

**From:** [Mike Martin](#)  
**To:** ["MacRae, Duncan"](#)  
**Cc:** [DST\\_JUS\\_OROGO](#); [Norman McCowan](#); [Jayda Robillard](#); [Joshua Gauthier](#); [Wendy Bidwell](#)  
**Subject:** RE: NOTICE: Concerns identified in Cameron Hills during September 17-19, 2024 inspections  
**Date:** October 2, 2024 2:54:00 PM  
**Attachments:** [2024-10-02 - Photos - Cameron Hills Production field - Areas of non-compliance.pdf](#)

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Good afternoon Duncan

As requested, below is a list of the non-immediate concerns on sites for your reference. Attached are photographs providing context.

- **General:** Well abandonment signs not installed as per 6E of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* (See Photo #1 and #5)
  - Cement base insufficient – well signs leaning or on the ground; and
  - Sign name plates are bent /detached from post.
- **General:** Well site identification and directional signs along access roads and lease entrances are still in place and require removal (See Photo #2)
- **General:** Pipeline identification and hazard signs along pipeline right of way are still in place and require removal. (See Photo #3)
- **Cameron K-74 (WID 1972):** Detached section of casing and other debris at camp area (See Photo #4)
- **Cameron A-68 (WID 1746):** Cellar still in place requiring removal (See Photo #5)
- **Cameron I-74 (WID 1792):** Cellar still in place require removal
- **Cameron J-62 (WID 1158):** Cellar still in place require removal;
- **Cameron I-73 (WID 1937):** Cellar still in place require removal;
- **Cameron C-74 (WID 1939):** Cellar still in place require removal; and
- **Cameron L-47 (WID 1736):** Bulk tank liner and grounding cable require removal.

OROGO understands that A&M is looking to see if the above concerns are able to be addressed at the same time as the immediate concerns identified in my email on September 25, 2024. These above concerns will be reflected in our inspection reports. The reports will include a requirement for the submission of a plan for their correction. For clarification, the above concerns are not required to be corrected by the October 31, 2024 timeline but we appreciate any efforts that can be done while dealing with the previously identified immediate concerns.

Mársı | Kinanāskomitin | Thank you | Merci | Həj' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı

Mr. Michael Martin

Chief Safety Officer | délégué à la sécurité  
Chief Conservation Officer | agent du contrôle de l'exploitation

Senior Advisor, Technical (Operations) | Conseiller technique principal (exploitation)

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**From:** Mike Martin

**Sent:** Wednesday, September 25, 2024 11:40 AM

**To:** MacRae, Duncan <[dmacrae@alvarezandmarsal.com](mailto:dmacrae@alvarezandmarsal.com)>

**Cc:** DST\_JUS\_OROGO <[OROGO@gov.nt.ca](mailto:OROGO@gov.nt.ca)>; Norman McCowan <[Norman\\_McCowan@gov.nt.ca](mailto:Norman_McCowan@gov.nt.ca)>;

Jayda Robillard <[Jayda\\_Robillard@gov.nt.ca](mailto:Jayda_Robillard@gov.nt.ca)>; Joshua Gauthier <[Joshua\\_Gauthier@gov.nt.ca](mailto:Joshua_Gauthier@gov.nt.ca)>;

Wendy Bidwell <[Wendy\\_Bidwell@gov.nt.ca](mailto:Wendy_Bidwell@gov.nt.ca)>

**Subject:** RE: NOTICE: Concerns identified in Cameron Hills during September 17-19, 2024 inspections

Hi Duncan,

We (OROGO – Don't want to speak for ECC) will strive to get the reports identifying areas requiring work out next week.

There is remaining debris on some sites, some cellars were not removed or backfilled and some of the well abandonment signs were not installed as detailed in our *Well Suspension and Abandonment Guidelines and Interpretation Notes*.

ECC may have a few more things under their mandate.

It might be best for us (A&M, OROGO and ECC) to have a meeting to discuss our observations in advance of the reports being issued so A&M can have a better understanding of what remains to be addressed.

If you are interested in this, let us know your availability.

Mársı | Kinanāskomitin | Thank you | Merci | Hąı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı

Mr. Michael Martin

Chief Safety Officer | délégué à la sécurité  
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Senior Advisor, Technical (Operations) | Conseiller technique principal (exploitation)

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**From:** MacRae, Duncan <[dmacrae@alvarezandmarsal.com](mailto:dmacrae@alvarezandmarsal.com)>  
**Sent:** Wednesday, September 25, 2024 11:29 AM  
**To:** Mike Martin <[Mike\\_Martin@gov.nt.ca](mailto:Mike_Martin@gov.nt.ca)>  
**Cc:** DST\_JUS\_OROGO <[OROGO@gov.nt.ca](mailto:OROGO@gov.nt.ca)>; Norman McCowan <[Norman\\_McCowan@gov.nt.ca](mailto:Norman_McCowan@gov.nt.ca)>; Jayda Robillard <[Jayda\\_Robillard@gov.nt.ca](mailto:Jayda_Robillard@gov.nt.ca)>; Joshua Gauthier <[Joshua\\_Gauthier@gov.nt.ca](mailto:Joshua_Gauthier@gov.nt.ca)>; Wendy Bidwell <[Wendy\\_Bidwell@gov.nt.ca](mailto:Wendy_Bidwell@gov.nt.ca)>  
**Subject:** RE: NOTICE: Concerns identified in Cameron Hills during September 17-19, 2024 inspections

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Received. We will discuss and get back to you shortly.

While we consider costs to travel site to address these items, are there other non-immediate concerns we should be aware of that may also require mitigating efforts?

**Duncan MacRae, CPA, CA, CIRP, LIT**

Senior Director

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**From:** Mike Martin <[Mike\\_Martin@gov.nt.ca](mailto:Mike_Martin@gov.nt.ca)>  
**Sent:** Wednesday, September 25, 2024 11:04 AM  
**To:** MacRae, Duncan <[dmacrae@alvarezandmarsal.com](mailto:dmacrae@alvarezandmarsal.com)>  
**Cc:** DST\_JUS\_OROGO <[OROGO@gov.nt.ca](mailto:OROGO@gov.nt.ca)>; Norman McCowan <[Norman\\_McCowan@gov.nt.ca](mailto:Norman_McCowan@gov.nt.ca)>; Jayda Robillard <[Jayda\\_Robillard@gov.nt.ca](mailto:Jayda_Robillard@gov.nt.ca)>; Joshua Gauthier <[Joshua\\_Gauthier@gov.nt.ca](mailto:Joshua_Gauthier@gov.nt.ca)>; Wendy Bidwell <[Wendy\\_Bidwell@gov.nt.ca](mailto:Wendy_Bidwell@gov.nt.ca)>  
**Subject:** NOTICE: Concerns identified in Cameron Hills during September 17-19, 2024 inspections  
**Importance:** High

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Good morning Duncan,

OROGO and the Department of Environment and Climate Change (ECC) conducted a joint inspection of the Cameron Hills Field September 17-19, 2024.

In advance of the reports being issued, OROGO wanted to identify some concerns observed that require immediate mitigation as they pose safety and environmental concerns.

1. Cameron 2H-03 (WID 2073)

- 11 pilings were observed to be cut off just above ground level and visually obscured by surrounding vegetation.
  - 2 Pilings – 20” diameter
  - 8 Pilings – 18” diameter
  - 1 piling – 6” diameter
- These pilings were full of water and >4 feet deep
- These pilings appear to be the foundation of the oil and gas infrastructure associated with the resource exploitation for this well.
- **CONCERN: These pilings are open and hollow posing risks to humans and wildlife.**

2. Cameron D-49 (WID 1973)/ Cameron J-04 (WID 2034)/ Cameron A-68 (WID 1746)/ Cameron I-74 (WID 1792)/ Cameron B-25 (WID1756)/ Cameron J-62 (WID 1158)/ Cameron 2M-73 (WID 2026)

- No sign that backfill of well center was attempted.
- 2-3 foot deep hole at well centre.
- I-74 also has a Rathole\* next to where the proposed 2I-74 well was to be drilled. The casing was removed but not backfilled.
  - See the September 23, 2022 OROGO Well Inspection Summary Report for background information. This report can be found on the OROGO public registry [here](#).
- **CONCERN: Holes at well centre cause risks to humans and wildlife.**

\* **Rathole:** a hole in the rig floor, 30 to 35 feet deep, lined with casing that projects above the floor into which the kelly is placed when hoisting operations are in progress.

The Well Approvals for these wells all require open excavations to be backfilled. Additionally, Section 6E of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* states that, “Debris associated with the entire well operation must be removed within 12 months of the cutting and capping operation.”. The remaining pilings are part of the pre-existing oil and gas infrastructure that was to be removed.

The safety of people and that of the environment (wildlife) are of concern at these sites. It should be noted that during the inspection, one of the inspectors almost stepped in one of the pilings at the

Cameron 2H-03 (WID 2073) well as it could not be seen below the level of vegetation in the area. The attached PDF shows photos of these sites to better illustrate the concerns.

OROGO requires Alvarez and Marsal (A&M), the NWT receiver of Strategic Oil and Gas Ltd., to implement temporary mitigation of these sites no later than October 31, 2024. A&M is also required to submit a plan to OROGO and ECC on a timeframe and methodology for how these issues will be permanently addressed. Should A&M feel that it can conduct permanent mitigation of these sites prior to October 31, 2024, please request a meeting with OROGO and ECC to discuss.

Mársı | Kinanāskomitin | Thank you | Merci | Hąı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı

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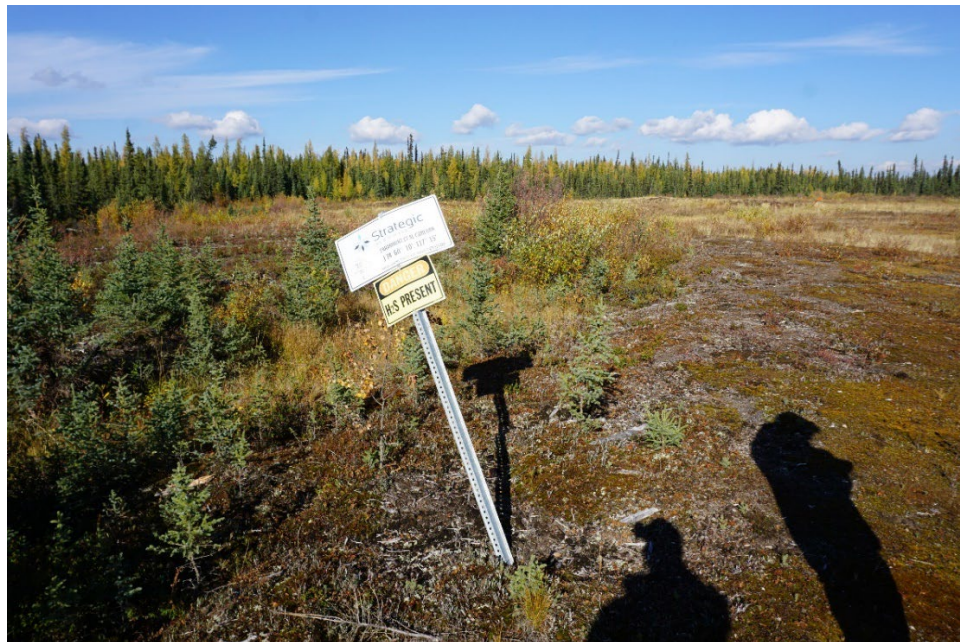
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**Cameron Hills Production Field  
OA-2018-003-SOG  
September 17-19, 2024 Inspections – Areas of Non-Compliance**



**Photo #1:** Cameron J-74 (WID 2032) – Example of improperly installed well abandonment sign.



**Photo #2:** Cameron J-74 (WID 2032) – Example of lease entrance sign requiring removal.



**Photo #3:** Cameron C-74 (WID 1939) – Example of pipeline identification and hazard signs requiring removal.



**Photo #4:** Cameron K-74 (WID 1972) – Example of debris requiring removal.



**Photo #5:** Cameron A-68 (WID 1746) – Example of cellar requiring removal and improperly installed well abandonment sign.



**Photo # 6:** Cameron L-47 (WID 1736) - Liner and grounding cable requiring removal.