

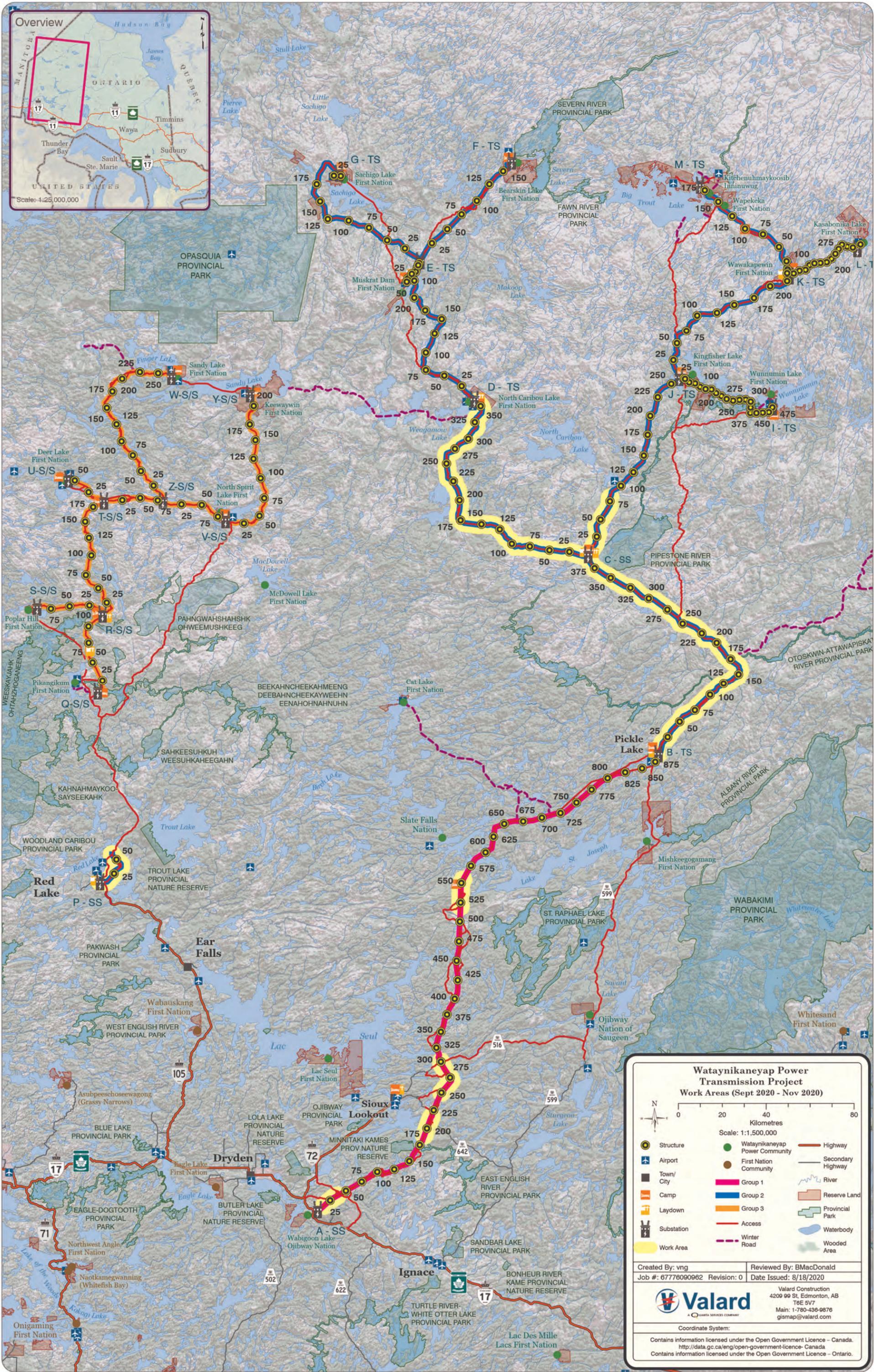
PERMITTING UPDATE

AUGUST– OCTOBER 2020

The table below provides a high-level summary of the completed, in progress, and not yet started permits required for the Wataynikaneyap Power Project. Permits are typically granted with conditions of approval, which must be completed in order for the Project to remain in compliance and maintain valid approval. Engagement and consultation with the communities is also required for any work on traditional lands.

PERMIT NAME	DESCRIPTION	STATUS
Leave to Construct (LTC) Approval	Required for the construction, expansion or reinforcement of transmission lines or interconnections.	Approved: April 1, 2019
Environmental Assessment (EA)	The entire Project requires an Environmental Assessment (EA) identifying the activities, associated effects and mitigation/enhancement measures.	Approved: (Phase 1) June 21, 2019 (Phase 2) July 8, 2019
Environmental Compliance Approval (ECA)	Authorizes noise emissions for Wataynikaneyap Transformer Station (at Pickle Lake). An ECA is required for Project substations (air and noise) and camps (waste).	Substations required to be registered; final construction details and specs required. Valard is in communication with MECP on planning the ECAs for camps.
Species at Risk Act (SARA)	Required if Project activities during construction and operations are expected to impact a species listed as Extirpated, Endangered or Threatened under Schedule 1 of SARA. This is a federal approval.	Approved: October 10, 2019
Endangered Species Act (ESA)	Authorizes the Project to perform an activity that isn't otherwise allowed under the ESA, as long as requirements outlined in the permit are met. This is a provincial approval.	Approved: October 11, 2019
Water Crossings	Project activities with the potential to harm fish or fish habitat are submitted for review. Applications often include a description of water crossing structures and available fisheries information (habitat, species).	Permits have been submitted as required to support construction. Temporary crossings are used as required to avoid harm to fish or fish habitat.
Work Permit (WP) or Land Use Permit (LUP)	Authorizations for work on Crown lands ¹ and/or shore lands including construction/upgrade of access roads and trails, culvert/bridges, timber cutting, temporary construction camps and transmission lines.	Blanket work permits have been approved for active work fronts as required to support construction.
WP or LUP (Provincial Parks & Conservation Reserves)	Required where the Project crosses provincial parks and conservation reserves. The work permits authorize clearing, construction, etc.	Approved: March 11, 2020
Crown Easement	Required for continual use of Crown Land for the purpose of transmission line operation.	Post-construction survey to roll LUPs into a Crown easement.
Aggregate Resources Act Permit	Required to extract aggregate on Crown Land. The Project will require aggregate resources for the construction of substations, roads, water crossing and temporary use areas.	Only required in certain locations, and not at this time.
Archaeological and/or Heritage Clearance	Clearance required for archaeological potential and heritage resources (built heritage and cultural heritage landscapes).	High potential areas within Project activities are being studied and cleared. Wataynikaneyap has retained an archaeologist to assist with any incidental finds.
Permit to Take Water (PTTW)	A PTTW may be required if water taking (surface or ground water) is in excess of 50,000 L/day from a given source. This water may be needed for camp systems, to construct ice roads or used as a dust suppression.	PTTW applications have been submitted to MECP for the 2020-2021 winter season. First Nation engagement to be organized.
Blasting Permit	Required where the line routing and access trails intersect with unfavourable (steep and rocky) terrain.	Blasting notifications have been issued to stakeholders
Geotechnical Exploration and Permit To Take Water (PTTW)	Required for geotechnical sampling for tower and substation foundations	Geotechnical permits were approved Nov 2019 and Jan 2020. Test pitting and drilling is underway.
Burn Permits	Required if timber from the cleared right of way is to be burned.	Approved for the 2020—2021 burn season. Burning may begin Oct. 15, 2020 with favourable weather conditions.
Encroachment, Entrance & Signage Permits	Required for any installation or work upon, under or within the limits of a provincial highway right-of-way.	In progress, being submitted to the Ministry of Transportation (MTO) as required.

¹ It is noted that the First Nations entered into a treaty relationship with the Crown within the spirit and intent of Indigenous Peoples understanding based on respect, friendship and mutuality. It is always understood that there would be sharing of lands and resources. Any references to Crown Land are without prejudice to the positions of First Nations in relation to Treaty and Aboriginal rights.



Wataynikaneyap Power Transmission Project

Work Areas (Sept 2020 - Nov 2020)

Created By: vng
Job #: 67776090962

Reviewed By: BMacDonald
Revision: 0
Date Issued: 8/18/2020

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Valard Construction, was selected by Wataynikaneyap Power to provide engineering, procurement and construction (EPC) solutions for the Wataynikaneyap Power Transmission Project in Northwestern Ontario, Canada.

The scope of work on the project consists of EPC services for more than 1,600 kilometers of transmission and distribution infrastructure ranging in voltage from 25 kV to 230 kV and 22 substations. Valard created this newsletter to provide regular updates on construction activities for the 24 First Nation communities.

Three-Month Lookahead – Field Activities Proposed schedule as of July 15, 2020

Period: August 1, 2020 to October 31, 2020

Note: Subject to change based on field conditions.

Group 1 – Transmission Lines

Activity		Detail
	<p>Camp Mobilization and/or Installation</p>	<ul style="list-style-type: none"> • Sioux Lookout operational as of June 1, 2020 • Slate Falls Nation operational as of July 24, 2020 • Pickle Lake operational as of February 18, 2020
	<p>Survey</p>	<ul style="list-style-type: none"> • Set survey control points (Starting activity of all survey operations) • Flagging Right-of-Way (ROW) clearing limits • Measure existing powerline heights • Locate existing underground utilities • Work area Dinorwic to Pickle Lake

Group 1 – Transmission Lines

Activity

Detail



Clearing and Access

- Clearing and Access development
 - * Falling trees
 - * Raking and piling of trees
 - * Installing/removing watercourse crossings
 - * Access matting and trail building
- Work area Dinorwic to Pickle Lake



Construction

- Geotechnical (soil analysis) investigation by test pitting and drilling of boreholes
- Tower foundation installation
 - * Excavating
 - * Rock drilling
- Assembly of steel towers
- Erection of assembled towers
- Work area Dinorwic to Pickle Lake



Environment

- In advance of and during construction activities watercourses and environmentally sensitive areas are flagged and monitored; focusing on erosion, sediment control and spill responses
- Migratory bird nest sweeps ahead of clearing and construction activities
- Archeological assessments
- Work area Dinorwic to Pickle Lake

Group 1 – Substations

Activity	Detail
	<p style="text-align: center;">Survey/Clearing</p> <ul style="list-style-type: none"> • Setting Control points to start surveying • Flagging and inserting stakes in the ground to outline work area • Clearing and access development • Substations Work Area: <ul style="list-style-type: none"> * A (Dinorwic) * B (Pickle Lake)
	<p style="text-align: center;">Construction</p> <ul style="list-style-type: none"> • Civil and foundation construction • Ground Grid • Substations Work Area: <ul style="list-style-type: none"> * A (Dinorwic) * B (Pickle Lake)

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Group 2 – Transmission Lines

Activity		Detail
	<p>Camp Mobilization and/or Installation</p>	<ul style="list-style-type: none"> • Pickle Lake operational as of February 18, 2020 • Pipestone operational as of June 12, 2020
	<p>Survey</p>	<ul style="list-style-type: none"> • Set survey control points (Starting activity of all survey operations) • Flagging Right-of-Way (ROW) clearing limits • Measure existing powerline heights • Locate existing underground utilities • Work area <ul style="list-style-type: none"> * Pickle Lake to Pipestone * Pipestone to Kingfisher Lake First Nation * Pipestone to North Caribou Lake First Nation

Group 2 – Transmission Lines

Activity		Detail
	<p>Clearing and Access</p>	<ul style="list-style-type: none"> • Clearing and Access development <ul style="list-style-type: none"> * Falling, raking and piling of trees * Installing/removing watercourse crossings • Work area <ul style="list-style-type: none"> * Pickle Lake to Pipestone * Pipestone to Kingfisher Lake First Nation * Pipestone to North Caribou Lake First Nation
	<p>Construction</p>	<ul style="list-style-type: none"> • Geotechnical (soil analysis) investigation by test pitting and drilling of boreholes • Tower foundation installation <ul style="list-style-type: none"> * Excavating * Rock drilling • Assembly of steel towers • Erection of assembled towers • Work area <ul style="list-style-type: none"> * Pickle Lake to Pipestone * Pipestone to Kingfisher Lake First Nation * Pipestone to North Caribou Lake First Nation
	<p>Environment</p>	<ul style="list-style-type: none"> • In advance of and during construction activities watercourses and environmentally sensitive areas are flagged and monitored; focusing on erosion, sediment control and spill responses. • Migratory bird nest sweeps ahead of clearing and construction activities • Archeological assessments • Work area <ul style="list-style-type: none"> * Pickle Lake to Pipestone * Pipestone to Kingfisher Lake First Nation * Pipestone to North Caribou Lake First Nation

Group 2 – Substations

Activity	Detail
	<p>Survey/Clearing</p> <ul style="list-style-type: none"> • Setting Control points to start surveying • Flagging and inserting stakes in the ground to outline work area • Substations work area: <ul style="list-style-type: none"> * C (Ebane/Pipestone) * D (North Caribou Lake First Nation) * F (Bearskin Lake First Nation) * J (Kingfisher Lake First Nation)
	<p>Geotech</p> <ul style="list-style-type: none"> • Drill Boreholes at substation sites to determine soil properties, depth to rock • Substations work area: <ul style="list-style-type: none"> * D (North Caribou Lake First Nation)
	<p>Construction</p> <ul style="list-style-type: none"> • Civil and Foundation Construction. • Substations Work Area: <ul style="list-style-type: none"> * C (Ebane/Pipestone)

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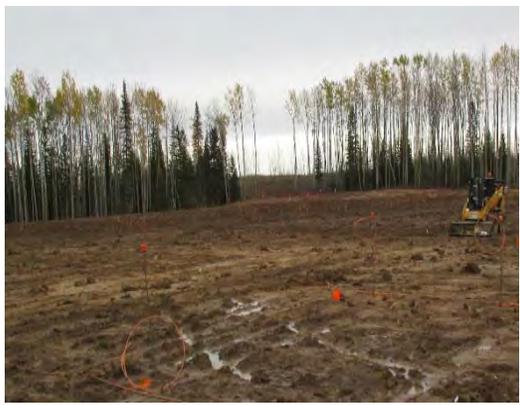
Group 3 – Transmission Lines

Activity	Detail
	<p>Camp Mobilization and/or Installation</p> <ul style="list-style-type: none"> • Poplar Hill First Nation • Deer Lake First Nation • Substation Z—Sandy Lake First Nation Junction • North Spirit Lake First Nation
	<p>Survey</p> <ul style="list-style-type: none"> • Set survey control points (Starting activity of all survey operations) • Measure existing powerline heights • Locate existing underground utilities • Work area <ul style="list-style-type: none"> * Red Lake * Deer Lake First Nation to North Spirit Lake First Nation

Group 3 – Transmission Lines

Activity		Detail
	<p>Clearing and Access</p>	<ul style="list-style-type: none"> • Clearing and Access development <ul style="list-style-type: none"> * Scouting and planning for hand clearing program • Work area <ul style="list-style-type: none"> * Red Lake * Deer Lake First Nation to North Spirit Lake First Nation
	<p>Construction</p>	<ul style="list-style-type: none"> • Geotechnical (soil analysis) investigation by test pitting and drilling of boreholes • Tower foundation installation <ul style="list-style-type: none"> * Excavating * Rock drilling • Work area <ul style="list-style-type: none"> * Red Lake
	<p>Environment</p>	<ul style="list-style-type: none"> • In advance of and during construction activities watercourses and environmentally sensitive areas are flagged and monitored; focusing on erosion, sediment control and spill responses • Migratory bird nest sweeps ahead of clearing and construction activities • Archeological assessments • Work area <ul style="list-style-type: none"> * Red Lake * Deer Lake First Nation to North Spirit Lake First Nation

Group 3 – Substations

Activity		Detail
	<p>Survey/Clearing</p>	<ul style="list-style-type: none"> • Setting control points to start surveying • Flagging and inserting stakes in the ground to outline work area • Substations Work Area: <ul style="list-style-type: none"> * P (Red Lake)
	<p>Geotech</p>	<ul style="list-style-type: none"> • Drill Boreholes at substation sites to determine soil properties, depth to rock • Substations Work Area: <ul style="list-style-type: none"> * P (Red Lake)
	<p>Construction</p>	<ul style="list-style-type: none"> • Civil and foundation construction • Substations Work Area: <ul style="list-style-type: none"> * P (Red Lake)

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