

PRELIMINARY SCREENING REPORT FORM

PRELIMINARY SCREENER: Government of the Northwest Territories Environment and Natural Resources Regulatory and Permitting Division	PROPONENT NAME: Northland Utilities PROJECT NAME: Pesticide Application Permit
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PART 1:

Type of Development:

(check all that apply)

- New Development
- Amendment
- Renewal
- Authorization required
- Does not require an authorization

Project Summary

On behalf of Northland Utilities (NWT) Ltd, Sure Shot Environmental Ltd. will conduct industrial vegetation control for weeds and woody brush around electrical substations. For the pesticide application, they will be using a truck with mounted tanks and a hose and handgun method. They will undertake this work within the Pine Point Block Land Transfer in the South Slave region of the NWT on Commissioner's Land within the transmission Line right-of-way. All work will be performed by trained and certified contractors.

Scope

Perform vegetation control with pesticides to suppress weed and woody brush growth near electrical substations in the Pine Point area. All vegetation control measures using pesticides will be in accordance with the *Pesticide Act* and Pesticide Regulations.

Type of ENR Authorization

(check the authorization that applies)

- Forest Management Agreements
- Timber Cutting Permit (>5000m³ burned wood or > 1100 m³ of other timber)
- Timber Cutting Licence
- Mill Licence
- Burning Permits (area > 25m³)

- Pesticide Application Permit
- Harvest of Wildlife for a Commercial Purpose
- Wildlife Business Licence
- Commercial Wildlife Licence
- Game Farm Licence
- Wildlife Management Permit

- General Wildlife Permit
- Licence to Capture Wildlife
- Licence to Capture Gyrfalcons for Commercial Purposes
- Licence to Import Live Wildlife
- Licence to Export Live Wildlife
- Licence to a Reindeer Owner for Grazing Allotment within a Reserve

- Protected Area Land Withdrawal
- Territorial Park

- Non-Application
- Other _____

Principal Activities

(check all that apply)

- | | | |
|--|---|---------------------------------------|
| <input type="checkbox"/> Construction | <input type="checkbox"/> Exploration | <input type="checkbox"/> Aerial |
| <input type="checkbox"/> Decommissioning | <input type="checkbox"/> Installation | <input type="checkbox"/> Industrial |
| <input type="checkbox"/> Abandonment | <input checked="" type="checkbox"/> Maintenance | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Expansion | <input type="checkbox"/> Harvesting | <input type="checkbox"/> Solid Waste |
| <input checked="" type="checkbox"/> Operation | <input type="checkbox"/> Camp | <input type="checkbox"/> Sewage |
| <input type="checkbox"/> Repair | <input type="checkbox"/> Scientific/ Research | <input type="checkbox"/> Water Intake |
| <input type="checkbox"/> Linear / Corridor | <input type="checkbox"/> Municipal | <input type="checkbox"/> Quarry |
| <input checked="" type="checkbox"/> Other: _____ | apply pesticides for vegetation control | |

Principal Development Components:

- | | |
|--|---|
| <input type="checkbox"/> Abandonment/removal | <input type="checkbox"/> Disposal of hazardous waste |
| <input type="checkbox"/> Access Road | <input type="checkbox"/> Disposal of sewage |
| <input type="checkbox"/> Automobile, Aircraft or Vessel Movement | <input type="checkbox"/> Ditch Construction |
| <input type="checkbox"/> Blasting | <input type="checkbox"/> Drainage Alteration |
| <input type="checkbox"/> Borehole core sampling | <input type="checkbox"/> Drilling other than Geoscientific |
| <input type="checkbox"/> Building | <input type="checkbox"/> Ecological Surveys |
| <input type="checkbox"/> Bulk soil sampling | <input type="checkbox"/> Excavation |
| <input type="checkbox"/> gravel | <input type="checkbox"/> Explosive Storage |
| <input type="checkbox"/> hydrological testing | <input type="checkbox"/> Fuel Storage |
| <input type="checkbox"/> site restoration | <input type="checkbox"/> Geoscientific sampling |
| <input type="checkbox"/> fertilization | <input type="checkbox"/> Modification e.g., widening, straightening |
| <input type="checkbox"/> grubbing | <input type="checkbox"/> Sewage |
| <input type="checkbox"/> planting/seeding | <input type="checkbox"/> Slashing and removal of vegetation |
| <input type="checkbox"/> reforestation | <input type="checkbox"/> Soil Testing |
| <input type="checkbox"/> scarify | <input type="checkbox"/> Stream Crossing/Bridging |
| <input checked="" type="checkbox"/> spraying | <input type="checkbox"/> Waste management |
| <input type="checkbox"/> recontouring | <input type="checkbox"/> Waste generation |
| <input type="checkbox"/> Burning | <input type="checkbox"/> Topsoil, Overburden or Soil |
| <input type="checkbox"/> Burying | <input type="checkbox"/> disposal |

- | | |
|--|--|
| <input type="checkbox"/> Channeling | <input type="checkbox"/> fill |
| <input type="checkbox"/> Construction | <input type="checkbox"/> removal |
| <input type="checkbox"/> Cut and Fill | <input type="checkbox"/> storage |
| <input type="checkbox"/> Cutting of Trees or Removal of Vegetation | <input type="checkbox"/> Trenching |
| <input type="checkbox"/> Construction | <input type="checkbox"/> Tunneling/Underground |
| <input type="checkbox"/> Abandonment/Removal | <input type="checkbox"/> Other (describe): |
| <input type="checkbox"/> Modification | |

PART 2:

NTS Topographic Map Sheet Numbers (*List all that apply*)

Pine Point – 085B

NTS Map Sheet #s:

Latitude / Longitude and UTM System:

Pine Point 60°52'01.2"N 114°25'45.5"W

Nearest Community and Water Body:

The nearest communities are Kát'odeeche First Nation Community, Fort Resolution and Hay River. All communities are 50-70 km away from the site. The Great Slave Lake is approximately 9 km away from the site.

Land Status

- | | |
|--|---|
| <input type="checkbox"/> Free Hold / Private | <input type="checkbox"/> Federal Crown Land |
| <input checked="" type="checkbox"/> Commissioners Land | <input type="checkbox"/> Municipal Land |

Transboundary Implications

- | | | |
|---|---|---------------------------------------|
| <input type="checkbox"/> British Columbia | <input type="checkbox"/> Alberta | <input type="checkbox"/> Saskatchewan |
| <input type="checkbox"/> Manitoba | <input type="checkbox"/> Nunavut | <input type="checkbox"/> Yukon |
| <input type="checkbox"/> Wood Buffalo National Park | <input type="checkbox"/> Inuvialuit Settlement Region | |

Type of Transboundary Implication:

- | | | |
|--|--------------------------------------|--|
| <input type="checkbox"/> Impact / Effect | <input type="checkbox"/> Development | <input type="checkbox"/> Public Concern: |
|--|--------------------------------------|--|

Describe: N/A

PART 3:

PHYSICAL - CHEMICAL EFFECTS

IMPACT

MITIGATION

CONDITION

1. Ground Water

water table alteration

water quality changes

infiltration changes

other

N/A

No impacts are expected based on the proposed pesticide application or associated activities.

IMPACT

MITIGATION

CONDITION

2. Surface Water

flow or level changes

water quality changes

water quantity changes

drainage pattern changes

temperature

wetland changes /loss

other:

There is potential for surface water impacts, however risks are mitigated by using proper spray techniques, only applying pesticides approved by Health Canada, and establishing and working within buffer zones. Additionally spraying will only occur in suitable weather conditions.

N/A

IMPACT

MITIGATION

CONDITION

3. Noise

noise in/near water

other: noise increase

N/A

IMPACT

MITIGATION

CONDITION

4. Land

- geologic structure changes
- soil contamination
- buffer zone loss
- soil compaction & settling
- Destabilization/erosion
- permafrost regime alteration
- other:
- N/A

No impacts are expected based on the proposed pesticide application or associated activities.

IMPACT

MITIGATION

CONDITION

5. Non-Renewable Resources

- resource depletion
- other:
- N/A

No impacts are expected based on the proposed pesticide application or associated activities.

IMPACT

MITIGATION

CONDITION

6. Air/Climate/Atmosphere

- other
- N/A

No impacts are expected based on the proposed pesticide application or associated activities.

BIOLOGICAL ENVIRONMENT

IMPACT

MITIGATION

CONDITION

7. Vegetation

- species composition
- species introduction
- toxic/heavy accumulation
- other:
- N/A

Chemical and mechanical control of undesirable and noxious vegetation is limited to the Pine Point Substation. Risk of run-off and spray drift is mitigated by using proper spray techniques, low-risk herbicides, establishing and working within buffer zones, and only spraying in suitable weather conditions.

IMPACT**MITIGATION****CONDITION****8. Wildlife & Fish**

- effects on rare, threatened or endangered species
- fish population changes
- waterfowl population changes
- breeding disturbance
- population reduction
- species diversity change
- health changes
- behavioral changes
- habitat changes / effects
- game species effects
- toxins / heavy metals
- forestry changes
- agricultural changes
- other:
- N/A

No impacts are expected based on the proposed pesticide application or associated activities.

INTERACTING ENVIRONMENT**IMPACT****MITIGATION****CONDITION****9. Habitat & Communities**

- predator-prey
- wildlife habitat/ecosystem
- composition changes
- keystone/endangered species
- wildlife corridor/buffer zone
- other:
- N/A

No impacts are expected based on the proposed pesticide application or

associated activities.

IMPACT

MITIGATION

CONDITION

10. Social and Economic

- planning / zoning changes or conflicts
- increase in urban facilities or services use
- rental house
- airport operations / capacity changes
- human health hazard
- impair the recreational use of water or aesthetic quality
- affect water use for other purposes
- affect other land use operations

- quality of life changes
- public concern
- other:
- N/A

No impacts are expected based on the proposed pesticide application or associated activities. The permit holder will be required to post signs warning workers and the public that pesticide spraying is taking place in the area. Public access will also be restricted during and after the spraying.

IMPACT

MITIGATION

CONDITION

11. Cultural and Heritage

- affects to historic property
- increased economic pressure on historic properties
- change to or loss of historic resources
- change to or loss of archaeological resources

increased pressure on archaeological sites

change to or loss of aesthetically important site

affects to aboriginal lifestyle

other:

N/A

No impacts are expected based on the proposed pesticide application or associated activities.

PART 4:

PRELIMINARY SCREENER / Distribution List

Bathurst Inlet Development Ltd.

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**FORM 1
APPLICATION FOR A
PESTICIDE APPLICATION PERMIT**

**1^{er} FORMULAIRE
DEMANDE DE PERMIS POUR
L'APPLICATION DE PESTICIDES**

Part 1 / 1^{re} partie

Name of Applicant: Nom du demandeur : Jordan Cleary (Northland Utilities (NWT) Ltd)	Telephone Number: Numéro de téléphone : 867-446-4020
Address: Adresse : 1-66 Woodland Drive	Postal Code: Code postal : X1A 3R9

Part 2: All persons who will apply the pesticide. / 2^e partie : Personnes qui appliqueront les pesticides.

Name: Nom : Paul Boutilier (Sure Shot Environmental Ltd)	Telephone Number: Numéro de téléphone : 780-719-2359
Address: Adresse : 5622 Wolf Creek Drive, Lacombe, AB	Postal Code: Code postal : T4L 2H2

Name: Nom :	Telephone Number: Numéro de téléphone :
Address: Adresse :	Postal Code: Code postal :

Part 3: Training and experience of persons listed under section 2. / 3^e partie : Formation et expérience des personnes énumérées dans la 2^e partie.

See attached Pesticide Applicator Certificate of Qualification No. LCA21039, including Pesticide Service Registration No. 437292-00-02.

Part 4: Details of proposed storage of pesticides. / 4^e partie : Renseignements sur l'entreposage proposé des pesticides.

Pesticide Trade Name Nom commercial du pesticide	P.C.P. Number Numéro d'enregistrement de produit antiparasitaire	Rate of Application Dose d'application	Total Quantity Quantité totale	Number of Applications Nombre d'applications	Frequency of Applications Fréquence d'application
Round-Up WeatherPro	33653	4L/ha	0.54 L	1	Annually
Esplanade SC	31333	0.375L/ha	0.051 L	1	Annually
Navius FLEX	30922	167g/ha	22.5 grams	1	Annually
Gateway (Adjuvant)	31470	2L/ha	0.27 L	1	Annually

Part 5: Method of application and equipment to be used. / 5^e partie : Mode d'application et équipement.

Ford 550 with 2x750L Tanks. Total Quantity of pesticide to be applied is 335L of solution. Solution per hectare is 750L/ha.

Application completed utilizing a hose and handgun method

Area is expected to be approx 1,350 square meters.

One spraying event/application is planned for this location with date TBD.

Part 6: Purpose of application. / 6^e partie : Raison de l'application.

For control of weeds and woody brush in and around the Electrical Substations.

Part 7: Proposed dates of application. / 7^e partie : Dates d'application proposées

From / De 12/03/25 to / à 30/09/25
(Day/Month/Year) / (jour-mois-année) (Day/Month/Year) / (jour-mois-année)

Part 8: Proposed method of disposal of surplus pesticides and pesticide containers. / 8^e partie : Mode proposé d'élimination des quantités excédentaires de pesticides et des contenants à pesticides.

Pesticide Trade Name Nom commercial du pesticide	P.C.P. Number Numéro d'enregistrement de produit antiparasitaire	Disposal Method of Pesticide Mode d'élimination des pesticides	Disposal Method of Pesticide Container Mode d'élimination des contenants à pesticides
Round-Up WeatherPro	33653	Surplus pesticide to be used in other ATCO Electric facilities in Northern Alberta	Pesticide containers disposed at pesticide container disposal facilities located in Alberta (Triple Rinse)
Esplanade SC	31333	Surplus pesticide to be used in other ATCO Electric facilities in Northern Alberta	Pesticide containers disposed at pesticide container disposal facilities located in Alberta (Triple Rinse)
Navius FLEX	30922	Surplus pesticide to be used in other ATCO Electric facilities in Northern Alberta	Pesticide containers disposed at pesticide container disposal facilities located in Alberta (Triple Rinse)
Gateway (Adjuvant)	31470	Surplus pesticide to be used in other ATCO Electric facilities in Northern Alberta	Pesticide containers disposed at pesticide container disposal facilities located in Alberta (Triple Rinse)

Part 9: A map of the geographical area over which the pesticide will be applied showing the specific places where the pesticide will be applied is attached. / 9^e partie : Avez-vous joint une carte de la zone géographique montrant les endroits précis où les pesticides seront appliqués.

Yes / Oui No / Non

Part 10: Proof of the public liability insurance is attached. / 10^e partie : Avez-vous joint la preuve d'assurance-responsabilité civile?

Yes / Oui No / Non

Part 11: Have you attached proof of payment of any assessment under the *Workers' Compensation Act*? / 11^e partie : Avez-vous joint la preuve de paiement de toutes les évaluations effectuées en vertu de la *Loi sur les accidents du travail*?

Yes / Oui No / Non

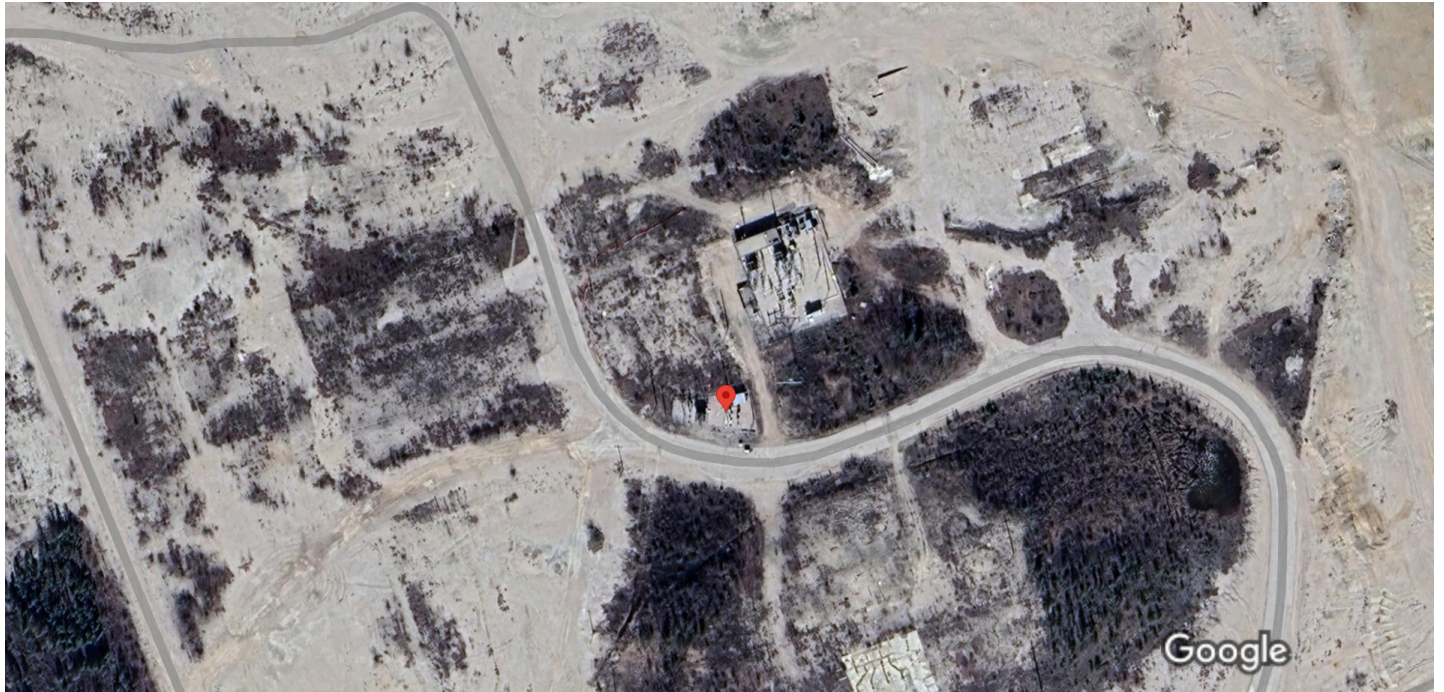
March 12, 2025

Date

Signature of Applicant or Officer of Applicant Corporation
Signature du demandeur ou de l'agent de la société requérante

60°52'01.2"N 114°25'45.5"W

842S Pine Point Substation



Imagery ©2025 Airbus, Maxar Technologies, Map data ©2025 100 ft



60°52'01.2"N 114°25'45.5"W

60.866987, -114.429291



Directions



Save



Nearby



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phone



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95G7VH8C+Q7