

Appendix G:
Vascular Plant Study



**FLORA ASSESSMENT
GAETZ BROOK COMMUNITY WIND FARM**

October 15, 2012



Taking Charge™

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1.0 INTRODUCTION

Strum Environmental completed a Desktop Review and Field Survey for the Gaetz Brook Community Wind Farm (the Project), on behalf of Natural Forces Technologies Inc. The objective of this study was to determine whether any rare plants exist at the Project site in order to support Natural Forces Technologies Inc. in the planning stages of the wind farm development.

2.0 SITE DETAILS

Natural Forces Technologies Inc. has proposed the development of a single turbine, 2 MW wind farm at Gaetz Brook, located in Halifax County, Nova Scotia (Drawing 1, Appendix A). The Project site borders Highway 107 approximately 1.3 km south of the community of Gaetz Brook and consists of one parcel of land identified by Property Identification Number (PID) 00614167. The Project site encompasses approximately 100 acres of privately owned, vacant land incorporating multiple woods roads. The preliminary design consists of one wind turbine generator located in a cleared area in the eastern half of the site, as well as three potential access road options (Drawing 2, Appendix A).

3.0 METHODOLOGY

Prior to undertaking the field survey, the Atlantic Canada Conservation Data Centre (ACCDC) database was reviewed to compile a list of recorded observations of flora species within 100 km of the Project site. This preliminary list was then used to develop a short list of plant species of conservation interest that may be present at the Project site. For the purpose of this assessment, plant species of conservation interest included:

- Species listed as “Red” or “Yellow” under the Nova Scotia Department of Natural Resources (NSDNR) General Status Ranks of Wild Species in Nova Scotia;
- Species assessed as endangered, threatened, or of special concern by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC); Species ranked as endangered, threatened, or of special concern under the *Species at Risk Act* (SARA); and/or
- Species protected under the *Nova Scotia Endangered Species Act*.

The results of the desktop review were then used by botanists to develop a field assessment strategy based on site habitat.

A vascular plant survey was completed in August 2012 within a designated survey area. The survey was designed to focus on those areas of the Project site associated with the proposed turbine location and access road options (Drawing 2, Appendix A). The survey area included a 30 m wide easement along the proposed road options, and approximately 2 Ha at the proposed turbine location.

4.0 RESULTS

Results of the desktop review indicated that 250 vascular flora species have been identified within 100 km of the Project site. Of the 250 vascular plant species identified by ACCDC, 168 vascular flora species of conservation interest were identified within 100 km of the Project site (Table 1, Appendix B).

The vascular plant survey encompassed four habitat types: roadside / disturbed areas; regenerating forests; upland forests; and wetlands. A complete list of vascular plant species identified during the survey is provided in Table 2, Appendix B. Representative photos are provided in Appendix C.

4.1 Roadsides and Disturbed Areas

Roadsides have diverse weedy plant communities of annuals and short-lived perennials. Depressions in these areas form pools and ditches which feature cattails (*Typha latifolia*), woolgrass (*Scirpus cyperinus*), bone set (*Eupatorium perfoliatum*) and spikerush (*Eleocharis ovata*). Grassland communities were encountered which were composed primarily of exotic species [e.g., creeping white clover (*Trifolium repens*), red clover (*T. pretense*), *T. dubium*, timothy grass (*Phleum arvense*), sheeps fescue (*Festuca ovina*), mouse-eared hawkweed (*Hieracium pilosella*), and knapweed (*Centaurea nigra*)]. Such disturbed grasslands often have uncommon native orchids, however, these areas were searched and no plants of uncommon or rare ranking were discovered.

4.2 Regenerating Forests

Away from zones of disturbance, the landscape has been clearcut and regrowth is dominated by shrubs [sheep laurel (*Kalmia angustifolia*), lowbush blueberry (*Vaccinium angustifolium*), velvet-leaf blueberry (*V. myrtilloides*), and false holly (*Nemopanthus mucronata*)], herbs [bracken fern (*Pteridium aquilinum*)], wild sarsaparilla (*Aralia nudicaulis*), bunchberry (*Cornus Canadensis*), and pink lady's-slipper (*Cypripedium acaule*)], and trees [red maple (*Acer rubrum*), balsam fir (*Abies balsamea*), white spruce (*Picea glauca*)]. In wetter regrowth areas, vegetation was somewhat different and included shrubs [false holly, Canada holly (*Ilex verticillata*), black huckleberry (*Gaylussacia baccata*), foxberry (*Vaccinium vitis-idaea*), Blanchard's dewberry (*Rubus recurvicularis*)], herbs [cinnamon fern (*Osmunda cinnamomea*), clintonia lily (*Clintonia borealis*), Canada mayflower (*Maianthemum canadense*), teaberry (*Gaultheria hispidula*), three seeded sedge (*Carex trisperma*), *Carex canescens*], and trees [eastern larch (*Larix laricina*) and black spruce (*Picea mariana*)].

4.3 Upland Forests

Upland forest habitats were, in general, of low diversity and of early successional stage. Typical forest cover was made up of balsam fir, red maple, and spruce (white and/or red). There were usually clearings in these stands where a dense growth of hay-scented fern dominated.

Except for wetland areas, forest soils were not rich. Where soils were richer, yellow birch (*Betula allegheniensis*) was more common.

4.4 Wetlands

Wetlands consisted of red maple/eastern larch associations with a speckled alder (*Alnus incana*), balsam fir, black spruce, eastern larch, and false holly understory. A diversity in wetland conditions throughout the survey area was observed. Some of the larger areas incorporated a range of flooding conditions that included bare muck areas. Woody cover was generally red maple and eastern larch with an understory of speckled alder. Common herbs include rattlesnake grass (*Glyceria canadensis*), tall meadow rue (*Thalictrum pubescens*), and cinnamon fern. Treed swamps of balsam fir, black spruce, and eastern larch had a range of hydrological indicators including imperfectly drained soils and standing water around tip-ups of old balsam fir trees that supported burreed (*Sparganium americanum*), three-seeded sedge, and crested fern (*Dryopteris cristata*). A larch/red maple swamp located in northwestern portions of the Project site showed signs of previous landscape disturbance as the area had large amounts of cattail and soft rush (*Juncus effusus*). Evidence of black spruce, eastern larch and false holly associations may represent swamp/treed fen transitions in wetter portions of the site. Other common species within the wetlands included leatherleaf (*Chamaedaphne calyculata*), witherod (*Viburnum nudum*), speckled alder, rhodora (*Rhododendron canadense*), and Canada holly.

Sphagnum cover was widespread throughout wetlands and a collection of wetland plants [e.g., three seeded sedge, cinnamon fern, and bog willow-herb (*Epilobium leptophyllum*)] grew with wet woodland plants [e.g. wood sorrel (*Oxalis montana*), blue violet (*Viola cucullata*), starflower (*Trientalis borealis*), and whorled aster (*Oclemena acuminata*)].

4.5 Proposed Turbine Location

The habitat surrounding the proposed wind turbine is balsam fir woodland coinciding with red maple and red spruce subordinates. The forest is immature and large stumps from the former tree cohort are in evidence. The ground flora consists of small herbs [rose twisted stalk (*Streptopus roseus*), starflower, partridge berry (*Mitchella repens*), one sided wintergreen (*Orthilia secunda*), ghost plant (*Monotropa uniflora*), dutchman's pipe (*Monotropa hypopithys*), and snowberry], ferns [wood fern (*Dryopteris intermedia*) and cinnamon fern], and occasional shrubs (leatherleaf and false holly). A deep layer of schreber's moss (*Pleurozium shreberi*) and patches of *Bazania* sp. were also present.

5.0 CONCLUSIONS

No vascular plant species of conservation interest were observed during the plant survey. This includes federal SARA-listed and COSEWIC assessed species, species listed under the *Nova Scotia Endangered Species Act*, and Red and Yellow-listed species under the NSDNR General Status Ranks of Wild Species in Nova Scotia.

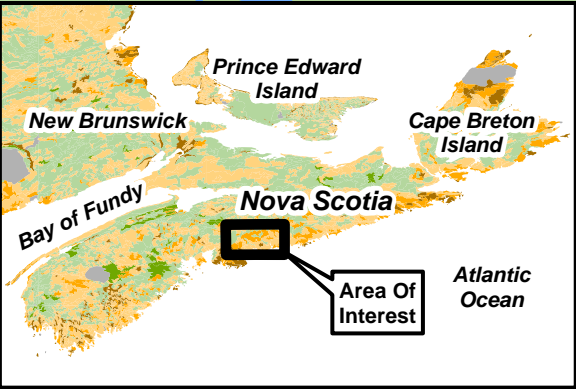
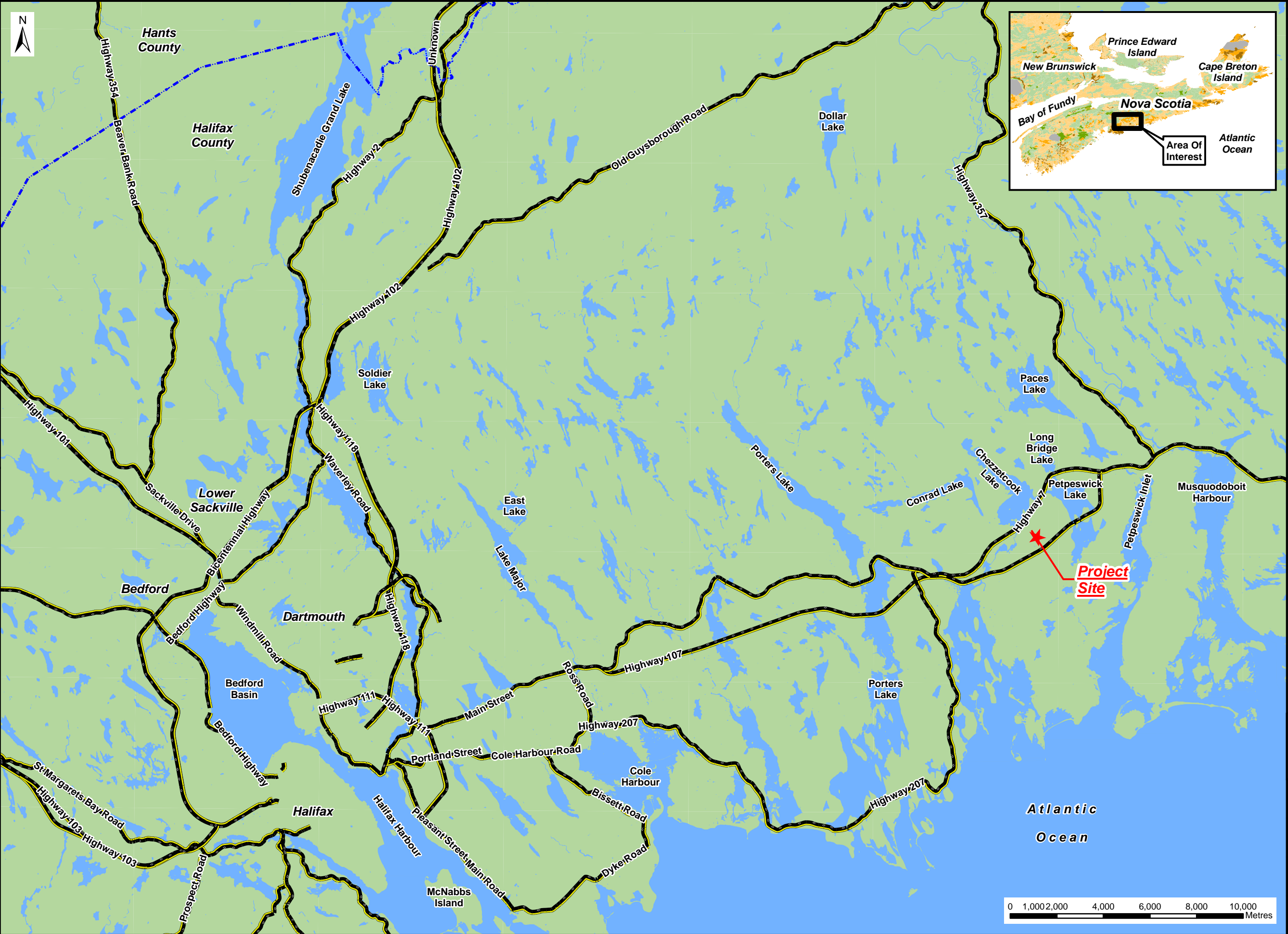
6.0 CLOSURE

This report has been completed for the sole benefit of Natural Forces Technologies Inc. Any other person or entity may not rely on this report without the express written consent of Strum Environmental and Natural Forces Technologies Inc.

The conclusions presented in this report represent the best judgement of the assessor based on the current environmental standards. The assessor is unable to certify against undiscovered environmental liabilities due to the nature of the investigation and the limited data available.

APPENDIX A

DRAWINGS



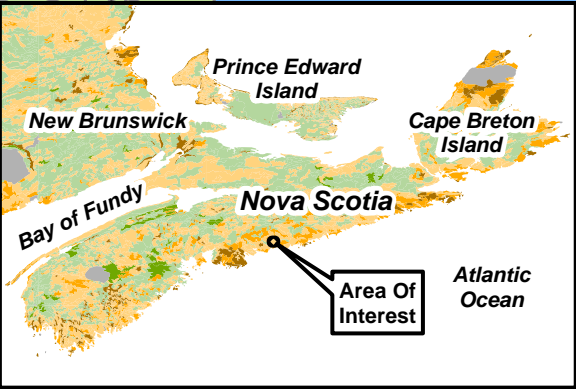
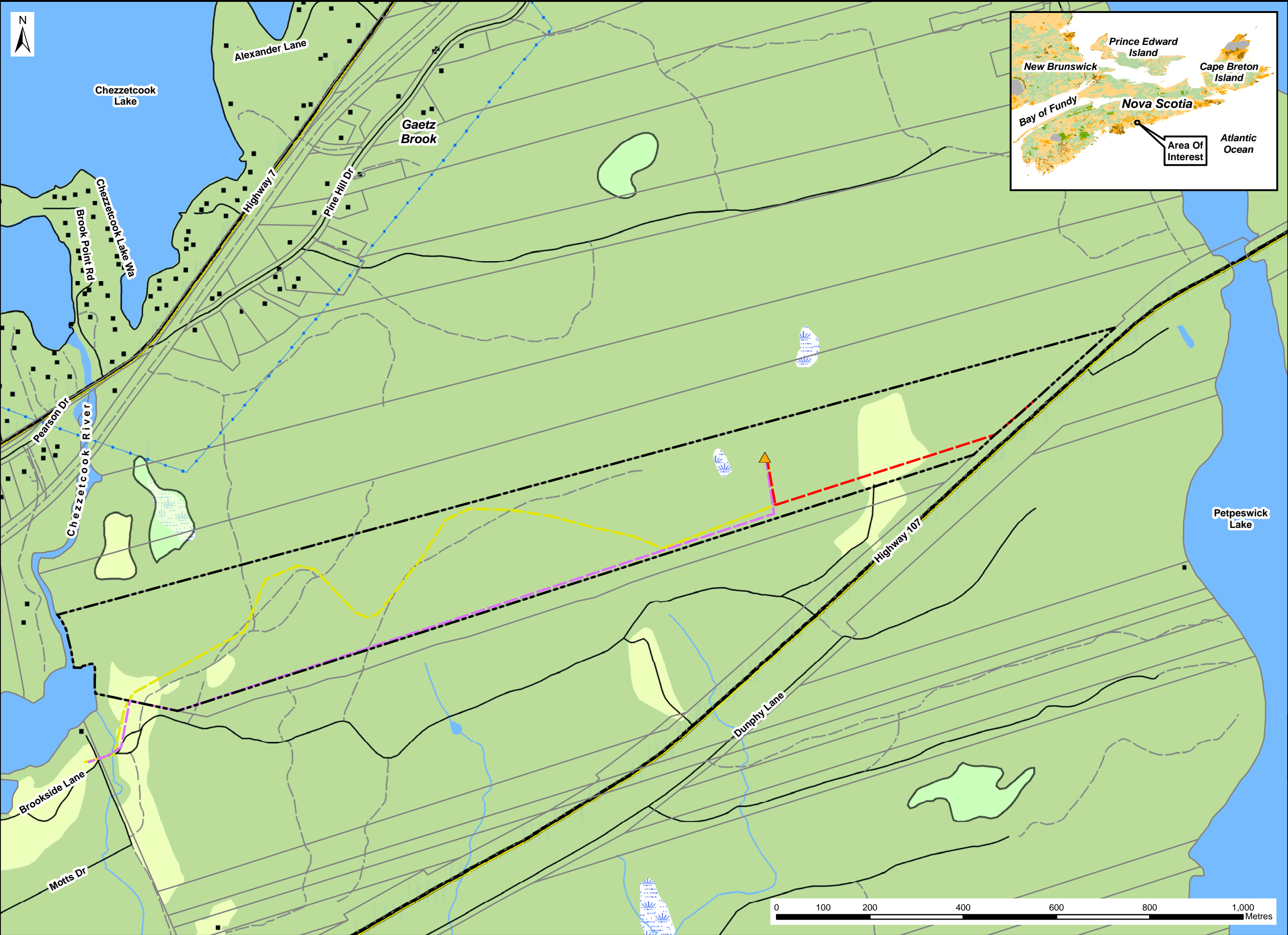
- Notes:**
1. Reference: Digital Topographic Mapping By Nova Scotia Geomatics Centre.
 2. Projection: NAD83(CSRS), UTM Zone 20 North.

- Legend:**
- County Boundary
 - Major Roads and Highways
 - Water Bodies

**Gaetz Brook
Site Location**



Date: October 2012	Project #: 12-4428
Scale: 1:150,000	Drawing #: 1
Drawn By: H. Serhan	
Checked By: A. Walter	



- Notes:**
- Reference: Digital Topographic Mapping By Nova Scotia Geomatics Centre. Wetland Inventory By Nova Scotia Department Of Natural Resources (NS DNR).
 - Projection: NAD83(CSRS), UTM Zone 20 North.

- Legend:**
- Proposed Turbine
 - Building
 - Access Option 1
 - Access Option 2
 - Access Option 3
 - Project Site Boundary
 - Major Roads and Highways
 - Roads
 - Access Roads / Trails
 - Existing Transmission Lines
 - Mapped Stream
 - Indefinite Stream
 - Water Bodies
 - Mapped Wet Area
 - Cleared Area
- NS DNR Wetland Inventory**
- Wetland Type**
- Bog or Fen
 - Fen
 - Marsh
 - Salt Marsh
 - Swamp
 - Water

**Gaetz Brook
Preliminary
Project Design**



Date: October 2012	Project #: 12-4428
Scale: 1:7500	Drawing #: 2
Drawn By: H. Serhan	
Checked By: A. Walter	

APPENDIX B

PLANT TABLES

Table 1: Vascular plants of Conservation Concern within 100km of the Project site

Project 12-4428

Common Name	Scientific Name	NSDNR Status	COSEWIC Status	SARA Status	NSEA Status
Acadian Quillwort	<i>Isoetes acadiensis</i>	Yellow	Not Listed	Not Listed	Not Listed
Alder-leaved Buckthorn	<i>Rhamnus alnifolia</i>	Yellow	Not Listed	Not Listed	Not Listed
Alpine Bilberry	<i>Vaccinium uliginosum</i>	Yellow	Not Listed	Not Listed	Not Listed
American False Pennyroyal	<i>Hedeoma pulegioides</i>	Yellow	Not Listed	Not Listed	Not Listed
Appalachian Polypody	<i>Polypodium appalachianum</i>	Undetermined	Not Listed	Not Listed	Not Listed
Bearded Sedge	<i>Carex comosa</i>	Yellow	Not Listed	Not Listed	Not Listed
Bebb's Sedge	<i>Carex bebbii</i>	Red	Not Listed	Not Listed	Not Listed
Big-leaved Marsh-elder	<i>Iva frutescens</i>	Yellow	Not Listed	Not Listed	Not Listed
Black Ash	<i>Fraxinus nigra</i>	Yellow	Not Listed	Not Listed	Not Listed
Blood Milkwort	<i>Polygala sanguinea</i>	Yellow	Not Listed	Not Listed	Not Listed
Blue Cohosh	<i>Caulophyllum thalictroides</i>	Red	Not Listed	Not Listed	Not Listed
Bog Willow	<i>Salix pedicellaris</i>	Yellow	Not Listed	Not Listed	Not Listed
Boreal Aster	<i>Symphyotrichum boreale</i>	Yellow	Not Listed	Not Listed	Not Listed
Bristle-leaved Sedge	<i>Carex eburnea</i>	Yellow	Not Listed	Not Listed	Not Listed
Broad-Grumed Brome	<i>Bromus latiglumis</i>	Red	Not Listed	Not Listed	Not Listed
Buttonbush Dodder	<i>Cuscuta cephalanthi</i>	Red	Not Listed	Not Listed	Not Listed
Canada Anemone	<i>Anemone canadensis</i>	Red	Not Listed	Not Listed	Not Listed
Canada Germander	<i>Teucrium canadense</i>	Yellow	Not Listed	Not Listed	Not Listed
Canada Lily	<i>Lilium canadense</i>	Yellow	Not Listed	Not Listed	Not Listed
Canada Rice Grass	<i>Piptatherum canadense</i>	Yellow	Not Listed	Not Listed	Not Listed
Canada Tick-trefoil	<i>Desmodium canadense</i>	Red	Not Listed	Not Listed	Not Listed
Canada Wood Nettle	<i>Laportea canadensis</i>	Yellow	Not Listed	Not Listed	Not Listed
Case's Ladies'-Tresses	<i>Spiranthes casei</i>	Yellow	Not Listed	Not Listed	Not Listed
Chestnut Sedge	<i>Carex castanea</i>	Red	Not Listed	Not Listed	Not Listed
Chinese Hemlock-parsley	<i>Conioselinum chinense</i>	Yellow	Not Listed	Not Listed	Not Listed
Clammy Hedge-Hyssop	<i>Gratiola neglecta</i>	Yellow	Not Listed	Not Listed	Not Listed
Climbing False Buckwheat	<i>Fallopia scandens</i>	Yellow	Not Listed	Not Listed	Not Listed
Clustered Sanicle	<i>Sanicula odorata</i>	Red	Not Listed	Not Listed	Not Listed
Comb-leaved Mermaidweed	<i>Proserpinaca pectinata</i>	Yellow	Not Listed	Not Listed	Not Listed
Common Moonwort	<i>Botrychium lunaria</i>	Red	Not Listed	Not Listed	Not Listed
Cuckoo Flower	<i>Cardamine pratensis</i>	Red	Not Listed	Not Listed	Not Listed
Cursed Buttercup	<i>Ranunculus sceleratus</i>	Red	Not Listed	Not Listed	Not Listed
Cut-Leaved Coneflower	<i>Rudbeckia laciniata</i>	Yellow	Not Listed	Not Listed	Not Listed
Disguised St John's-wort	<i>Hypericum dissimulatum</i>	Yellow	Not Listed	Not Listed	Not Listed
Downy Rattlesnake-Plantain	<i>Goodyera pubescens</i>	Red	Not Listed	Not Listed	Not Listed
Downy Willowherb	<i>Epilobium strictum</i>	Yellow	Not Listed	Not Listed	Not Listed
Drummond's Rockcress	<i>Arabis drummondii</i>	Yellow	Not Listed	Not Listed	Not Listed
Dudley's Rush	<i>Juncus dudleyi</i>	Yellow	Not Listed	Not Listed	Not Listed
Dwarf Bilberry	<i>Vaccinium caespitosum</i>	Yellow	Not Listed	Not Listed	Not Listed
Dwarf Clearweed	<i>Pilea pumila</i>	Red	Not Listed	Not Listed	Not Listed

Table 1 (pg2): Vascular plants of Conservation Concern within 100km of the Project site

Project 12-4428

Common Name	Scientific Name	NSDNR Status	COSEWIC Status	SARA Status	NSEA Status
Eastern Leatherwood	<i>Dirca palustris</i>	Red	Not Listed	Not Listed	Not Listed
Eastern White Cedar	<i>Thuja occidentalis</i>	Red	Not Listed	Not Listed	Vulnerable
False Mermaidweed	<i>Floerkea proserpinacoides</i>	Yellow	Not at Risk	Not Listed	Not Listed
Farwell's Water Milfoil	<i>Myriophyllum farwellii</i>	Yellow	Not Listed	Not Listed	Not Listed
Five-angled Dodder	<i>Cuscuta pentagona</i>	Undetermined	Not Listed	Not Listed	Not Listed
Flat-stemmed Pondweed	<i>Potamogeton zosteriformis</i>	Yellow	Not Listed	Not Listed	Not Listed
Fragrant Wood Fern	<i>Dryopteris fragrans</i>	Yellow	Not Listed	Not Listed	Not Listed
Fries' Pondweed	<i>Potamogeton friesii</i>	Red	Not Listed	Not Listed	Not Listed
Fringed Blue Aster	<i>Symphyotrichum ciliolatum</i>	Yellow	Not Listed	Not Listed	Not Listed
Garber's Sedge	<i>Carex garberi</i>	Red	Not Listed	Not Listed	Not Listed
Glaucous Blue Grass	<i>Poa glauca</i>	Yellow	Not Listed	Not Listed	Not Listed
Golden Alexanders	<i>Zizia aurea</i>	Red	Not Listed	Not Listed	Not Listed
Grass-leaved Rush	<i>Juncus marginatus</i>	Yellow	Not Listed	Not Listed	Not Listed
Green Spleenwort	<i>Asplenium viride</i>	Yellow	Not Listed	Not Listed	Not Listed
Greene's Rush	<i>Juncus greenei</i>	Red	Not Listed	Not Listed	Not Listed
Greenland Stitchwort	<i>Minuartia groenlandica</i>	Yellow	Not Listed	Not Listed	Not Listed
Hairy Goldenrod	<i>Solidago hispida</i>	Red	Not Listed	Not Listed	Not Listed
Hairy Lettuce	<i>Lactuca hirsuta</i>	Yellow	Not Listed	Not Listed	Not Listed
Hayden's Sedge	<i>Carex haydenii</i>	Red	Not Listed	Not Listed	Not Listed
Heart-leaved Foamflower	<i>Tiarella cordifolia</i>	Yellow	Not Listed	Not Listed	Not Listed
Houghton's Sedge	<i>Carex houghtoniana</i>	Yellow	Not Listed	Not Listed	Not Listed
Hyssop-leaved Fleabane	<i>Erigeron hyssopifolius</i>	Yellow	Not Listed	Not Listed	Not Listed
Labrador Bedstraw	<i>Galium labradoricum</i>	Yellow	Not Listed	Not Listed	Not Listed
Large Round-Leaved Orchid	<i>Platanthera macrophylla</i>	Yellow	Not Listed	Not Listed	Not Listed
Large St John's-wort	<i>Hypericum majus</i>	Red	Not Listed	Not Listed	Not Listed
Large Tick-Trefoil	<i>Desmodium glutinosum</i>	Red	Not Listed	Not Listed	Not Listed
Least Moonwort	<i>Botrychium simplex</i>	Yellow	Not Listed	Not Listed	Not Listed
Lesser Brown Sedge	<i>Carex adusta</i>	Yellow	Not Listed	Not Listed	Not Listed
Lesser Pyrola	<i>Pyrola minor</i>	Yellow	Not Listed	Not Listed	Not Listed
Lesser Rattlesnake-plantain	<i>Goodyera repens</i>	Yellow	Not Listed	Not Listed	Not Listed
Limestone Scurvy-grass	<i>Cochlearia tridactylites</i>	Red	Not Listed	Not Listed	Not Listed
Livid Sedge	<i>Carex livida</i>	Red	Not Listed	Not Listed	Not Listed
Long-bracted Frog Orchid	<i>Coeloglossum viride</i>	Red	Not Listed	Not Listed	Not Listed
Long-branched Frostweed	<i>Helianthemum canadense</i>	Red	Not Listed	Not Listed	Not Listed
Long-leaved Starwort	<i>Stellaria longifolia</i>	Yellow	Not Listed	Not Listed	Not Listed
Maidenhair Spleenwort	<i>Asplenium trichomanes</i>	Yellow	Not Listed	Not Listed	Not Listed
Marsh Bellflower	<i>Campanula aparinoides</i>	Yellow	Not Listed	Not Listed	Not Listed
Meadow Horsetail	<i>Equisetum pratense</i>	Yellow	Not Listed	Not Listed	Not Listed
Mistassini Primrose	<i>Primula mistassinica</i>	Yellow	Not Listed	Not Listed	Not Listed
Narrow-leaved Evening Primrose	<i>Oenothera fruticosa</i>	Undetermined	Not Listed	Not Listed	Not Listed

Table 1 (pg3): Vascular plants of Conservation Concern within 100km of the Project site

Project 12-4428

Common Name	Scientific Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
Narrow-leaved Panic Grass	<i>Dichanthelium linearifolium</i>	Yellow	Not Listed	Not Listed	Not Listed
Newfoundland Dwarf Birch	<i>Betula michauxii</i>	Yellow	Not Listed	Not Listed	Not Listed
Nodding Fescue	<i>Festuca subverticillata</i>	Red	Not Listed	Not Listed	Not Listed
Northern Adder's-tongue	<i>Ophioglossum pusillum</i>	Yellow	Not Listed	Not Listed	Not Listed
Northern Bedstraw	<i>Galium boreale</i>	Red	Not Listed	Not Listed	Not Listed
Northern Blueberry	<i>Vaccinium boreale</i>	Red	Not Listed	Not Listed	Not Listed
Northern Bog Violet	<i>Viola nephrophylla</i>	Yellow	Not Listed	Not Listed	Not Listed
Northern Comandra	<i>Geocaulon lividum</i>	Yellow	Not Listed	Not Listed	Not Listed
Northern Firmoss	<i>Huperzia selago</i>	Undetermined	Not Listed	Not Listed	Not Listed
Northern Maidenhair Fern	<i>Adiantum pedatum</i>	Red	Not Listed	Not Listed	Not Listed
Orange-fruited Tinker's Weed	<i>Triosteum aurantiacum</i>	Yellow	Not Listed	Not Listed	Not Listed
Ovate Spikerush	<i>Eleocharis ovata</i>	Yellow	Not Listed	Not Listed	Not Listed
Pale-Spiked Lobelia	<i>Lobelia spicata</i>	Red	Not Listed	Not Listed	Not Listed
Parlin's Pussytoes	<i>Antennaria parlinii</i>	Red	Not Listed	Not Listed	Not Listed
Peck's Sedge	<i>Carex peckii</i>	Red	Not Listed	Not Listed	Not Listed
Pennsylvania Sedge	<i>Carex pennsylvanica</i>	Undetermined	Not Listed	Not Listed	Not Listed
Philadelphia Fleabane	<i>Erigeron philadelphicus</i>	Yellow	Not Listed	Not Listed	Not Listed
Pinebarren Golden Heather	<i>Hudsonia ericoides</i>	Yellow	Not Listed	Not Listed	Not Listed
Pink Crowberry	<i>Empetrum nigrum</i>	Yellow	Not Listed	Not Listed	Not Listed
Plantain-Leaved Sedge	<i>Carex plantaginea</i>	Red	Not Listed	Not Listed	Not Listed
Porcupine Sedge	<i>Carex hystericina</i>	Red	Not Listed	Not Listed	Not Listed
Prickly Hornwort	<i>Ceratophyllum echinatum</i>	Red	Not Listed	Not Listed	Not Listed
Prototype Quillwort	<i>Isoetes macrospora</i>	Yellow	Special Concern	Special Concern	Vulnerable
Pubescent Sedge	<i>Carex hirtifolia</i>	Yellow	Not Listed	Not Listed	Not Listed
Purple-veined Willowherb	<i>Epilobium coloratum</i>	Yellow	Not Listed	Not Listed	Not Listed
Quebec Hawthorn	<i>Crataegus submollis</i>	Undetermined	Not Listed	Not Listed	Not Listed
Racemed Milkwort	<i>Polygala polygama</i>	Undetermined	Not Listed	Not Listed	Not Listed
Ram's-Head Lady's-Slipper	<i>Cypripedium arietinum</i>	Red	Not Listed	Not Listed	Endangered
Red Ash	<i>Fraxinus pennsylvanica</i>	Red	Not Listed	Not Listed	Not Listed
Robinson's Hawkweed	<i>Hieracium robinsonii</i>	Yellow	Not Listed	Not Listed	Not Listed
Robinson's Hawthorn	<i>Crataegus robinsonii</i>	Undetermined	Not Listed	Not Listed	Not Listed
Rock Spikemoss	<i>Selaginella rupestris</i>	Red	Not Listed	Not Listed	Not Listed
Roland's Sea-Blite	<i>Suaeda rolandii</i>	Red	Not Listed	Not Listed	Not Listed
Round-lobed Hepatica	<i>Anemone americana</i>	Red	Not Listed	Not Listed	Not Listed
Rugel's Plantain	<i>Plantago rugelii</i>	Undetermined	Not Listed	Not Listed	Not Listed
Saltmarsh Alkali Grass	<i>Puccinellia fasciculata</i>	Undetermined	Not Listed	Not Listed	Not Listed
Saltmarsh Starwort	<i>Stellaria humifusa</i>	Yellow	Not Listed	Not Listed	Not Listed
Seabeach Ragwort	<i>Senecio pseudoarnica</i>	Yellow	Not Listed	Not Listed	Not Listed
Sharp-fruited Knotweed	<i>Polygonum oxyspermum</i>	Undetermined	Not Listed	Not Listed	Not Listed
Sharp-fruited Rush	<i>Juncus acuminatus</i>	Yellow	Not Listed	Not Listed	Not Listed

Table 1 (pg4): Vascular plants of Conservation Concern within 100km of the Project site

Project 12-4428

Common Name	Scientific Name	NSDNR Status	COSEWIC Status	SARA Status	NSEA Status
Shining Ladies'-Tresses	<i>Spiranthes lucida</i>	Red	Not Listed	Not Listed	Not Listed
Short-awned Foxtail	<i>Alopecurus aequalis</i>	Yellow	Not Listed	Not Listed	Not Listed
Showy Lady's-Slipper	<i>Cypripedium reginae</i>	Red	Not Listed	Not Listed	Not Listed
Silky Willow	<i>Salix sericea</i>	Red	Not Listed	Not Listed	Not Listed
Slender Cottongrass	<i>Eriophorum gracile</i>	Yellow	Not Listed	Not Listed	Not Listed
Small-flowered Bittercress	<i>Cardamine parviflora</i>	Yellow	Not Listed	Not Listed	Not Listed
Smooth Cliff Fern	<i>Woodsia glabella</i>	Yellow	Not Listed	Not Listed	Not Listed
Smooth Sweet Cicely	<i>Osmorhiza longistylis</i>	Red	Not Listed	Not Listed	Not Listed
Soapberry	<i>Shepherdia canadensis</i>	Yellow	Not Listed	Not Listed	Not Listed
Southern Mudwort	<i>Limosella australis</i>	Yellow	Not Listed	Not Listed	Not Listed
Southern Twayblade	<i>Listera australis</i>	Red	Not Listed	Not Listed	Not Listed
Spotted Pondweed	<i>Potamogeton pulcher</i>	Red	Not Listed	Not Listed	Not Listed
Spreading Wild Rye	<i>Elymus hystrix</i>	Red	Not Listed	Not Listed	Not Listed
Squashberry	<i>Viburnum edule</i>	Yellow	Not Listed	Not Listed	Not Listed
Stalked Bulrush	<i>Scirpus pedicellatus</i>	Undetermined	Not Listed	Not Listed	Not Listed
Steller's Rockbrake	<i>Cryptogramma stelleri</i>	Red	Not Listed	Not Listed	Not Listed
Sweet Pepperbush	<i>Clethra alnifolia</i>	Yellow	Special Concern	Special Concern	Vulnerable
Sweet Wood Reed Grass	<i>Cinna arundinacea</i>	Red	Not Listed	Not Listed	Not Listed
Tender Sedge	<i>Carex tenera</i>	Yellow	Not Listed	Not Listed	Not Listed
Thread-Like Naiad	<i>Najas gracillima</i>	Red	Not Listed	Not Listed	Not Listed
Triangle Moonwort	<i>Botrychium lanceolatum</i>	Yellow	Not Listed	Not Listed	Not Listed
Triangular-valve Dock	<i>Rumex triangulivalvis</i>	Yellow	Not Listed	Not Listed	Not Listed
Tuberclad Orchid	<i>Platanthera flava</i>	Yellow	Not Listed	Not Listed	Not Listed
Tuckerman's Panic Grass	<i>Panicum tuckermanii</i>	Yellow	Not Listed	Not Listed	Not Listed
Tuckerman's Sedge	<i>Carex tuckermanii</i>	Red	Not Listed	Not Listed	Not Listed
Vasey's Rush	<i>Juncus vaseyi</i>	Red	Not Listed	Not Listed	Not Listed
Virginia Anemone	<i>Anemone virginiana</i>	Yellow	Not Listed	Not Listed	Not Listed
Water Beggarticks	<i>Bidens beckii</i>	Yellow	Not Listed	Not Listed	Not Listed
Water Blinks	<i>Montia fontana</i>	Red	Not Listed	Not Listed	Not Listed
Water Pygmyweed	<i>Crassula aquatica</i>	Yellow	Not Listed	Not Listed	Not Listed
Wavy-leaved Aster	<i>Symphyotrichum undulatum</i>	Yellow	Not Listed	Not Listed	Not Listed
Western Hairy Rockcress	<i>Arabis hirsuta</i>	Red	Not Listed	Not Listed	Not Listed
White Adder's-Mouth	<i>Malaxis monophyllos</i>	Red	Not Listed	Not Listed	Not Listed
White Mountain Saxifrage	<i>Saxifraga paniculata</i>	Yellow	Not Listed	Not Listed	Not Listed
White-stemmed Pondweed	<i>Potamogeton praelongus</i>	Yellow	Not Listed	Not Listed	Not Listed
Whorled Water Milfoil	<i>Myriophyllum verticillatum</i>	Yellow	Not Listed	Not Listed	Not Listed
Wiegand's Sedge	<i>Carex wiegandii</i>	Red	Not Listed	Not Listed	Not Listed
Wiegand's Wild Rye	<i>Elymus wiegandii</i>	Red	Not Listed	Not Listed	Not Listed
Wild Black Currant	<i>Ribes americanum</i>	Undetermined	Not Listed	Not Listed	Not Listed
Wild Chives	<i>Allium schoenoprasum</i>	Red	Not Listed	Not Listed	Not Listed

Table 1 (pg5): Vascular plants of Conservation Concern within 100km of the Project site

Project 12-4428

Common Name	Scientific Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
Wild Comfrey	<i>Cynoglossum virginianum</i>	Red	Not Listed	Not Listed	Not Listed
Wild Leek	<i>Allium tricoccum</i>	Red	Not Listed	Not Listed	Not Listed
Wood Anemone	<i>Anemone quinquefolia</i>	Yellow	Not Listed	Not Listed	Not Listed
Woodland Rush	<i>Juncus subcaudatus</i>	Yellow	Not Listed	Not Listed	Not Listed
Woolly Sedge	<i>Carex pellita</i>	Red	Not Listed	Not Listed	Not Listed
Yellow Ladies'-tresses	<i>Spiranthes ochroleuca</i>	Yellow	Not Listed	Not Listed	Not Listed
Yellow Lady's-slipper	<i>Cypripedium parviflorum</i>	Yellow	Not Listed	Not Listed	Not Listed
Yellow Spikerush	<i>Eleocharis flavescens</i>	Yellow	Not Listed	Not Listed	Not Listed

Table 2: Observed Vascular Plant Species

Project 12-4428

Scientific Name	Common Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
<i>Abies balsamea</i>	Balsam Fir	Green	Not Listed	Not Listed	Not Listed
<i>Acer rubrum</i>	Red Maple	Green	Not Listed	Not Listed	Not Listed
<i>Agalinis neoscotica</i>	NS False Foxglove	Green	Not Listed	Not Listed	Not Listed
<i>Agrostis scabra</i>	Rough Bentgrass	Green	Not Listed	Not Listed	Not Listed
<i>Agrostis stolonifera</i>	Spreading Bentgrass	Green	Not Listed	Not Listed	Not Listed
<i>Alnus incana</i>	Speckled Alder	Green	Not Listed	Not Listed	Not Listed
<i>Anaphalis margaritacea</i>	Pearly Everlasting	Green	Not Listed	Not Listed	Not Listed
<i>Aralia hispida</i>	Bristly Sarsaparilla	Green	Not Listed	Not Listed	Not Listed
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	Green	Not Listed	Not Listed	Not Listed
<i>Betula alleghaniensis</i>	Yellow Birch	Green	Not Listed	Not Listed	Not Listed
<i>Betula papyrifera</i>	Paper Birch	Green	Not Listed	Not Listed	Not Listed
<i>Betula populifolia</i>	Gray Birch	Green	Not Listed	Not Listed	Not Listed
<i>Calamagrostis canadensis</i>	Blue-Joint Reedgrass	Green	Not Listed	Not Listed	Not Listed
<i>Carex brunnescens</i>	Brown Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex canescens</i>	Hoary Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex crinita</i>	Fringed Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex echinata</i>	Little Prickly Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex gracillima</i>	Graceful Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex gynandra</i>	A Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex intumescens</i>	Bladder Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex lurida</i>	Shallow Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex pedunculata</i>	Longstalk Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex projecta</i>	Necklace Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex scoparia</i>	Pointed Broom Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex scabrata</i>	Rough Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex stipata</i>	Stalk-grain sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex stricta</i>	Tussock Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Carex trisperma</i>	Three-Seed Sedge	Green	Not Listed	Not Listed	Not Listed
<i>Chamerion angustifolium</i>	Fireweed	Green	Not Listed	Not Listed	Not Listed
<i>Clintonia borealis</i>	Yellow Clintonia	Green	Not Listed	Not Listed	Not Listed
<i>Coptis trifolia</i>	Goldthread	Green	Not Listed	Not Listed	Not Listed
<i>Cornus canadensis</i>	Bunchberry	Green	Not Listed	Not Listed	Not Listed
<i>Cypripedium acaule</i>	Mocassin Flower	Green	Not Listed	Not Listed	Not Listed
<i>Danthonia spicata</i>	Poverty Oat-Grass	Green	Not Listed	Not Listed	Not Listed
<i>Dennstaedtia punctilobula</i>	Eastern Hay-Scented Fern	Green	Not Listed	Not Listed	Not Listed

Table 2 (pg2): Observed Vascular Plant Species

Project 12-4428

Scientific Name	Common Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
<i>Deschampsia flexuosa</i>	Crinkled Hairgrass	Green	Not Listed	Not Listed	Not Listed
<i>Dichanthelium acuminatum</i>	Panic Grass	Green	Not Listed	Not Listed	Not Listed
<i>Diervilla lonicera</i>	Northern Bush-Honeysuckle	Green	Not Listed	Not Listed	Not Listed
<i>Doellingeria umbellata</i>	Parasol White-Top	Green	Not Listed	Not Listed	Not Listed
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	Green	Not Listed	Not Listed	Not Listed
<i>Dryopteris cristata</i>	Crested Shield-Fern	Green	Not Listed	Not Listed	Not Listed
<i>Eleocharis acicularis</i>	Least Spike-Rush	Green	Not Listed	Not Listed	Not Listed
<i>Eleocharis obtusa</i>	Blunt Spike-Rush	Green	Not Listed	Not Listed	Not Listed
<i>Epigaea repens</i>	Trailing Arbutus	Green	Not Listed	Not Listed	Not Listed
<i>Epilobium ciliatum</i>	Hairy Willow-Herb	Green	Not Listed	Not Listed	Not Listed
<i>Epilobium leptophyllum</i>	Linear-Leaved Willow-Herb	Green	Not Listed	Not Listed	Not Listed
<i>Equisetum arvense</i>	Field Horsetail	Green	Not Listed	Not Listed	Not Listed
<i>Equisetum sylvaticum</i>	Woodland Horsetail	Green	Not Listed	Not Listed	Not Listed
<i>Eriophorum virginicum</i>	Tawny Cotton-Grass	Green	Not Listed	Not Listed	Not Listed
<i>Eupatorium perfoliatum</i>	Common Boneset	Green	Not Listed	Not Listed	Not Listed
<i>Euthamia graminifolia</i>	Grass-leaved goldenrod	Green	Not Listed	Not Listed	Not Listed
<i>Euphrasia nemorosa</i>	Common Eyebright	Green	Not Listed	Not Listed	Not Listed
<i>Eurybia radula</i>	an aster	Green	Not Listed	Not Listed	Not Listed
<i>Fragaria virginiana</i>	Virginia Strawberry	Green	Not Listed	Not Listed	Not Listed
<i>Galium aparine</i>	Common Bedstraw	Exotic	Not Listed	Not Listed	Not Listed
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	Green	Not Listed	Not Listed	Not Listed
<i>Gaultheria hispidula</i>	Creeping Snowberry	Green	Not Listed	Not Listed	Not Listed
<i>Gaultheria procumbens</i>	Teaberry	Green	Not Listed	Not Listed	Not Listed
<i>Gaylussacia baccata</i>	Black Huckleberry	Green	Not Listed	Not Listed	Not Listed
<i>Agalinis neoscotica</i>	NS False Foxglove	Green	Not Listed	Not Listed	Not Listed
<i>Glyceria canadensis</i>	Canada Manna-Grass	Green	Not Listed	Not Listed	Not Listed
<i>Glyceria striata</i>	Fowl Manna-Grass	Green	Not Listed	Not Listed	Not Listed
<i>Gymnocarpium dryopteris</i>	Oak Fern	Green	Not Listed	Not Listed	Not Listed
<i>Houstonia caerulea</i>	Common Bluets	Green	Not Listed	Not Listed	Not Listed
<i>Hypericum boreale</i>	Boreal St. John'swort	Green	Not Listed	Not Listed	Not Listed
<i>Hypericum canadense</i>	Canadian St. John's-Wort	Green	Not Listed	Not Listed	Not Listed
<i>Ilex verticillata</i>	Black Holly	Green	Not Listed	Not Listed	Not Listed
<i>Iris versicolor</i>	Blueflag	Green	Not Listed	Not Listed	Not Listed
<i>Juncus articulatus</i>	Jointed Rush	Green	Not Listed	Not Listed	Not Listed
<i>Juncus brevicaudatus</i>	Short-tailed Rush	Green	Not Listed	Not Listed	Not Listed

Table 2 (pg3): Observed Vascular Plant Species

Project 12-4428

Scientific Name	Common Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
<i>Juncus bufonius</i>	Toad Rush	Green	Not Listed	Not Listed	Not Listed
<i>Juncus canadensis</i>	Canada Rush	Green	Not Listed	Not Listed	Not Listed
<i>Juncus effusus</i>	Soft Rush	Green	Not Listed	Not Listed	Not Listed
<i>Juncus pelocarpus</i>	bog rush	Green	Not Listed	Not Listed	Not Listed
<i>Juncus tenuis</i>	Slender Rush	Green	Not Listed	Not Listed	Not Listed
<i>Kalmia angustifolia</i>	Sheep-Laurel	Green	Not Listed	Not Listed	Not Listed
<i>Larix laricina</i>	American Larch	Green	Not Listed	Not Listed	Not Listed
<i>Linnaea borealis</i>	Twinflower	Green	Not Listed	Not Listed	Not Listed
<i>Lonicera canadensis</i>	American Fly-Honeysuckle	Green	Not Listed	Not Listed	Not Listed
<i>Lycopodium annotinum</i>	Stiff Clubmoss	Green	Not Listed	Not Listed	Not Listed
<i>Lysimachia terrestris</i>	Swamp Loosestrife	Green	Not Listed	Not Listed	Not Listed
<i>Maianthemum canadense</i>	Wild Lily-of-The-Valley	Green	Not Listed	Not Listed	Not Listed
<i>Maianthemum trifolium</i>	Three-Leaf Solomon's-Plume	Green	Not Listed	Not Listed	Not Listed
<i>Melampyrum lineare</i>	American Cow-Wheat	Green	Not Listed	Not Listed	Not Listed
<i>Mitchella repens</i>	Partridge-Berry	Green	Not Listed	Not Listed	Not Listed
<i>Monotropa uniflora</i>	Indian-Pipe	Green	Not Listed	Not Listed	Not Listed
<i>Monotropa hypopithys</i>	American Pinesap	Green	Not Listed	Not Listed	Not Listed
<i>Myrica pensylvanica</i>	Northern Bayberry	Green	Not Listed	Not Listed	Not Listed
<i>Myrica gale</i>	Sweet Gale	Green	Not Listed	Not Listed	Not Listed
<i>Nemopanthus mucronatus</i>	Mountain Holly	Green	Not Listed	Not Listed	Not Listed
<i>Oclemena acuminata</i>	Whorled Aster	Green	Not Listed	Not Listed	Not Listed
<i>Oclemena nemoralis</i>	Bog Aster	Green	Not Listed	Not Listed	Not Listed
<i>Oenothera biennis</i>	Common Evening-Primrose	Green	Not Listed	Not Listed	Not Listed
<i>Onoclea sensibilis</i>	Sensitive Fern	Green	Not Listed	Not Listed	Not Listed
<i>Orthilia secunda</i>	One-Side Wintergreen	Green	Not Listed	Not Listed	Not Listed
<i>Osmunda cinnamomea</i>	Cinnamon Fern	Green	Not Listed	Not Listed	Not Listed
<i>Osmunda claytoniana</i>	Interrupted Fern	Green	Not Listed	Not Listed	Not Listed
<i>Oxalis montana</i>	White Wood-Sorrel	Green	Not Listed	Not Listed	Not Listed
<i>Phegopteris connectilis</i>	Northern Beech Fern	Green	Not Listed	Not Listed	Not Listed
<i>Photinia melanocarpa</i>	Black Chokeberry	Green	Not Listed	Not Listed	Not Listed
<i>Picea glauca</i>	White Spruce	Green	Not Listed	Not Listed	Not Listed
<i>Picea mariana</i>	Black Spruce	Green	Not Listed	Not Listed	Not Listed
<i>Picea rubens</i>	Red Spruce	Green	Not Listed	Not Listed	Not Listed
<i>Pinus strobus</i>	Eastern White Pine	Green	Not Listed	Not Listed	Not Listed
<i>Platanthera dilatata</i>	Tall white bog orchid	Green	Not Listed	Not Listed	Not Listed

Table 2 (pg4): Observed Vascular Plant Species

Project 12-4428

Scientific Name	Common Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
<i>Poa pratensis</i>	Kentucky Blue grass	Green	Not Listed	Not Listed	Not Listed
<i>Fallopia cilinodis</i>	Fringed Black Bindweed	Green	Not Listed	Not Listed	Not Listed
<i>Persicaria hydropiper</i>	Water Pepper	Exotic	Not Listed	Not Listed	Not Listed
<i>Polygonum sagittatum</i>	Arrow-Leaved Tearthumb	Green	Not Listed	Not Listed	Not Listed
<i>Polypodium virginianum</i>	Rock Polypody	Green	Not Listed	Not Listed	Not Listed
<i>Populus tremuloides</i>	Quaking Aspen	Green	Not Listed	Not Listed	Not Listed
<i>Potentilla simplex</i>	Cinquefoil	Green	Not Listed	Not Listed	Not Listed
<i>Prenanthes trifoliolata</i>	Three-Leaved Rattlesnake-root	Green	Not Listed	Not Listed	Not Listed
<i>Prunus pensylvanica</i>	Fire Cherry	Green	Not Listed	Not Listed	Not Listed
<i>Pteridium aquilinum</i>	Bracken Fern	Green	Not Listed	Not Listed	Not Listed
<i>Rhododendron canadense</i>	Rhodora	Green	Not Listed	Not Listed	Not Listed
<i>Rosa palustris</i>	Marsh Rose	Green	Not Listed	Not Listed	Not Listed
<i>Rosa virginiana</i>	Virginia Rose	Green	Not Listed	Not Listed	Not Listed
<i>Rubus hispidus</i>	Bristly Dewberry	Green	Not Listed	Not Listed	Not Listed
<i>Rubus idaeus</i>	Red Raspberry	Green	Not Listed	Not Listed	Not Listed
<i>Rubus allegheniensis</i>	Allegheny Blackberry	Green	Not Listed	Not Listed	Not Listed
<i>Rubus pubescens</i>	Dwarf Red Raspberry	Green	Not Listed	Not Listed	Not Listed
<i>Rubus recurvicaulis</i>	a bramble	Green	Not Listed	Not Listed	Not Listed
<i>Salix bebbiana</i>	Bebb's Willow	Green	Not Listed	Not Listed	Not Listed
<i>Salix pyrifolia</i>	Balsam Willow	Green	Not Listed	Not Listed	Not Listed
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	Green	Not Listed	Not Listed	Not Listed
<i>Scirpus microcarpus</i>	Small-Fruit Bulrush	Green	Not Listed	Not Listed	Not Listed
<i>Sisyrinchium montanum</i>	Strict Blue-Eyed-Grass	Green	Not Listed	Not Listed	Not Listed
<i>Solidago canadensis</i>	Canada Goldenrod	Green	Not Listed	Not Listed	Not Listed
<i>Solidago puberula</i>	Downy Goldenrod	Green	Not Listed	Not Listed	Not Listed
<i>Solidago rugosa</i>	Rough-Leaf Goldenrod	Green	Not Listed	Not Listed	Not Listed
<i>Solidago uliginosa</i>	Bog Goldenrod	Green	Not Listed	Not Listed	Not Listed
<i>Sorbus americana</i>	American Mountain-Ash	Green	Not Listed	Not Listed	Not Listed
<i>Spiraea alba</i>	Narrow-Leaved Meadow-Sweet	Green	Not Listed	Not Listed	Not Listed
<i>Spiraea tomentosa</i>	Hardhack Spiraea	Green	Not Listed	Not Listed	Not Listed
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	Green	Not Listed	Not Listed	Not Listed
<i>Symphyotrichum novi-belgii</i>	New Belgium American-Aster	Green	Not Listed	Not Listed	Not Listed
<i>Eurybia radula</i>	Rough Aster	Green	Not Listed	Not Listed	Not Listed
<i>Taxus canadensis</i>	Canadian Yew	Green	Not Listed	Not Listed	Not Listed
<i>Thalictrum pubescens</i>	Tall Meadow-Rue	Green	Not Listed	Not Listed	Not Listed

Table 2 (pg5): Observed Vascular Plant Species

Project 12-4428

Scientific Name	Common Name	NSDNR Status	COSEWIC Status	SARA Status	NSESA Status
<i>Thelypteris noveboracensis</i>	New York Fern	Green	Not Listed	Not Listed	Not Listed
<i>Trientalis borealis</i>	Northern Starflower	Green	Not Listed	Not Listed	Not Listed
<i>Typha latifolia</i>	Broad-leaf Cattail	Green	Not Listed	Not Listed	Not Listed
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	Green	Not Listed	Not Listed	Not Listed
<i>Vaccinium macrocarpon</i>	Large Cranberry	Green	Not Listed	Not Listed	Not Listed
<i>Vaccinium myrtilloides</i>	Velvet-leaf Blueberry	Green	Not Listed	Not Listed	Not Listed
<i>Vaccinium vitis-idaea</i>	Mountain Cranberry	Green	Not Listed	Not Listed	Not Listed
<i>Viburnum opulus</i>	Possum-Haw Viburnum	Green	Not Listed	Not Listed	Not Listed
<i>Viola cucullata</i>	Marsh Blue Violet	Green	Not Listed	Not Listed	Not Listed
<i>Viola macloskeyi</i>	Smooth White Violet	Green	Not Listed	Not Listed	Not Listed
<i>Centaurea nigra</i>	Black Knapweed	Exotic	Not Listed	Not Listed	Not Listed
<i>Festuca filiformis</i>	Hair Fescue	Exotic	Not Listed	Not Listed	Not Listed
<i>Hieracium pilosella</i>	Mouse-eared hawkweed	Exotic	Not Listed	Not Listed	Not Listed
<i>Lathyrus aphaca</i>	Yellow Vetchling	Exotic	Not Listed	Not Listed	Not Listed
<i>Leontodon autumnalis</i>	Fall Dandelion	Exotic	Not Listed	Not Listed	Not Listed
<i>Phleum pratense</i>	Timothy	Exotic	Not Listed	Not Listed	Not Listed
<i>Potentilla norvegica</i>	Norway Cinquefoil	Green	Not Listed	Not Listed	Not Listed
<i>Ranunculus repens</i>	creeping buttercup	Exotic	Not Listed	Not Listed	Not Listed
<i>Veronica officinalis</i>	wood speedwell	Exotic	Not Listed	Not Listed	Not Listed
<i>Trifolium arvense</i>	rabbitfoot clover	Exotic	Not Listed	Not Listed	Not Listed
<i>Trifolium hybridum</i>	alsike clover	Exotic	Not Listed	Not Listed	Not Listed
<i>Trifolium pratense</i>	red clover	Exotic	Not Listed	Not Listed	Not Listed
<i>Trifolium repens</i>	white clover	Exotic	Not Listed	Not Listed	Not Listed

APPENDIX C
PHOTO LOG



Photo 1: Regenerating forests.



Photo 2: Disturbed habitat.



Photo 3: Upland forest.



Photo 4: Wetland habitat.