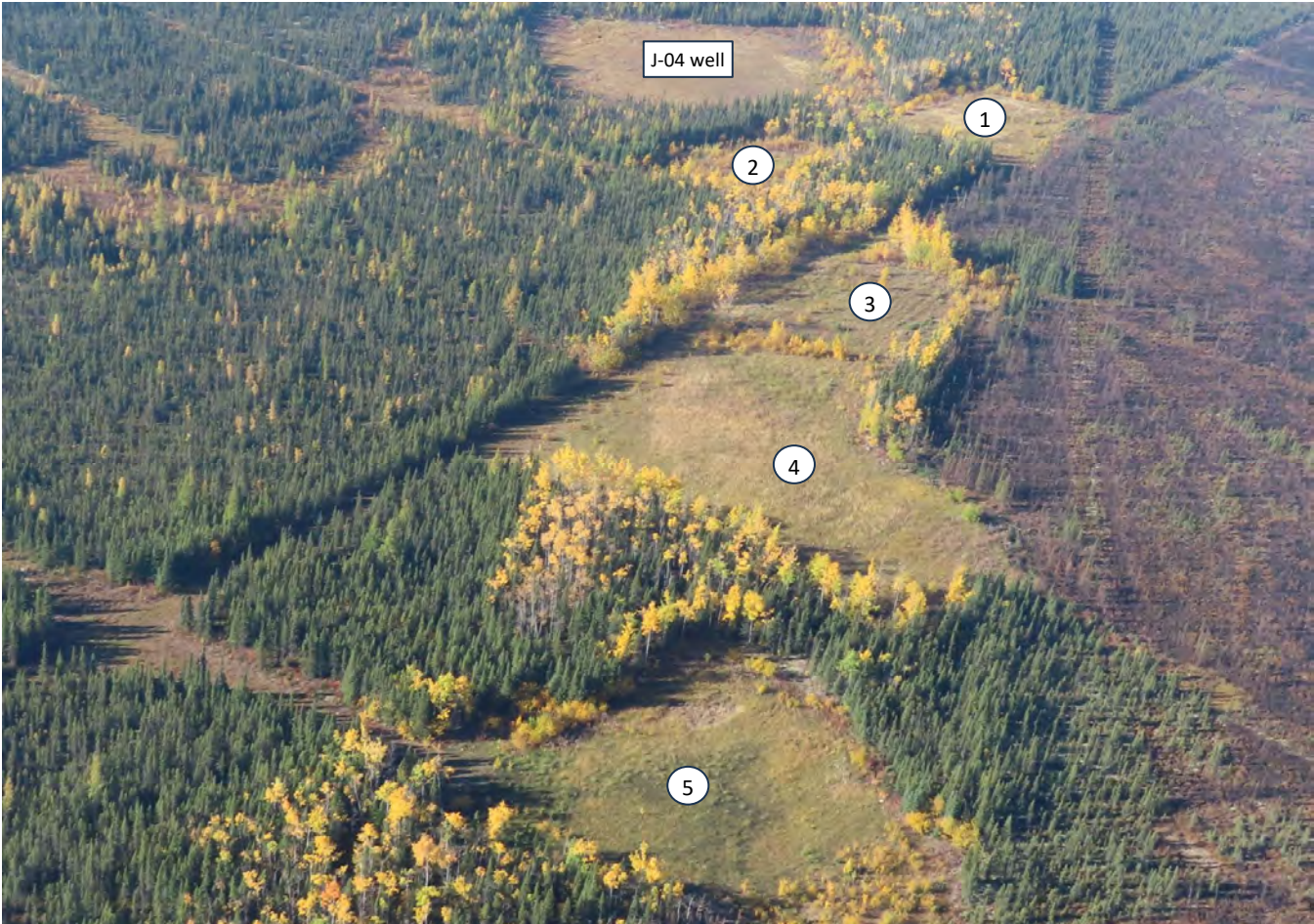


ENVIRONMENTAL INSPECTION REPORT

Figure 167
Remote Sump – E J-04. Aerial view of J-04 Remote Sump.



Figure 168
Remote Sump – E J-04. Aerial view of remote sumps. Sites 1, 4 & 5 were remediated in February 2019. Sites 2 and 3 were satisfactory and no remediation work was required.





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Figure 169

Remote Sump – E J-04. Site 1 (right) and 2 (top left). Vegetation covering both sumps appeared healthy with no signs of distressed or dead vegetation.



Figure 170

Remote Sump – E J-04. Site 3 (left) and 4 (right). Vegetation covering both sumps appeared healthy with no signs of distressed or dead vegetation.





ENVIRONMENTAL INSPECTION REPORT

Figure 171

Remote Sump – E J-04. Site 5. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.

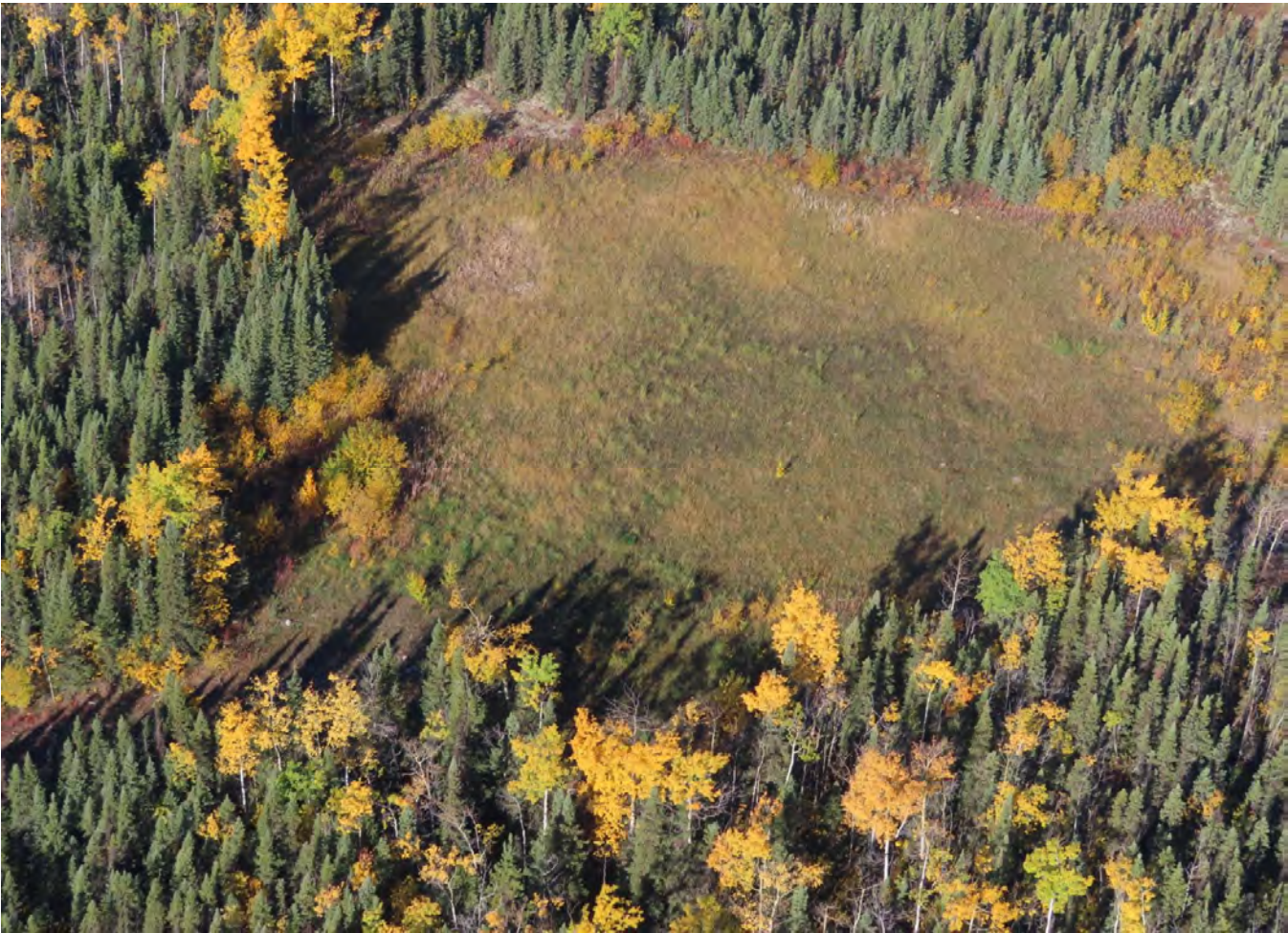


Figure 172

Remote Sump – E J-37. Site 1 (left) and 2 (right).





ENVIRONMENTAL INSPECTION REPORT

Figure 173

Remote Sump – E J-37. Site 1. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.



Figure 174

Remote Sump – E J-37. Site 2. Vegetation covering the sump appeared healthy with no signs of distressed or dead vegetation.





ENVIRONMENTAL INSPECTION REPORT

Figure 175

Pipeline – S E-72. South section of the pipeline appeared satisfactory with no signs of erosion observed. Pipeline was remediated in the winter of 2019.



Figure 176

Pipeline – S E-72. North section of the pipeline appeared satisfactory with no environmental concerns noted. Pipeline was remediated in the winter of 2019.





ENVIRONMENTAL INSPECTION REPORT

Figure 177

Pipeline – W I-73. Pipeline facing west (east section) appeared satisfactory with no signs of erosion observed. Pipeline was remediated in March 2019.



Figure 178

Pipeline – W I-73. Pipeline facing west (west section) appeared satisfactory with no environmental concerns noted. Pipeline was remediated in March 2019.





ENVIRONMENTAL INSPECTION REPORT

Figure 179

Pipeline – S L-40. Pipeline facing south appeared satisfactory with no signs of erosion observed. Pipeline was remediated in March 2019.



Figure 180

Pipeline – S L-40. Pipeline appeared satisfactory with no signs of erosion observed. Pipeline was remediated in March 2019.





ENVIRONMENTAL INSPECTION REPORT

Figure 181

Pipeline – S M-73. Pipeline facing north appeared satisfactory with no signs of erosion observed. Pipeline was remediated in March 2019.



Figure 182

Pipeline – M-74. Facing south, the pipeline riser was removed in the winter of 2023. The area has been backfilled in a satisfactory manner and no environmental concerns were noted.





ENVIRONMENTAL INSPECTION REPORT

Figure 183

Pipeline – S N-06. Pipeline facing north appeared satisfactory with no signs of erosion observed. Pipeline was remediated in the winter of 2019.



Figure 184

Pipeline – S N-06. Facing south, the pipeline right-of-way was well vegetated with no signs of erosion.





ENVIRONMENTAL INSPECTION REPORT

Figure 185

Access. Example of an access road in the Cameron Hills. Photo facing east near Wellsite N-06.



Figure 186

Access - Signage. Signs located near the H-03 Battery to be removed.





ENVIRONMENTAL INSPECTION REPORT

Figure 187

Access - Signage. Signs located on the pipeline right-of-way to be removed.



Figure 188

Access - Signage. Sign located at the entrance to a wellsite to be removed.





ENVIRONMENTAL INSPECTION REPORT

Figure 189

Access. Facing north, culvert located north of Creek Crossing #1 on the access to Wellsite L-47 to be removed.



Figure 190

Access. Close-up of culvert to be removed from Creek Crossing #1.





ENVIRONMENTAL INSPECTION REPORT

Figure 191

Access – Cameron River Bridge. Aerial view of the Cameron River Bridge facing north.



Figure 192

Access – Cameron River Bridge. Aerial view of the Cameron River Bridge facing west.





ENVIRONMENTAL INSPECTION REPORT

Figure 193

Access – Cameron River Bridge. Bridge with prefab concrete slabs. Bridge to be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).



Figure 194

Access – A-73 Bridge. Bridge over Herbal Creek facing north. Bridge to be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).





ENVIRONMENTAL INSPECTION REPORT

Figure 195

Access – A-73 Bridge. Aerial view of the A-73 Bridge with rotten wood decking and attached pipeline facing north.



Figure 196

Access – C-50 Bridge. Bridge with attached pipeline over the Cameron River facing west. Bridge to be removed in accordance with Permit Condition #92 (FINAL CLEANUP AND RESTORATION).





ENVIRONMENTAL INSPECTION REPORT

Figure 197

Access – C-50 Bridge. Photo showing rip-rap placed under the bridge to protect the river bank from erosion, attached pipeline and bridge supports.



Figure 198

Access – C-50 Bridge. Pipeline attached to the bridge was decommissioned in February 2024 and cut at ground level.





ENVIRONMENTAL INSPECTION REPORT

Figure 199

Access – Airstrip. Aerial view airstrip facing east.



Figure 200

Access – E-07 Gravel Pit. Aerial view of the E-07 Gravel Pit facing east.





ENVIRONMENTAL INSPECTION REPORT

Figure 201

Access – A-04 Clay Pit. Aerial view of the A-04 Clay Pit facing west.



Figure 202

Access – Lake Source #3. Aerial view of Lake Source #3 and access road.





ENVIRONMENTAL INSPECTION REPORT

Figure 203

Access – Lake Source #3. The site including the shoreline was clean of debris and no environmental concerns were noted during the inspection.

