



Mr. Mark Cliffe-Phillips
Executive Director
Mackenzie Valley Environmental Impact Review Board
BOX 938
YELLOWKNIFE, NT X1A 2N7

MAY 28 2018

Dear Mr. Cliffe-Phillips:

Pesticide Application Permit – Northwest Territories Power Corporation

Please be advised the Department of Environment and Natural Resources (ENR) has completed the review and Preliminary Screening of the above application pursuant to section 3(1) of the Pesticide Regulations. ENR has determined through the Preliminary Screening process that there are no significant public or environmental concerns with respect to this proposed project that cannot be addressed through the conditions of the permit.

In the enclosed package, you will find the Preliminary Screening Report Form as well as comments provided by reviewers on the proposed activity.

Accordingly, ENR intends to issue a pesticide application Permit to the Northwest Territories Power Corporation in respect of this application on or after May 31, 2018.

If you have any questions regarding the above notification, please contact me at 867-767-9236 Ext. 53182.

Sincerely,

Michael Martin
Hazardous Substance Specialist

Cc Mr. Troy Ellsworth, Regional Superintendent, ENR
Mr. Bruno Croft, Regional Superintendent, ENR
Mr. Julian Kanigan, A/Director – Conservations, Assessment and Monitoring, ENR
Mr. Matthew Miller, Senior Environmental Licencing Specialist, Northwest Territories Power Corporation

PRELIMINARY SCREENING REPORT FORM

PRELIMINARY SCREENER: GNWT-ENR REFERENCE / FILE NUMBER: P4-1802 TITLE: Pesticide Application – Industrial vegetation Control ORGANIZATION: Northwest Territories Power Corporation MEETING DATE: May 25, 2018	EIRB REFERENCE NUMBER:
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- Type of Development:**
(CHECK ALL THAT APPLY)
- | | | |
|-------------------------------------|---|--|
| <input checked="" type="checkbox"/> | New | |
| <input type="checkbox"/> | Amend, EIRB Ref. # | |
| <input checked="" type="checkbox"/> | Requires permit, license or authorization | |
| <input type="checkbox"/> | Does not require permit, license or authorization | |

Project Summary

Activities: Vegetation control using herbicides and hand-operated mechanical equipment throughout various substations which the Northwest Territories Power Corporation (NTPC) operates.
 Equipment: UTV/ATV-mounted sprayers, backpack sprayers, brush saws, weed trimmers.
 Area: Various substations located throughout the North and South Slave Regions and immediate perimeter around substation. The locations of the various substations that will be under this Pesticide Application Permit are included in Attachment 2.
 Timeframe: June-September.

Scope

Perform vegetation control using herbicides and hand-operated equipment to remove all undesirable and noxious vegetation from hydro substations. Vegetation within substations poses a risk to workers and facilities and must be removed to ensure worker safety and reliability of the electrical. All vegetation control measures will be in accordance with the Pesticide Act and Pesticide Regulations.

Land Use Eligibility - Section 18 Mackenzie Valley Land Use Regulations

- | Type of Disposition | Disposition Number(s) |
|--|-----------------------|
| <input type="checkbox"/> Mineral Claims | |
| <input type="checkbox"/> Oil and Gas: EL/SDL/PL | |
| <input type="checkbox"/> Quarry Permit | |
| <input type="checkbox"/> Timber Permit | |
| <input checked="" type="checkbox"/> Other – Pesticide Application Permit | |

Principal Activities (related to scoping)
(CHECK ALL THAT APPLY)

- | | | |
|---|--|--|
| <input type="checkbox"/> Construction | <input type="checkbox"/> Exploration | <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"/> Aerial |
| <input type="checkbox"/> Expansion | <input type="checkbox"/> Municipal | <input type="checkbox"/> Harvesting |
| <input checked="" type="checkbox"/> Operation | <input type="checkbox"/> Quarry | <input type="checkbox"/> Camp |
| <input type="checkbox"/> Repair | <input type="checkbox"/> Linear / Corridor | <input type="checkbox"/> Scientific/ |
| <input type="checkbox"/> Research | <input type="checkbox"/> Sewage | <input type="checkbox"/> Solid Waste |
| <input type="checkbox"/> Water Intake | | |
| <input checked="" type="checkbox"/> Other: | | |

Maintenance of substations throughout the North and South Slave Electrical Grids

Principal Development Components (related to scoping)

- | | |
|--|--|
| <input type="checkbox"/> Access Road
<input type="checkbox"/> construction
<input type="checkbox"/> abandonment/removal
<input type="checkbox"/> modification e.g., widening, straightening
<input type="checkbox"/> Automobile, Aircraft or Vessel Movement
<input type="checkbox"/> Blasting
<input type="checkbox"/> Building
<input type="checkbox"/> Burning
<input type="checkbox"/> Burying
<input type="checkbox"/> Channeling
<input type="checkbox"/> Cut and Fill
<input checked="" type="checkbox"/> Cutting of Trees or Removal of Vegetation
<input type="checkbox"/> Dams and Impoundments
<input type="checkbox"/> construction | <input type="checkbox"/> Waste Management
<input type="checkbox"/> disposal of hazardous waste
<input type="checkbox"/> waste generation
<input type="checkbox"/> Sewage
<input type="checkbox"/> disposal of sewage
<input type="checkbox"/> Geoscientific Sampling
<input type="checkbox"/> trenching
<input type="checkbox"/> diamond drill
<input type="checkbox"/> borehole core sampling
<input type="checkbox"/> bulk soil sampling
<input type="checkbox"/> Gravel
<input type="checkbox"/> Hydrological Testing
<input type="checkbox"/> Site Restoration
<input type="checkbox"/> fertilization |
|--|--|

- abandonment/removal
- modification
- Ditch Construction
- Drainage Alteration
- Drilling other than Geoscientific
- Ecological Surveys
- Excavation
- Explosive Storage
- Fuel Storage
- Topsoil, Overburden or Soil
 - fill
 - disposal
 - removal
 - storage

- grubbing
- planting/seeding
- reforestation
- scarify
- spraying
- recontouring
- Slashing and removal of vegetation
- Soil Testing
- Stream Crossing/Bridging
- Tunnelling/Underground
- Other (describe):

NTS Topographic Map Sheet Numbers
(LIST ALL THAT APPLY)

Latitude / Longitude and UTM System:

Area	GPS Location
Fort Smith Substation	60°01'32.32"N 111°53'02.16"W
Pine Point Substation	60°52'7.47"N 114°25'42.64"W
Jackfish Lake Substation	62°28'10.08"N 114°22'55.54"W
Ingraham Trail Substation	62°31'16.84"N 114°11'54.47"W
Snare Rapids Substation	63°33'17.99"N 115°56'28.61"W
Snare Falls Substation	63°26'20.95"N 116°11'13.12"W
Snare Falls Tie Substation	63°26'11.75"N 116°11'9.05"W
Snare Cascades Substation	63°25'15.53"N 116°13'24.40"W
Snare Forks Substation	63°19'32.92"N 116°17'51.65"W
Bluefish Substation	62°40'20.43"N 114°15'43.50"W
Sand Hills	60°08'57.96"N, 113°33'00.85"W

Nearest Community and Water Body:

The locations of the various substations that will be under this Pesticide Application Permit are included in Attachment 2.

Land Status (consultation information)

- Free Hold / Private
 Commissioners Land
 Federal Crown Land
 Municipal Land

Transboundary/Transregional Implications

- British Columbia
 Alberta
 Saskatchewan
 Yukon
 Nunavut
 X Wood Buffalo National Park
 Inuvialuit Settlement Region
 X Wek'èezhii
 Gwich'in
 Sahtu

Type of Transboundary Implication:
 Impact / Effect
 Development

Public Concern _____
(DESCRIBE)

PHYSICAL - CHEMICAL EFFECTS

IMPACT

1. Ground Water

MITIGATION

**CONDITION SECTION
LOCATION 26(1)**

- water table alteration
- water quality changes
- infiltration changes
- other
- X N/A

IMPACT 2. Surface Water	MITIGATION	CONDITION SECTION LOCATION 26(1)
<input type="checkbox"/> flow or level changes		
<input type="checkbox"/> water quality changes		
<input type="checkbox"/> water quantity changes		
<input type="checkbox"/> Drainage pattern changes		
<input type="checkbox"/> temperature		
<input type="checkbox"/> wetland changes / loss		
<input type="checkbox"/> other:		
X N/A		

IMPACT 3. Noise	MITIGATION	CONDITION SECTION LOCATION 26(1)
<input type="checkbox"/> noise in/near water		
<input type="checkbox"/> other: noise increase		
X N/A		

IMPACT 4. Land	MITIGATION	CONDITION SECTION LOCATION 26(1)
<input type="checkbox"/> geologic structure changes		
<input type="checkbox"/> soil contamination		
<input type="checkbox"/> buffer zone loss		
<input type="checkbox"/> soil compaction & settling		
<input type="checkbox"/> Destabilization / erosion		
<input type="checkbox"/> permafrost regime alteration		
<input type="checkbox"/> other: explosives/scarring		
X N/A		

IMPACT 5. Non Renewable Natural Resources	MITIGATION	CONDITION SECTION LOCATION 26(1)
<input type="checkbox"/> resource depletion		
<input type="checkbox"/> other:		
X N/A		

IMPACT 6. Air/Climate/ Atmosphere	MITIGATION	CONDITION SECTION LOCATION 26(1)
<input type="checkbox"/> Other		
X N/A		

BIOLOGICAL ENVIRONMENT

IMPACT

1. Vegetation

- species composition
- species introduction
- toxin / heavy accumulation

X other:

MITIGATION

Chemical and mechanical control of undesirable and noxious vegetation is limited to the hydro substations. Risk of run-off and spray drift is mitigated by using proper spray techniques, trained applicators, low-risk herbicides, establishing and working within buffer zones in accordance with legislation, and only spraying in suitable weather conditions.

**CONDITION SECTION
LOCATION 26(1)**

N/A

IMPACT

2. Wildlife & Fish

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

MITIGATION

**CONDITION SECTION
LOCATION 26(1)**

X N/A

INTERACTING ENVIRONMENT

IMPACT

**1. Habitat and
Communities**

- predator-prey
- wildlife habitat / ecosystem
Composition changes
- reduction / removal of
keystone or endangered
species

MITIGATION

**CONDITION SECTION
LOCATION 26(1)**

removal of wildlife corridor or buffer zone

other:

X N/A

IMPACT
2. Social and Economic

MITIGATION

CONDITION SECTION
LOCATION 26(1)

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:

X N/A

IMPACT
3. Cultural and Heritage

MITIGATION

CONDITION SECTION
LOCATION 26(1)

effects 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

effects to aboriginal lifestyle

other:

X N/A

NOTES:

Organization	Impact/Concern	Mitigation
WRRB	Potential for accidental discharge of pesticides to water body/course if transported by float plane or boat .	If pesticides are transported by boat or float plane, they will be placed in sealed containers and secured to mitigate a potential accidental release into a water body/course
Parks Canada	Consider using mechanical vegetation control at substations that fall within the boundaries of Wood Buffalo national Park. If herbicides are used a Basic Impact Analysis (BIA) will be required	Mowers and weed trimmers in the past but that has proven not to be sufficient to control the vegetation in the substations. The spraying is to keep the soil resistivity at approximately the same Ground Potential Rise (GPR) as the nearby grounded equipment during a fault. This is being completed in all of our substations to mitigate the health and safety risks for our staff when they enter the substations so we believe herbicide is the solution NTPC will work with Parks Canada on Developing a BIA for areas under Parks Canada Jurisdiction.
Department of Fisheries and Oceans	Based on this information, there is uncertainty regarding impacts to fish and fish habitat. If the pesticides will be applied on land to treat terrestrial plants, that would not fall under our mandate. However, if the pesticides are to removed aquatic vegetation than more details are necessary and the proponent should submit a request for review form to DFO. Environment and Climate Change Canada should be contacted regarding this file, if you have not already done so.	The herbicides will only apply on land to treat terrestrial plants.
Department of Infrastructure – GNWT	No issues identified during the review	N/A
Department of Environment and Natural Resources - GNWT	No comments or recommendations at this time	N/A
Department of Lands - GNWT	Provide rationale for applying herbicides over alternative options. Provide alternative options to herbicide application. Herbicides should not be applied to water. Herbicide should not be applied during potential precipitation events Pesticides should have adequate warning signs Pine Point Mining Ltd and Teck Metals Ltd must be notified prior to application in the Pine Point Area	The rationale for this project is that the Northwest Territories Power Corporation has used mowers and weed trimmers in the past but that has proven not to be sufficient to control the vegetation in the substations. The vegetation in the substations is a safety hazard as it can increase the risk of arc flashes occurring. Local community members are not qualified to enter the stations. The spraying is to keep the soil resistivity at approximately the same Ground Potential Rise (GPR) as the nearby grounded equipment during a fault. This is being completed in all of our substations to mitigate the health and safety risks for our staff when they enter the substations so we believe herbicide is the solution here. <ul style="list-style-type: none"> • Herbicides will not be applied to water • Herbicides will not be applied adjacent to water when significant rain is in the forecast. • There is no need for signs as the areas where herbicides are applied are within a fenced off area. If herbicides are applied outside the fenced areas in developed areas signs will be posted during application. • Pine Point Mining Limited, and Teck Metals Limited will be informed before applying in the Pine Point area

PRELIMINARY SCREENER / REFERRING BODY INFORMATION

Parties to be engaged are listed below in Table 1:

Table 1- Distribution List		
Organization	User	Email
Community Government of Gameti	Judal Dominicata	SAO@gameti.org
Community Government of Whati	Lisa Nitsiza	SAO@whati.ca
Community Government of Behchoko	Louisa Wedzin	SAO@behchoko.ca
Dene Nation	Not Applicable	lands@denenation.com
Deninu K'ue First Nation	Not Applicable	admin@dkfn.ca
Fort Smith Metis Council	Not Applicable	fortsmithmetiscouncil@northwestel.net
Fort Resolution Metis Council	Not Applicable	frmc@northwestel.net
Hamlet of Fort Resolution	Tausia Kaitu'u-Lal	tausia.sao@gmail.com
Hay River Metis Government Council	Not Applicable	hrcm@northwestel.net
K'at'l'Odeeché First Nation	Not Applicable	hrcb@katlodeeche.com
Lutsel K'e Dene First Nation	Not Applicable	lkdfnlands@gmail.com
North Slave Metis Alliance	Shin Shiga	shin.shiga@nsma.net
North Slave Metis Alliance	Not Applicable	heritage@nsma.net
Salt River First Nation	Allen Stanzell	ceo.srfn@northwestel.net
Smith's Landing First Nation	Becky Kostka	lands@slfn196.com
Tlicho Government	Zabey Nevitt	zabeynevitt@tlicho.com
Yellowknives Dene First Nation	Alex Power	apower@ykdene.com
West Point First Nation	Not Applicable	land@wpfn.ca
MVEIRB	Not Applicable	preliminaryscreening@reviewboard.ca
MVLWB	Shelagh Montgomery	smontgomery@mvllwb.com
WLWB	Ryan Fequet	rfequet@wlwb.ca
WRRB	Jody Pellissey	jpellissey@wrrb.ca
City of Yellowknife	Sheila Bassi-Kellett	sbassi-kellett@yellowknife.ca
Town of Fort Smith	Keith Morrison	kmorrison@fortsmith.ca
Town of Hay River	Judy Goucher	sao@hayriver.com
GNWT – ENR	Patrick Clancy	Patrick.Clancy@gov.nt.ca ;
GNWT – HSS	Not Applicable	Environmental_Health@gov.nt.ca
GNWT - INF	Stu Niven	Stu.Niven@gov.nt.ca
GNWT – ITI	Peter Fast	Peter.Fast@gov.nt.ca
GNWT - MACA	Olivia Lee	Olivia.Lee@gov.nt.ca
GNWT - LANDS	Lorraine Seale	Lorraine.Seale@gov.nt.ca
WSCC	Melanie Murphy	Melanie.Murphy@wscc.nt.ca
DFO	Not Applicable	fisheriesprotection@dfo-mpo.gc.ca
ECCC	Not Applicable	ec.ea.nwt.ec@canada.ca
NPMO	Adrian Paradis	adrian.paradis@canada.ca
PC	Jonah Mitchell	jonah.mitchell@canada.ca
NTPC	Matthew Miller	mmiller@ntpc.com

REASONS FOR DECISION
(LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

DECISION:

The Department of Environment and Natural Resources (ENR) is satisfied that the preliminary screening of application for a Pesticide Application Permit by the Northwest Territories Power Corporation for industrial vegetation control at their sub-stations in the North Slave and South Slave Administrative Regions has been completed in accordance with Section 125 of the *Mackenzie Valley Resource Management Act*.

ENR is satisfied that a reasonable period of notice was given to Communities and First Nations affected by the application as required by Subsection 63(2) of the *MVRMA* so that they could provide comments to the Board.

Having reviewed all relevant evidence in the application, including the submissions of the Applicant, the written comments received, ENR has decided that in its opinion that:

- there is no likelihood that the proposed development might have a significant adverse impact on the environment; and
- there is no likelihood that the proposed development might be a cause of public concern.

ENR is also of the opinion that the application can proceed through the regulatory process and that any impacts of the development on the environment can be mitigated through the imposition of the terms and conditions in the Pesticide Application Permit.

As a result, ENR, having due regard to the facts and circumstances, the merits of the submissions made to it, and to the purpose, scope and intent of the *Mackenzie Valley Resource Management Act* and the Mackenzie Valley Land Use Regulations has decided that this Pesticide Application Permit be issued subject to the terms and conditions contained therein.

PRELIMINARY SCREENING DECISION	
Outside Local Government Boundaries	
<input type="checkbox"/>	The development proposal might have a significant adverse impact on the environment, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
Wholly within Local Government Boundaries	
<input type="checkbox"/>	The development proposal is likely to have a significant adverse impact on air, water or renewable resources, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input checked="" type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>

Preliminary Screening Organization

The Department of Environment and Natural Resources

Signatures





May 3, 2018

VIA Email: Mike_Martin@gov.nt.ca

Michael Martin
Environment and Natural Resources
Government of the Northwest Territories
Box 1320
Yellowknife, NT X1A 2L9

RE: Preliminary Screening Notification – Pesticide Application Permit

Dear Michael Martin,

The Wek'èezhì Renewable Resources Board (WRRB) has reviewed your Preliminary Screening Notification – Pesticide Application Permit for vegetation control at Northwest Territories Power Corporation sub-stations in the Spring/Summer of 2018. Five locations included in the application reside in the Wek'èezhì management area. These locations are the Snare Rapids Substation, the Snare Falls Substation, the Snare Falls Tie Substation, the Snare Cascades Substation and the Snare Forks Substation.

The WRRB understands that a contractor with expertise in pesticide use, safe handling and disposal methods would be conducting the proposed pesticide application, and that in 2017 a Licensed Pesticide Applicator visited all proposed sites to ensure the appropriate pesticide and methods would be used. The Board also understands that a total of 46 L of pesticide is being proposed to be used across 11 sites, and that all leftover pesticides and pesticide containers will be returned to storage in Alberta.

If pesticides are to be transported by boat or by floatplane to the application sites, the Board requests that they be stored in sealed containers and that they be tied-down or secured.

Otherwise, the WRRB has no concerns with the application as presented in your report.

Please feel free to give us a call with any questions you might have.

Sincerely,

A handwritten signature in black ink that reads "Jody Pellissey" with a long horizontal flourish extending to the right.

Jody Pellissey
Executive Director

Cc Bruno Croft, Regional Superintendent, North Slave-ENR, GNWT
Jessica Hum, Manager, Culture and Lands Protection, Tłıchǫ Government

Mike Martin

From: Matthew Miller <MMiller@ntpc.com>
Sent: Wednesday, May 09, 2018 12:28 PM
To: danika.gerylo@pc.gc.ca
Cc: Mike Martin; Nihal Costa; Lisa Rybchuk
Subject: RE: Sandhills substation
Attachments: DSC_0021.jpg; DSC_0014.jpg; SandHills_Assesement.pdf

Hello Danika,

The location you have included is not the Sand Hills Substation. The Sand Hills substation is located at 60°08'57.96"N, 113°33'00.85"W. The Site Assessment is attached.

The purpose of the spraying is to keep the soil resistivity at approximately the same Ground Potential Rise (GPR) as the nearby grounded equipment during a fault. Thereby protecting any personnel and the equipment in the substation.

Please let me know if you have any other questions or comments or if your concerns still apply.

Thanks,

Matt

From: Matthew Miller
Sent: Wednesday, May 09, 2018 9:15 AM
To: 'danika.gerylo@pc.gc.ca'
Cc: 'Mike Martin'; Nihal Costa; Lisa Rybchuk
Subject: FW: Sandhills substation

Hello Danika,

Thanks for your comments. We are looking into the points you have made and are preparing a response for you which we will send over as soon as possible.

We will get back to you soon.

Cheers,

Matt

Matthew Miller, M.Sc., P.Eng.
Senior Environmental Licensing Specialist
Health, Safety & Environment
Northwest Territories Power Corporation
4 Capital Drive, Hay River, NT, X0E 1G2
Tel: (867) 874-5314 | mmiller@ntpc.com
Cell: (867) 875-7917



From: Mike Martin [mailto:Mike_Martin@gov.nt.ca]
Sent: Tuesday, May 08, 2018 4:34 PM
To: Matthew Miller
Subject: FW: Sandhills substation

Next Comment

From: danika.gerylo@pc.gc.ca [<mailto:danika.gerylo@pc.gc.ca>]
Sent: Tuesday, May 08, 2018 3:04 PM
To: Mike Martin
Cc: lori.parker@pc.gc.ca
Subject: Sandhills substation

Good afternoon Mike,

My name is Danika Gerylo and I am a Conservation Management Officer with Wood Buffalo National Park. I have been assigned to your application 'to gain authority to apply herbicides for industrial vegetation control purposes at Power Corp's substations' within the National Park. I have investigated the Sand Hills site yesterday and have included photos. Parks Canada has strict protocols on the use of pesticides/herbicides within the Park, especially near Zone 1, Whooping Crane habitat, which is located just North of the Sand Hill site. After inspecting the site, I do not think that the use of pesticides is required. The site is very sandy, there is little vegetation and what is there is sparse and low lying. Grasses and small shrubs can be mowed or whipper snipped down if necessary.

If you have any further questions please feel free to contact me at the numbers listed below or via email. I am just wondering your thoughts, if you think it is necessary to use herbicides at the Sand Hill site or if you think cutting the vegetation in the area is sufficient for Power Corp.? Perhaps you were not planning to do as much at this site as some of your other sites, but I wanted to clarify your intentions.

I look forward to hearing back from you soon.

Danika Gerylo
Resource Management Officer II
Wood Buffalo National Park
Box 750, Fort Smith NT, X0E 0P0
danika.gerylo@pc.gc.ca
Cell: 867-872-0096
Phone: 867-872-7929
Fax: 867-872-3910

Mike Martin

From: danika.gerylo@pc.gc.ca
Sent: Wednesday, May 09, 2018 12:43 PM
To: Matthew Miller
Subject: RE: Sandhills substation

Sorry about the confusion Matthew, I take a look and get back to you before Friday afternoon. Thanks
-Danika

Danika Gerylo
Resource Management Officer II
Wood Buffalo National Park
Box 750, Fort Smith NT, X0E 0P0
danika.gerylo@pc.gc.ca
Cell: 867-872-0096
Phone: 867-872-7929
Fax: 867-872-3910

From: Matthew Miller <MMiller@ntpc.com>
To: "danika.gerylo@pc.gc.ca" <danika.gerylo@pc.gc.ca>
Cc: Mike Martin <Mike_Martin@gov.nt.ca>, Nihal Costa <NCosta@ntpc.com>, "Lisa Rybchuk" <lisa.r@statenergy.co>
Date: 09/05/2018 12:35 PM
Subject: RE: Sandhills substation

Hello Danika,

The location you have included is not the Sand Hills Substation. The Sand Hills substation is located at 60°08'57.96"N, 113°33'00.85"W. The Site Assessment is attached.

The purpose of the spraying is to keep the soil resistivity at approximately the same Ground Potential Rise (GPR) as the nearby grounded equipment during a fault. Thereby protecting any personnel and the equipment in the substation.

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Thanks,

Matt

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Subject: FW: Sandhills substation

Hello Danika,

Thanks for your comments. We are looking into the points you have made and are preparing a response for you which we

will send over as soon as possible.

We will get back to you soon.

Cheers,

Matt

Matthew Miller, M.Sc., P.Eng.
Senior Environmental Licensing Specialist
Health, Safety & Environment
Northwest Territories Power Corporation
4 Capital Drive, Hay River, NT, X0E 1G2
Tel: (867) 874-5314 | mmiller@ntpc.com
Cell: (867) 875-7917



From: Mike Martin [<mailto:Mike.Martin@gov.nt.ca>]
Sent: Tuesday, May 08, 2018 4:34 PM
To: Matthew Miller
Subject: FW: Sandhills substation

Next Comment

From: danika.gerylo@pc.gc.ca [<mailto:danika.gerylo@pc.gc.ca>]
Sent: Tuesday, May 08, 2018 3:04 PM
To: Mike Martin
Cc: lori.parker@pc.gc.ca
Subject: Sandhills substation

Good afternoon Mike,

My name is Danika Gerylo and I am a Conservation Management Officer with Wood Buffalo National Park. I have been assigned to your application 'to gain authority to apply herbicides for industrial vegetation control purposes at Power Corp's substations' within the National Park. I have investigated the Sand Hills site yesterday and have included photos. Parks Canada has strict protocols on the use of pesticides/herbicides within the Park, especially near Zone 1, Whooping Crane habitat, which is located just North of the Sand Hill site. After inspecting the site, I do not think that the use of pesticides is required. The site is very sandy, there is little vegetation and what is there is sparse and low lying. Grasses and small shrubs can be mowed or whipper snipped down if necessary.

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I look forward to hearing back from you soon.

Danika Gerylo
Resource Management Officer II
Wood Buffalo National Park
Box 750, Fort Smith NT, X0E 0P0

danika.gerylo@pc.gc.ca

Cell: 867-872-0096

Phone: 867-872-7929

Fax: 867-872-3910

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[attachment "DSC_0021.jpg" deleted by Danika Gerylo/NOTES/PC/CA] [attachment "DSC_0014.jpg" deleted by Danika Gerylo/NOTES/PC/CA] [attachment "SandHills_Assessment.pdf" deleted by Danika Gerylo/NOTES/PC/CA]

Mike Martin

From: danika.gerylo@pc.gc.ca
Sent: Friday, May 11, 2018 10:02 AM
To: Matthew Miller
Cc: lori.parker@pc.gc.ca
Subject: RE: FW: Sandhills substation

Good morning Matthew,
Thanks for getting back to me. I have spoken to our Superintendent and we have come to a few conclusions about spraying at the Sand Hills station. If possible, the best option would be to mow or whipper snip the area near the station. That is our preference. If that is not possible, we are willing to allow herbicides to be sprayed in a controlled manner, inside the fence and a 1m circumference around the fence. If herbicide is the solution, a small BIA will need to be written. When are you intending to mow/spray? Thank you for working with us on this.
-Danika

Danika Gerylo
Resource Management Officer II
Wood Buffalo National Park
Box 750, Fort Smith NT, X0E 0P0
danika.gerylo@pc.gc.ca
Cell: 867-872-0096
Phone: 867-872-7929
Fax: 867-872-3910

From: Matthew Miller <MMiller@ntpc.com>
To: "danika.gerylo@pc.gc.ca" <danika.gerylo@pc.gc.ca>
Date: 09/05/2018 09:45 AM
Subject: RE: FW: Sandhills substation

Thanks Danika!

I think we have enough photos for now but we will let you know if we need anything and get back to you as soon as possible.

Cheers,

Matt

From: danika.gerylo@pc.gc.ca [<mailto:danika.gerylo@pc.gc.ca>]
Sent: Wednesday, May 09, 2018 9:38 AM
To: Matthew Miller
Subject: Re: FW: Sandhills substation

Thank you so much Matthew. I have more photos if you think they would be helpful. Looking forward to working with you.

Danika Gerylo
Resource Management Officer II
Wood Buffalo National Park

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From: Matthew Miller <MMiller@ntpc.com>
To: "danika.gerylo@pc.gc.ca" <danika.gerylo@pc.gc.ca>
Cc: Mike Martin <Mike_Martin@gov.nt.ca>, Nihal Costa <NCosta@ntpc.com>, "Lisa Rybchuk" <lisa.r@statenergy.co>
Date: 09/05/2018 09:24 AM
Subject: FW: Sandhills substation

Hello Danika,

Thanks for your comments. We are looking into the points you have made and are preparing a response for you which we will send over as soon as possible.

We will get back to you soon.

Cheers,

Matt
Matthew Miller, M.Sc., P.Eng.
Senior Environmental Licensing Specialist
Health, Safety & Environment
Northwest Territories Power Corporation
4 Capital Drive, Hay River, NT, X0E 1G2
Tel: (867) 874-5314 | mmiller@ntpc.com
Cell: (867) 875-7917



From: Mike Martin [mailto:Mike_Martin@gov.nt.ca]
Sent: Tuesday, May 08, 2018 4:34 PM
To: Matthew Miller
Subject: FW: Sandhills substation

Next Comment

From: danika.gerylo@pc.gc.ca [<mailto:danika.gerylo@pc.gc.ca>]
Sent: Tuesday, May 08, 2018 3:04 PM
To: Mike Martin
Cc: lori.parker@pc.gc.ca

Subject: Sandhills substation

Good afternoon Mike,

My name is Danika Gerylo and I am a Conservation Management Officer with Wood Buffalo National Park. I have been assigned to your application 'to gain authority to apply herbicides for industrial vegetation control purposes at Power Corp's substations' within the National Park. I have investigated the Sand Hills site yesterday and have included photos. Parks Canada has strict protocols on the use of pesticides/herbicides within the Park, especially near Zone 1, Whooping Crane habitat, which is located just North of the Sand Hill site. After inspecting the site, I do not think that the use of pesticides is required. The site is very sandy, there is little vegetation and what is there is sparse and low lying. Grasses and small shrubs can be mowed or whipper snapped down if necessary.

If you have any further questions please feel free to contact me at the numbers listed below or via email. I am just wondering your thoughts, if you think it is necessary to use herbicides at the Sand Hill site or if you think cutting the vegetation in the area is sufficient for Power Corp.? Perhaps you were not planning to do as much at this site as some of your other sites, but I wanted to clarify your intentions.

I look forward to hearing back from you soon.

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[attachment "DSC_0021.JPG" deleted by Danika Gerylo/NOTES/PC/CA] [attachment "DSC_0014.JPG" deleted by Danika Gerylo/NOTES/PC/CA]

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Mike Martin

From: Matthew Miller <MMiller@ntpc.com>
Sent: Friday, May 11, 2018 1:13 PM
To: danika.gerylo@pc.gc.ca
Cc: lori.parker@pc.gc.ca; Lisa Rybchuk; Nihal Costa
Subject: RE: FW: Sandhills substation
Attachments: SandHills_Assesement.pdf

Hello Danika,

Thanks for your response. We have used mowers and weed trimmers in the past but that has proven not to be sufficient to control the vegetation in the substations. The spraying is to keep the soil resistivity at approximately the same Ground Potential Rise (GPR) as the nearby grounded equipment during a fault. This is being completed in all of our substations to mitigate the health and safety risks for our staff when they enter the substations so we believe herbicide is the solution here.

Let us know how we can support the BIA and if there is any other information we can provide.

Lisa and Nihal could you provide Danika with a timeline of when we are expected to spray the substation.

Cheers,

Matt

From: danika.gerylo@pc.gc.ca [mailto:danika.gerylo@pc.gc.ca]
Sent: Friday, May 11, 2018 10:02 AM
To: Matthew Miller
Cc: lori.parker@pc.gc.ca
Subject: RE: FW: Sandhills substation

Good morning Matthew,
Thanks for getting back to me. I have spoken to our Superintendent and we have come to a few conclusions about spraying at the Sand Hills station. If possible, the best option would be to mow or whipper snip the area near the station. That is our preference. If that is not possible, we are willing to allow herbicides to be sprayed in a controlled manner, inside the fence and a 1m circumference around the fence. If herbicide is the solution, a small BIA will need to be written. When are you intending to mow/spray? Thank you for working with us on this.
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Thanks Danika!

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To: "danika.gerylo@pc.gc.ca" <danika.gerylo@pc.gc.ca>
Cc: Mike Martin <Mike_Martin@gov.nt.ca>, Nihal Costa <NCosta@ntpc.com>, "Lisa Rybchuk" <lisa.r@statenergy.co>
Date: 09/05/2018 09:24 AM
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Matthew Miller, M.Sc., P.Eng.
Senior Environmental Licensing Specialist
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Subject: FW: Sandhills substation

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I look forward to hearing back from you soon.

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Mike Martin

From: FPP.CA / PPP.CA (DFO/MPO) <fisheriesprotection@dfo-mpo.gc.ca>
Sent: Wednesday, May 23, 2018 9:39 AM
To: Mike Martin
Subject: RE: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

Good morning Mr. Martin,

DFO has reviewed the available project information. Based on this information, there is uncertainty regarding impacts to fish and fish habitat. If the pesticides will be applied on land to treat terrestrial plants, that would not fall under our mandate. However, if the pesticides are to removed aquatic vegetation than more details are necessary and the proponent should submit a request for review form to DFO. Environment and Climate Change Canada should be contacted regarding this file, if you have not already done so.

Kind regards,

Jessica Epp-Martindale
Fisheries Protection Biologist
Fisheries and Oceans Canada

Fisheries and Oceans Canada has changed the way new project proposals (referrals), reports of potential *Fisheries Act* violations (occurrences) and information requests are managed in Central and Arctic Region (Alberta, Saskatchewan, Manitoba, Ontario, Nunavut and the Northwest Territories). Please be advised that general information regarding the management of impacts to fish and fish habitat and self-assessment tools (e.g. Measures to Avoid Harm) that enable you to determine *Fisheries Act* requirements are available at DFO's "Projects Near Water" website at www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html. For all occurrence reports, or project proposals where you have determined, following self-assessment, that you cannot avoid impacts to fish and fish habitat, please submit to fisheriesprotection@dfo-mpo.gc.ca. For general inquiries, call 1-855-852-8320.

From: Mike Martin [<mailto:Mike.Martin@gov.nt.ca>]
Sent: April-24-18 12:56 PM
To: 'sao@gameti.org' (sao@gameti.org); 'sao@whati.ca' (sao@whati.ca); SAO@behchoko.ca; lands@denenation.com; admin@dkfn.ca; fortsmithmetiscouncil@northwestel.net; frmc@northwestel.net; tausia.sao@gmail.com; hrcm@northwestel.net; hrrdb@katlodeeche.com; lkdfnlands@gmail.com; shin.shiga@nsma.net; heritage@nsma.net; ceo.srfn@northwestel.net; lands@slfn196.com; zabeynevitt@tlichoc.com; apower@ykdene.com; land@wprfn.ca; preliminaryscreening@reviewboard.ca; Shelagh Montgomery (smontgomery@mvlwb.com); rfequet@wprfn.ca; jpellissey@wrrb.ca; sbassi-kellett@yellowknife.ca; kmorrison@fortsmith.ca; sao@hayriver.com; Melanie.Murphy@wscs.nt.ca; FPP.CA / PPP.CA (DFO/MPO); 'ec.ea.nwt.ec@canada.ca' (ec.ea.nwt.ec@canada.ca); adrian.paradis@canada.ca; jonah.mitchell@canada.ca; Patrick Clancy; DST_HSS_Environmental_Health; Stu Niven; Peter Fast; Olivia Lee; Lorraine Seale
Cc: Troy Ellsworth; Bruno Croft; Julian Kanigan; Matthew Miller (MMiller@ntpc.com); Mike Martin
Subject: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

Good morning,

Please see attached notification of a preliminary screening being conducted by the Department of Environment and Natural Resources (ENR) for a Pesticide Application Permit application submitted by the Northwest Territories Power Corporation (NTPC).

This application is required for NTPC to gain authorization to apply pesticides for industrial vegetation control purposes at their substations within the ENR South Slave and North Slave administrative regions.

Attached you will find the notification letter, the distribution list and the completed application package that is compliant with the [Pesticide Act](#) and [Pesticide Regulations](#).

Please have all comments to me on or before **1700h (MDT) May 24, 2018**.

I look forward to hearing from you.

Mársı | Kinanāskomitin | Thank you | Merci | Hą́ı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi

Mr. Michael Martin
Hazardous Substance Specialist
Environment Division
Environment and Natural Resources
Government of the Northwest Territories

7th floor, Scotia Centre
PO Box 1320
5102 – 50th Ave
Yellowknife, NT X1A 2L9

Phone: 867-767-9236 Ext. 53182

Fax: 867-873-0221

www.gov.nt.ca

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Mike Martin

From: Matthew Miller <MMiller@ntpc.com>
Sent: Monday, May 28, 2018 11:13 AM
To: Mike Martin
Subject: FW: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

From: Matthew Miller
Sent: Wednesday, May 23, 2018 3:15 PM
To: 'fisheriesprotection@dfo-mpo.gc.ca'
Cc: 'Mike Martin'; Nihal Costa; 'Lisa Rybchuk'
Subject: RE: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

Hello Jessica,

The herbicides will only applied on land to treat terrestrial plants. Please let us know if there is any other information we can provide.

Cheers,

Matthew Miller, M.Sc., P.Eng.
Senior Environmental Licensing Specialist
Health, Safety & Environment
Northwest Territories Power Corporation
4 Capital Drive, Hay River, NT, X0E 1G2
Tel: (867) 874-5314 | mmiller@ntpc.com
Cell: (867) 875-7917



From: Mike Martin [mailto:Mike_Martin@gov.nt.ca]
Sent: Wednesday, May 23, 2018 12:33 PM
To: Matthew Miller
Cc: Mike Martin
Subject: FW: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

FYI

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Sent: Wednesday, May 23, 2018 9:39 AM
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Sent: April-24-18 12:56 PM

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Cc: Troy Ellsworth; Bruno Croft; Julian Kanigan; Matthew Miller (MMiller@ntpc.com); Mike Martin

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Please have all comments to me on or before **1700h (MDT) May 24, 2018**.

I look forward to hearing from you.

Mársı | Kinanāskomitin | Thank you | Merci | Hąj' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı

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May 24, 2018

Mike Martin
Hazardous Substance Specialist
Environment Division
Department of Environment and Natural Resources
P.O. Box 1320, 5102-50th Avenue
Yellowknife, NT
X1A 2L9

Dear Mr. Martin,

**Re: Northwest Territories Power Corporation
Herbicide and Pesticide Permit Application – PS2018ED001
ENR Preliminary Screening Determination
Request for Comments**

The Department of Environment and Natural Resources (ENR), Government of the Northwest Territories has reviewed the application at reference based on its mandated responsibilities under the *Environmental Protection Act*, the *Forest Management Act*, the *Forest Protection Act*, the *Species at Risk (NWT) Act*, the *Waters Act* and the *Wildlife Act* and has no comments or recommendations for the consideration of the Environment Division, ENR at this time.

Should you have any questions or concerns, please do not hesitate to contact Patrick Clancy, Environmental Regulatory Analyst at (867) 767-9233 Ext: 53096 or email patrick.clancy@gov.nt.ca.

Sincerely,

Patrick Clancy
Environmental Regulatory Analyst
Environmental Assessment and Monitoring Section
Conservation, Assessment and Monitoring Division
Department of Environment and Natural Resources
Government of the Northwest Territories

Mike Martin

From: Stu Niven
Sent: Thursday, May 24, 2018 1:17 PM
To: Mike Martin
Cc: Alexis Campbell
Subject: FW: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

INF has no issues.

Mársı | Kinanāskomitin | Thank you | Merci | Hąǰ' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı

Stu Niven

Manager – Environmental Affairs
Design & Technical Services - Department of Infrastructure
Government of Northwest Territories
(867) 767-9083, extension 31051
5015 - 49th Street, Yellowknife X1A 2L9
Email: Stu.Niven@gov.nt.ca

From: Alexis Campbell
Sent: Thursday, May 24, 2018 10:30 AM
To: Stu Niven
Subject: RE: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

Hi Stu,

The only location that is close to our ROW is on the Ingraham Trail, and that appears to be outside of the ROW. There should be no issues with the NTCP application.

Thanks,

Alexis

From: Stu Niven
Sent: Friday, May 11, 2018 12:41 PM
To: Alexis Campbell
Subject: FW: Preliminary Screening Notification and Application Package for Pesticide Application Permit - Northwest Territories Power Corporation.

Any issues relating to INF mandate on NTCP using pesticides to control vegetation along their power lines? I am thinking we may have an issue if their power lines are on our RoW, then we would not want to see this.

Mársı | Kinanāskomitin | Thank you | Merci | Hąǰ' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı

Stu Niven

Manager – Environmental Affairs
Design & Technical Services - Department of Infrastructure

Government of Northwest Territories

(867) 767-9083, extension 31051

5015 - 49th Street, Yellowknife X1A 2L9

Email: Stu_Niven@gov.nt.ca

From: Mike Martin

Sent: Tuesday, April 24, 2018 10:56 AM

To: 'sao@gameti.org' (sao@gameti.org); 'sao@whati.ca' (sao@whati.ca); SAO@behchoko.ca; lands@denation.com; admin@dkfn.ca; fortsmithmetiscouncil@northwestel.net; frmc@northwestel.net; tausia.sao@gmail.com; hrcm@northwestel.net; hrrdb@katlodeeche.com; lkdfnlands@gmail.com; shin.shiga@nsma.net; heritage@nsma.net; ceo.srfn@northwestel.net; lands@slfn196.com; zabeynevitt@tlich.com; apower@ykdene.com; land@wpfn.ca; preliminaryscreening@reviewboard.ca; Shelagh Montgomery (smontgomery@mvlwb.com); rfequet@wlwb.ca; jpellissey@wrrb.ca; sbassi-kellett@yellowknife.ca; kmorrison@fortsmith.ca; sao@hayriver.com; Melanie.Murphy@wscc.nt.ca; Fisheries Protection (fisheriesprotection@dfo-mpo.gc.ca); 'ec.ea.nwt.ec@canada.ca' (ec.ea.nwt.ec@canada.ca); adrian.paradis@canada.ca; jonah.mitchell@canada.ca; Patrick Clancy; DST_HSS_Environmental_Health; Stu Niven; Peter Fast; Olivia Lee; Lorraine Seale

Cc: Troy Ellsworth; Bruno Croft; Julian Kanigan; Matthew Miller (MMiller@ntpc.com); Mike Martin

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Good morning,

Please see attached notification of a preliminary screening being conducted by the Department of Environment and Natural Resources (ENR) for a Pesticide Application Permit application submitted by the Northwest Territories Power Corporation (NTPC).

This application is required for NTPC to gain authorization to apply pesticides for industrial vegetation control purposes at their substations within the ENR South Slave and North Salve administrative regions.

Attached you will find the notification letter, the distribution list and the completed application package that is compliant with the [Pesticide Act](#) and [Pesticide Regulations](#).

Please have all comments to me on or before **1700h (MDT) May 24, 2018**.

I look forward to hearing from you.

Mársi | Kinanāskomitin | Thank you | Merci | Haǰı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi

Mr. Michael Martin
Hazardous Substance Specialist
Environment Division
Environment and Natural Resources
Government of the Northwest Territories

7th floor, Scotia Centre
PO Box 1320
5102 – 50th Ave
Yellowknife, NT X1A 2L9

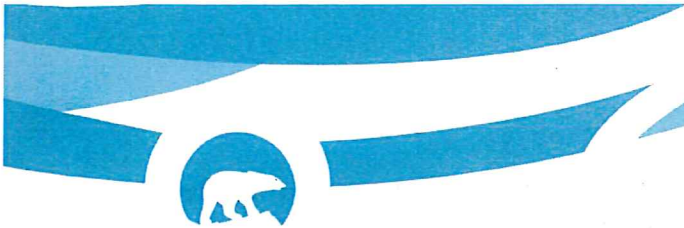
Phone: 867-767-9236 Ext. 53182

Fax: 867-873-0221

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MAY 24 2018

MICHAEL MARTIN
HAZARDOUS SUBSTANCE SPECIALIST
ENVIRONMENT DIVISION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Pesticide Application Permit – Northwest Territories Power Corporation - ENR Preliminary Screening and Request for Lands Review and Comments

Thank you for forwarding the above-noted application on April 24, 2018. The Department of Lands has reviewed the application with respect to its responsibilities under legislation and the Lands Establishment Policy. Reviewers included resource management officers (inspectors); Territorial Land Administration; Policy, Legislation and Communications; Land Use and Sustainability; and Securities and Project Assessment.

To assist Environment and Natural Resources with its preliminary screening determination under the *Mackenzie Valley Resource Management Act* and the development of conditions for the pesticide application permit, the Department of Lands offers the following comments:

Rationale for Pesticide/ Herbicide Use

Please explain if any rationale was provided for applying herbicides, over alternative options. Given that a number of sites are located near water and developed areas, please consider requesting the proponent provide alternative options to pesticide/herbicide use, if no alternatives were provided. An example of an alternative to herbicide application could be hiring local community members seasonally to handle vegetation concerns.

As noted above, a number of sites are located near water and developed areas. If pesticides or herbicides are being applied the following should be taken into consideration:

- Herbicide should not be applied to water. Any spray from the application should not land on the water.

.../2

- Herbicide should only be applied when there is no possibility of rain in the forecast so that the herbicide does not wash into the water.
- Pesticides or herbicides used in developed areas must have adequate warning signs so that no one inadvertently enters the "hot" zone.
- Pine Point Mining Limited. and Teck Metals Limited must be informed before any application in the Pine Point area.

Other jurisdictions including Alberta (Weed Control Act), Australia (Handbook on Safe and Effective Herbicide Use) and Natural Resources Canada have resources that offer additional guidance.

The Department of Lands appreciates the opportunity to provide comments on this application and to provide input to ENR's preliminary screening. If you have any questions or concerns related to this letter, please contact Arusa Shafi, Project Assessment Analyst, at (867)-767-9180 ext. 24023, or by email at arusa.shafi@gov.nt.ca or Melissa Pink, Manager, Project Assessment Branch, at (867) 767-9180 ext. 24021 or by email at melissa.pink@gov.nt.ca

Sincerely,



Lorraine Seale
Director
Securities and Project Assessment
Department of Lands

Mike Martin

From: Matthew Miller <MMiller@ntpc.com>
Sent: Monday, May 28, 2018 10:29 AM
To: Arusa Shafi
Cc: Mike Martin; Nihal Costa; Lisa Rybchuk
Subject: FW: Department of Lands submission NTPC's Pesticide Application Permit - ENR.pdf
Attachments: Department of Lands submission NTPC's Pesticide Application Permit - ENR.pdf

Hello Arusa,

I wanted to provide a response to your letter regarding our pesticide application permit.

The rationale for this project is that the Northwest Territories Power Corporation has used mowers and weed trimmers in the past but that has proven not to be sufficient to control the vegetation in the substations. The vegetation in the substations is a safety hazard as it can increase the risk of arc flashes occurring. Local community members are not qualified to enter the stations. The spraying is to keep the soil resistivity at approximately the same Ground Potential Rise (GPR) as the nearby grounded equipment during a fault. This is being completed in all of our substations to mitigate the health and safety risks for our staff when they enter the substations so we believe herbicide is the solution here.

- Herbicides will not be applied to water
- Herbicides will not be applied adjacent to water when significant rain is in the forecast.
- There is no need for signs as the areas where herbicides are applied are within a fenced off area. If herbicides are applied outside the fenced areas in developed areas signs will be posted during application.
- Pine Point Mining Limited. and Teck Metals Limited will be informed before applying in the Pine Point area

Please let us know if there is any other information we can provide.

Cheers,

Matthew Miller, M.Sc., P.Eng.
Senior Environmental Licensing Specialist
Health, Safety & Environment
Northwest Territories Power Corporation
4 Capital Drive, Hay River, NT, X0E 1G2
Tel: (867) 874-5314 | mmiller@ntpc.com
Cell: (867) 875-7917



From: Mike Martin [<mailto:Mike.Martin@gov.nt.ca>]
Sent: Friday, May 25, 2018 8:10 AM
To: Matthew Miller
Subject: FW: Department of Lands submission NTPC's Pesticide Application Permit - ENR.pdf

This is the last one

From: Arusa Shafi
Sent: Thursday, May 24, 2018 5:13 PM
To: Mike Martin
Cc: Melissa Pink; Lorraine Seale
Subject: Department of Lands submission NTPC's Pesticide Application Permit - ENR.pdf

Hello Mike,

Please find attached the Department of Lands comments on the Northwest Territories Power Corporation's Pesticide Application Permit.

If you have any questions about the submission please don't hesitate to contact me.

Thank you,

Arusa Shafi

Mársi | Kinanāskomitin | Thank you | Merci | Hą́ | Quana | Qujannamiik | Quyanainni | Máhsı́ | Máhsı́ | Mahsi

Arusa Shafi
Project Assessment Analyst
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