







Notes:  
1. Project Date: 2018  
2. Source:  
3. Wetland Resources Canada © The Mapping the Dunes in Right of Canada.  
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Datum: North American 1983	
Coordinate System: NAD 1983 UTM Zone 18N	
Projection: Transverse Mercator	
Central Meridian: 87°00'00"W	
False Easting: 500,000m	
False Northing: 0m	
Relation: 0.9996	
Scale Factor: 0.9996	

0 100 200 300 400  
Metres

• Field_Survey_Points	300m Setback	Wetland (FRI Data)
Site Boundary	Beaver Dam	
120m Setback	Aquatic Feeding Area	

# Field Map for DEVANS OBS.

<b>NEEGAN BURNSIDE</b>		Map Title Environmental Survey Field Map	
Client Whitesands First Nation	Drawn P.S.	Checked N/A	Date 2013/08/15
	Scale 1:5,000	Project No. 300030895	Map No. 1/1





# BURNSIDE

Aug 2013

DEVANS

Date

File No.

Name

WFW Pellet-mill / Co-gen Site Visit - Day 1

Project

Arrive: 7:30 AM

Depart: 3:17 PM

Weather: winds calm (0-1) cloud 5-20%, temp 17-28°C

wildlife obs: sgr., hare, chipmunk, moose tks + bedding area, beaver trails, toad, dead garter snake, fox scat

① Site: ES16 - Hardwood - Fir - Spruce - Mixwood - Sandy Soil

- highly disturbed area w trailers, fuel storage tanks, trucks, storage sheds, gravel road

- Potremb<sup>(D)</sup>, Sb, Bw, goldenrod, spk Alder<sup>(D)</sup>, sheep laurel, pearly everlasting, field pussytoes, Cred<sup>(R)</sup>, Pj, albae clover, birds foot trefoil, St. John's wort, Bf<sup>(R)</sup>, fireweed, oxeyedaisy, yarrow, sheep sorrel, wood anemone, wild saraparilla, bunchberry, sow thistle, dandelion.

② Pond: ES53 - Shallow Water: Sparsely Vegetated: Sand

(may be muck ES52) Devin to confirm -DEVIN CONFIRMED SAND

- contained water beetle, water strider, moose bedding

arrowhead

- lily pads, Floating Veg like lily pad A, low grasses below water
- water smart weed

③ Community around ②: ES44

- Low shrubs + lichens/mosses w evidence of harvest up to edge of water

- lab tea<sup>(D)</sup> blueberry, snowberry, red rasp, willow, bog laurel, Sw, prickly wild rose, Potremb<sup>(low)</sup>, Rod, Alder, horsetail, bullrush, mountain fly, honeysuckle, bunchberry, Pj<sup>(R)</sup>



Aug 20113

Date

File No.

DEVANS

Name

WEN - Day 1 cont'd

Project

- ④ P. Regen Areas: ES13 - Jack Pine - Conifer: Dry - Mod Fresh, Sandy Soil
  - Young P. stands to rare standing Bw + Sb + snags; replant areas; heavy slash along roadways + debris throughout community
  - P<sup>(1)</sup>, Sb, Bw, Willow, Alder, red rasp, blueberry, Pearly everlasting, bunchberry, Potremb, lady fern, Ashmont, sheep laurel, field pussy toes, birds foot trefoil, St. John wort, Sheep sorel
- ⑤ Slope along pond 8: ES13
  - Small buffer btwn gravel pit + pond 8, Heavy blowdown + Some thinning to keep
  - P<sup>(1)</sup>, Sb, Bw, Alder, Potremb
- ⑥ Meadow Community: ES46 - Meadow Marsh: Organic - Mineral Soil
  - Ring of open water to Fen community in centre
  - Grasses, bog laurel, pink water plant <sup>2</sup>
  - Fringe species include Alder, blueberries, red rasp, willow, bunchberry
- ⑦ gravel pit
  - No vegetation throughout. Indications of recent use, moose trks, fox scat, wolf trks
- ⑧ Pond: ES53
  - Same as ② • Devin to confirm - CONFIRMED
- ⑨ Pond: ES53
  - Same as 2 • Devin to confirm - CONFIRMED





# BURNSIDE

Aug 20/13

Date

File No.

DEVANS

Name

WPN - Day 1 cont'd

Project

- ⑩ Blowdown: ES14 - Pine-Spruce mixedwood: Sandy Soil
- regen area w sig Bw both standing + blowdown
  - Pj, Bw, willow, Alder, red rasp, blueberry, pearly everlasting, bunchberry, Potremb<sup>(young)</sup>, field pussytoes, birds foot-trefoil, sheep sorel
- ⑪ meadow com:
- old logging staging area w ground covers establishing
  - Sheep laurel, Pearly everlasting, Strawberry, alsike clover, Timothy, red top, dandelion, fireweed, oxeyed daisy, sowthistle
- ⑫ mature stands: ES14
- Sb dominant mature stands with moderate shrub + ground cover
  - Sb, Pj, Bw, Potremb, alder, sheep laurel, st. John's wort, lichens/mosses





Aug 21/13

Date

File No.

DEVANS

Name

WFN Pellet mill / Co-gen Site Visit - Day 2

Project

arrive: 9:07 AM

depart: 1:15 PM

weather: winds calm (0-1) cloud 20-50%, temp 17-28°C

wildlife obs: Grey Jay, Black Bear, Moose (Buck + calf)

## ⑬ Treed Slope: ES13

- slope along pond ⑭. Area contained a large amount of blow down

- Pj, Sb<sup>(10)</sup>, Bw, Alder<sup>(10)</sup>, Potremb, lab. tea<sup>(10)</sup>, Canada mayflower, prickly wild rose

## ⑭ Pond: ES52 - Shallow water: Sparsely vegetated: muck

- Pond with muck bottom

- Arrowhead<sup>(2)</sup>, grasses (same as yesterday in ②), leather leaf e shore

## ⑮ Treed Swamp:

- many standing snags + heavy moss + lichens. Spongy + hummocky

- Sb<sup>(9)</sup>, Potremb, willow, Alder, Bw, bunchberry, feather moss, trout lily, wild currant, lab. tea, false pixie cup, common brown sphagnum

## ⑯ Meadow marsh: ES46

- same as community ⑥. Black Bear on East side of pond. Moose observed heading North out of pond. Outer ring of open water to meadow in center creating bullseye. On air photo.