



July 14, 2023

Office of the Regulator of Oil and Gas Operations (OROGO)  
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Yellowknife NT  
X1A 3S9  
Email: [OROGO@gov.nt.ca](mailto:OROGO@gov.nt.ca)

*Sent Via Email*

**Attention: Pauline de Jong, Regulator OROGO**

**Re: Request for Extension of Deadline for abandonment of the Tweed Lake M-47 (WID1476), Tweed Lake A-67 (WID1555) and Bele -35 (WID1600) Wells (OA-2021-003-SUN)**

Dear Madam:

Please find the additional information requested by OROGO as set out in the Information Request No. 5 dated June 14, 2023.

We trust that the response provided satisfy your current requirements and provides suitable documentation for your records. If you have any further questions or concerns, please do not hesitate to contact me.

Thank you,

DocuSigned by:  
  
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**Lai-Shang Woo**

Director Development - Legacy Properties  
E&P & In Situ

**Suncor Energy Inc.**

[lwoo@suncor.com](mailto:lwoo@suncor.com)

Phone: 403-993-5649



## 5.1 Local Capacity

### **Request:**

Please provide documentary evidence (for example, letters or emails) that local communities have the capacity to offer suitable support services and are interested in doing so.

### **Response:**

Colville Lake/Behdzi Ahda' First Nation and Pentastar Transportation Group of Companies/Northwell Oilfield Services created a partnership called NRC Energy to provide local civil and supporting services (camp, fuel, catering). From April 2021 to May 2022, Suncor was in consultation (email, video calls and several meetings in Calgary and Edmonton) with NRC Energy to provide services on the upcoming well abandonment work in the Colville Lake area. However, the partnership dissolved in May 2022. In June 2022, Suncor was given an indication by Colville Lake/Behdzi Ahda' First Nation that they are looking for a new civil and supporting services partnership. Suncor has provided Colville Lake/Behdzi Ahda' First Nation with the resourcing/equipment requirements. Completions require well servicing competencies which is a skillset unique to downhole well work and will not be sourced locally.

Suncor is seeking local service companies to support this project so that some of the economic benefits associated with the work remain in the community as required by the Government of Northwest Territories, Industry, Tourism and Investment Benefits Plan requirement and the K'Asho Gotine Land and Access Agreement. Throughout all discussions, the Colville Lake/Behdzi Ahda' First Nation have indicated strong interest and desire to provide support to this project. At this point in time, Colville Lake/Behdzi Ahda' First Nation does not appear to have capacity to offer the required support services, but we did receive correspondence on May 25<sup>th</sup>, 2023 from David Codzi that Colville Lake/Behdzi Ahda' First Nation are meeting with potential partnership companies during the summer of 2023. Suncor has a meeting scheduled on July 20<sup>th</sup> in Edmonton with Colville Lake/Behdzi Ahda' First Nation.

All business discussion details are held confidential. We are happy to meet and discuss further should more information be required.



## 5.2 Obtaining Services Elsewhere

### **Request:**

Please provide more information on Suncor's efforts to obtain the services required to complete its well abandonment operations by March 31, 2026. Include information on:

- The type of service;
- How many possible other providers were considered;
- The location of those possible providers;
- Whether those possible providers already meet Suncor's EH&S Policy requirements; and
- Why Suncor chose not to proceed with these providers.

### **Response:**

The services required for the Colville Lake abandonment program include but not limited to: camp(s) and catering, civil construction support for building winter access, leases and laydowns, well abandonment operations (service rig, fishing, electric wireline and remedial cementing) and auxiliary services such as medical support, transportation and fuel.

Suncor was initially in discussion with NRC Energy, a partnership between Colville Lake & Pentastar to secure local services for the general and access scope portion of the project. Upon dissolution of the NRC Energy Partnership in May 2022, Suncor has been engaging with local communities - Colville Lake and the K'Asho Gotine to assess alternate avenues to engage and source resources within the local communities. Currently there are not sufficient resources, nor providers available to meet Suncor's EH&S Policy and Supply Chain requirements from the local communities. Suncor has had introductory meetings with companies from neighbouring communities of Fort Good Hope, Norman Wells and Tulita to gauge resourcing availability but have not pursued any further action at this time due to Colville Lake/Behdzi Ahda' First Nation leadership representatives restating priority of working with the local community. As mentioned above, Suncor has a meeting with the Colville Lake/Behdzi Ahda' First Nation on July 20<sup>th</sup>, 2023 in Edmonton to discuss future resourcing opportunities.

For the Completions scope, there are four major services involved for the Colville Lake abandonments: service rig, fishing, electric wireline and remedial cementing. These service providers are based out of Alberta and may have service points located in various places within the province. The providers we are considering are on Suncor's approved vendor list and meet Suncor's EH&S criteria. Suncor has initially engaged with our two main service providers for each of the major completions services but have not finalized our selection yet as per our project plan.



### 5.3 Mobilization of Early Works Equipment

**Request:**

Please provide more information on the mobilization of early works equipment, including:

- The types of equipment to be mobilized;
- Where the equipment will be mobilized from; and
- How the equipment will be mobilized to Colville Lake (for example, by barge, winter road, or combination of the two).

**Response:**

Type of equipment to be mobilized includes (subject to change):

- Camp(s) & Supporting equipment
- Civil Equipment (water trucks, dozers, hagglands, graders, vac truck, snowcats, snowmobiles, loaders, excavators, mulchers etc.)
- Generators/Light Plants and other surface rentals
- Pickups
- Medical Treatment Unit
- Truck shop
- Fuel tanks & fuel
- Lubes and oils
- Service rig

The equipment will be mobilized from the vendor(s) location which can include NWT and Alberta. The equipment mobilization required in Colville Lake is through the Winter Road. Other equipment staging in Fort Good Hope or Norman Wells may be through the barging system (Suncor has not finalized plans yet).



**5.4 Schedule for Completing Well Abandonments**

**Request:**

Please provide a Gantt chart for the project, starting in July 2023 and ending with well abandonment operations in winter 2026. The Gantt chart should identify all key tasks and milestones required to meet Suncor’s proposed start of operations in January 2026, including a date by which all contractors must be secured.

**Response:**

Suncor Activities Month/Quarter	2023						2024												2025				2026					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
<b>Technical, Regulatory and Indigenous Communities</b>																												
Validate and Finalize Project Scope and Plan																												
SAHTU Land and Water Board Closure & Reclamation Plan and Approval																												
Review Project Plan and Final Programs with OROGO																												
Communications with Indigenous Communities - Ongoing as Required																												
Approved Benefits and Agreement Plan																												
Final Date all Contractors Must be Secured																												
<b>Commercial Strategy and Procurement: Sites and General Scope</b>																												
Sites and Access General Scope - Define Scope of Work and Requirements incl. Commercial Terms, General Conditions and Timelines																												
Develop Strategy and Secure Partnerships (incl. Quotes and Exemptions)																												
Evaluation, Prequalification and Qualifications Process																												
Approved Contract																												
Detailed Scope of Work (incl. EH&S Contractor Management, Hazard ID, etc.)																												
<b>Commercial Strategy and Procurement: Completions Scope</b>																												
Engage and Select Service Providers																												
Complete Risk and Peer Reviews																												
Complete the Well on Paper (CWOP) with Service Providers																												
<b>Pre-execution Mobilization - Long Leads</b>																												
Civil Equipment (Fuels and Camps)																												
Completions Rig to Norman Wells																												
<b>Operations</b>																												
Gas Migration and Surface Casing Vent Flow Testing																												
Logistics Access & Lease Construction																												
Completions and Well Abandonment																												
Demobilization																												
<b>Closure</b>																												
OROGO Operations Authorization & Land Use Permits																												