



Cox's Construction Ltd.

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Lawn

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September 23, 2016

Government of Newfoundland and Labrador
Department of Environment and Conservation

Project: Little Lawn Harbour Quarry
Location: 24 km Ne of Little Lawn Harbour
Attention: Bas Cleary – Director
File Ref No. 200.20.2516

Dear Mr. Cleary:

As per your correspondence, dated September 19, 2016, please find the attached information that you requested. If you need any further information please contact me.

Thanks

Cox's Construction Ltd.

NAME OF UNDERTAKING:

Little Lawn Harbour Quarry – Cox’s Construction Ltd. Quarry Permit

PROPONENT:

Name of Corporate Body

Cox’s Construction Ltd.

Address

P.O. Box 157

Lawn, NL

A0E 2E0

Chief Executive Officer

Mrs. Christina Cox

P.O. Box 157

Lawn, NL

A0E 2E0

Principal Contact Person

Mr. Dale Cox

Superintendent

P.O. Box 166

Lawn, NL

A0E 2E0

THE UNDERTAKING:

Nature of the Undertaking

The proposed project involves the development of 5 hectare gravel, sand, rock and pit run quarry located approx. 500 m North of Luke’s Pit, St. Lawrence Route 220

Purposed/Need for the Undertaking

To have access to gravel, sand, rock and pit run for excavation work in the Lawn & St. Lawrence area.

DESCRIPTION OF UNDERTAKING

Geographic Location

The proposed quarry is located approximately 5.0 km West from the Town of St. Lawrence S side of Little Lawn R, 350 m SW of Route 220

Physical Features

The area is comprised of gravel; sand, rock and pit run adequate for back fill. The on-site vegetation is shrubs and low-lying bushes and marshes. The nearby watercourses are for recreational purposes. The recreational activities that take place in the nearby waterbodies are beyond minimal. These were old swimming holes of many years ago that have filled in over the years. The distance between the closest boundary of proposed quarry and any rivers and brooks is about 150 - 200 feet. They are not identified as salmon rivers. The length of the new road to be constructed to access the site is ½ a kilometer. The access road will require a culvert only when access is made from Route 220 highway to proposed quarry. Wildlife content is also typical for the region. The only wildlife and birds are known to habitat in the area, would possibly be partridges.

Construction

This phase of development will primarily consist of:

- Start of construction (pending approval)
- Clearing and Grubbing (pending approval)
- Pit development and associated control measures

The material that is cleared and grubbed during construction will be pushed back and placed in berms so that there is less display of disturbance to the environment.

Geotextile or filter fabric will be installed to protect any sediment from running off.

A 150 feet – 200 feet buffer zone of undisturbed vegetative growth will be maintained between construction activities and the high water mark of nearby water courses.

Fuelling/refueling activities will be managed to prevent/contain/clean-up potential spills during construction. First of all, our equipment is equipped with spill kits in them. We also do environmental clean ups as part of our work so we are lucky to have an emergency response unit always ready. We also have booms or pads at easy access to protect the environment at all times. We work closely with Stantec, EFI Global, Pinchin Leblanc, which are all Environmental Consulting Firms.

Maps: See attached maps..

I don't see any potential resource conflicts during construction, e.g., with adjacent quarry operators and land users, because Department of Works, Transportation is on the other side. There is a water source that is between. I don't see any reason for conflict. Everyone is working towards the same goal.

Operation

The activities that will be undertaken on-site, are crushing, screening and excavating.

This phase will primarily consist of:

- Seasonal work from late April to early December
- Excavation and loading of gravel, sand, rock and pit run
- Materials such as overburden and large rock will be stockpiled for later use.

No blasting or drilling. Removal will be only by excavator only.

Waste will be contained/handled removed and properly disposed to waste disposal facility if necessary or Waste Management site.

Fuelling/refueling activities will be managed to prevent/contain/clean-up potential spills during operation. Fuel will be transferred by a proper fuel tank with hose and nozzle. Plus spill kits that will be readily available on-

site, and a spill contingency plan including spill response training for employees.

Equipment that will be used for this project:

- Dump trucks
- Front end loaders
- Excavators
- Screeners

Potential pollutants: There exists the potential for dust creation and noise emission during operations. Both events are kept minimal with the proper measures such as:

- Machinery will be properly muffled
- Machinery will comply with all noise bylaws
- Machinery will have appropriate emission mechanisms
- Construction will be done during daylight hours to limit impact upon wildlife.
- Trucks and equipment will be serviced and maintained off site to prevent any site contamination.

The mitigative measures that will be undertaken to prevent surface water from the quarry site from impacting nearby watercourses include maintaining undisturbed vegetation zone, ditching, and geotextile or filter fabric will be put in place if necessary.

OCCUPATIONS

Three employees, All Heavy Equipment Operators with required certification. NOC 7521

Each employee's works full time. As part of our company these people are assigned to their work positions. Given the fact that this is an existing construction company there will be no direct hires or contracted out or need for equal gender opportunities.

Project Related Documents

Development Permit, Service NL File Number MP-2016 107864 00

Permit Number: 204065

Department of Natural Resources, File # 71111594

APPROVAL OF THE UNDERTAKING:

Following is a list of government authorities involved in the procurement of this project:

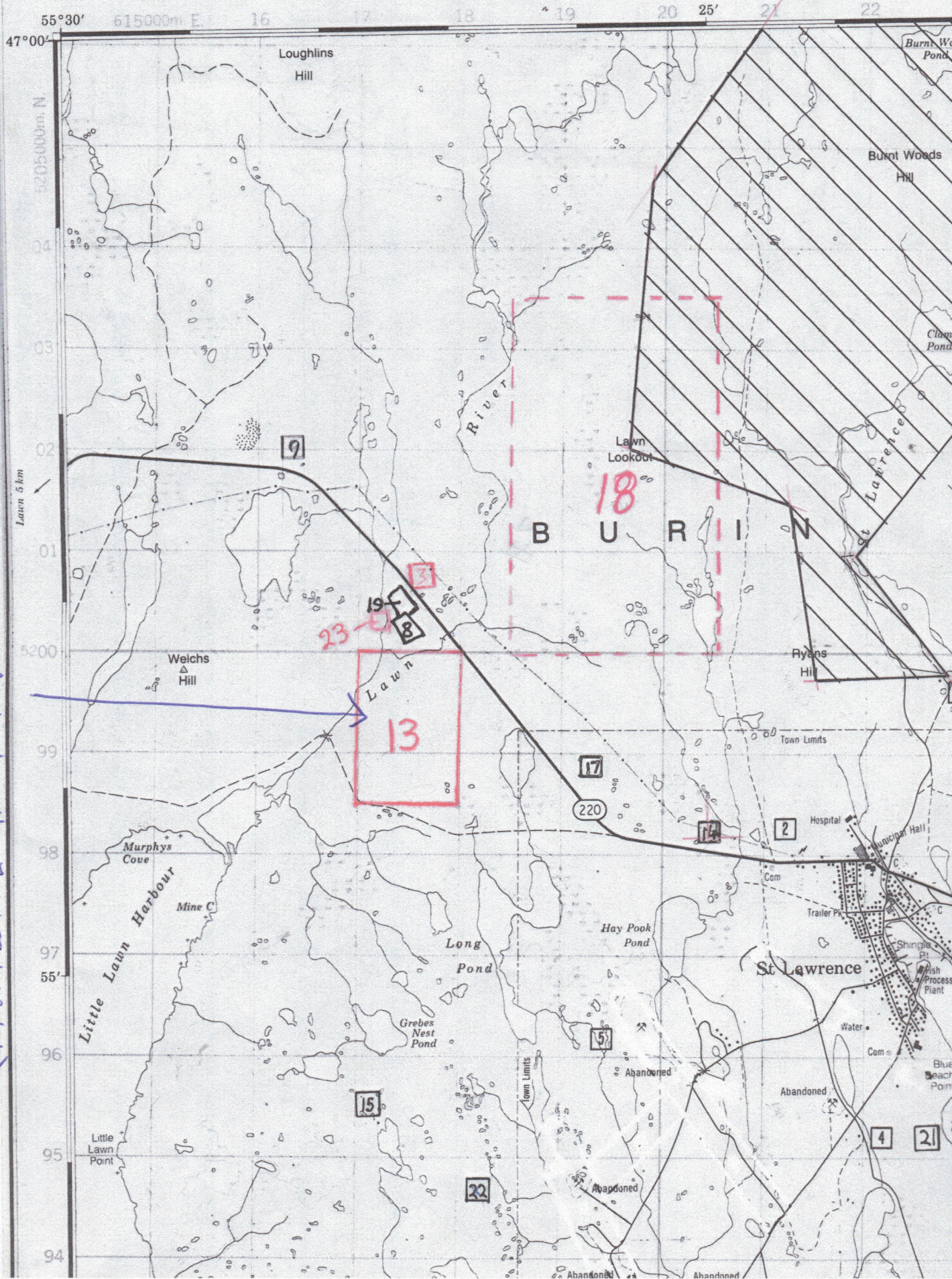
- Department of Natural Resources, St. John's, Andrea (Inspector) 729-4044
- Service NL, Clarenville, Robert Groves, 466- 4064
- Crown Lands, Clarenville, Robert May 466-4073
- Environmental Assessments, Bas Cleary 729-0090
- If a culvert is required: Water Resources Management Division, St. John's NL 729-4795.

SCHEDULE:

Work Commencement is based on seasons. April to December or based on demand.

September 23, 2016

Cox's Construction Ltd.



Application # 7111594 (RET#)
 Co's Cons Franchise

LITTLE LAMN RIVER

BROOK

FOX HUMMUCKS

BROOK

N 46° 56' 643"

W 55° 27' 453"

COX'S
CONSTRUCTION
LIMITED

N 46° 56' 610"

W 55° 27' 420"

TR Excavating

TW Quarry

NorTech
Const.

N 46° 56' 696"

W 55° 27' 044"

metres 000

N 46° 56' 646"

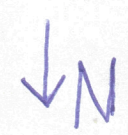
W 55° 27' 983"

NOTE: USING THE NORTH AMERICAN DATUM

R220

R220 St. Lawrence

5.0km West of St. Lawrence



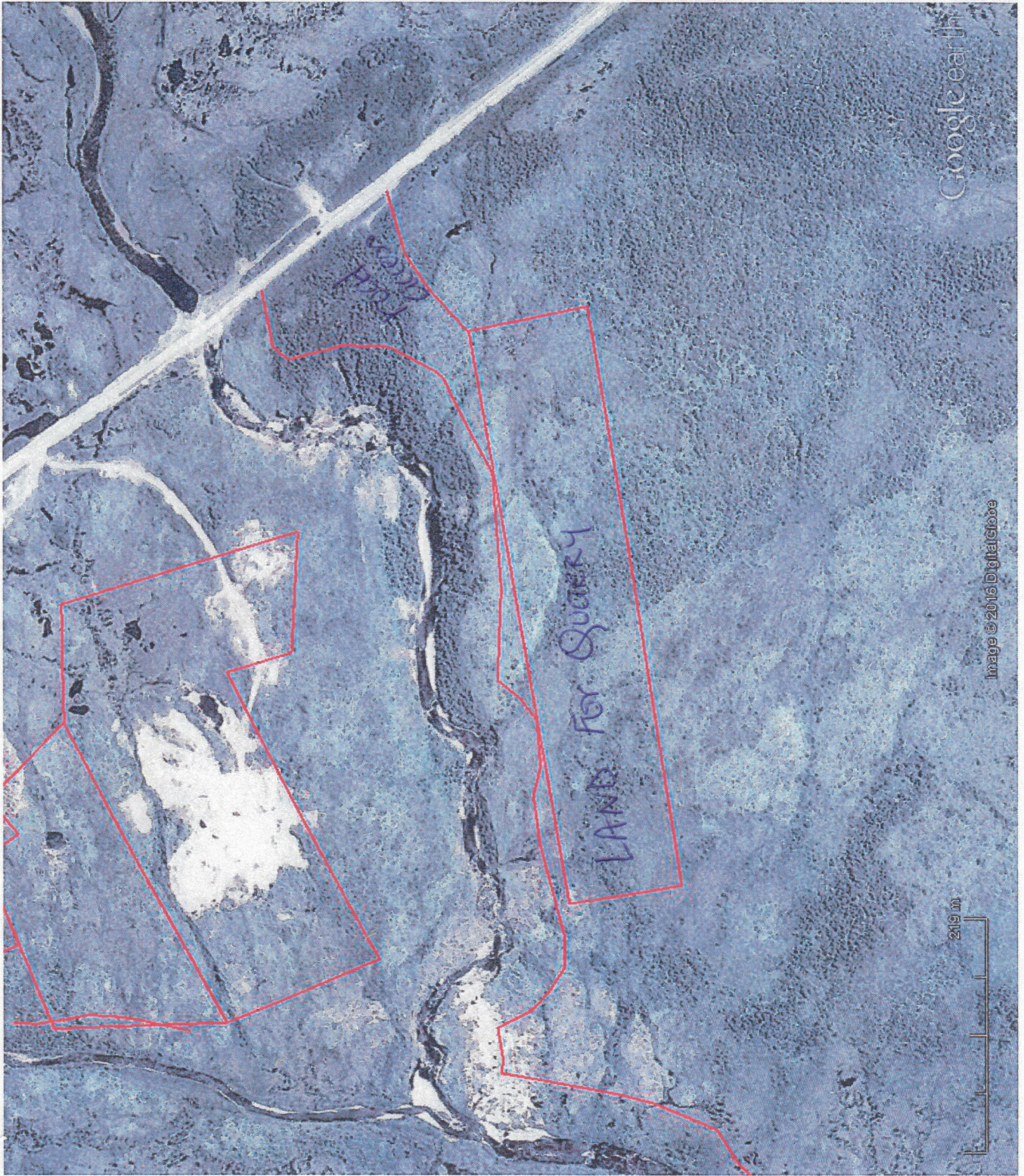




Image © 2016 DigitalGlobe
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Google Earth

2003

Imagery Date: 8/15/2013 46°56'37.54" N 55°27'10.14" W elev 242 ft eye alt 2562 ft

10/7/2015



Image © 2016 DigitalGlobe

Google earth

2003

Imagery Date: 6/18/2003 21 T 617748.50 m E 5200102.97 m N elev 0 m eye alt 679 m