



**CONSTRUCTION OF REPLACEMENT FACILITIES AND OVERHAUL  
ENGAGEMENT LOG**

**TALTSON HYDROELECTRIC FACILITY  
TALTSON RIVER, NORTHWEST TERRITORIES**

**May 2020**

## DOCUMENT MAINTENANCE AND CONTROL

The Director, Health, Safety & Environment is responsible for the distribution, maintenance and updating of the Engagement Log.

| DOCUMENT HISTORY |                    |                           |             |            |
|------------------|--------------------|---------------------------|-------------|------------|
| Revision #       | Revised Section(s) | Description of Revision   | Prepared by | Issue Date |
| 0                | N/A                | First Version             | NTPC        | April 2020 |
| 1                | 2 and 3            | Updated Engagement Record | NTPC        | May 2020   |
|                  |                    |                           |             |            |
|                  |                    |                           |             |            |

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# 1 INTRODUCTION

This Engagement Log provides an engagement record for the construction of replacement support facilities for the Taltson Hydroelectric Facility (Taltson Facility). The Taltson Facility is a hydroelectric facility located within the Taltson River watershed, ~56 km northeast of Fort Smith in the Northwest Territories that is owned and operated by the Northwest Territories Power Corporation (NTPC). An overhaul of key infrastructure within the generating station and camp is planned to begin in 2020 to ensure the continued reliability of power generation for the South Slave Region.

The construction of the replacement facilities, new storage facilities and operation of on site borrow locations and quarries will require a quarry permit from the Government of Northwest Territories (GNWT) Department of Lands and a land-use permit from the Mackenzie Valley Land and Water Board (MVLWB) under the direction of the Mackenzie Valley Resource Management Act and the Waters Act. As part of the land-use permit application process, NTPC is required to gather input from stakeholders on the application package and to continue engagement throughout the term of the permit. Engagement will provide an opportunity for stakeholders to contribute knowledge and solutions to the process, which is mutually beneficial to all parties involved.

This log was developed to document the detailed engagement process that NTPC undertook in the months leading up to submitting the land-use permit application for the project. This engagement process was completed to gather information from stakeholders to help guide the application. The engagement process was guided by the *Taltson Hydro- Construction of Replacement Facilities- Engagement Plan* (NTPC, 2020). Engagement also occurs under other land use permits and water licences as per the *Taltson Public Engagement Plan for Affected Water Users* (MV2011L4-0002) and the *Taltson Winter Road Engagement Plan* (MV2019L8-0008 and MV2019F0015).

## 1.1 TALTSON FACILITY

The Taltson Hydroelectric Facility was built in 1965 to supply electricity to the Pine Point Mine. The mine was exhausted by the mid-1980's and the site was decommissioned and closed in 1986. Following the mine closure, the Taltson Generating Station has continued to supply power to the South Slave Region and is the sole source of power, with the exception of back up diesel generators, to the South Slave communities of Hay River, K'atlodzeeche First Nation, Fort Smith, Fort Resolution and Enterprise.

The existing Taltson Hydroelectric Facility is comprised of the Twin Gorges Generating Station, Twin Gorges Forebay Reservoir, South Valley Spillway, Trudel Creek and the Nonacho Lake Dam and is outlined in Figure 1. The Twin Gorges Generating Station is an 18 MW hydroelectric facility located within the Taltson River watershed 56 km northeast of Fort Smith in the Northwest

Territories. The facility operates under the MVLWB Type A Water Licence MV2011L4-0002. The facility is a fly in access only using the airstrip or landing on the Twin Gorges Reservoir. In the winter of 2019/2020 a historical winter road from Fort Smith was reconstructed which is operated under MVLWB Type B Water Licence MV2019L8-0008 and Type A Land Use Permit MV2019F0015.

The Taltson facility consists of a hydroelectric plant, substation and surge tower situated on the east side of the Taltson River 250m southwest of the main dam. The headgate house sits on the upstream side of the dam in the forebay.

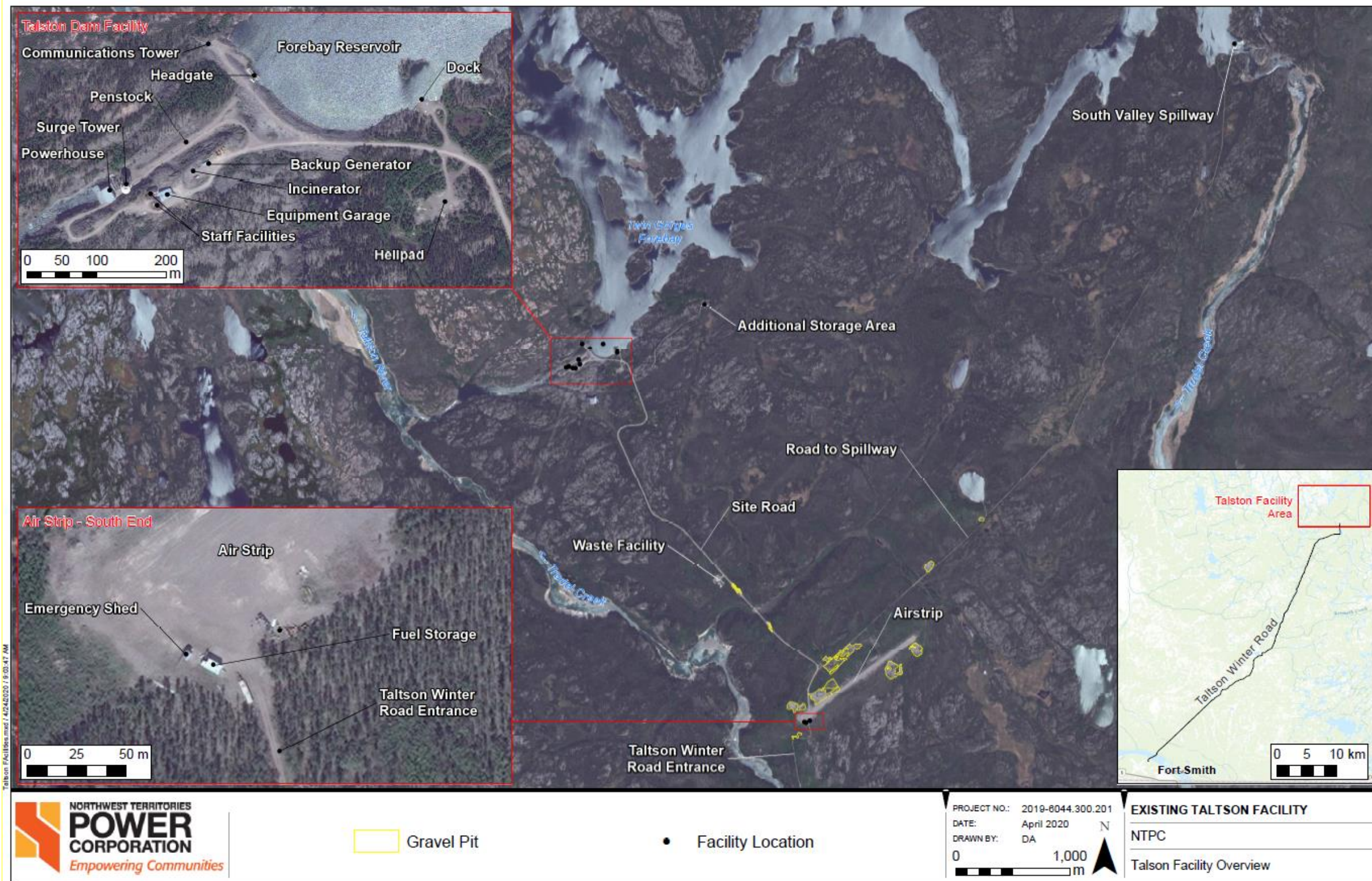
Support facilities include two staff houses and a garage are located east of the plant. The 800m airstrip is located 3km southeast of the plant with a storage shed and fuel storage building at its western end. The facility also includes a back up diesel generator, waste incinerator, septic field and fuel storage areas.

## 1.2 CONSTRUCTION OF REPLACEMENT FACILITIES

The Taltson Hydroelectric Facility was built in 1965 and a refurbishment of key infrastructure at the facility is required to ensure the continued reliability of power generation for the South Slave Region. This includes refurbishment of the generating station, replacement of the camp for staff lodging, replacement of the garage for vehicle and equipment storage/maintenance, replacement of the substation and construction of additional storage facilities. Maintenance overhauls and refurbishments for the Taltson Facility are scheduled to be completed throughout 2020-2024. Details for the refurbishment of key infrastructure at the facility are presented in the *Taltson Hydro Facility Construction of Replacement Facilities and Overhaul- Construction, Wildlife Management and Reclamation Plan* (NTPC, 2020).

The existing Taltson Hydroelectric Facility is outlined in Figure 1.

Figure 1: Existing Taltson Hydroelectric Facility



## 1.3 CORPORATE CONTACT INFORMATION

NTPC contact information for the Taltson WR water licence and land-use permit is as follows:

Matthew Miller  
Senior Environmental Licensing Specialist  
4 Capital Drive  
Hay River, NWT X0E 1G2  
Tel: (867) 874-5314 [mmiller@ntpc.com](mailto:mmiller@ntpc.com)

Ken Bell  
Manager Operations & Maintenance, South Slave  
Box 66, NT  
867-872-7110 [kbell@ntpc.com](mailto:kbell@ntpc.com)

Doug Prendergast  
Manager, Communications  
4 Capital Drive  
Hay River, NWT X0E 1G2  
Tel: (867) 874-5202 [dprendergast@ntpc.com](mailto:dprendergast@ntpc.com)

Andrew Ellis  
Project Manager, Engineering  
4 Capital Drive  
Hay River, NWT X0E 1G2  
867-874-5231 [aellis@ntpc.com](mailto:aellis@ntpc.com)

Brian Dixon  
Senior Project Manager  
Taltson Hydropower Station Overhaul  
(306) 290-4989 [BDixon@ntpc.com](mailto:BDixon@ntpc.com)

## 2 LICENCE RENEWAL APPLICATION ENGAGEMENT

NTPC completed a thorough engagement process leading up the land-use permit application to gather input from stakeholders on the package.

The engagement process provided an opportunity for stakeholders to contribute knowledge and solutions to the water licence application and this engagement will continue throughout the application process and operation of the winter road.

Some key tools that were employed in the engagement process are:

- Electronic mail (email);
- Phone conversations and teleconferences;

The Engagement process was completed during the COVID-19 public health pandemic and in-person meetings and public information sessions were not possible due to social distance measures in place to protect public health.



## 2.1 PARTIES ENGAGED

NTPC has identified a number of aboriginal, municipal, territorial and federal governments, governmental organizations and private organizations as parties to be engaged as part of the land-use permit application. These parties and organizations are presented in Table 2-1.

**Table 2-1: Parties Engaged**

| <b>Organization</b>  |
|--|
| Akaitcho IMA Implementation Office                             |
| Athabasca Dëne Sųłíné  |
| Dene Nation  |
| Deninu K'ue First Nation                                       |
| Fort Resolution Metis Council                                  |
| Fort Smith Fishing Derby                                       |
| Fort Smith Metis Council                                       |
| GNWT - ENR - South Slave Region - Fort Smith                   |
| GNWT - INF   |
| GNWT - Lands - South Slave Region - Fort Smith and Hay River   |
| Hamlet of Fort Resolution                                      |
| Katloodeeche First Nation                                      |
| Lutsel K'e Dene First Nation - Wildlife, Lands and Environment |
| Nonacho Lake Fishing Camp                                      |
| North Slave Metis Alliance                                     |
| Northwest Territory Metis Nation                               |
| Salt River First Nations                                       |
| Smith Landing First Nation                                     |
| Taltson Bay Big Pike Lodge                                     |
| Tlicho Lands Protection Department                             |
| Town of Fort Smith   |
| West Point First Nation  |
| Yellowknives Dene First Nation                                 |

## 3 ENGAGEMENT RECORD

### 3.1 ENGAGEMENT SUMMARY

A summary of all engagement undertaken leading up to the water licence renewal application is presented below. This includes an entry for each engagement, including the following information:

- Date of engagement;
- Name of party or group;
- Format of engagement;
- Individuals attending;
- Issue or topic of discussion;
- Comments received by NTPC; and
- Description of issues that were jointly resolved or which remain outstanding.

An overview of the engagement results is presented in Table 3-1.

Some of the key milestones in the engagement process for the land use permit were:

1. Verified requirements for a land use permit for the proposed project with the MVLWB.
  - a. From November 2019 to January 2020 NTPC and the MVLWB engaged in discussions through email and teleconference to discuss the requirement of a land use permit for the project.
  - b. On January 16, 2020 after some back and forth on the subject the MVLWB provided an issuance that the project would require a land use permit and provided reference to applicable legislation.
  - c. On January 20, 2020 NTPC verified that a land use permit would be obtained for the project.
2. Email to all stakeholders with notification letter regarding the NTPC's Type A LUP application for the construction of Taltson Hydro replacement support facilities. Letter included general information about the project and application. The notification letter is included as Appendix A.
  - a. Initial email to all stakeholders with letter was sent February 24, 2020.
  - b. Follow up email including letter was sent March 11, 2020.
3. Email to key stakeholders in the region with invitation to set up teleconference or phone call to gather further information for the project given COVID-19 pandemic.
  - a. Sent on March 27, 2020

4. Phone calls to key stakeholders to confirm no further information was required before submission of application.
  - a. Calls were made to key stakeholders April 15, 2020

A detailed record of all engagement with all stakeholders is outlined in Table 3-1 and all emails are provided in Appendix B.

**Table 3-1: Detailed Engagement Record**

| Date        | Item          | Parties  | Cc'd   | Description  |
|-------------|---------------|--|--|--|
| 2019-Nov-7  | Email- from   | Jen Potten (MVLWB)   | Tyree Mullaney, Shannon Allerston, Angela Plautz (MVLWB)                 | Email regarding the construction of replacement camp at NTPC's Taltson Facility.   |
| 2019-Dec-19 | Email- to     | Shannon Allerston (MVLWB)  | Tyree Mullaney, Angela Plautz (MVLWB), Eddie Smith, Doug Evanchuk (NTPC) | Email stating that based on past precedent and ownership of lands NTPC did not require a land use permit for this project.   |
| 2020-Jan-15 | Email- to     | Shannon Allerston (MVLWB)  | Tyree Mullaney, Angela Plautz (MVLWB), Eddie Smith, Doug Evanchuk (NTPC) | Email updating location of camp on private lands.  |
| 2020-Jan-16 | Email- from   | Shannon Allerston (MVLWB)  | Tyree Mullaney, Angela Plautz (MVLWB), Leslie Witzen (GNWT)              | Issuance that the project would require a land use permit and provided reference to applicable legislation.  |
| 2020-Jan-20 | Email- to     | Shannon Allerston (MVLWB)  | Angela Plautz (MVLWB), Eddie Smith (NTPC)                                | Email verifying that a land use permit would be obtain for the project along with some details and timelines.  |
| 2020-Feb-24 | Email- to     | All parties in Table 2-1   | Doug Prendergast (NTPC), Eileen Marlowe (GNWT)                           | Email to all stakeholders with notification letter regarding the NTPC's Type A LUP application for the construction of Taltson Hydro replacement support facilities  |
| 2020-Feb-24 | Call- from    | Richard Simon (DKFN).  |  | Call to state interest in involvement in engagement process and discuss engagement options and available funding.  |
| 2020-Feb-26 | Email- from   | Eileen Marlowe (GNWT)  | Doug Prendergast (NTPC)  | Email inquiring about GIS information on behalf of YKDFN   |
| 2020-Feb-26 | Email- to     | Eileen Marlowe (GNWT)  | Doug Prendergast (NTPC)  | Email providing GIS information on project and information on winter road permit.  |
| 2020-Mar-11 | Email- to     | All parties in Table 2-1   | Doug Prendergast (NTPC), Eileen Marlowe (GNWT)                           | Follow up email to all stakeholders with notification letter regarding the NTPC's Type A LUP application for the construction of Taltson Hydro replacement support facilities  |
| 2020-Mar-11 | Email- from   | Patrick Riley (KFN)  |  | Email stating KFN does not need to be involved in engagement process.  |
| 2020-Mar-17 | Email- from   | Jessica H (NSMA)   |  | Email stating interest in engagement through email..   |
| 2019-Jan-31 | Email- to     | Deninu K'ue First Nation, Fort Resolution Metis Council, Fort Smith Metis Council, GNWT - ENR - South Slave Region - Fort Smith, GNWT - Lands - South Slave Region - Fort Smith and Hay River, Hamlet of Fort Resolution, Northwest Territory Metis Nation, Salt River First Nations, Smith Landing First Nation, Town of Fort Smith |  | Email to key stakeholders in the region with invitation to set up teleconference or phone call to gather further information for the project given COVID-19 pandemic   |
| 2020-Apr-15 | Voicemail for | Richard Simon (DKFN)   |  | Voicemail to contact NTPC for any input before submitting application.   |
| 2020-Apr-15 | Email- to     | Richard Simon (DKFN)   |  | Email to contact NTPC for any input before submitting application.   |
| 2020-Apr-15 | Voicemail for | Trudy King (FRMC)  |  | Voicemail to contact NTPC for any input before submitting application.   |
| 2020-Apr-15 | Call to       | Kenneth Hudson (FSMC)  |  | Call to contact NTPC for any input before submitting application, no voicemail   |
| 2020-Apr-15 | Call to       | Carol Collins (HFR)  |  | Call to contact NTPC for any input before submitting application, no voicemail   |
| 2020-Apr-15 | Call with     | Tim Heron (NTMN)   |  | Call to gather any input before submitting application. Tim requested a 1 page information package on the Taltson Overhaul land use permit and future engagement. NTPC committed to preparing this document and providing within the week.   |
| 2020-Apr-15 | Call with     | Gladys Macpherson (SRFN)   |  | Call to gather any input before submitting application. Gladys did not have any information requests but did request that the local economy benefits from projects. NTPC provided information on local employment on the 2020 Winter Road and procurement processes that favour northern businesses. |
| 2020-Apr-15 | Voicemail for | Becky Kostka (SLFN)  |  | Voicemail to contact NTPC for any input before submitting application  |
| 2020-Apr-15 | Call with     | TFS  |  | Call to gather any input before submitting application, got updated contact information for Director of Corporate Services.  |
| 2020-Apr-15 | Email to      | O'Brian Kydd (TFS)   |  | Email to forward engagement letters and to contact NTPC for any input before submitting application  |

| Date        | Item          | Parties                               | Cc'd | Description  |
|-------------|---------------|---------------------------------------|------|--|
| 2020-Apr-15 | Voicemail for | Jessica H (NSMA)                      |      | Voicemail to contact NTPC for any input before submitting application  |
| 2020-Apr-16 | Email to      | Tim Heron (NTMN)                      |      | Email with a 1 page information package on the Taltson Overhaul land use permit and future engagement. Included in Appendix B.   |
| 2020-May-15 | Phone call to | Athabasca Dëne Sųłıné                 |      | Phone Number was not in service  |
| 2020-May-15 | Email to      | Ron Robillard (Athabasca Dëne Sųłıné) |      | Email with notification letter and information sheet regarding the NTPC's Type A LUP application for the construction of Taltson Hydro replacement support facilities. Provided follow up contact information for future engagement. |

**APPENDIX A**  
**NOTIFICATION LETTER TO ALL STAKEHOLDERS,**

**APPENDIX B**  
**INFORMATION SHEET**

**APPENDIX A**  
**NOTIFICATION LETTER TO ALL STAKEHOLDERS,**



February, 2020

Mackenzie Valley Land and Water Board  
Distribution List

**Notification of Application for Land-Use Permit for the Construction of Taltson Hydro Replacement Support Facilities**

Dear Sir/Madam,

The Northwest Territories Power Corporation (NTPC) owns and operates the Taltson Hydroelectric Facility (Taltson Hydro), which is located 56 km northeast of Fort Smith, Northwest Territories within the Taltson River watershed. Taltson Hydro was built in 1965 and supplies power to the South Slave communities of Enterprise, Fort Resolution, Fort Smith, Hay River and K'atlodeeche First Nation. Taltson Hydro operates under the Mackenzie Valley Land and Water Board (MVLWB) water licence MV2011L4-0002.

A refurbishment of key infrastructure at the facility is planned to begin in 2020 to ensure the continued reliability of power generation for the South Slave Region. This includes refurbishment of the generating station, replacement of the camp for staff lodging, and replacement of the garage for vehicle and equipment storage/maintenance.

To support this refurbishment NTPC obtained Type B Water Licence MV2019L8-0008, Type A Land Use Permit MV2019F0015 for the Taltson Winter Road. In March 2020 NTPC will apply for a land-use permit for the construction of the replacement camp and garage, which will be constructed on NTPC-owned lands. The land-use permit will apply only to construction activities related to the camp, such as regulation of the use of heavy equipment and minor clearing of trees and brush.

Please confirm whether your organization wishes to be engaged in this process prior to the submission of the application, and if so, what your preferred method of engagement would be. If you have any questions or comments, or require further information about the upcoming application, please contact our Communications Manager Doug Prendergast by email at [DPrendergast@ntpc.com](mailto:DPrendergast@ntpc.com) or by phone at (867) 874-5202.

Please note that the Taltson Hydro refurbishment, including the replacement camp, is required to maintain the existing facility only and has no connection to the Government of the Northwest Territories' proposed Taltson expansion. For more information on that project please contact Eileen Marlowe, Indigenous Relations Advisor Development: [Eileen\\_Marlowe@gov.nt.ca](mailto:Eileen_Marlowe@gov.nt.ca) 867.767.9021.ext.31031.

February, 2020

Sincerely,



Matthew Miller, M.Sc., P.Eng.  
Senior Environmental Licensing Specialist  
Northwest Territories Power Corporation

**APPENDIX B**  
**INFORMATION SHEET**

April, 2020

## Key Information Regarding Land-Use Permit Application for Construction of Taltson Hydro Replacement Support Facilities

- The Northwest Territories Power Corporation (NTPC) owns and operates the Taltson Hydroelectric Facility (Taltson Hydro), which was built in 1965 and supplies power to the South Slave communities of Enterprise, Fort Resolution, Fort Smith, Hay River and K'atlodeeche First Nation.
  - Taltson Hydro operates under the Mackenzie Valley Land and Water Board (MVLWB) Type A Water Licence MV2011L4-0002.
  - The winter road from Fort Smith is operated under MVLWB Type B Water Licence MV2019L8-0008 and Type A Land Use Permit MV2019F0015.
- Key support infrastructure at the facility requires replacement such as staff lodging facilities, equipment garage and substation. Replacement of these facilities is planned to begin in 2020
- Refurbishment of infrastructure in the generation plant will take place once the replacement lodging facilities are completed.
- Current engagement process is related to the Land-Use Permit application for construction of replacement facilities and operation of quarries only.
- Over the coming months and years more detailed engagement will take place in relation to the overhaul of the generation infrastructure, seasonal operation of the winter road and completion of replacement facilities as outlined in:
  - *Taltson Hydro- Construction of Replacement Facilities and Overhaul Engagement Plan*;
  - *Taltson Winter Road Engagement Plan* (MV2019L8-0008 and MV2019F0015); and
  - *Taltson Public Engagement Plan for Affected Water Users* (MV2011L4-0002)
- The Taltson Hydro refurbishment has no connection to the Government of the Northwest Territories' proposed Taltson expansion. For more information on that project please contact Eileen Marlowe, Indigenous Relations Advisor Development: [Eileen.Marlowe@gov.nt.ca](mailto:Eileen.Marlowe@gov.nt.ca).

