

NAME OF UNDERTAKING: Crown Land Application No. 123261
Turf Production

PROPONENT:

- i) Name of Corporate Body: Murphy's Sod Farm
- ii) Address: P.O. Box 3208
Paradise, NL
A1L 3W3
- iii) Chief Executive Officer:
Name: Perry Murphy
Official Title: Owner
Address: Same as above
Telephone No.: (709)687-3297
- iv) Principal Contact Person for Purposes of Environmental Assessment:
Tiffany Murphy – (709)690-2117

THE UNDERTAKING:

- i) Nature of the Undertaking: This Project involves the extension to an already existing sod farm which is 25 hectares. The extension is approximately 109 Hectare of land within a crown land agricultural lease within the Whitbourne agricultural development area. Refer to map 1 and 2. Only the areas of land suitable for turf crop will be developed.
- ii) Purpose/Rationale/Need for the Undertaking: To produce a turf crop to sell to the local market. Business owners especially the landscaping industry due to the extensive amount of new home construction locally.

DESCRIPTION OF THE UNDERTAKING:

- i) Geographical Location: The site is located on the North side of the TCH in the Whitbourne area approximately 1 km passed the Argentinia ferry turnoff. Refer to map 3.

- ii) **Physical Features:** The development of turf fields will require the removal of all vegetation, stumps and stones, leveling and the planting of turf seed. The proposed area is mostly clear except for some spruce trees. Refer To pictures 1 and 2. There will be no buildings or other constructed farm infrastructure associated with this project at this time. Within the agricultural lease, all arable peat will be developed for turf production. It will be developed in stages approximately 5 acres per year until development is complete. Areas which cannot be developed due to slope, wetness, bedrock, stoniness etc. will be maintained in their natural condition and act as buffers. All riparian zones will not be developed. Example of riparian zones pictures 3 and 4.
- iii) **Construction:** There is existing access to the site. Land clearing and development will begin in the spring of 2012 and continue in stages until complete, pending approval. Land clearing will continue until all suitable land within the lease has been developed for turf production. There are no significant sources of pollution anticipated during the construction phase of this undertaking. Environmental controls will be utilized to mitigate resource conflict in accordance with environmental guidelines.
- iv) **Operation:** Once the fields have been developed all arable land will be developed for turf production permanently. Normal farm practices will be undertaken for the seeding, growth and harvesting of the crop. This will include soil testing and application of fertilizers and limestone. The farm is in operation for 6 months of the year depending on the weather. Usually spring, summer and a little into the fall. Significant environmental impact is not anticipated during the operational phase of the undertaking. All regulatory and environmental guidelines will be followed.
- v) **Occupations:** During the construction phase of this undertaking some of the land development may be subcontracted to local heavy equipment and construction companies. During the operational phase of this undertaking 2-3 farm employees will carry out the work using equipment owned by the farm.
- vi) **Project-Related Documents:**
 - 1)Maps
 - 2)Pictures

APPROVAL OF THE UNDERTAKING:

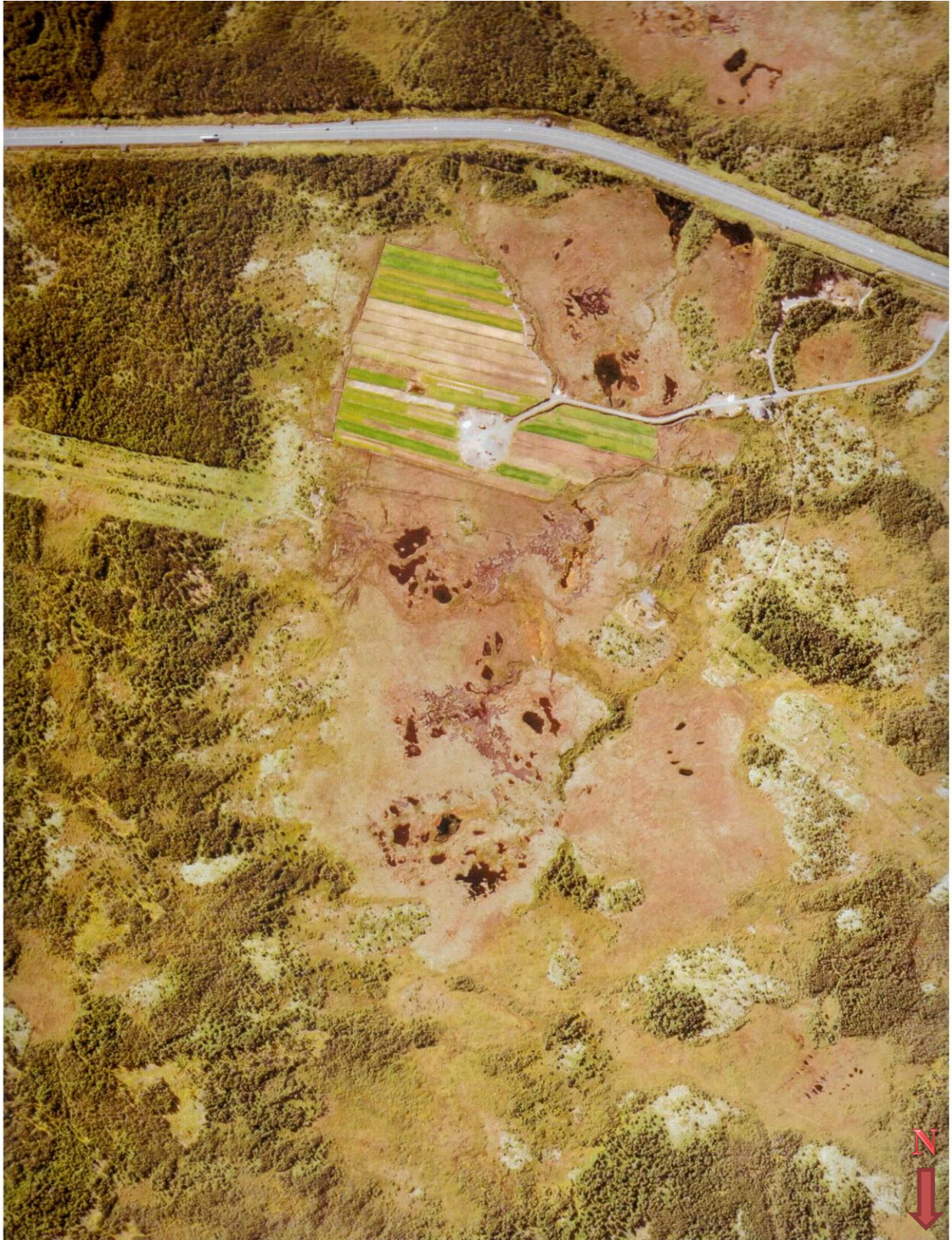
- i) Crown Land Agricultural Lease (Pending) – Department of Environment and Conservation

SCHEDULE:

The earliest date when project construction could begin would be April 2012. It will continue until all development is completed.

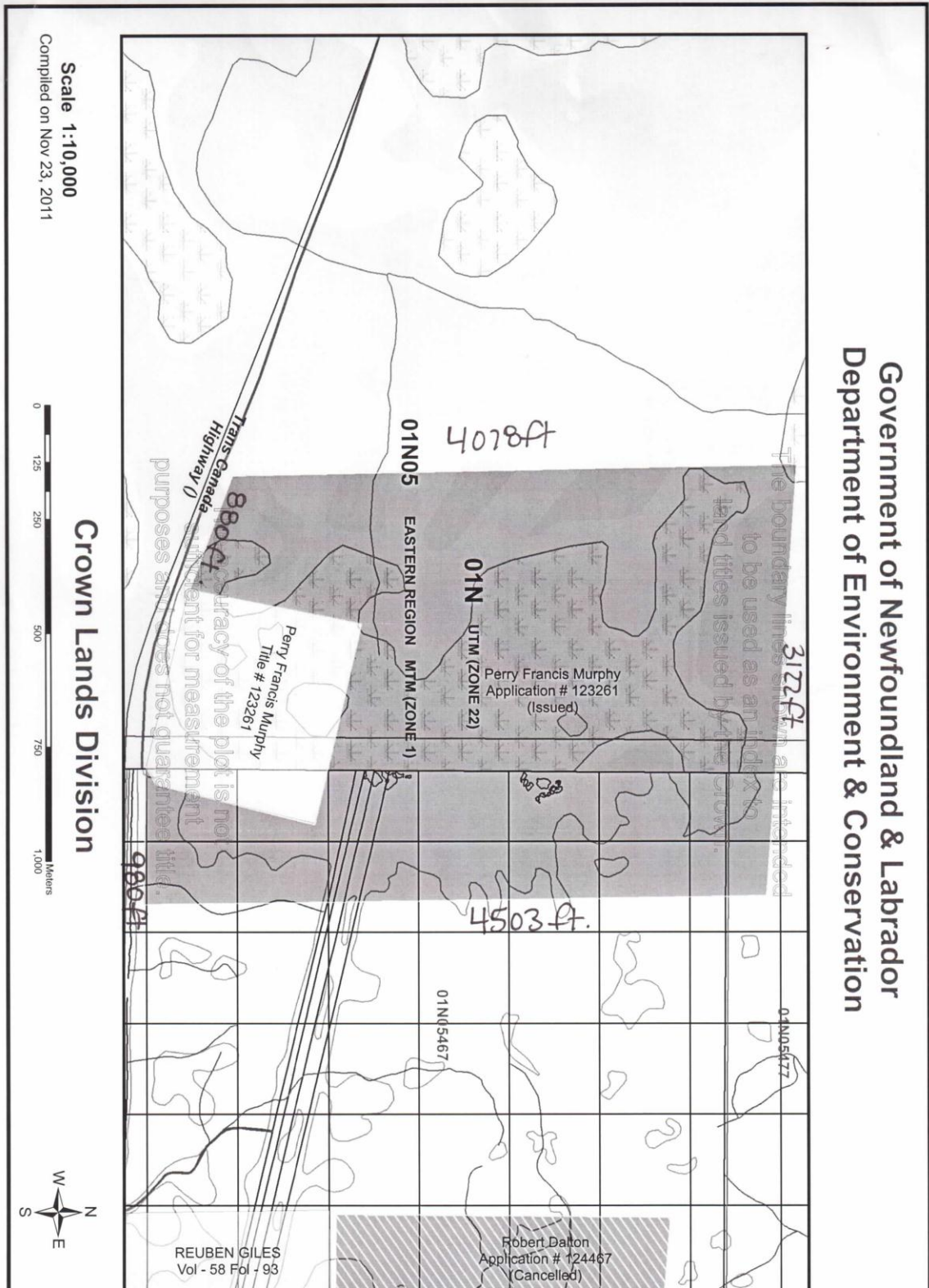
Perry Murphy
Murphy's Sod Farm
Keeping it green!

Date

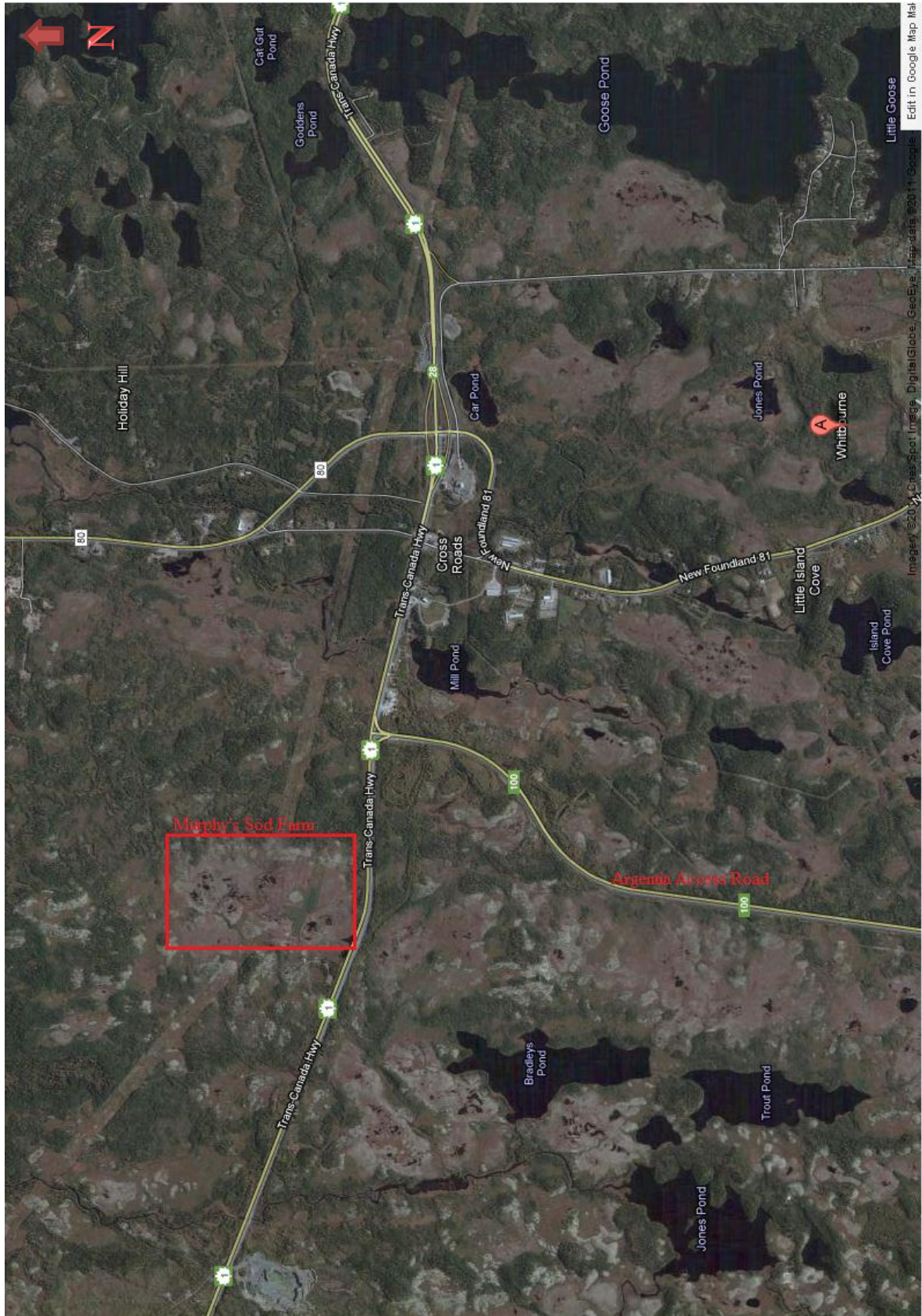


MAP 1 – Project Area

Government of Newfoundland & Labrador
 Department of Environment & Conservation



MAP 2 - Crown Land agricultural lease application



MAP 3 – Location Map

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Picture 1 North East



Picture 2 North



Picture 3 North



Picture 4 North East