

# NORTH-WRIGHT AIR GEOTECHNICAL INVESTIGATION

## ENGAGEMENT PLAN - VERSION 3

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### 1. INTRODUCTION

North-Wright Air (North-Wright) has retained Stantec Architecture Ltd. (Stantec) to undertake a geotechnical investigation of the subsurface conditions at the Norman Wells Airport to support construction of a proposed new hangar.

This Engagement Plan (the Plan) was developed in accordance with the Mackenzie Valley Land and Water Board (MVLWB) Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits. The intent of the Plan is to show the communication and outreach activities undertaken with potentially affected parties prior to and during the geotechnical investigation. This is required to inform potentially affected parties of activities occurring in their community or region.

As the proposed geotechnical investigation occurs entirely within the Norman Wells Airport, and within the area leased by North-Wright, engagement activities will include notifications via email to Norman Wells Airport operations, and Nav Canada, the Town of Norman Wells and the Norman Wells Land Corp. Notification letters will be distributed to nearby residents and businesses.

### 2. PROPONENT

North-Wright is the proponent for the geotechnical investigation. North-Wright's contact for this project is as follows:

Travis Wright  
President  
North-Wright Air  
5 Canol Road, Bag Service 2200  
Norman Wells, NT  
X0E 0V0

[Info@north-wrightairways.com](mailto:Info@north-wrightairways.com)

### 3. PROJECT DESCRIPTION

North-Wright plans to conduct a geotechnical investigation in support of construction of a new hangar at the Norman Wells Airport. The proposed project is to complete a geotechnical investigation at the proposed hangar location, which will consist of a field drilling program, and a laboratory materials-testing program.

The geotechnical investigation is anticipated to occur between April 1 and May 30, 2024. The investigation will take approximately two to three days to complete and will consist of the following:

- Prior to the investigation, existing utilities will be reviewed and identified for avoidance.
- Drilling five boreholes (6" diameter), advanced to approximately 6 m depth.
- It is anticipated that soil sampling will consist of grab samples directly off solid stem augers.
- A thermistor will be installed on one borehole for ground temperature monitoring, and a standpipe monitoring well will be installed in another for ground water level monitoring.
- Monitoring equipment will be removed when construction of the new hangar occurs.
- Boreholes/well installations will be backfilled with excess soil (drill cuttings) generated during drilling.

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Prior to mobilizing to the project location, Stantec will prepare a Health and Safety Plan (HSP) in accordance with territorial guidelines and Stantec's health and safety program. The HSP will provide clear direction to project personnel, sub-contractors, and site visitors. The task-specific, site specific HSP will include a description of the proposed work, hazard recognition and assessment, hazard control, incident reporting and investigation and emergency response details.

Stantec is anticipating using local contractor Midnight Sun Drilling Inc. (Midnight Sun) to complete the field drilling program. Midnight Sun will operate a track mounted multi-power Locust auger/air rotary/RC drill rig (see photo below).



**Photo 1. Proposed Multi-Power Locust Auger/Air Rotary/RC Drill Rig**

Wastes generated during the geotechnical investigation will be managed according to a Waste Management Plan (WMP). In the event of a spill incident, the spill will be responded to and cleaned up in accordance with a Spill Contingency Plan.

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#### Engagement Plan

| When                                | Purpose               | Who will be engaged             | Engagement Method  |
|-------------------------------------|-----------------------|---------------------------------|--------------------|
| Prior to geotechnical investigation | Notification of works | Norman Wells Airport Operations | Email notification |
| Prior to geotechnical investigation | Notification of works | Nav Canada                      | Email notification |
| Prior to geotechnical investigation | Notification of works | Nearby residents/businesses     | Flier distribution |
| Prior to geotechnical investigation | Notification of works | Norman Wells Land Corp          | Email notification |
| Prior to geotechnical investigation | Notification of works | Town of Norman Wells            | Email notification |

#### Engagement Log

| Date              | Attendees/Recipients                                 | Engagement Activity Type | Topic  | Recommendations and Comments  | Proponent Response to issue   |
|-------------------|--|--------------------------|--|---|---|
| February 15, 2024 | Trevor Smith – Norman Wells Regional Airport Manager | Phone call               | Notification and safety requirements on airport property | <ul style="list-style-type: none"> <li>North-Wright has their own access gate so limit access to that area.</li> <li>Stay within hangar area so equipment is below height of building</li> <li>North-Wright personnel with AVOP to escort workers onsite</li> <li>Trevor will notify NAVCAN once dates are determined for work</li> </ul> | All direction will be followed as discussed, all issues resolved              |
| April 2, 2024     | Town of Norman Wells                                 | Email                    | Notification of works                                    | <ul style="list-style-type: none"> <li>No response</li> </ul>   | None  |
| April 2, 2024     | Norman Wells Land Corp                               | Email                    | Notification of works                                    | <ul style="list-style-type: none"> <li>No response</li> </ul>   | None  |
| April 2, 2024     | Nearby residents/businesses                          | Fliers                   | Notification of works                                    | <ul style="list-style-type: none"> <li>Concerns regarding removal of trees were expressed</li> </ul>  | Resident was assured no tree removal is required for the geotechnical program |

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**ENGAGEMENT PLAN - VERSION 3**

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**Project Contacts**

| <b>North-Wright Air</b>  | <b>Stantec Architecture Ltd.</b>  |
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| Travis Wright<br>President, North-Wright Air<br>Phone: 867-587-2288<br>Email: info@north-writhgairways.com | Steffen Karl<br>Drilling Supervisor<br>Phone: 780-239-8710<br>Email: Steffen.karl@stantec.com |

**Appendices**

Appendix A    Notice of Geotechnical Drilling Program

**Appendix A: Notice of Geotechnical Drilling Program**