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November 11, 2022

RESS & EMAIL

Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Attention: Nancy Marconi, Registrar

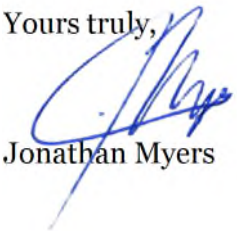
Dear Ms. Marconi:

Re: EB-2022-0149: Wataynikaneyap Power LP ("WPLP") – Application for Approval of 2023 Electricity Transmission Rates – Response to OEB Decision on Confidentiality of October 31, 2022

On October 31, 2022, the Ontario Energy Board (OEB) issued a decision on confidentiality in the above-referenced proceeding (the "Decision on Confidentiality"). The Decision on Confidentiality concerned, among other things, WPLP's request for the confidential treatment of certain information contained in a quarterly report prepared by WPLP's Owner's Engineer, Hatch, which was provided as Attachment 1 to HONI-11 (the "Hatch Quarterly Report"). The OEB found that certain sections in the Hatch Quarterly Report for which confidential treatment was requested are not confidential. Accordingly, the OEB ordered WPLP to file a revised version of its response to HONI-11, consistent with the findings in the Decision on Confidentiality.

WPLP is therefore providing, in **Attachment 1** hereto, a revised version of the Hatch Quarterly Report consistent with the findings in the Decision on Confidentiality.

Yours truly,



Jonathan Myers

cc: Ms. Margaret Kenequanash, WPLP
Mr. Duane Fecteau, WPLP
Mr. Charles Keizer, Torys

Attachment 1

Updated Appendix 'A' to HONI-11: Hatch Quarterly Report

CONFIDENTIAL

Quarterly Report [June 2022]

H353781-00000-200-230-0011

				Sharma, Varun		
2022-08-15	0	For Use	Hatch Team	V. Sharma for S. Selvarajah	D. Peckover	-
DATE	**REV.**	**STATUS**	**PREPARED BY**	**CHECKED BY**	**APPROVED BY**	**APPROVED BY**
HATCH						**Wataynikaneyap Power**

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1. Introduction

This report provides an overview of the Wataynikaneyap Power Transmission Project ("Project") activities during the reporting period. This report does not list various details as these are expected to be provided in the corresponding reports from the EPC Contractor (Valard Construction LP ("Valard")).

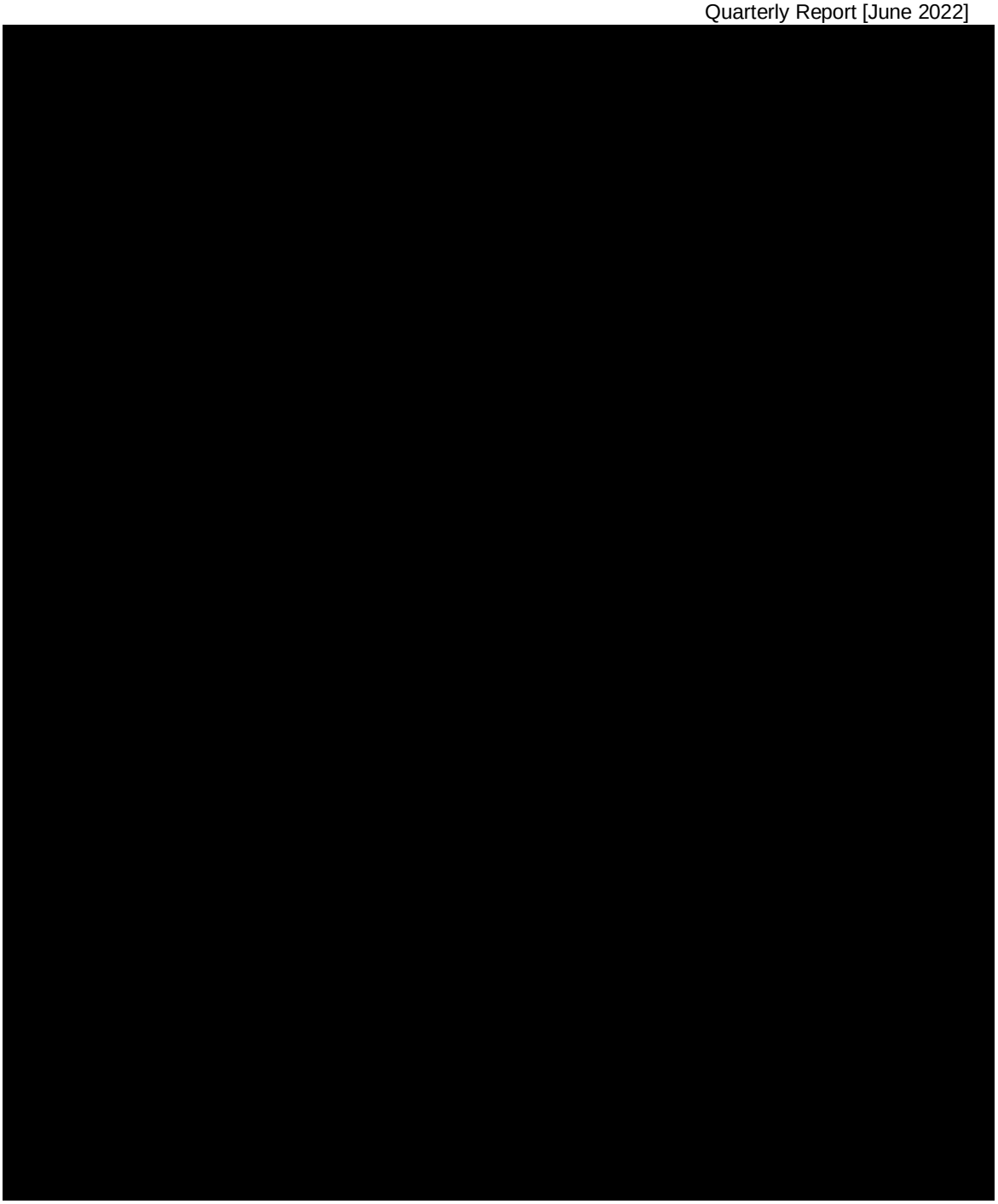
The reader should review historical Hatch Quarterly Reports for additional information for completeness. While some information or activities from other reporting period have been included this report does not include all historical information.

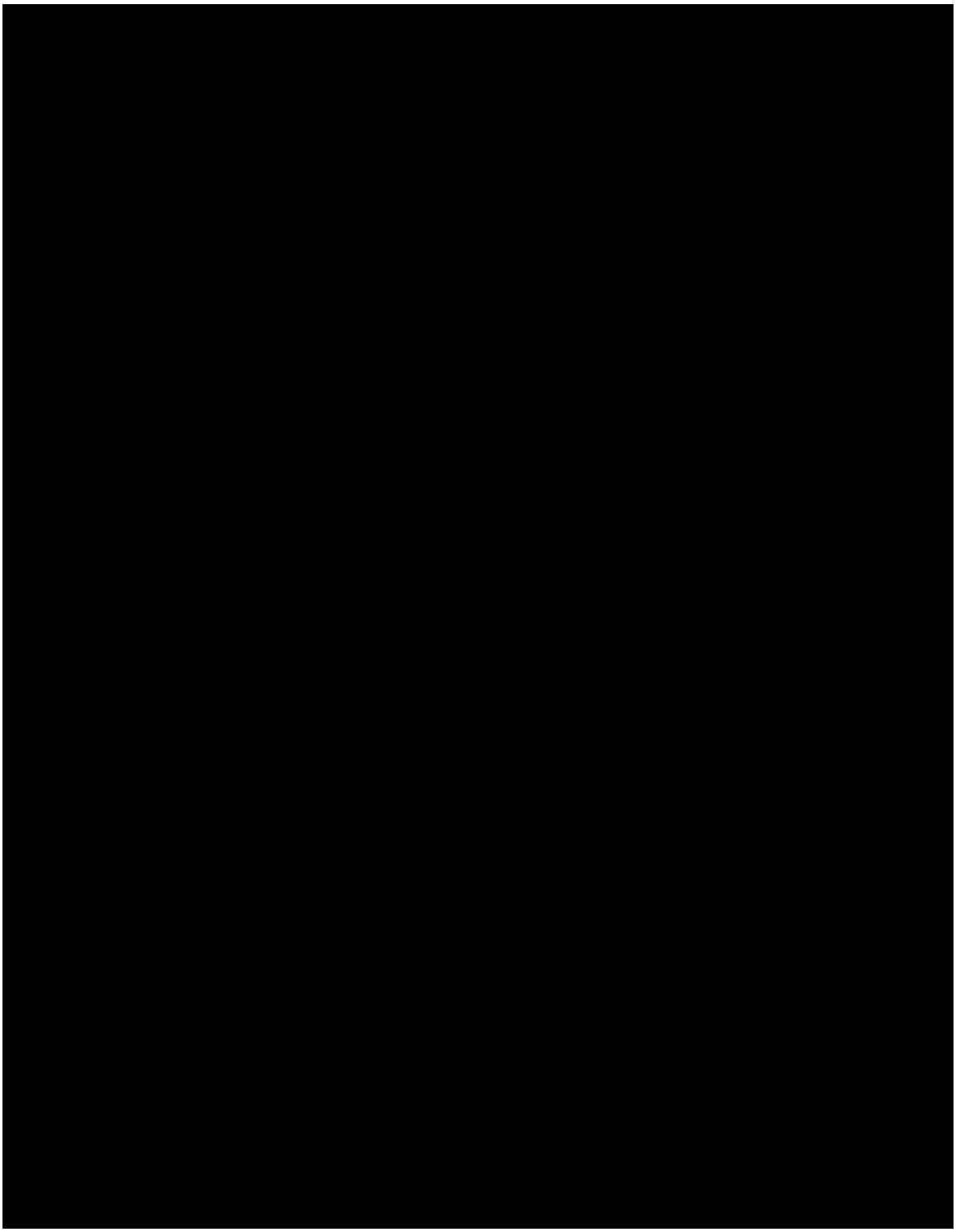
2. Key Achievements in this Period

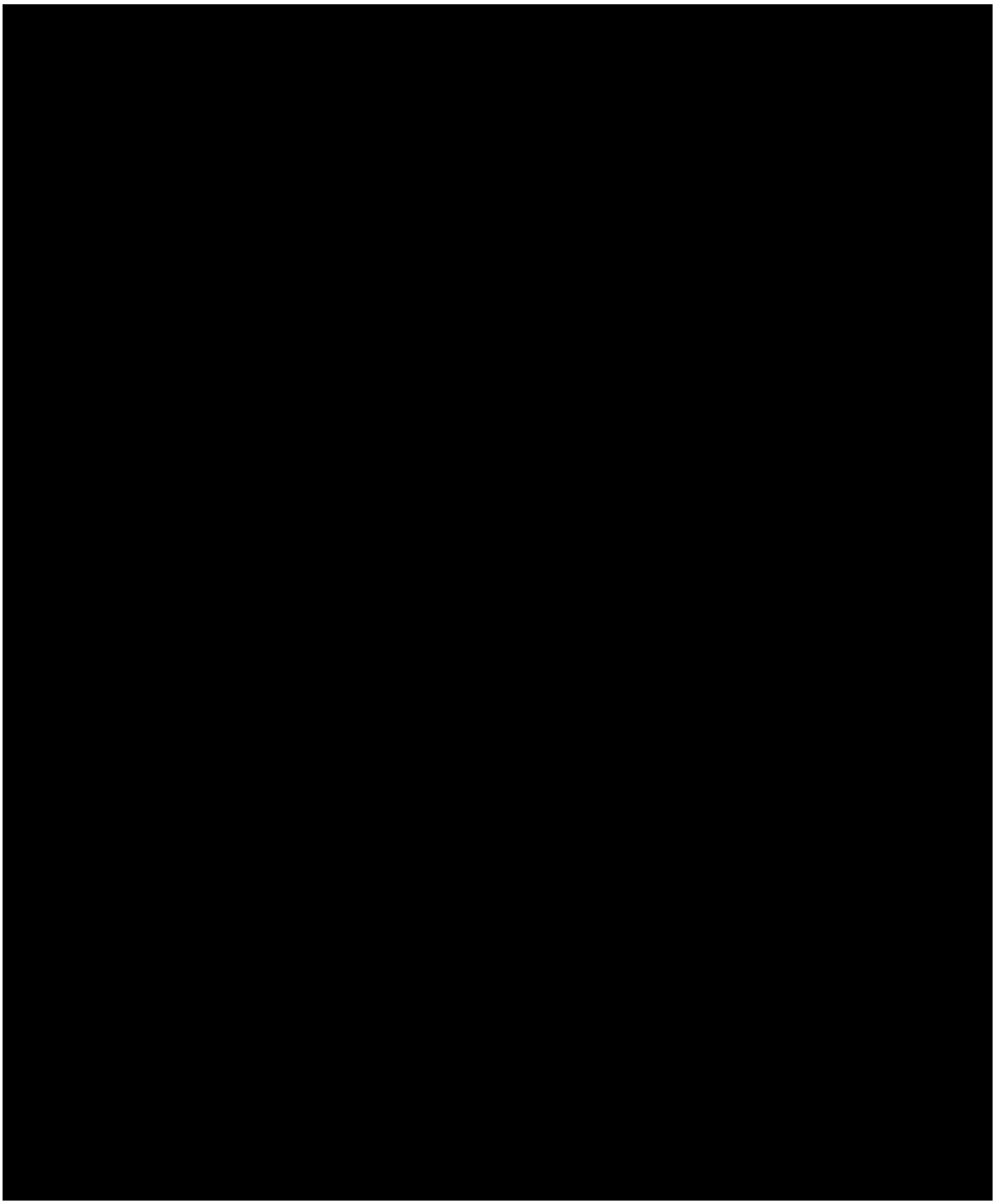
Date	Milestone
April 7, 2022	Connection between Hydro One station at Dinorwic and Substation A established.
April 23, 2022	Stringing completed in Group 1.
April 23, 2022	Substation Geotech Completed.
April 30, 2022	Stringing completed on line BC.
May 20, 2022	Hatch issues RFP for Inspection, Maintenance and Emergency Response ("IM&ER") Services to three (3) proponents.
May 31, 2022	Valard provides a new schedule update, taking into account: COVID-19, Whitefeather forest delays, forest fires and Whitefeather Notice No. 5.
June 3, 2022	End to end testing Substation A to Substation B.
June 13, 2022	Line C3W connecting HONI Pickle Lake and Substation B strung.
June 14, 2022	Substation A final walkdown.
June 15, 2022	Substation B final walkdown.
June 17, 2022	IM&ER proposal due date.
June 22 to 24, 2022	Meeting with Valard, Agreement reached on APP and COVID-19 direct costing methodology for testing, quarantine and vaccination costs.

3. Key Outstanding Issues

The key outstanding issues, as of the date of this report, are as follows:







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4. About the Project

4.1 Background

In Ontario, there are thirty-two (32) remote communities with electricity generation and distribution systems that are not connected to the provincial transmission grid. Of these, twenty-five (25) are recognized Indigenous communities in Northwestern Ontario. Wataynikaneyap Power was formed to connect the remote Indigenous communities currently powered by diesel generation to the electrical grid.

Wataynikaneyap Power means “line that brings light” in Anishiniiniimowin, named by the Elders who provided guidance to the partners.

The Project will connect seventeen (17) of its twenty-four (24) Participating First Nations communities to the provincial transmission grid. Seven (7) of the communities are already connected to the grid.

The communities are dispersed along an 800 km arc starting from approximately 90 km north of Red Lake to about 160 km east to Pickle Lake. None of the communities north of Red Lake and Pickle Lake have access to all-season transportation or utility corridors. The average distance separating these communities is approximately 60 km, with distances ranging between 20 km and 90 km.

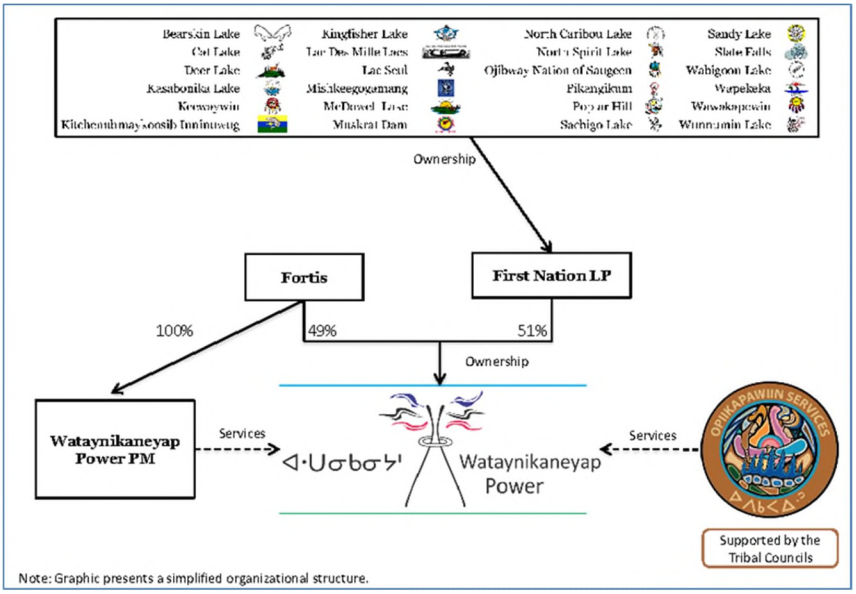
Wataynikaneyap Power will develop, own, and operate approximately 1,800 km of 230 kV, 115 kV, 44 kV and 25 kV lines in Northwestern Ontario. Connection of sixteen (16) communities is part of this of the current EPC phase. McDowell Lake First Nation will be connected at a later date and through a separate process.

4.2 Partnership

Wataynikaneyap Power is a licensed transmission company regulated by the Ontario Energy Board (“OEB”), and majority-owned by a partnership of twenty-four (24) First Nations communities (51%) in partnership with Fortis Inc. and other private investors (49%). FortisOntario has a 49% interest in the general partner of Wataynikaneyap Power GP, while the twenty-four (24) Participating First Nations communities equally hold the remaining 51% interest in 2472881 Ontario Limited. The twenty-four (24) Participating First Nations communities will retain their ability to increase their ownership to 100% over time.

First Nation LP (“FNLP”) facilitates Indigenous engagement, participation, training, and provides other services to the Project through Opiikapawiin Services LP (“OSLP”). Tribal Councils and First Nation Councils have played a key role in moving this Project forward; these Councils will continue to play a key role in supporting this Project.

FortisOntario also owns 100% of Wataynikaneyap Power PM Inc. (“WPPM”).



4.3 Guiding Principles

The following Guiding Principles, as approved by the leadership of the Participating First Nations, will be adhered to throughout the Project.

Our people expect that the Wataynikaneyap Power Transmission Project will be undertaken in a manner that respects our lands, rights and principles; our way of life on the land and as part of the land; and our land sharing protocols.

Our sacred responsibilities given to us by the Creator are to protect the land, which protects us in return. Therefore, the Project shall be built, operated and maintained in a way that minimizes adverse environmental impacts, as follows:

- The Project shall not poison the lands.
- No herbicides shall be used throughout the life of the transmission line to control vegetation.
- The Project shall be constructed, operated and maintained in a manner that observes and does not interfere with seasonal hunting, trapping, fishing and harvesting and keeps disturbances to a minimum.

- No new transmission lines shall be located underwater.
- The Project will develop and implement an environmental and social management plan which will include acceptable and effective mitigation measures for any sacred sites, gathering sites, and harvesting sites.
- The Project shall respect confidentiality and comply with any conditions of use for any Traditional Land and Resource Use information provided by the communities, including intellectual property.
- Our communities must maintain decision-making and ownership and receive benefits in the Project.

5. Safety

This topic is covered under other reports from Wataynikaneyap Power and Valard. The Wataynikaneyap Power safety reports, for the months of April, May and June of 2022, are located in Appendix B.

Wataynikaneyap Power and Hatch raised six (6) E-14 Health and Safety observations in this quarter. Refer to Section 11.1.1 for the details of the safety observations made this month.

Refer to Appendix C for a log of E-14 findings.

6. Quality

Hatch has conducted four (4) audits on the project to date. These audits covered Valard's quality system, engineering, procurement and construction. The most recent audit was conducted on May 31, 2022, covering quality management, with a specific focus on tree clearing processes. The report is still in-progress as of the end of the reporting period, but early drafts contain several non-conformances. There are no major items remaining outstanding from previous audits.

Hatch is currently working with Valard to schedule the rest of the three (3) audits for 2022.

6.1 Quality in Engineering and Design

Valard is the Engineer of Record ("EoR"). As such, meeting the Project requirements for design and specifications remains Valard's responsibility. However, due diligence is required to monitor that Valard is meeting those obligations.

The next planned audit will cover engineering processes.

6.2 Quality in Procurement

Valard is responsible for management of quality in the procurement cycle. Appropriate due diligence (including review of Inspection and Test Plans ("ITP") and witnessing tests) is required by Wataynikaneyap Power-Hatch to monitor Valard's compliance to these requirements.

The details of activities are provided in the Engineering section (Section 9) of this report.

Hatch performed an audit of Valard's procurement processes on June 8, 2021. No non-conformances were found; the report is being reviewed by Wataynikaneyap Power.

6.3 Quality in Construction

Valard is responsible for management of quality in the construction activities. Appropriate due diligence (including review of quality reports and field inspections) is required by Wataynikaneyap Power-Hatch to monitor Valard's compliance to these requirements.

Hatch's field inspectors are deployed in the field to monitor Valard's compliance to quality in construction. In Q4 2021, Hatch completed nineteen (19) E-14B quality observations; one (1) was compliant.

Refer to Section 11.1.3 for details of these observations.

Refer to Appendix C for a log of E-14Bs.

7. Supporting First Nations Engagement Efforts

Key support efforts related to First Nations engagement during Q2 2022 include the following:

Indigenous Participation Commitments:

- Updated review summaries of Valard's Indigenous Participation ("IP") Reports for leadership of reports dated December 2021, January 2022 and February 2022 (in April 2022); March 2022 (in May 2022); and April 2022 (in June 2022).
- Each month reviewed the previous month's submission of Valard's IP Report and prepared leadership summary.
- Prepared and issued updates to the Indigenous Communication Management Plan ("ICMP") weblinks.
- Finalized RFIs for release, including request for clarifications on the January 2021 IP Report (HATCH-VAL-RFI-0553) and provided commentary on the quality control of IP Reports in general (HATCH-VAL-RFI-0554).

Participated in a monthly conference call with Wataynikaneyap Power, Opiikapawiin and Valard regarding Employment, Training and Business.

Participated in conference calls with Wataynikaneyap Power, Opiikapawiin and Valard on April 5, 2022, and May 11, 2022 to walk through the IP review process, matrix and leadership summary.

Reviewed and provided input into subcontractor review process.

Provided feedback and input to address inquiries for Wataynikaneyap Power, Opiikapawiin and Valard.

IM&ER RFP Process

Participating in planning sessions with Wataynikaneyap Power and reviewed and developed material regarding the RFP. Participating in planning sessions with Wataynikaneyap Power on April 4, 6, 13 and 21, 2022.

Participating in a review session on June 24, 2022 with Wataynikaneyap Power and Opiikapawiin regarding submissions to the RFP.

8. Environmental and Permitting

8.1 Environmental

Key environmental items completed during Q2 of 2022 include the following:

- Valard reported twenty-five (25) spills that occurred during the reporting period.
- Hatch Inspectors performed twelve (12) environmental inspections during the reporting period.

On February 10, 2022, a reportable spill was communicated by Valard at Substation P (Red Lake). A generator on site was leaking diesel fuel atop of a gravel pad adjacent to the substation. The spill volume was between 2,000 and 3,000 L. Valard has reported the incident to the Ministry of the Environment, Conservation and Parks (“MECP”) spills hotline.

Valard is working under direction from Wataynikaneyap Power’s insurance company. Hatch inspectors made observations that melt water was at high levels with forecasted precipitation in the evening. Based on these observations, Valard mobilized a vacuum truck to pump out the excavation into sealed totes.

TBT, Valard’s environmental consultant, wrote a report that Valard shared with Wataynikaneyap Power summarizing clean-up activities to date and providing recommendations for next steps. Hatch Qualified Persons provided a third-party review and the report was accepted by Wataynikaneyap Power and submitted to the MECP. The MECP has outlined reporting requirements that are in line with the plan put forward to the MECP. The insurance company has approved the plan and remediation activities began the week of July 4, 2022.

TBT will apply a granular Microbiate SG^{tm} beneath the structure and along the east side of the structure where full excavation could not be completed. TBT is working with Valard to locate and install a permeable reactive barrier made from granular activated carbon down gradient of the spill location. Once installed the excavation will be backfilled with approximately 657 cubic metres of soil and will be compacted from the top of the soil. There will be seven (7) monitoring wells surrounding the excavation and down gradient of the property border to be tested every two (2) months when available (unfrozen ground conditions). Further decisions on monitoring frequency will be based on 2022 monitoring results.

Separately, multiple incidences of errors in RoW cutting have been observed on the project. One of which Valard self reported to the MNRF and Wataynikaneyap Power in line WVY. Valard has completed engagement with the North Spirit Lake community to gain support for re-routing the design to match the cleared RoW. The second incident was located in line WTZ and was captured during an MNRF compliance inspection. Preliminary information suggests that the Valard RoW crews cleared two (2) RoWs, one matching a past design and one matching the current design. Valard has completed First Nation engagement with the impacted communities and no further concerns were noted. Additional clearing errors occurred on reserve areas in Sachigo Lake and North Caribou Lake communities. In both instances Valard has completed engagement with the communities regarding the incidents and the Project design in the area remained unchanged.

In March 2022, a Wataynikaneyap Power representative participated in a joint helicopter inspection of the entirety of the Project footprint to audit clearing activities complete to date. The inspection also reviewed access road locations and cross referenced the information with permitted access. A number of the unidentified access roads are believed to be installed by community land users; however, the access features have been advanced for permitting. A RFI has been generated to request Valard provide an update regarding the construction, permitting and engagement status on these access roads. Valard has made efforts to permit any access points created without Project Management knowledge. A further MNRF inspection was completed jointly with Valard the week of April 11, 2022. The MNRF has not yet provided comments on results of the inspection but have indicated no major concerns were noted.

Refer to Section 11.1.2 for environmental observations (E-14A forms) made in the field during the reporting period and Appendix C for a list of all E-14A forms issued for the duration of the Project.

8.2 Permitting

Throughout the reporting period, the Wataynikaneyap Power-Hatch-Valard team participated in several regular meetings including internal weekly in-depth updates and weekly touch-in

calls with the MNRF and as-needed calls with the MECP to discuss ongoing issues and overall progress.

Aeronautical Assessments/Tower Lighting

Letters of acceptance and Aeronautical Assessment Forms have been received from NavCanada and Transport Canada for all sites. Transport Canada has indicated that individual airports will reach out if there are further concerns. Additional marker balls are being installed adjacent to the Red Lake airport related to requests made by a nearby float plane operator. Float plane concerns have also been raised by an operator adjacent to North Caribou Lake airport (Round Lake airport).

A meeting was held between Wataynikaneyap Power, Valard, MTO Northern Airport division and NAV Canada to walk through concerns held by the airport operator at Round Lake Airport (North Caribou First Nation) on June 30, 2022. The MTO believes that some of the towers near several airports need to have lights or be painted (or both); discussion will continue between all parties.

Permits

Permits received in Q2 2022, are listed in Appendix D.

8.3 Land

[redacted]

[redacted]

9. Engineering

Refer to the Appendix G (Watay-Hatch RFIs) and Appendix H (Valard RFIs) for the RFI logs that list various ongoing or completed technical clarifications.

Refer to Appendix I for list and status of various drawings and documents.

9.1 Transmission Lines

The following design documents have been reviewed and issued to Valard in Q2, 2022.

Review of marker ball tables of the following segments is ongoing.

- AB, EG, JK, RT, TZ, VY, ZV, CJ

Review of structure list of the following segments is ongoing.

- AB, CD, EG, J1, P1P1, TU, VY

The following documents have been reviewed and returned to Valard.

- E353781-LJ101-230-250-2001 Plan View – 25kV Segment J1
- E353781-LKM01-230-250-3001 Stringing Chart – Conductor
- E353781-LKM01-230-250-3002 Stringing Chart – OPGW & OHSW
- E353781-LMM21-230-250-3001 Stringing Chart
- E353781-LL101-230-250-3001 Stringing Char
- E353781-LP1P1-230-250-3001 Stringing Chart – Conductor
- E353781-LP1P1-230-250-3002 Stringing Chart – OHSW & OPGW
- E353781-LP1P1-230-250-3002 Stringing Chart – OHSW & OPGW
- E353781-LZW01-230-250-3002 Stringing Chart – OPGW & OHSW
- E353781-LZW01-230-250-3002 Stringing Chart – OPGW & OHSW
- E353781-LJ101-230-250-3001 Stringing and Sag Tension Charts J1 Conductor
- E353781-LE101-230-250-2001 Plan & Profile Segment E

Assembly Drawings

The following documents have been reviewed and returned to Valard.

- E353781-LP1P1-230-250-6001 115 kVTransmission Line Bell Fibre Interconnection Fibre Route and Design
- E353781-L0001-230-250-2117 Assembly 115-D4 Drake Dead-end Insulator
- E353781-L0001-230-250-2120 Assembly 115-Wqr-001 Hawk Dead-end Insulator
- E353781-L0001-230-250-2121 Assembly 115-Qbyp-S1 Dead-end Insulator
- E353781-L0001-230-250-2122 Assembly 115-Wpq-1081 Dead-end Insulator Assembly

- E353781-L0001-230-250-2007 Assembly 230-D3 Deadend Insulator For A-Frame
- E353781-L0001-230-250-4018 QR Bypass
- E353781-LP1P1-230-250-6001 115 KV Transmission Line Bell Fibre Interconnection Fibre Route and Design
- E353781-L0001-230-250-2117 Assembly 115-D4 Drake Deadend Insulator

Structure Drawings

- E353781-LDE01-340-270-0001 - 22.59m 115kV H-Frame For Segment WDE Tangent Structure
- E353781-L0001-230-250-1110 Sub02 115 kV Steel Pole Bypass WQR-001A, WQR-001B, WQR-001C

Hardware Type Test

N/A

Manufacturer Evaluation

N/A

Inspection and Test Plan Review

- E353781-L0001-220-051-0110 Sub01 Inspection & Test Plan
- E353781-L0001-340-051-0001 Sub01 Inspection & Test Plan
- E353781-L0001-340-051-0002 Sub01 Inspection & Test Plan
- E353781-L0001-340-051-0004 Sub01 Inspection & Test Plan
- E353781-DE01-340-051-0001 Inspection & Test Plan, Nova Pole

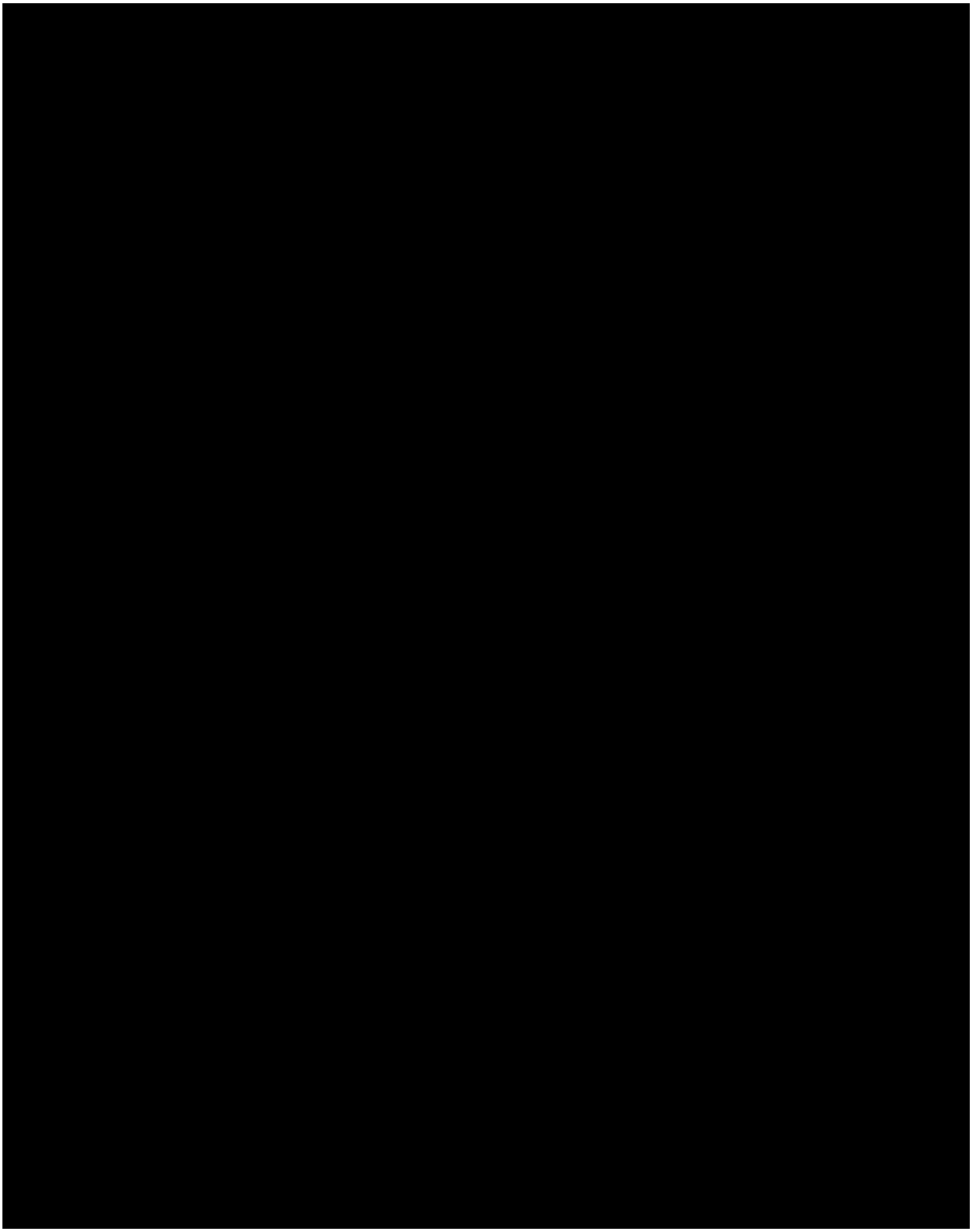
Key RFIs

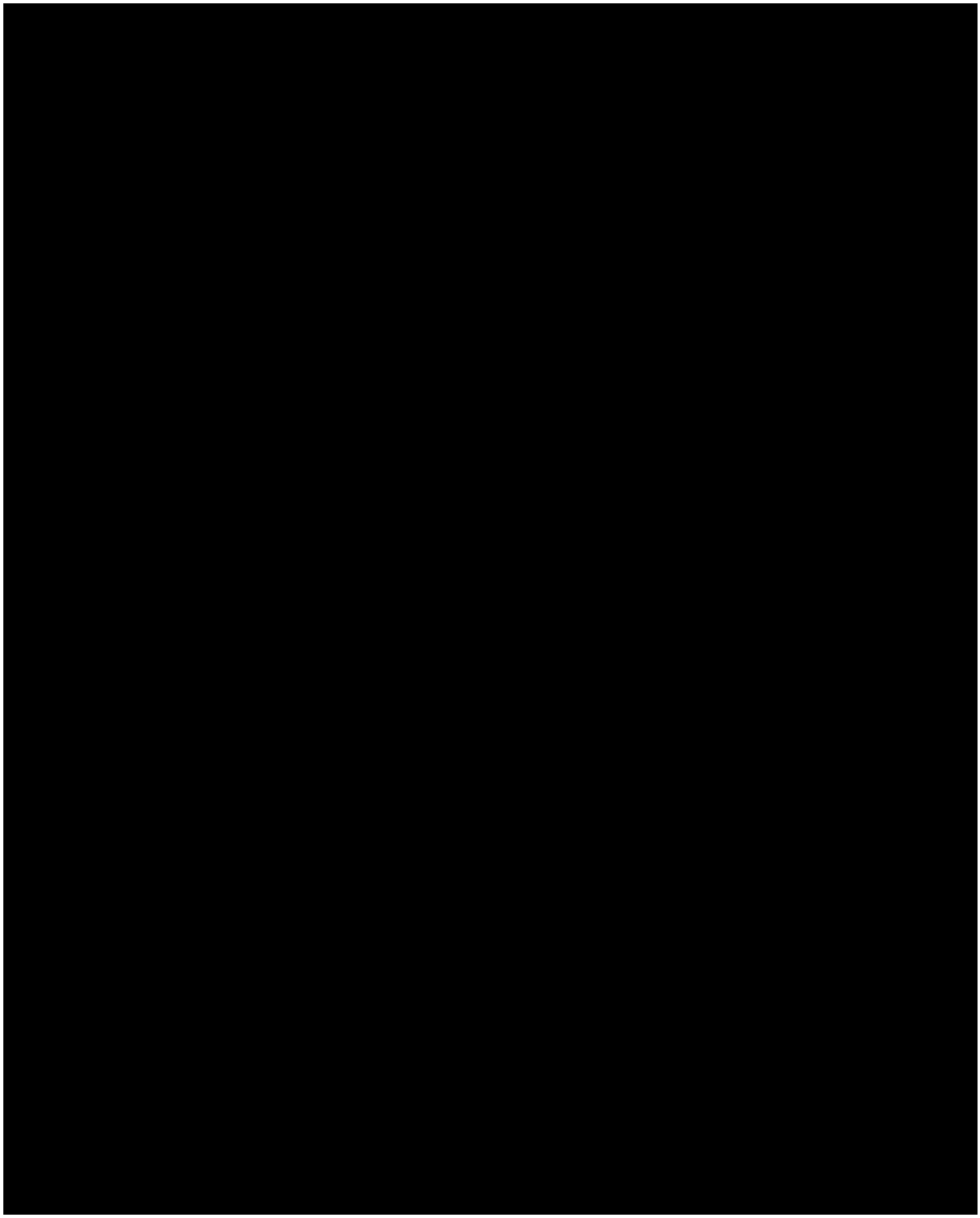
- VAL-HATCH-RFI-0472: W54W/AB Transmission Lines As-Builts and Redlines List
- HATCH-VAL-RFI-0567: Watay Lines-List of Crossings with Aircraft Warning Marker Balls.

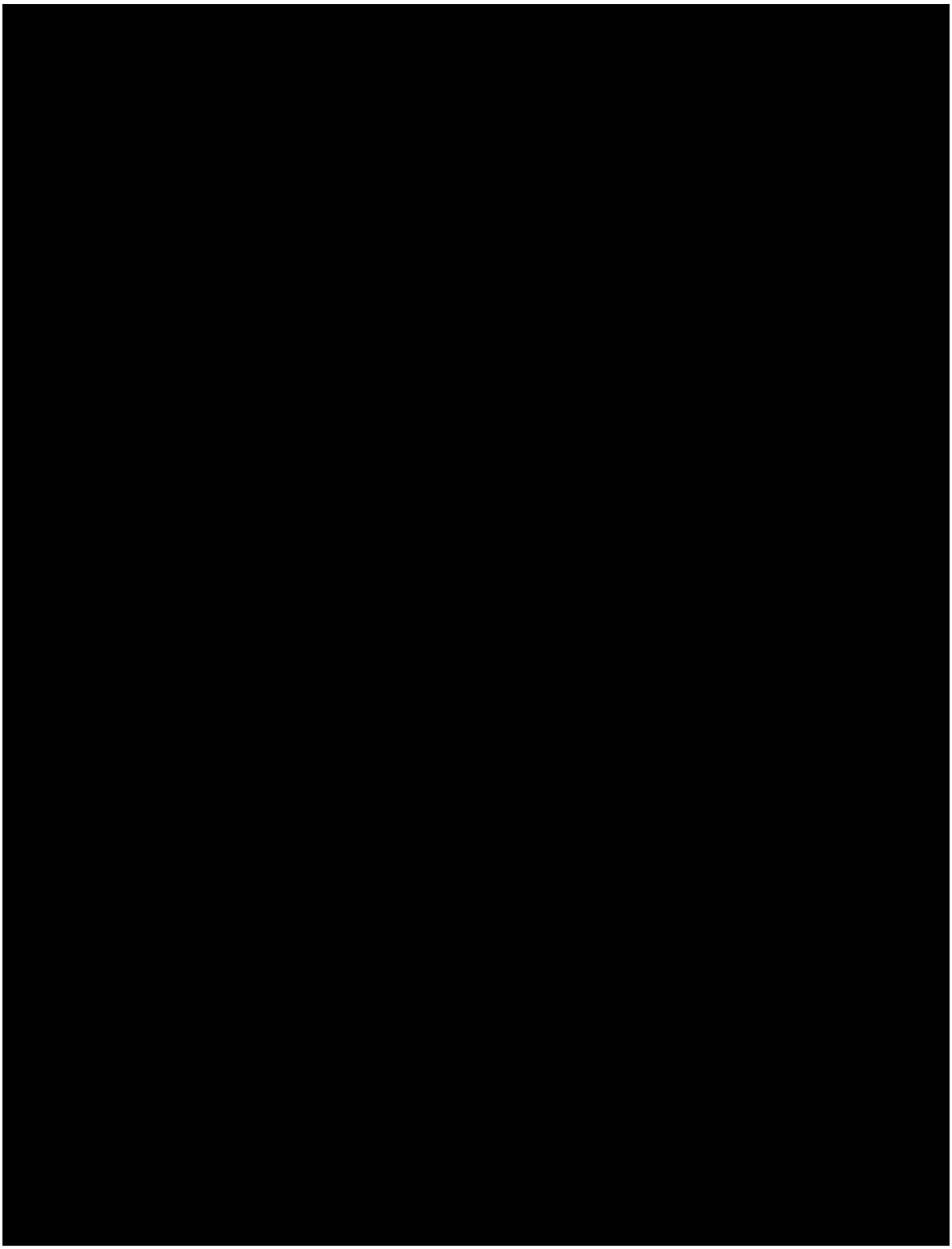
9.2 Substations Electrical

[redacted]

[redacted]







9.3 Civil and Structural Items

9.3.1 Transmission Lines

Documents

The following documents were reviewed and returned to Valard unless otherwise noted:

- Anchor Pull Test Procedure (1 document) (IFC)
- Anchor Pull Test Procedure (1 document) (Re-IFC)
- Guy Anchor (2-pipe, 3-pipe, etc.) Sample Calculations (1 document) (IFC)
- Mast Foundation Sample Calculation (1 document) (IFC)
- Self-supporting tower timber grillage foundation calculation (1 document) (IFC)

Drawings

The following drawings were reviewed and returned to Valard unless otherwise noted:

- Grouted Anchor, Single/2 Pipe/3-Pipe Anchor, Rock Anchors at Slopes, General Stiffener details for Pile Retrofits, Center Pin Rock Anchored and Micropile for WP-058 drawings (22 drawings) (IFC)
- Steel pipe anchor (single, 2-pipe, 3-pipe), stiffener details, micropile, mast on rock retrofits drawings (13 drawings) (IFC)
- Various 44kV Foundation drawings - direct embed, bucket pile (11 drawings) (IFC)
- Foundation Retrofit Drawings BC (18 drawings) (IFC)
- Foundation Retrofit Drawings AB (14 drawings) (As-Built)
- Foundation Retrofit Drawings AB (8 drawings) (As-Built)
- Foundation Retrofit Drawings AB (35 drawings) (As-Built)
- Foundation Retrofit Drawings AB (59 drawings) (As-Built)
- Pile As-Built Diagram AB-351 (2 drawings) (As-Built) - Under Review
- Steel Pipe Anchor and 115kV Direct Embed Pole (7 drawings) (IFC) – Under Review
- 25kV and 44kV Helical Anchor, Direct Embed Pole (4 drawings) (IFC) – Under Review.

9.3.2 Substation

Documents

The following documents were reviewed and returned to Valard unless noted otherwise:

- All Substations – Falcon Foundation Steel ITP (1document) (IFC)
- Substation A – Structural Design Criteria and Analysis Report (1 document) (IFC)

- Substation G – Geotechnical Report (1 document) (IFC)
- Substation G – Geotechnical Report (1 document) (Re-IFC)

Drawings

The following drawings were reviewed and returned to Valard, unless noted otherwise:

- All Substations – Shims and Stiffener Plate Details for Control Buildings (1 drawing) (IFR)
- All Substations – Control building foundation retrofits (1 drawing) (IFC) – Under Review

Substation A

- Shell Fabrication drawings (5 drawings) (IFC)
- Structural steel shop drawings (177 drawings) (IFC) – Under Review

Substation B

- Structural steel shop drawings (279 drawings) (IFC)

Substation C

- Nova Lightning pole drawings (5 drawings) (IFC)

Substation D

- Drilled pipe pile (“DPP”) and other cast-in-place (“CIP”) foundation drawings (7 drawings) (As-Built) – Under Review

Substation E

- Structural steel sealed shop drawings and layout (164 drawings) (IFC)

Substation G

- Control Building Stair Platform and Stringer Foundation Pads (1 drawing) (IFC)
- Site Layout drawing (1 drawing) (IFC)

Substation J

- Nova Lightning Pole Drawings (5 drawings) (IFC)

Substation K

- Foundation elevation drawings (3 drawings) (IFC) – Under Review
- Variable reactor and transformer containment pit drawings (6 drawings) (IFC) – Under Review
- Civil Drawings (3 drawings) (IFC)

Substation L

- Helical Pile and other cast-in-place Foundation Drawings (6 drawings) (IFC)
- Foundation elevation drawing (1 drawing) (IFC)

- Civil drawing package (12 drawings) (IFC) – Under review

Substation M

- Foundation Layout Drawing (1 drawing) (IFC)

Substation P

- Structural Steel Drawings (13 drawings) (As Built)
- Concrete pile and other cast-in-place ("CIP") foundation drawings (6 drawings) (IFC) – Under Review

Substation R

- Mast Foundation on Rock and other CIP foundation drawings (6 drawings) (IFR)
- Mast Foundation on Rock and other CIP foundation drawings (6 drawings) (IFC) – Under Review

Substation S

- Site Layout Drawing (1 drawing) (IFC)

Substation T

- Mast Foundation on Rock (1 drawing) (IFC)

Substation U

- Site Layout Drawing (1 drawing) (IFC)

Substation W

- Helical pile and other CIP foundation drawings (7 drawings) (IFC)

Substation Y

- Transformer Containment Pit and Step Drawings (5 drawings) (IFC)
- Transformer Containment Pit and Step Drawings (4 drawings) (IFR)
- Mast Foundation on Rock and other CIP foundation drawings (7 drawings) (IFC) – Under Review

Outstanding Items

- N/A

Key RFIs

- HATCH-VAL-RFI-0520: Transmission Line - Comments on Mast Foundation Calc. and Micropile Foundation calc. Response received from Valard on April 29, 2022. Review is ongoing.
- HATCH-VAL-RFI-0526: Placement of Control Building on Foundation Concrete Pier/Piles. Response received from Valard and RFI is closed.

- HATCH-VAL-RFI-0528: Justification on requirement of two and three pipe anchors - response received from Valard. Valard has submitted calculations through document control. After the reporting period, Hatch sent a new RFI seeking additional clarification on this matter.
- HATCH-VAL-RFI-0539: Substation B (HONI) - Supporting calculations for earthwork quantities. Response received from Valard and RFI is closed.
- HATCH-VAL-RFI-0540: As-Built drawings for substations. Response received from Valard and RFI is closed.
- HATCH-VAL-RFI-0541: Substation P - Stability of foundations due to excavation from oil spill. Response received from Valard. A follow up RFI (HATCH-VAL-RFI-0559) was sent. Valard has responded to this RFI. A follow up RFI (HATCH-VAL-RFI-0573) has been sent. After the reporting period, Valard submitted a response which was adequate.
- HATCH-VAL-RFI-0552: Substation All – Control building platform stair stringer and circuit breaker platform and stair support slabs – response received from Valard. Valard to resubmit the response with answers to Hatch's questions sent via email on April 20, 2022. Response was resubmitted by Valard and acceptable to Hatch. Responsibility lies with Valard's engineer-of-record for durability of slabs. A follow up RFI (HATCH-VAL-RFI-0572) was sent. Valard has responded. During a phone call with Valard, Valard was requested to look into other options of supporting the circuit breaker platforms instead of stacking two (2) 50 mm slabs one on top of other.

10. Procurement

Much of the Project equipment is being procured from outside Canada. Valard has advised that they are monitoring and engaging with their proposed suppliers regarding COVID-19. Delivery impacts are being monitored. To date, there have been three (3) notices issued by Valard, all driven by COVID-19 as it relates to delays in procurement:

1. Sa-Ra Supply – Lattice Towers
2. Major Equipment Delays – Substations
3. Foundation Grout

Sa-Ra Supply – Lattice Towers
At this time, Wataynikaneyap Power and Valard believe impact has been mitigated to an extent given construction delays.

Major Equipment Delays – Substations

On February 9, 2021, Valard issued a letter advising that they had received notifications from three (3) major substation equipment vendors regarding real and potentially further delay due to the COVID-19 Pandemic.

Valard continues to provide updates on this issue. As of April 15, 2022, no impact on the Project Schedule has been identified due to these issues. Wataynikaneyap Power and Valard are monitoring the situation. Valard has confirmed that any equipment that required transport via winter roads in 2022 has been delivered to its final delivery point.

Foundation Grout

To date, no impact on the Project Schedule has been identified due to this issue. Wataynikaneyap Power and Valard are monitoring the situation.

10.1 Transmission Lines

See Engineering - Transmission Lines section above for the changes to manufacturers. Deliveries to site thus far have included: anchor and foundation hardware, conductor reels for 230 kV and 115 kV, glass insulators, OPGW, guy wire, hardware and tower steel.

10.2 Substations

FAT testing has concluded for the project. Refer to Section 9.2 for details of previous tests.

11. Construction and Commissioning

There are seven (7) Hatch inspectors on rotation at the site. The inspectors are monitoring environmental, quality, progress and H&S as well as field verification of progress for invoicing. The inspectors are providing daily reports of their observations.

Hatch inspectors are performing periodic environmental spot checks under the direction of Wataynikaneyap Power and Hatch environmental personnel.

During Q2 2022, Hatch's safety inspector left the project to be replaced by Wataynikaneyap's internal personnel.

The below information is based on observations in the field by Hatch field inspectors and may not be an exact match to Valard's actual quantities.

11.1 Field Observations

Hatch's field and safety inspector report on findings of non-compliances in safety, environmental and quality.

Refer to Appendix C for a log of all observations and Valard's responses.

11.1.1 Safety Observations - E-14 Forms

E-14 forms are issued by Wataynikaneyap Power to Valard, with the expectation that Valard follows up as soon as possible to rectify a potential problem. The following six (6) E-14s were submitted.

- E-14-1158 No Fall Arrest Cat Lake Camp
- E-14-1203 Working at Dinorwic without compliance to Worker Protection Code
- E-14-1237 Rocks piled near structure AB-300 directly under the wire
- E-14-1238 No grounding or proper isolation method was in place at Sub B
- E-14-1256 Security at Junction camp not utilizing PPE when performing bag searches
- E-14-1267 Northwest Security worker at Junction Camp had no PPE available.

No E-14s were open at the end of the Quarter.

11.1.2 Environmental Observations - E-14A Forms

There were twenty-five (25) E-14A observations completed this quarter.

- E-14A-1154 Overflow drip trays Pickle Lake Camp
- E-14A-1156 Dinorwic Sub A non-compliances
- E-14A-1171 Damage to pavement on Hwy access BC-143
- E-14A-1177 Pipestone skids of motor oil not protected from traffic
- E-14A-1195 North Caribou non-compliances
- E-14A-1196 Red Lake non-compliances
- E-14A-1202 Pipestone Camp inspections
- E-14A-1204 Pickle Lake Main Camp
- E-14A-1205 AB garbage on RoW
- E-14A-1210 Oil stains on ground by diesel refueling tank
- E-14A-1211 No secondary containment
- E-14A-1212 Drip tray full at fuel pumps
- E-14A-1213 Oil stains on ground by equipment
- E-14A-1219 No barriers around bulk propane tanks
- E-14A-1220 Fire extinguisher inspection outstanding

- E-14A-1221 Wood piles not totally burned
- E-14A-1228 No CPPI tags to identify product being dispensed from stationary tanks at Main Camp
- E-14A-1229 Cylinders without ULC/CSA approved regulators and general housekeeping
- E-14A-1239 2 oil pails were observed near AB-300
- E-14A-1240 BC line at tower BC-227 – a pile of unburned trees on RoW was observed
- E-14A-1277 Automatic shut off on the fuel nozzle at Junction camp was not working
- E-14A-1278 During a site visit June 17-18, the following RoW access observations were noted
- E-14A-1279 During a site visit June 14-19, the following observations were noted
- E-14A-1294 Fuel tank at Pipestone camp generator – diesel fuel spill onto the ground
- E-14A-1295 Fuel tanks at Pipestone camp moved for clean up of spilled fuel and remediate the area.

E-14A-1205, 1210, 1221, 1240, 1277, 1278, 1279, 1295 and 1295 remain open to date.

11.1.3 Quality Observations - E-14B Forms

For the project to date, there have been 246 E-14B forms in total with 126 compliant. In Q2 2022, nineteen (19) observations were made, only one (1) was compliant. The non-compliant E-14Bs are noted below.

- E-14B-0247 Suspension insulators not hanging correctly on 230kV dead ends
- E-14B-0248 AB-25 OPGW downleads
- E-14B-0254 Conductor and OPGW reels damaged Pickle Lake Laydown
- E-14B-0250 Control building stairs too short
- E-14B-0251 Mechanical protection 25kV buried cables
- E-14B-0252 Supports required for cables to breaker cabinet
- E-14B-0253 Camera cables around fence protection
- E-14B-0255 Disconnect Control Cabinet Corrosion - Sub B and C
- E-14B-0256 Fence post damage when spreading Iso Stone

- E-14B-0257 Black electrical tape used to secure camera cables to fence instead of zip-ties
- E-14B-0258 Rust on flex connectors and bolts on reactor switches BRS-1 BRS-2
- E-14B-0259 Rust on hinged cover for emergency trip 115kv breakers
- E-14B-0260 Busted grout around steel structure that need to be repaired
- E-14B-0261 Washers use to hold reactor pedestals look to be too small
- E-14B-0263 Reactor assigned as R phase unit connected to B-B3 230kV circuit breaker as issues
- E-14B-0264 Station K control building is temporarily stored during winter
- E-14B-0265 Station B Pickle Lake Yard damaged voltage transformer.

E-14B-0187, 0224, 0227, 0234, 0251, 0257, 0263 and 0264 remain open to date. E-14B-0187 has been open since September 23, 2021.

11.2 Survey and Field Reconnaissance

Survey and field reconnaissance activities are ongoing. Refer to Appendix J for inspectors' foundation installation progress observations.

11.3 RoW Clearing

RoW progress has been extracted from Valard's MBOS system and is shown in Appendix J.

By March 2022, Valard had finished all bulk clearing in Group 2 as well as worked through some 25 kV clearing in Group 2 (J1, K1, D1, G1 all cleared). There remains small hand-falling areas as well as burn piles in EG and KM that would need to be finished next season. Valard has cleared QR from structure QR-027 to Substation R.

Hand clearing was observed in Group 3 towards the end of May 2022. Hand clearing commenced for WRT and WTU lines, continuing into June 2022.

11.4 Camps and Laydown Areas

Pickle Lake Main camp was also closing throughout June 2022 and most crews were moved up to Pipestone as required.

The beginning of Q2 2022 had notable amounts of flooding or wet ground conditions, making travel and working in camps difficult. June 2022 was a dryer month than May and camps started opening back up near the end of June 2022 and early into July 2022.

In Group 1, most camps are now closed, and hotels are being used in Dryden and Pickle Lake.

In Group 2, camps started to reopen as the wet conditions dried. Pipestone, North Caribou, Kingfisher and Wunnumin are open. Muskrat and Bearskin opened after the reporting period. Sachigo and KI camps remain to be built for Group 2. Assets have been hauled up and are expected to be assembled and built over the summer/fall of 2022.

In Group 3, the following camps being used in the north: Knox, Deer Lake, and North Spirit. Crews are mainly staying in Deer Lake. The following camps are being used in the south: Junction, Balmer Annex and Nature's Inn. The camp on the WQR RoW needs to be assembled and built up. Crews are flying into site from Junction. Keewaywin camp needs to be built.

11.5 Geotechnical Investigation

Geotechnical investigation and soil resistivity testing ("SRT") are complete for all substations barring any additional testing that may be required.

Transmission line geotechnical investigations have been conducted on large portions of the project.

11.6 Transmission Line Foundations

The following is the general area of work and observations for the quarter and may not be the entire work front.

Foundations work was mostly finished for the winter 2022, some foundation work continued in DE and EF into April and May 2022. No foundation work was done Group 2 in June 2022. Foundations in Group 2 are to continue in July 2022 with heli-based foundations being installed in lines EF and DE. In Group 3, Valard started heli-foundations in line RT. Valard reporting indicated approximately twenty (20) foundations were completed.

Additionally, Valard completed Approximately 38 foundations in JI (44kV), and about 129 25kV foundations. There is some QA work that needs to be completed to close out these poles, including additions of HORCI equipment.

Foundations Installed			
Type	**Group 1**	**Group 2**	**Group 3**
Masts Installed	-	48	26
Mast on Soil	-	14	13
Mast on Rock	-	6	13
Mast on Pin	-	-	-
Drilled Pipe Pile	-	-	-
Mast Helical	-	14	0
Micropile	-	-	-
Self-Supporting	-	2	6

Additionally, progress has been extracted from Valard's MBOS system and is shown in Appendix J.

11.7 Anchor Installation

The following is the general area of work and observations for the quarter and may not be the entire work front.

Anchor installation continued in lines DE and EF into April and May 2022. By June 2022 most work had stopped and instead heli-anchor work was happening in RT.

Additionally, progress has been extracted from Valard's MBOS system and is shown in Appendix J.

11.8 Transmission Line Tower Assembly

Assemblies are aggregated from on the RoW and in laydown/fly yards, the following was observed.

Some assembly work was done in Group 2 in April and May 2022 but was primarily focused in Group 3 in Sandy Lake in June 2022.

Structures Assembled					
Type	**Group 1**	**Type**	**Group 2**	**Type**	**Group 3**
W2A	-	W1A	-	W1A	84
W2B	-	W1B	1	W1B	-
W2C	-	W1C	-	W1C	-
W2D	-	W1D	9	W1D	5
W2E	-	W1E	2	W1E	-
Total	**-**	**Total**	**12**	**Total**	**89**

Additionally, progress has been extracted from Valard's MBOS system and is shown in Appendix J.

11.9 Transmission Line Tower Erection

The following is the general area of work and field observations for the quarter and may not be the entire work front.

Erections finished off on lines AB, CD and CJ in April 2022. In May 2022, erection crews were mostly on hold, waiting for stringing and the spring melt. In late June 2022, erections restarted primarily focusing on line DE and then into EF after the reporting period. Work in Group 3 primarily focused on lines ZW, ZV and TZ throughout April and May 2022.

Additionally, Valard set approximately 38 poles in JI (44kV), and 129 25kV poles. There is some QA work that needs to be completed to close out these poles, including additions of HORCI equipment.

Structures Erected					
Type	Group 1	Type	Group 2	Type	Group 3
W2A	-	W1A	61	W1A	-
W2B	-	W1B	6	W1B	-
W2C	-	W1C	-	W1C	-
W2D	-	W1D	8	W1D	-
W2E	-	W1E	-	W1E	-
Total	**-**	**Total**	**75**	**Total**	**-**

Additionally, progress has been extracted from Valard's MBOS system and is shown in Appendix J.

11.10 Transmission Line Conductor and OPGW Stringing

Group 1 was completed and tested in May 2022.

In Group 2, CJ conductor and OPGW has been completed by the second week of June 2022. There are approximately 108 spans left in CD (CD-125 to CD-232) for conductor and approximately 40 additional spans for OPGW (140 in total). Note that CD was subsequently finish in early July 2022.

In Group 3, PQ crews that were removed during spring melt have returned by end of June 2022 and are starting PQ stringing works again. They finished this work early into July 2022.

11.11 Substation Civil and Structural Works

Note the statuses below are provided cumulatively.

Substation A (Dinorwic SS)

Earthworks complete up to ground grade level. All column foundations poured. Form and tie rebar work for reactor pad and circuit breaker pad foundations complete and concrete poured. Control room placed on foundations, stairs installed, batteries stored inside. Installation of fence finished, along with fence grounding. Ground grid installations completed. Steel structures installed. The replacement capacitor voltage transformer ("CTV") arrived and was installed and commissioned. All equipment ready for commissioning outside of deficiencies. Cable tray work mostly done, just the station service voltage transformer ("SSVT"). HONI site grounding grid was completed. HONI station complete. Note: energization of HONI site (up to D26A) happened July 8, 2022; there was an issue with phasing in the HONI station, that will be resolved in an outage later in July 2022.

Substation B (Pickle Lake TS)

All foundation work, steel structures, and bus work (230kV, 115kV, 25kV) were completed. Fence work is now complete on all sides, including insulating fence. Insulating gravel has been spread. The trench for Bell fibre is complete. Reactor deficiency coordination with manufacturer ongoing. C3W remaining structures (lighting masts, station service transformer ("SST") structures, gantry etc.). Everything except SST has been installed. HONI C3W was connected in June 2022, but not energized.

Substation C (Pipestone SS)
All civil work is complete.

Substation D (North Caribou TS)
All civil work is complete.

Substation E (Muskrat Dam TS)
Foundation work is complete and backfill is in progress. Fence work completed. Construction re-started for the season after the reporting period, for steel work to begin.

Substation F (Bearskin Lake TS)
DPP foundations and ground grid installation complete. Transformers and control building equipment has been placed on foundations. Construction re-started for the season after the reporting period, for steel work to begin.

Substation G (Sachigo Lake TS)
Aggregate hauling is completed. The site is shut down until summer for civil crew to arrive for pad work.

Substation I (Wunnumin Lake TS)
Geotechnical investigation and site clearing has been completed. Ground grid done, DPP done, T1 and T2 containments done. Electrical crew to begin cable pulling in July 2022.

Substation J (Kingfisher TS)
Foundation and fence work has been completed and all structures installed on foundations. All equipment (including control building) installed on foundations/containments. Cable tray pulling complete, terminations finished. Testing and commissioning have started for breakers. Above grade grounding in progress.

Substation K (Wawakapewin TS)
Substation cleared and pad started. Ground grid work done, and backfilling in progress. Helical pile work, cutting and capping in progress.

Substation L (Kasabonika Lake TS)
Camp has been established. Substation cleared and pad started and material was delivered to site to begin civil work in summer. Aggregate is being spread, the pad is being graded and the grounding grid was installed. Helical pile work to start at the end of July 2022.

Substation M (Wapekeka-KI TS)
Substation cleared and pad started. Material is on site to begin civil work in summer.

Substation P (Red Lake SS)
Reactor, circuit breaker and pile foundation works completed. Structure installation completed. There was a large spill which required significant excavation near the control building, refer to Section 8.1 for details. Spill cleanup work to begin in July 2022.

Substation Q (Pikangikum TS)
Bypass switch foundation and steel structure installed. Switch to be installed in July 2022.

Poplar Hill R (Poplar Hill SS)
Site stripping and quarry blasting for aggregate.

Poplar Hill S (Poplar Hill TS)
DPP starting early July 2022.

Substation T (Deer Lake SS)
Substation pad finished, foundations complete, vertical steel posts erections complete. Variable reactor and circuit breaker containment/pads complete.

Substation U (Deer Lake TS)
Below ground ground-grid works complete and backfill to rough grade complete. Transformer and circuit breaker containment/pad complete.

Substation V (North Spirit Lake TS)
Transformer and circuit breaker containment/pads finished. All other structural support foundations and control building foundations ongoing. Control building is on foundations.

This substation was cleared incorrectly in February 2021 and Valard is revising the line layout to maintain the installed foundations.

Substation Y (Keewaywin TS)
Geotechnical work completed.

Substation Z (Sandy Lake TS)
Foundations are complete, and the vertical steel structures installed, and major equipment is installed on it. Ground grid installation in progress with insulating gravel being spread on ground grid. Control building has been placed on foundations.

11.12 Substation Electrical Works

Substation A (Dinorwic SS)
All CVTs installed (including replacement), reactors installed, and circuit breakers installed. Crews finished above grade grounding and battery testing/install. HONI interconnection span 3L3 installed. AB1 jumpers tied back and grounds applied. Energization process to start in July 2022.

Substation B (Pickle Lake TS)
All foundations and equipment have been installed. One of the air core reactors was damaged, and the fix requires further consultation from manufacturer. Low level deficiency repair ongoing.

Substation C (Pipestone SS)
The substation is done until end-to-end commissioning.

Substation D (North Caribou TS)
Construction has been completed. The circuit breaker insulator with the bird bite has been replaced per manufacturer recommendations. Equipment and battery testing continues.

Substation J (Kingfisher TS)
Equipment installation has finished. Cable tray work is completed and cable terminations are nearly complete. 44kV and 25kV rigid and flexible bus and cable tray completed. All circuit breakers and transformer side terminations complete, reactor ongoing. Cable termination continues, commissioning relays. Phasor did scheme checks early June 2022.

Substation P (Red Lake SS)
Above grade grounding, equipment install, cable tray and cable pulling, reactor and control room, ground wells and counterpoise and all pre commissioning work is completed. Site work mostly finished until spring for final commissioning and clean up. Phasor will return to check commissioning on cables to control building after cleanup of spill. Note backfill started in July 2022.

Substation V (North Spirit Lake TS)
Bus work and cable tray work started and is continuing into the summer of 2022.

Substation Z (Sandy Lake TS)
Steel vertical structures finished. Control building on foundations. Major equipment installed on steel. Electrical work started, cable tray and bus work aiming to finish by the end of July 2022.

11.13 Commissioning

Hatch's substation and P&C engineering representatives visited Substation A on May 18 and 19, 2022 to inspect substation yard and control building installations, and witness D26A secondary line protection relay testing. Representatives also visited Substation B from May 20 to 23, 2022 to inspect installations and witness element/local testing on various relays (shunt reactors and WBC primary line protection).

Substation A (Dinorwic SS)
Pre-commissioning began and continues for equipment on site. Splicing fiber and PLC commissioning completed on AB. Full walkdowns completed in July 2022. Initial energization up to D26A occurred on July 8, 2022.

Substation B (Pickle Lake TS)
Primarily working on fixing deficiencies from commissioning crew. Final deficiencies and commissioning ongoing.

Substation C (Pipestone SS)
Work completed until end-to-end testing (pre-energization).

Substation D (North Caribou TS)
Work completed until end-to-end testing (pre-energization).

Substation J (Kingfisher Lake TS)
Commissioning ongoing. Relay testing, SSVT testing.

Substation P (Red Lake SS)
Work completed but further commissioning is stopped until environmental spill containment and cleanup is finished. Remediation/mitigation work to begin in July 2022. Cables and connections affected by the spill will be re-checked once remediation is complete.

12. Schedule

12.1 Baseline Schedule

Schedule analysis is included in Appendix K.

Hatch will work with data extracted from Valard's project schedule file to determine the planned progress and planned completion dates for key project activities (clearing, foundations, tower erections and stringing for each transmission line; Civil, foundations, structural steel, equipment, electrical and commissioning for each substation) to compare against progress Valard reports in their MBOS updates each week. Due to the submission dates for the latest Valard schedule updates and the release of each Hatch monthly report, Hatch has begun issuing internal schedule analysis separately, in a more timely manner in addition to what's found here. The information presented in Appendix K is from Valard's April 2022 report.

On October 29, 2021 Valard provided their annual schedule update, which included a plan to make up for the time missed during the forest fires. This update does not contain any changes to TSC dates. A letter was sent to Valard on December 10, 2021, detailing Wataynikaneyap Power and Hatch's concerns. Valard amended their schedule to address some of these concerns on January 24, 2022. A new update of the schedule was received on October 29, 2021 Valard provided their annual schedule update, which included a plan to make up for the time missed during the forest fires. This update does not contain any changes to TSC dates. A letter was sent to Valard on December 10, 2021, detailing Wataynikaneyap Power and Hatch's concerns. Valard amended their schedule to address some of these concerns on January 24, 2022.

A new update of the schedule was received on May 31, 2022, containing Valard's most up-to-date schedule information. This May Re-forecast schedule (data date: April 30, 2022) took into account all winter activities, events and changes so far in the project.

Wataynikaneyap/Hatch submitted HATCH-VAL-RFI-0580 and HATCH-VAL-RFI-0592 outlining questions and concerns after analysis of the May Re-forecast schedule was completed. Valard's response to these two (2) RFIs has been received with answers to the questions and concerns that were addressed. A meeting was held in the third week of June 2022 to discuss the schedule with Valard. The parties have agreed to use the May 31, 2022 Valard schedule update to monitor construction while still retaining all contractual rights under the EPC Contract.

The significant changes included are (compared to the December 2021 re-forecast):

In Group 2, the Guaranteed Total Substantial Completion date was corrected. It had been erroneously extended by nine (9) months in the December 2021 re-forecast. It still stands at December 2023. Community energization dates for Wunnumin Lake and Kasabonika Lake were advanced by twelve (12) and nine (9) months, respectively. Kingfisher Lake, Wawakapewin and Muskrat Dam energization dates were all delayed by one (1) month. The Bearskin Lake energization date was delayed by two (2) months. The Sachigo Lake energization date was delayed by ten (10) months from July 2023 to May 2024.

In Group 3, the TSC date was delayed by two (2) months to September 2024. Community energizations at Pikangikum, North Spirit Lake, and Keewaywin were all delayed by two (2) months. Deer Lake and Sandy Lake were both delayed by one (1) month. Additionally, the overall Final Completion Date for the project was further delayed by two (2) months.

The schedule tables and S-Curves in Appendix K reflect the data from the May schedule Update via Valard's May 2022 monthly report. This update included an approximately four (4) week delay in the energization of line BC.

Current progress has been slow, coming at the end of the busy winter season. Spring run-off limited movement, including numerous temporary road and camp closures. Stringing crews are working fairly quickly in Group 2 now that Group 1 is complete. Line CJ was completed on June 12, 2022 and CD is nearing completion. Final activities, testing and commissioning are happening, or slated to happen in substations A, B, C, D and P; activities in P will commence once the spill has been cleaned up, this is not yet on the critical path.

The tables contained in Appendix K have been adapted to show the impact of these schedule changes.

12.2 Achieved Milestones in Reporting Period

The achieved milestones in the reporting period are as follows:

Date	Milestone
April 7, 2022	Connection between Hydro One station at Dinorwic and Substation A established.
April 23, 2022	Stringing completed in Group 1.
April 23, 2022	Substation Geotech completed.
April 30, 2022	Stringing completed on line BC.
May 20, 2022	Hatch issues RFP for IM&ER Services to three (3) proponents.
May 31, 2022	Valard provides a new schedule update, taking into account: COVID-19, Whitefeather forest delays, forest fires and Whitefeather Notice No. 5.
June 3, 2022	End to end testing Substation A to Substation B.
June 13, 2022	Line C3W connecting HONI Pickle Lake and Substation B strung.
June 14, 2022	Substation A final walkdown.
June 15, 2022	Substation B final walkdown.
June 17, 2022	IM&ER Proposal Due date.

See Appendix K for currently planned completion dates of each substation and transmission line and each community energization date.

12.3 Upcoming Milestones

The following are anticipated upcoming milestones:

- Finalize updates to IPP commitments due to COVID-19.
- Finalize impact on cost and schedule as a result of delay due to forest fires.
- Energization of Group 1.
- Spill cleanup at Substation P.

12.4 Delays

Refer to Appendix K for schedule delays on key construction activities.

13. Risk Management and Quantitative Risk Analysis (QRA)

13.1 Risk Management

A risk review session was held on July 19, 2021, though the register was updated again, in January/February 2022 without a meeting. The next update will be in Q3 2022.

A copy of the most recent completed risk register is attached in Appendix L.

The top six (6) risks are as follows. The corresponding mitigation action and controls are also listed:

Risk	Mitigating Actions/Controls
COVID-19	• The new COVID-19 CMP has been implemented in July 2022 and as a result the majority of H&S COVID-19 protocols have been lifted, vaccination remains in place • Mitigation plans in place in case of COVID-19 cases at the Project. • Regular communication between Wataynikaneyap Power, Valard and the First Nation Chiefs.
Sub-standard safety performance from Valard	• Safety plan. • Valard's prior safety statistics are good. • Valard prequalification included high score for safety statistics. • Monitoring of compliance with Valard's H&S system. • Reviewing of Valard's Safe Operating Procedures ("SOP").
Dissatisfaction over inadequate share of construction contracts	• Monitoring and reporting Valard's performance with reference to First Nation sub-contracts. • Engagement with the First Nation contractors and facilitating via OSLP dedicated resources. • Setup dispute resolution process.
Dissatisfaction over inadequate compensation for Subcontracts	• Monitoring and reporting Valard's performance with reference to First Nation sub-contracts. • Engagement with the First Nation contractors and facilitating via OSLP dedicated resources. • Setup dispute resolution process.
Dissatisfaction over inadequate execution of First Nation protocols or communication	• ICMP will be updated as new protocol information becomes available; and implemented by Valard. Liaisons and Chiefs remain the key contacts for updating protocols and communication.
Work stoppages or access restrictions	• Communicating expectations for community protocols to be followed. • Proper reporting through either Valard or Wataynikaneyap Power to properly and quickly address issues.

Risk	Mitigating Actions/Controls
	• Protocols request form was created which requests direction/instructions from leadership from each community on archeology findings, environment impacts and ceremonial instructions. • Valard's key staff have received cultural awareness training.

Forest fires were not thought to be a top risk during the risk review session, as forest fires impacting less than 100 km of transmission line and four (4) substations were to be Contractor risks, per the Contract. Per letters from Valard, they believe the fires in Q3, 2021 constitute Force Majeure events; the matter remains outstanding.

The next risk review session has not been scheduled but should be held in late 2022.

Valard owned risks are listed in Valard's Risk Register that is included in Valard's monthly report.

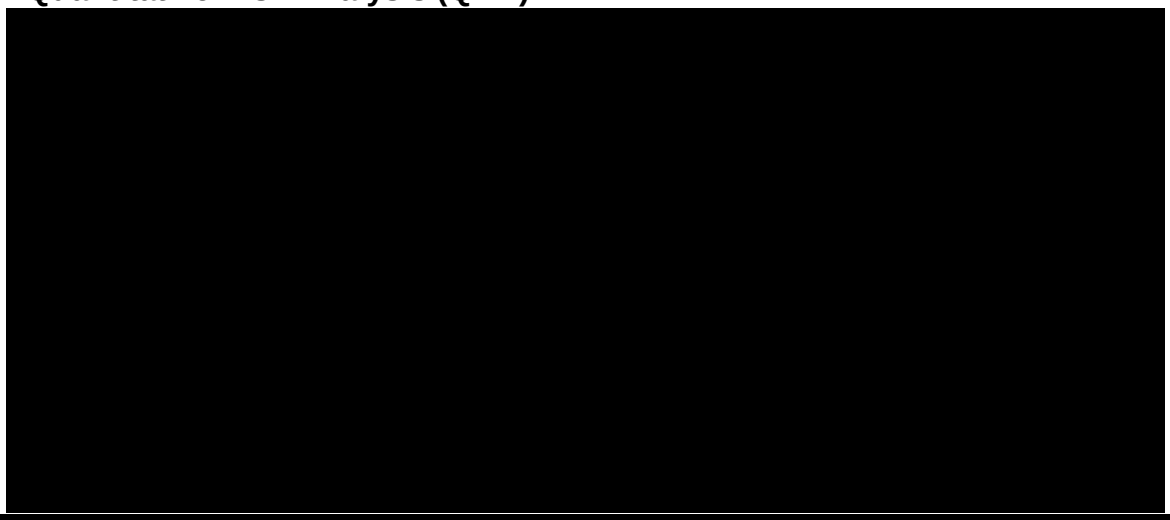
13.2 Key Financial Risk Currently Being Managed

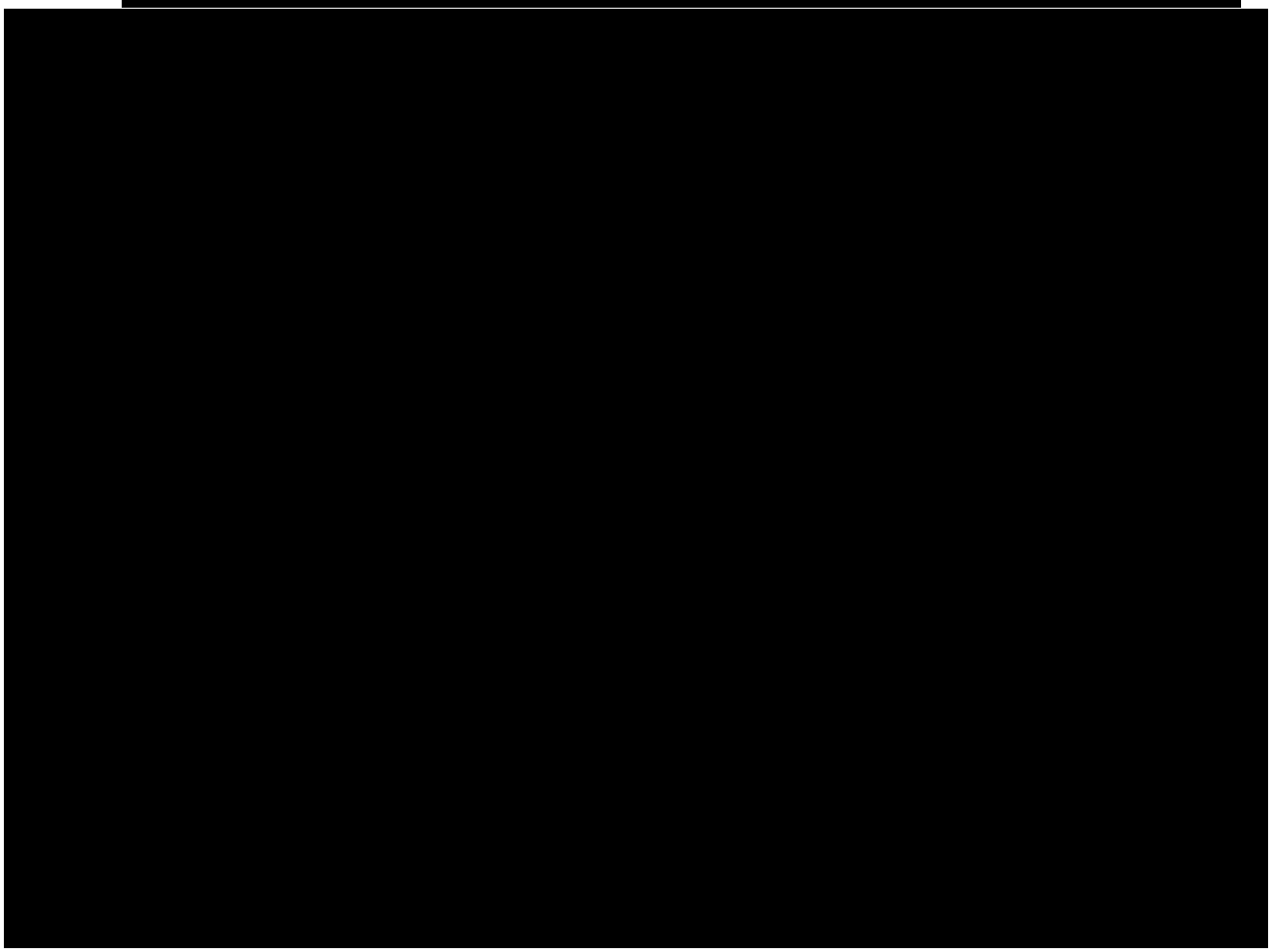
Financial risks during Project execution are managed through ongoing review and monitoring of field activities. Wataynikaneyap Power initiated changes (CCO's) and Valard initiated changes (CCR's) are registered and reviewed on a weekly basis to ensure that potential costs are estimated and captured through trends. Below is a summary of some key financial risk items with trends issued with a value of greater than $100k excluding inventory trends as a separate budget line item is maintained for inventory costs. For trend details, please refer to Appendix E.

- Transmission line route changes
- COVID-19 impacts
- Normally Open ("NO") disconnect switch outside Pikangikum Substation
- Tower climbing protection
- Sachigo Line G1-Underground 25kV cable
- SEL-3530 RTAC and HMI Performance.

Valard has issued two (2) Notices related to forest fires, one was for a Force Majeure event related to the forest fire evacuation in Group 3, and the other for "major forest fires" in Groups 1, 2 and 3. Valard have been asked to provide further details and regular updates including mitigation efforts undertaken while merits of the claim and impacts are reviewed.

13.3 Quantitative Risk Analysis (QRA)





14. Commercial

14.1 Subcontractor Management

Recommendation and response memorandums were prepared for:

- On Point Surveyors
- Lat & Long Geomatics
- Barlund Consulting
- BMSA Amendment No. 1
- Almita Piling
- Wildcard Excavations
- Rodan Energy Solutions Ltd.
- T&D High Voltage Consulting Ltd.
- Kasibonika First Nation/Moncrief MCL JV
- TUV India Private Ltd.
- Airspan Helicopters
- Integrity Land Inc.
- KBM Resources Group
- McCallum Environmental Ltd.
- Munroe Logistics Corporation
- 2077452 Alberta Ltd.
- Acme Technical Services

- Nor-Alta Environmental Services Ltd.
- Doug Vergunst
- EXP Services Inc.
- Greenmantle Forest Inc.
- HME Enterprises Ltd.
- Crux Subsurface Canada Ltd.
- Missabay Contracting Limited Partnership
- Omekanahkay LP & Horizon North Camp & Catering Partnership
- 2274584 Ontario Inc. (Ducas Diesel and Trucking Repair)
- Morgan Fuels - Windigo JV
- Bimaamadinaa
- SG LP and Whitefeather Forest Community Resource Management Authority (WFCRMA)
- Twister Piling
- Roterra Piling
- Keewaywin First Nation
- Powerlink Transformer Inc.
- Bamajo Lake Economic Development Corporation.

Weekly review of the Subcontractor log is ongoing.

14.2 Cost Management

14.2.1 EPC Contract Cost Status

[redacted]

[redacted]

14.2.2 [redacted]

[redacted]

14.2.3

[redacted]

14.3 Rules of Credit

COVID-19 Rules of Credit ("RoC") were finalized and issued to Valard on April 6, 2021.

The general RoC were updated and approved on October 28, 2021.

Further revisions to the RoC were completed, one regarding long lead items requiring off site storage which was approved on May 12, 2022 and a revision relating to substation access and clearing which was approved on July 26, 2022.

14.4 EPC Contract Changes

[redacted]

14.5 Contract Notices

[redacted]

14.6 Contract Performance Support

[redacted]

15. Other Contracts and Agreements

The status of the following other contracts and agreements has been advised by Wataynikaneyap Power.

15.1 Pikangikum Construction

Wataynikaneyap Power has advised that, as of January 28, 2020, the Pikangikum punch list has been cleared and the Pikangikum construction contract is complete.

15.2 Services Contract

There have been no changes to the services contract with planned activities being provided as needed.

15.3 Management Agreement

There have been no changes to the Management Agreement dated August 27, 2015.

15.4 Contribution Agreement

There have been no changes to the Contribution Agreement dated July 3, 2019.

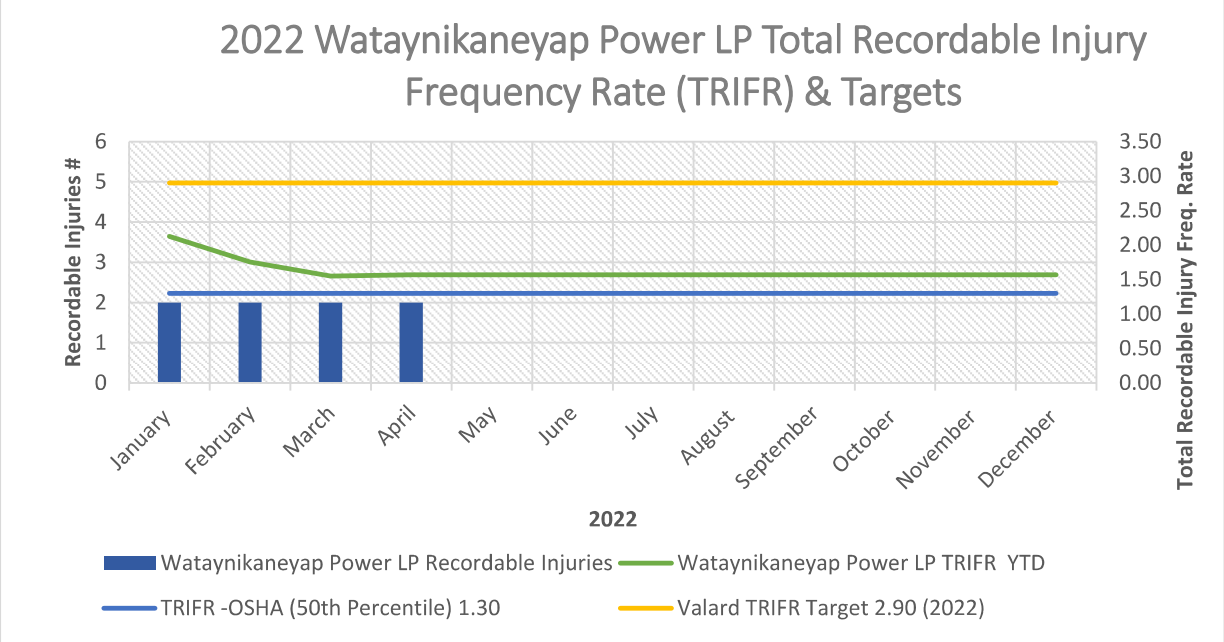
APPENDIX A HAS BEEN FILED CONFIDENTIALLY IN ACCORDANCE WITH THE PRACTICE DIRECTION ON CONFIDENTIALITY FILINGS

Appendix B

Wataynikaneyap Power Safety Reports

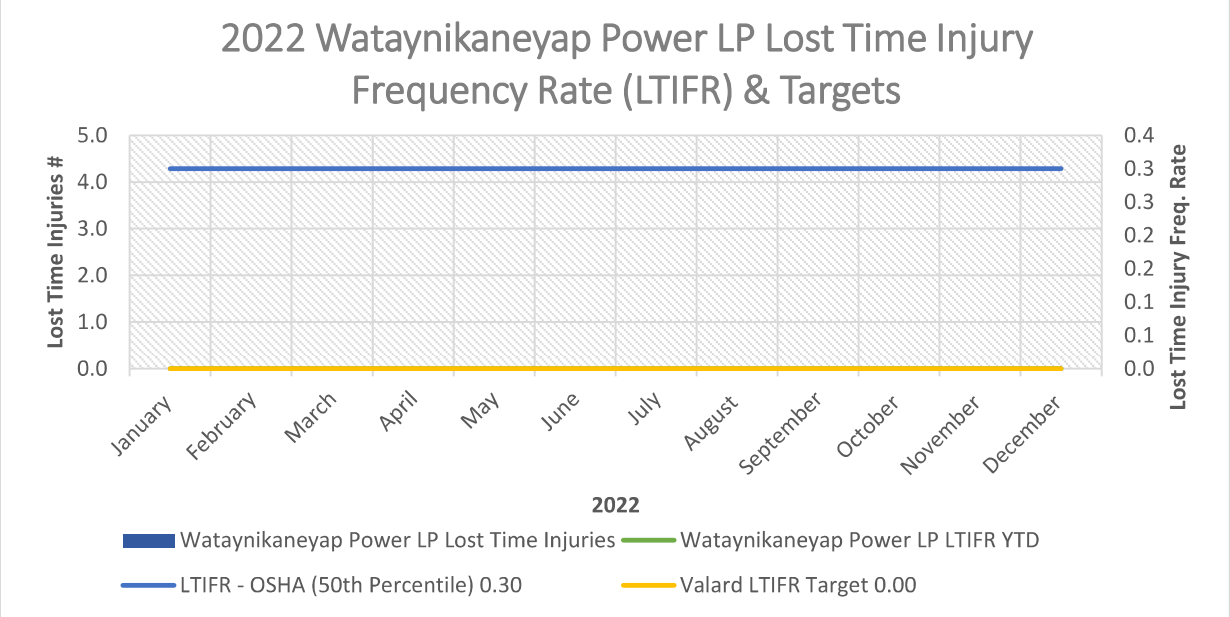
Wataynikaneyap Power LP – Monthly Project Health, Safety & Environment Report

April 1-30, 2022

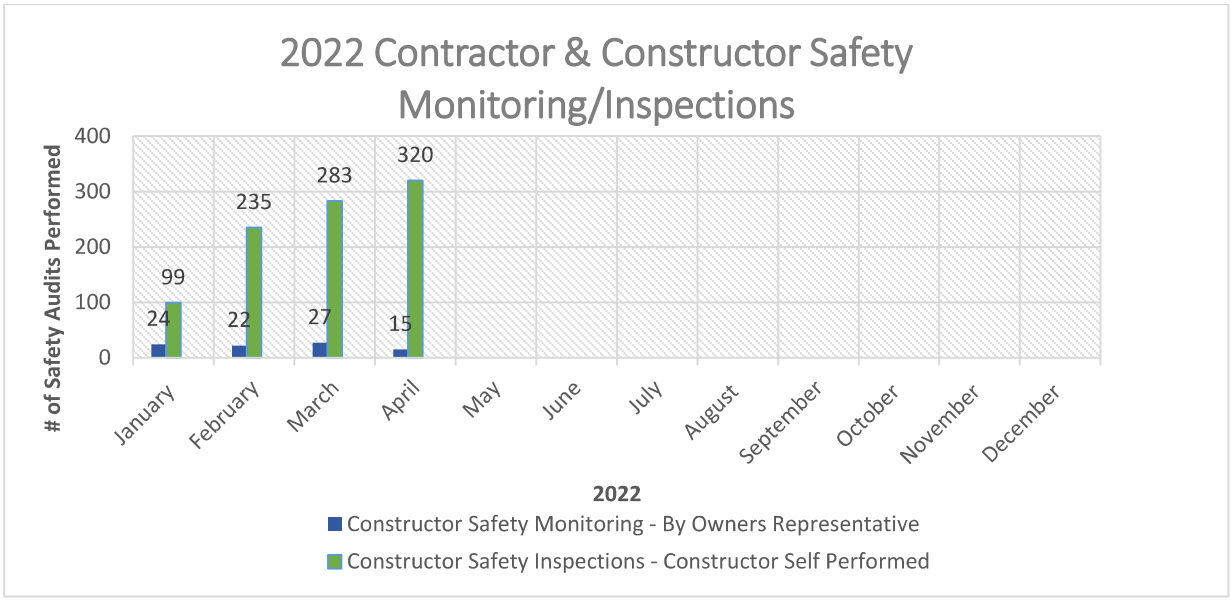


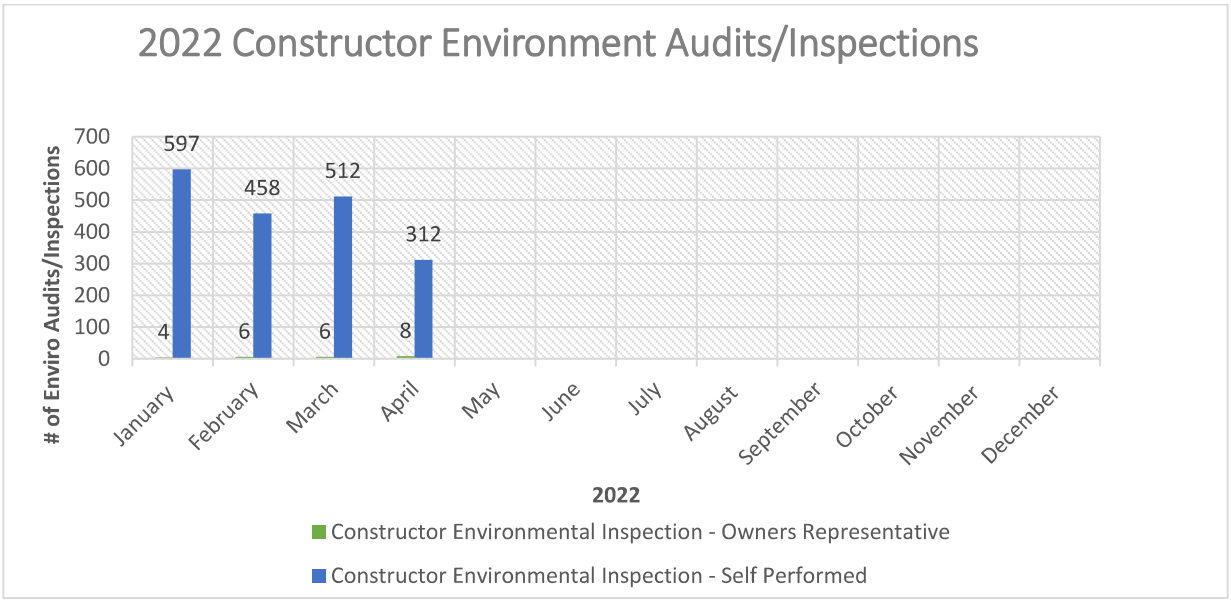
Wataynikaneyap Power LP YTD TRIFR: 1.57

Wataynikaneyap Power LP YTD AIFR: 0.39



Wataynikaneyap Power LP YTD LTIFR: 0





Hours Worked Since Last Lost Time Injury: (as of Dec 02, 2020) **3,457,186**

Days Worked Without a Lost Time Injury: (as of Dec 02, 2020) **514**

Number of Hours Worked This Month: 245,036

Number of Hours Worked Project to Date: (as of Jan 1, 2019) **4,715,070**

Wataynikaneyap Power Project	Reporting Period	2022 YTD	Project to Date
First Aid Cases	2	8	109
Medical Treatment Cases	0	2	15
Restricted Work Cases	2	6	26
Lost Time Injury Cases	0	0	2
Serious Injury/Fatality Potential Incidents	0	0	0
Equipment/Property Damage	3	13	79
Vehicle Incidents	1	21	62
Security Incidents	0	0	1
Safety Non-Compliance	0	0	31
Near Miss	0	1	19
Fire Incidents	0	1	16
Non-Reportable Spills	10	87	349
Reportable Spills	0	2	6
Environmental Non-Compliance	4	11	69
Environment Inspections (Owner)	8	24	133

WPLP Contractor Compliance – Corporate Requirements: 90%

Summary:

TRIFR increased from 1.55 to 1.57 in April. When presented as an **AIFR**, the YTD rate is 0.39.

COVID-19 cases on the project continued to decrease in April, 21 cases were identified within the 'bubble' and 20 cases identified during pre-entry.

Active cases remained low in April with as low as 2 active cases being reported.

MNRF is currently reviewing previous instances of unpermitted cutting issues and possibility of enforcement action remains a possibility.

Wataynikaneyap Power has sent a letter to the EPC Contractor on numerous Environmental Permitting/Community issues related to cutting. A response is pending.

Wataynikaneyap Power received proposed changes from Valard to the Coronavirus Management Plan to align with the Government of Ontario's guidance for Wataynikaneyap Power input.

- The Government of Ontario has significantly relaxed COVID-19 restrictions and has removed all workplace requirements in March.
- Wataynikaneyap Power, subsequent to month end, has provided comments back to Valard for consideration.

Significant diesel fuel spill at Substation P resulting in 2000-4000 litres of fuel being released from a trans cube tank through a broken fuel filer on a genset.

- Project insurance has been notified with regular communication established.

- Valard has acknowledged that the costs will in-fact exceed 250k and has been more involved with the insurance company towards the latter half of March 2022.
- Current estimated costs are between 600-700K.
- Subsequent to month end, Valard has taken the position that the building is not able to be moved to provide full remediation. Valard has also provided a report from a QP from TBT Engineering outlining a spill mitigation and monitoring plan for the site to submit to the MECP.
  - Wataynikaneyap Power has provided feedback on this report but has yet to take a position on this issue due to outstanding questions that need to be confirmed.

Restoration engagement with priority communities have kicked off with the plan to have certain access trails remain open after Valard has completed work in the area for future operational and maintenance needs.

- The final remaining community for the first tranche of community engagement is scheduled for May 4, 2022, after a significant delay due to COVID-19.

Incident Summary:

Unexpected Death – Valard – An unexpected death occurred at the Project. At this time, this incident is under investigation to determine if it was work related or not. The Ministry of Labour is still involved.

- **At this point, this incident will remain unclassified as parties have retained legal counsel which are managing this incident at this time between Valard and the MOL.**

Modified Duty – Valard – A worker tripped and landed on their left wrist, resulting in a sprain; A linemen untangling fly rope became entangled in the rope against the tower structure and sustained a bruised arm and chest.

First Aid – Valard – A worker using a grinder sustained a laceration on their thigh as the tool kicked back; A cleaning agent splashed onto the worker's shirt and sustained a minor burn to their arm.

Property Damage – Valard – A fiber reel rolled off zoom boom forks while in transport and was damaged; An aluminum guard strapped to a 205-helicopter basket bent while ascending; An excavator crossing the road contacted and damaged a communication line on the EF segment.

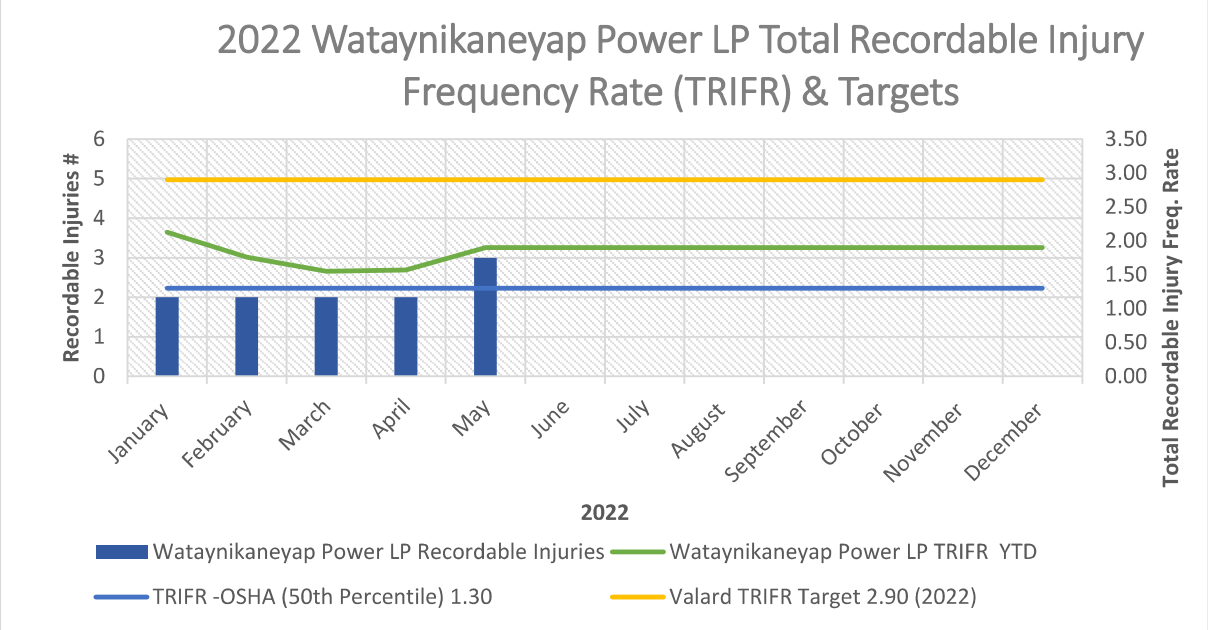
Vehicle Incident – Valard – A pickup truck lost control due to ice ruts and contacted a rock causing damage to the vehicle's tie-rod adjusting sleeve.

Environment – Valard – 10 non-reportable hydrocarbon spills (fuel, hydraulic oil, oil etc.).

Environment Non-Compliances – Valard – Overflowing drip tray at Pickle Lake Camp fuel tanks; Skids of motor oil not protected from traffic at Pipestone Camp; Non-compliances identified at Substation A regarding fuel tank labelling and inspection records; It was noted on September 2021, the highway pavement was damaged at RoW access BC-143.

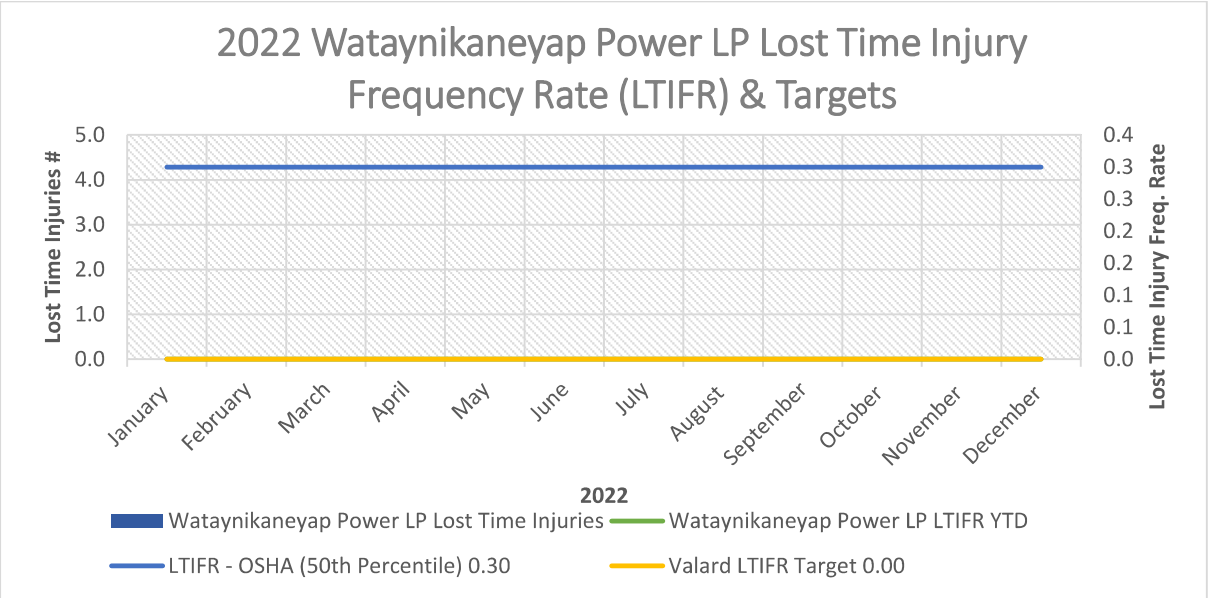
Wataynikaneyap Power LP – Monthly Project Health, Safety & Environment Report

May 1-31, 2022

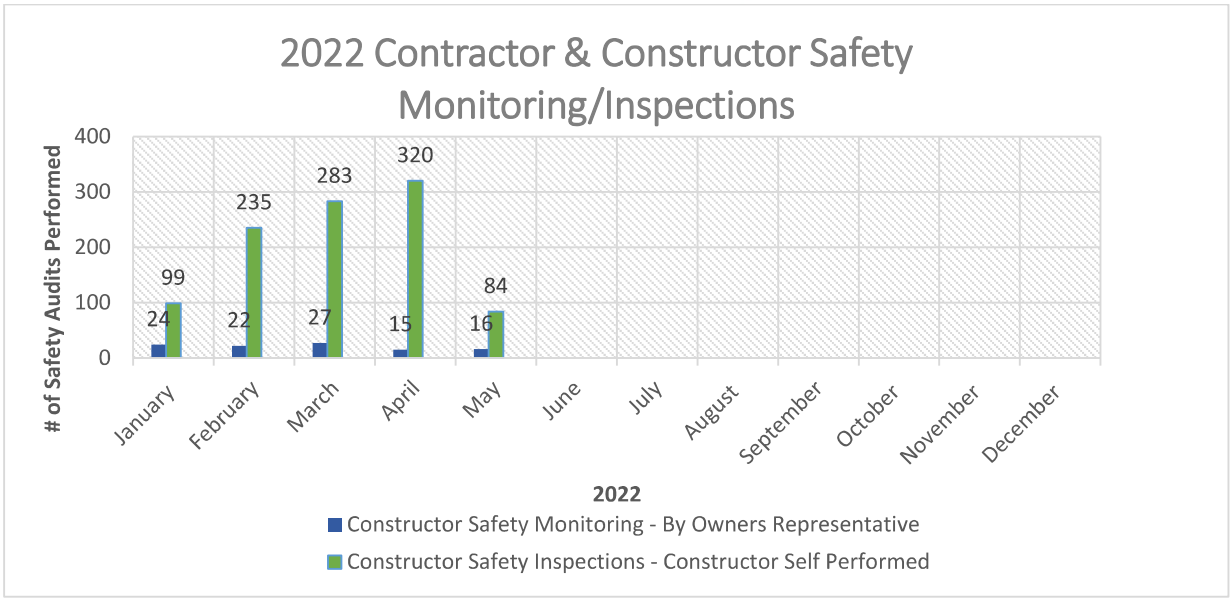


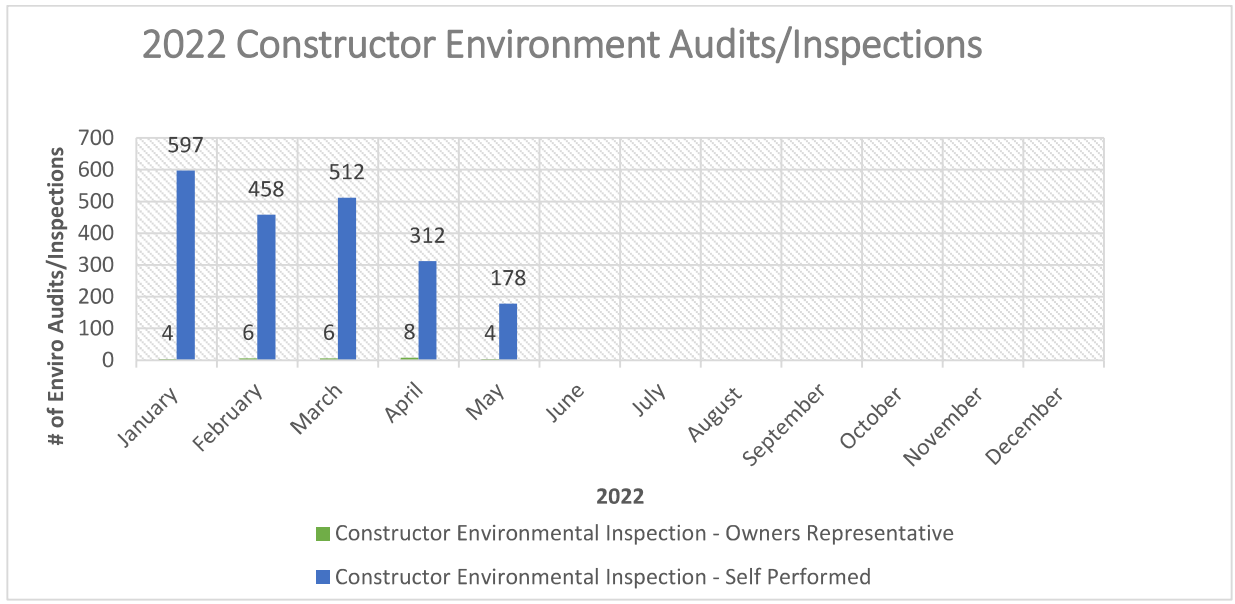
Wataynikaneyap Power LP YTD TRIFR: 1.90

Wataynikaneyap Power LP YTD AIFR: 0.52



Wataynikaneyap Power LP YTD LTIFR: 0





Hours Worked Since Last Lost Time Injury: (as of Dec 02, 2020) **3,596,764**

Days Worked Without a Lost Time Injury: (as of Dec 02, 2020) **545**

Number of Hours Worked This Month: 139,574

Number of Hours Worked Project to Date: (as of Jan 1, 2019) **4,854,652**

Wataynikaneyap Power Project	Reporting Period	2022 YTD	Project to Date
First Aid Cases	2	10	111
Medical Treatment Cases	1	3	16
Restricted Work Cases	2	8	28
Lost Time Injury Cases	0	0	2
Serious Injury/Fatality Potential Incidents	0	0	0
Equipment/Property Damage	0	13	79
Vehicle Incidents	0	21	62
Security Incidents	0	0	1
Safety Non-Compliance	0	0	31
Near Miss	0	1	19
Fire Incidents	0	1	16
Non-Reportable Spills	9	96	358
Reportable Spills	0	2	6
Environmental Non-Compliance	12	24	82
Environment Inspections (Owner)	4	28	137

WPLP Contractor Compliance – Corporate Requirements: 93%

Summary:

TRIFR increased from 1.57 to 1.90 in May. When presented as an **AIFR**, the YTD rate is 0.52.

COVID-19 cases on the project continued to decrease in May, 7 cases were identified within the 'bubble' and 9 cases identified during pre-entry.

- Active cases remained low with zero cases being reported consecutively.

MNRF is currently reviewing previous instances of unpermitted cutting issues and possibility of enforcement action remains a possibility.

Wataynikaneyap Power has sent a letter to the EPC Contractor on numerous Environmental Permitting/Community issues related to cutting.

- A response was received from Valard. A response to Valard is being contemplated.

Wataynikaneyap Power received proposed changes from Valard to the Coronavirus Management Plan to align with the Government of Ontario's guidance for Wataynikaneyap Power input.

- The Government of Ontario has significantly relaxed COVID-19 restrictions and has removed all workplace requirements in March.
- Continued review of the draft Coronavirus Management Plan (CMP) took place in May. Subsequent to month end, the updated CMP was put into place on June 16, 2022.
    - This new CMP removes asymptomatic testing, the 'bubble' concept, social distancing as well as making masking optional.

Significant diesel fuel spill at Substation P resulting in 2000-4000 litres of fuel being released from a trans cube tank through a broken fuel filer on a genset.

- Project insurance has been notified with regular communication established.
- Valard has acknowledged that the costs will in-fact exceed 250k and has been more involved with the insurance company towards the latter half of March 2022.
- Current estimated costs are between 800k-900k
- Subsequent to month end, a draft plan was accepted by the MECP which included the use of Microbiate and a Permeable Reactive Barrier to create a full remediation over a period of time.

Incident Summary:

Unexpected Death – Valard – An unexpected death occurred at the Project. At this time, this incident is under investigation to determine if it was work related or not. The Ministry of Labour is still involved.

- **At this point, this incident will remain unclassified as parties have retained legal counsel which are managing this incident at this time between Valard and the MOL.**

Medical Aid – Valard – A worker sustained a laceration on their left leg while performing chainsaw operations.

Modified Duty – Valard – After clipping in conductor, the lineman gripped the insulator to reposition and strained their chest and neck in the process; A worker walking backwards encountered an obstacle which cause immediate lower back discomfort.

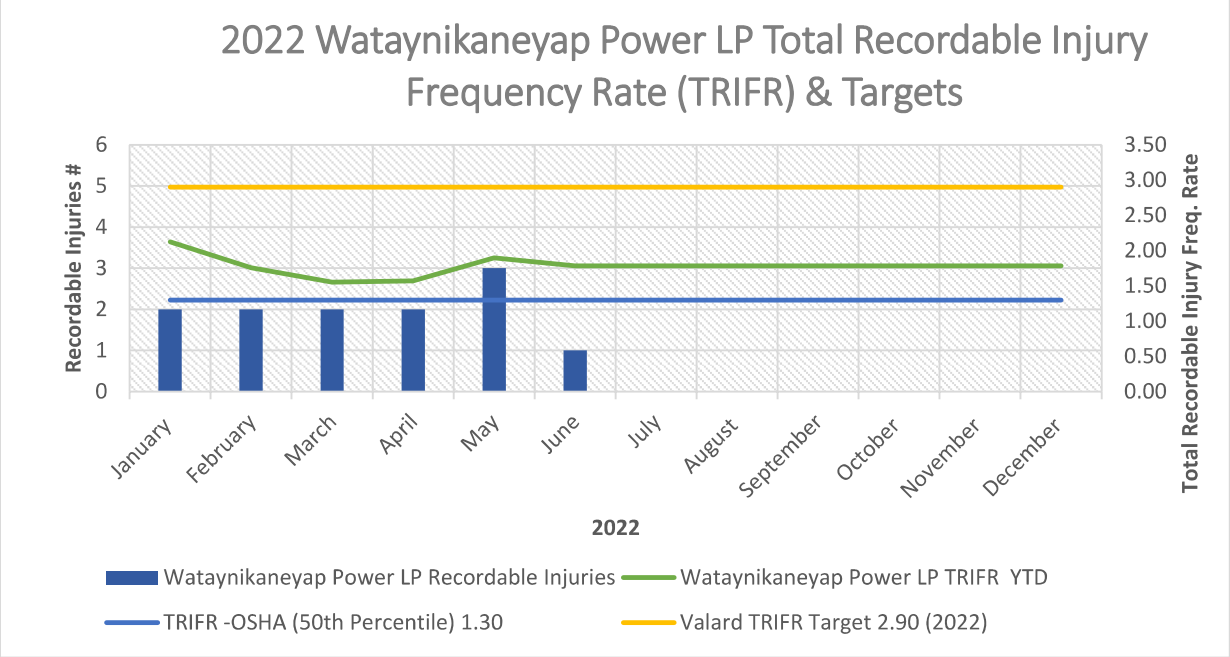
First Aid – Valard – While assembling material boxes, the worker twisted in an awkward motion resulting in lower back discomfort; A worker inspecting a 212-helicopter sustained a burn on their cheek from the hot pilot tube.

Environment – Valard – 9 non-reportable hydrocarbon spills (fuel, hydraulic oil, oil etc.).

Environment Non-Compliances – Valard –Non-compliances identified at North Caribou camp with respect to compressed gas storage, drip trays, and recycling program; Fire extinguisher non-compliances – broken and missing tags, no drip pan and spill procedures not readily available; No barricades at helicopter fueling area at Pipestone Camp; No barrier protection for helicopter fueling area at Pickle Lake Camp; Garbage and construction debris observed in several area on the AB line; Diesel stains found at Pickle Lake refueling area; Missing secondary containment for large bulk of windshield antifreeze; Over full drip trays at fuel pump at Pickle Lake Camp; Oil stains found west of Pickle Lake mechanic shop; No barriers around bulk propane at Pickle Lake; Fire extinguisher has not been inspected since August at Pickle Lake; Several wood piles on RoW not burned on BC line..

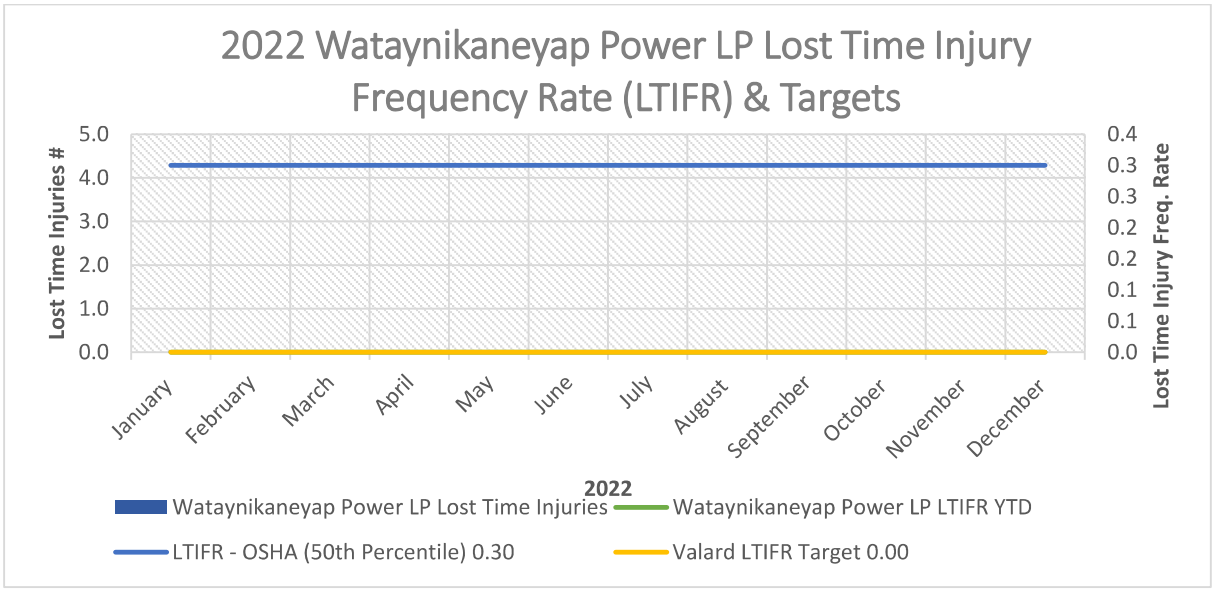
Wataynikaneyap Power LP – Monthly Project Health, Safety & Environment Report

June 1-30, 2022

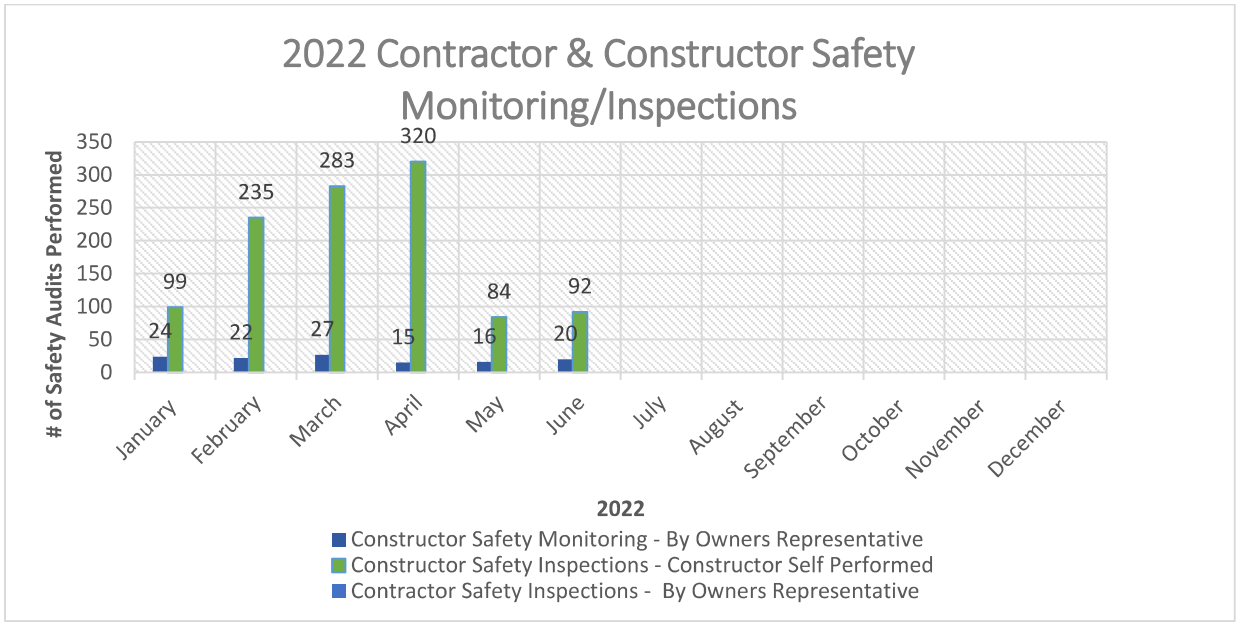


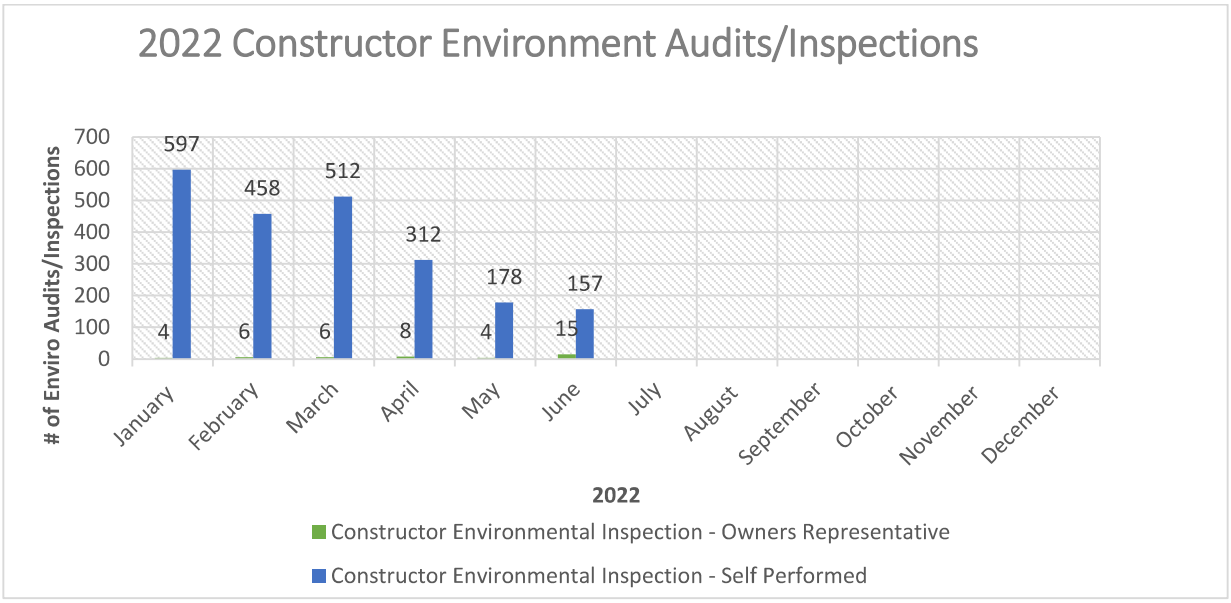
Wataynikaneyap Power LP YTD TRIFR: 1.78

Wataynikaneyap Power LP YTD AIFR: 0.59



Wataynikaneyap Power LP YTD LTIFR: 0





Hours Worked Since Last Lost Time Injury: (as of Dec 02, 2020) **3,782,664**

Days Worked Without a Lost Time Injury: (as of Dec 02, 2020) **575**

Number of Hours Worked This Month: 185,900

Number of Hours Worked Project to Date: (as of Jan 1, 2019) **5,040,552**

Wataynikaneyap Power Project	Reporting Period	2022 YTD	Project to Date
First Aid Cases	2	12	113
Medical Treatment Cases	1	4	17
Restricted Work Cases	0	8	28
Lost Time Injury Cases	0	0	2
Serious Injury/Fatality Potential Incidents	0	0	0
Equipment/Property Damage	2	15	81
Vehicle Incidents	1	22	63
Security Incidents	0	0	1
Safety Non-Compliance	0	0	31
Near Miss	0	1	19
Fire Incidents	0	1	16
Non-Reportable Spills	8	104	366
Reportable Spills	1	3	7
Environmental Non-Compliance	8	31	89
Environment Inspections (Owner)	15	43	152

WPLP Contractor Compliance – Corporate Requirements: 96%

Summary:

TRIFR decreased from 1.90 to 1.78 in June. When presented as an **AIFR**, the YTD rate is 0.59.

COVID-19 cases on the project continued to decrease in June, one case was identified within the 'bubble' and six cases identified during pre-entry.

Wataynikaneyap Power received proposed changes from Valard to the Coronavirus Management Plan that align with the Government of Ontario's guidance for Wataynikaneyap Power input.

- Wataynikaneyap Power accepted these changes and the revised COVID-19 management plan began to be implemented immediately on June 16, 2022.
  - This new CMP removes asymptomatic testing, the 'bubble' concept, social distancing as well as making masking optional among other changes.
  - Community requirements are still required to be respected as Valard is required to ensure they are following any restrictions required by each individual community.
  - The new CMP meets and exceeds the guidelines from the Chief Medical Officer of Health in Ontario and the Case and Contact Management Guidelines of Ontario.
  - The vaccine mandate remains in-effect.

MNRF reviewed instances of unpermitted cutting issues both self reported by Valard and through compliance activities conducted by the regulator and has issued 4 letters directly to Valard (Wataynikaneyap Power is not named) in relation to these errors.

- The MNRF has reserved the right to take further enforcement action.

Significant diesel fuel spill at Substation P resulting in 2000-4000 litres of fuel being released from a trans cube tank through a broken fuel filer on a genset.

- Project insurance has been notified with regular communication established.
  - Work continues with the insurance company to determine which parts of this claim fall under the pollution or builders policy.
  - Valard is required to cover any deductible.
- Current estimated costs is about 1 million dollars.
- A plan was accepted by the MECP which included the use of Microbiate and a Permeable Reactive Barrier to create a full remediation over a period of time.
- Subsequent to month end, the physical work towards remediation is near completion.

Multiple clearing related chainsaw injuries have occurred.

- PPE was in place for all injuries but a couple abrasions and lacerations occurred.
- Valard is currently going through an internal company approval process to improve the minimum requirements for chainsaw pants/chaps which will be based on chainsaw RPM.
- Valard sub-contractor involved in these incidents will no longer be asked back to perform work on this project going forward.

Incident Summary:

Unexpected Death – Valard – An unexpected death occurred at the Project. At this time, this incident is under investigation to determine if it was work related or not. The Ministry of Labour is still involved.

- **At this point, this incident will remain unclassified as parties have retained legal counsel which are managing this incident at this time between Valard and the MOL.**

Medical Aid – Valard – A worker sustained a laceration on their upper left leg while brush clearing.

First Aid – Valard –A worker brush cutting sustained a laceration to their knee; A worker sustained a laceration to their left index finger stripping cable with a knife.

Property Damage – Valard – While utilizing a zoom boom, the boom contacted the bus pipe causing it to bend the support bracket; A fire alarm was activated at Pipestone dorm D due to smoke emitting from the bathroom exhaust vent and roof insulation – the smouldering was extinguished.

Vehicle Incident – Valard – A worker driving swerved into the ditch to avoid a moose on the road in Savant Lake.

Environment – Valard – 8 non-reportable hydrocarbon spills (fuel, hydraulic oil, oil etc.).

Environment – Valard – 1 reportable spill – Ongoing spills during life of tank, a combination of overfill during filling operations and small spills from fueling vehicles and equipment.

The spill accumulating to 200L of diesel from the Pipestone fuel tank. Spill cleaned up and backfilled – samples taken at 3m depth and were below detection limits.
Environment Non-Compliances – Valard – Compressed gases without ULC/CSA approved regulators and general housekeeping at Pickle Lake Camp; Two oil pails left at AB-300 site; Non-compliances found during regular inspection at various locations, findings: materials stored in ditch/water flow at Substation B, silt fencing remediation required at Substation P, garbage/debris, spills trays required and garbage debris around tree/line at various camps and yards; A wood pile unburned at structure location BC-227; RoW access non-compliances include unmarked access along RoW between structures, matting effecting water flow, rutting, and flooding; Automatic shut off on the fuel nozzle was not working at Junction Camp; Fuel tank at Pipestone camp generator – diesel fuel spill onto the ground; Fuel tanks at Pipestone camp moved for clean up of spilled fuel and remediate the area.

APPENDIX C HAS BEEN FILED CONFIDENTIALLY IN ACCORDANCE WITH THE PRACTICE DIRECTION ON CONFIDENTIALITY FILINGS

Appendix D

Permits

MNRF Land Use Permit Amendment emails:

- RE_ Wataynikaneyap - LUP Application NSL V Egress.pdf
- RE_ Wataynikaneyap - S1 25kV LUP Amendment Application.pdf

MECP Environmental Compliance Approval/Environmental Activity Sector registry

- 1000172603-EASR_confirmation.pdf

NDMNRF Permit to Remove Forestry Resources Amendment

- 2022_P10001_Amendment
- 2022_P10004_Amendment
- 2022_P10006_Amendment
- 2022_P10007_Amendment

Transport Canada Aeronautical Assessment Forms

- ATS-21-22-00003073.pdf
- Z-LDU-100 Multiple Obstacle Bearskin Lake 2021-03-16 Crane.xlsx
- Z-LDU-100 Multiple Obstacle Bearskin Lake 2021-03-16 Tower.xlsx
- ATS-21-22-00003074.pdf
- Z-LDU-100 Multiple Obstacle Deer Lake 2021-03-16 Crane.xlsx
- Z-LDU-100 Multiple Obstacle Deer Lake 2021-03-16 tower.xlsx
- ATS-21-22-00003075.pdf
- Z-LDU-100 Multiple Obstacle Kasabonika 2021-03-16 Crane.xlsx

Z-LDU-100 Multiple Obstacle Kasabonika 2021-03-16 Tower.xlsx

APPENDICES E-P HAVE BEEN FILED CONFIDENTIALLY IN ACCORDANCE WITH THE PRACTICE DIRECTION ON CONFIDENTIALITY FILINGS

Appendix Q

Project Photographs

April 2022 Photographs

Photo 1: Slack spans AB-001

Photo 2: PQ stringing chopper

Photo 3: Puller set up at AB-024

Photo 4: PQ-006 tower signage

Photo 5: A-frame 3L3 span from Sub A to HONI Sub

Photo 6: Batteries installed at Sub A

Photo 7: Insulating stone installed at Sub D North Caribou

Photo 8: Crew glanding control cables at Sub J

Photo 9: Sub F – Bearskin Lake aerial shot

Photo 10: Sub E Muskrat Dam transformers

Photo 11: Breaker testing at Sub J Kingfisher

May 2022 Photographs

Photo 1: Substation A Air traps Sub A

Photo 2: Cranes used when crossing existing lines

Photo 3: Substation A insulative fence

Photo 4: Moose

Photo 5: Substation A SSVT panel locked and tagged

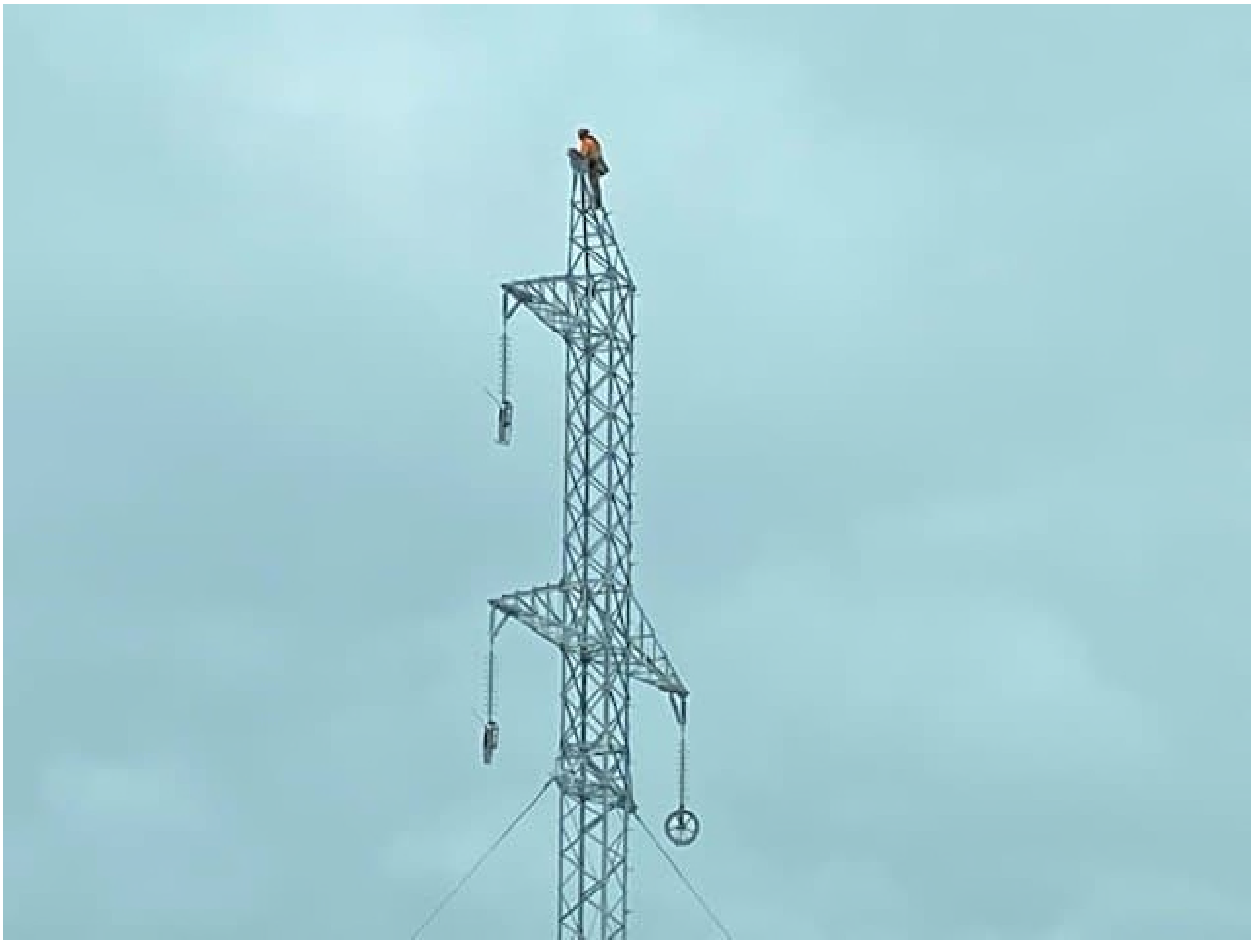


Photo 6: CJ Stringing – Crew to be picked up by helicopter

Photo 7: Substation I

Photo 8: Substation C and CD and BC lines

Photo 9: Substation J

June 2022 Photographs

Photo 1: PQ-60 – mats laid for monopole erection

Photo 2: D1 - 25kV Substation D

Photo 3: Substation Z – Sandy Lake yard

Photo 4: RT-0158 backfilling

Photo 5: RT-0118 drilling foundations

Photo 6: RT-181 and RT RoW

Photo 7: Substation Z – Sandy Lake assembly

Photo 8: Substation D – North Caribou

Photo 9: Substation U – Deer Lake

Photo 10: Line TU – RoW

Photo 11: Bear on Pickle Lake Highway

Photo 12: BC-355 H-Frame OPGW

Photo 13: Heli-portable stringing gear

Photo 14: Substation Q – new structure

Photo 15: Substation C – Signage installation

Photo 16: Substation D – Signage installation

Photo 17: Substation D – ID affixation

Photo 18: Substation I – Wunnumin Steel structures and insulators

Photo 19: Substation J – 44kV station equipment complete

Photo 20: Substation J – Kingfisher cable entrance to Control Building

Photo 21: Substation K – transformer containment rebar

Photo 22: Substation K – Wawakapewin Aerial