

June 24, 2020

Minister of Municipal Affairs and Environment
PO Box 8700
St John's NL A1B 4J6

Attention: Director of Environmental Assessment

Re: Environmental Assessment (EA) Registration
Laurel Road Residence Shoreline Protection

Dear Sir / Madam:

This Environmental Assessment (EA) registration is submitted on behalf of the Cahill Group of Companies for an undertaking to provide shoreline protection at the Laurel Road Residence in Conception Bay South, NL. The Laurel Road Residence is located on the southern shoreline of Conception Bay and is currently eroding due to wave impacts influenced by high winds and tidal forces.

The proposed shoreline protection for this undertaking is the use of Class II hydraulic rip-rap buried along the entire property's shoreline (approximately 140m in length). The rip-rap will be covered with 300mm of natural beach material to maintain littoral sediment transport and public beach accessibility.

I trust the information contained in this EA registration is suitable. If you have any questions, please contact the EA's principal contact, Mr. Hans Arisz, by phone: (506) 455-2888 or e-mail: harisz@rvanderson.com.

Yours very truly,



Mr. Fred Cahill

Encls:

Environmental Assessment (EA) Registration

- 10 paper copies
- 1 digital copy

Environmental Assessment (EA) Registration

Laurel Road Residence Shoreline Protection

1. PROPONENT

Name of Corporate Body:

Cahill Group of Companies

Address:

The Tower Corporate Campus
P.O. Box 1674
240 Waterford Bridge Road
St. John's, NL
A1E 1E2

Chief Executive Officer:

Mr. Peter Cahill
Cahill Group of Companies
President

The Tower Corporate Campus
P.O. Box 1674240
Waterford Bridge Road
St. John's, NL
A1E 1E2

(709) 368-2125

Principal Contact Person for EA:

Mr. Hans Arisz
R.V. Anderson Associates Ltd.
Principal

445 Urquhart Crescent
Fredericton, NB
E3B 8K4

(506) 455-2888

2. THE UNDERTAKING

Name of the Undertaking

Laurel Road Residence Shoreline Protection

Purpose/Rationale/Need for the Undertaking

The Laurel Road Residence is located on the southern shoreline of Conception Bay. The shoreline of this property is currently eroding due to wave impacts influenced by high winds and tidal forces. Climate change impacts will likely exacerbate this issue and shoreline protection is required to ensure the foundation and structural integrity of the residential building is not compromised.

3. DESCRIPTION OF THE UNDERTAKING

Geographical Location

The Laurel Road Residence is located north-west of Conception Bay South, NL, situated along the south-eastern shoreline of the Conception Bay. The property is located at the northern end of the Laurel Road with direct access to Route 60 (Conception Bay Hwy). 1:12,500 and 1:50,000 scale maps are presented in Figure 1 and Figure 2 to provide an overview of the geographical location and surrounding features. Full size maps, including a National Topographic Survey edition map, are appended in Appendix 1.

Figure 1 - 1:50,000 scale, Google Traffic base map

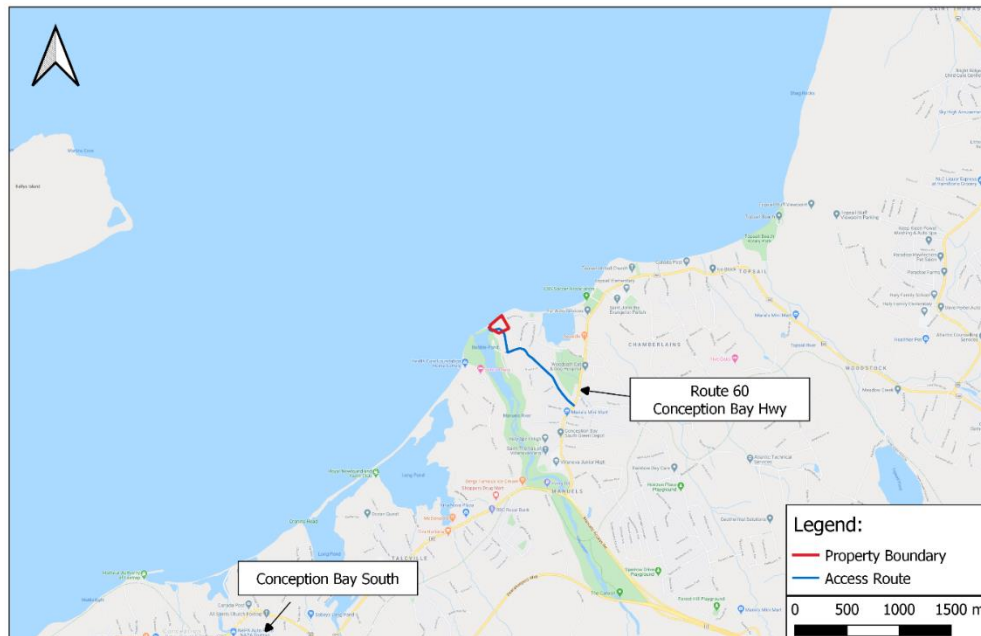
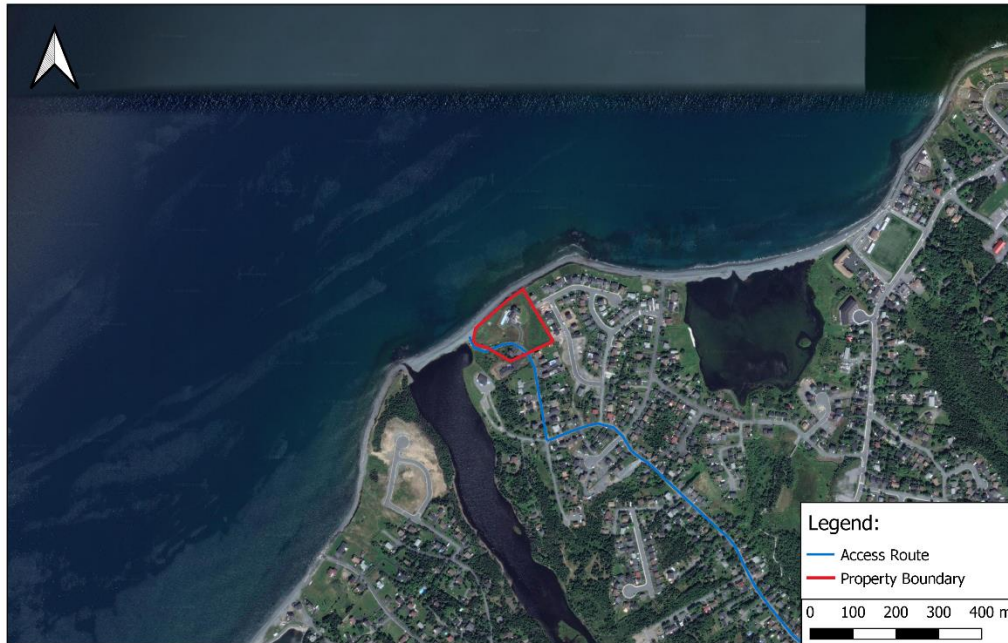


Figure 2 - 1:12,500 scale, Google Satellite base map



Physical Features

The undertaking includes the provision of shoreline protection along the entire property using buried Class II hydraulic rip-rap (average stone size of 570mm). The shoreline protection is approximately 140m long and 15m wide, impacting a total area of 2,100m². The embankment will be composed of buried Class II hydraulic rip-rap with a thickness between 2.2m and 1.1m. The shoreline protection includes the provision of 300mm minimum cover of natural beach material over the embankment to maintain littoral sediment transport and public beach access. An approximate footprint of the shoreline protection and a sample cross-section of the embankment are shown in Figure 3 and Figure 4, respectively. Detailed drawings for the shoreline protection are appended in Appendix 2.

Physical and biological environments which may be affected by the undertaking include near-shore ecosystems, littoral sediment transport, and nesting animal disruption. The impacts on the near-shore ecosystems and nesting animal disruptions are temporary as the ecosystem and natural shoreline will be restored by placing a minimum of 300mm beach material on top of the shoreline protection (rip-rap), as shown in Figure 4. Secondly, contractors will assess the area in advance of construction to ensure no nesting habitats are present.

The impacts of the project on littoral sediment transport are described below along with a rationale for the project and the basis of design. The bluff along the property shoreline are un lithified and have experienced cliff top erosion at an average rate of 9.5 cm per year based on data by Irvine (2019) collected from 2002 to 2014. The historic erosion of these bluffs has resulted in the formation of partial protective boulder lags along the cliff base and is a sediment source to downdrift beaches (Chamberlains and Topsail beach).

The effects of climate change are predicted to increase sea level by 68 cm to 175 cm by the year 2100 and increase the frequency and intensity of severe storms. These increases are expected

to result in larger waves reaching the base of the bluff, narrowing of the beach and an increase in the rate of coastal erosion. The increased rate of coastal erosion and littoral sediment supply in-turn may lead to more rapid shoreline progradation downdrift and the closure/modification of tidal inlets in the Chamberlains and Topsail beach barriers (Laura Clare Paone, 2003).

The most significant impact of the proposed project on the littoral sediment transport is a reduction in the sediment load available for transport to downdrift beaches. This impact will however be offset by the significant overall increase in coastline erosion and sediment available for littoral transport expected to result from the effects of climate change. Protection of high-value infrastructure and development is an accepted approach to mitigating the risks of coastline erosion and flooding (in addition to “managed retreat and avoidance” and “accommodation”), provided it is financially sustainable and does not interfere with risk mitigation of nearby areas. As the construction and future maintenance of the proposed project is financed privately, the financial sustainability is assured. As the risk of coastline erosion and flooding of nearby areas is driven by sea level rise due to the effects of climate change, rather than changes in littoral sediment transport, the protection of the Cahill residence does not interfere with the risk mitigation of nearby areas.

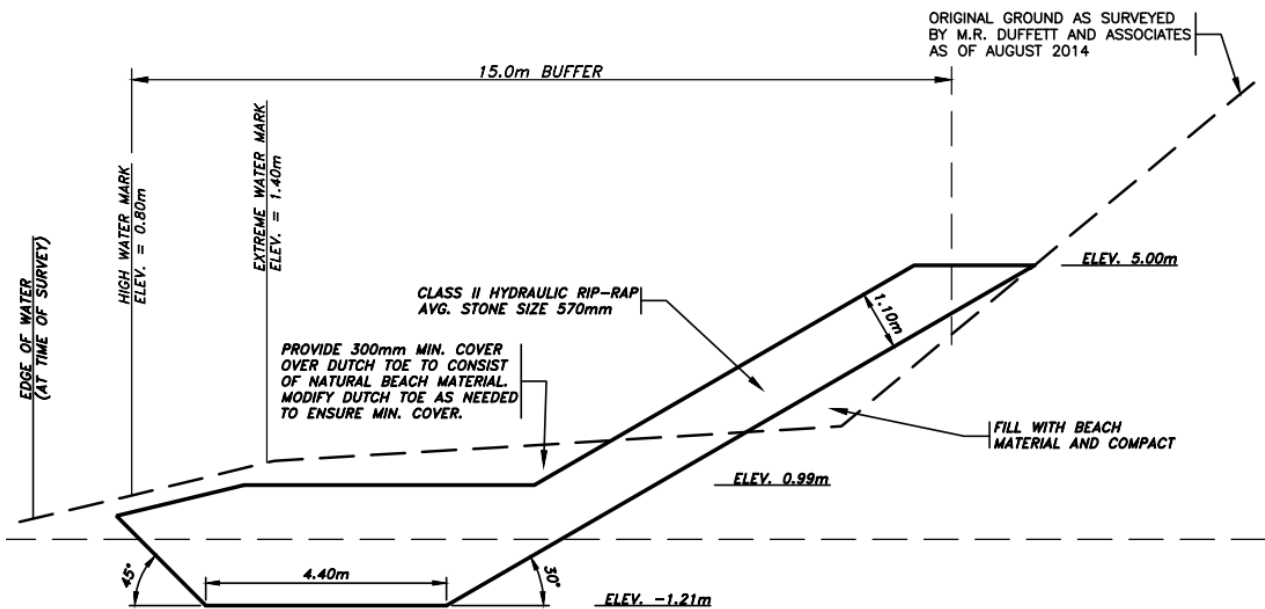
The rationale for the proposed project is based on the current and predicted increased rate of cliff top erosion being sufficiently large to warrant measures to mitigate the risks to the Cahill residence. As the residence is fully established, the strategies based on either “managed retreat or avoidance” and “accommodation” are no longer practical and a protection-based strategy (as outlined in the registration document) was adapted.

The basis of design for the proposed works did consider predicted sea level rise as well as changes in the sea ice and wave climate, while future maintenance needs were considered and found to be acceptable.

Figure 3 - Approximate Footprint of Impacted Area



Figure 4 - Sample Cross-Sectional Drawing of Proposed Embankment



Construction

The approximate construction period of the undertaking is 1.5 months. Construction activities include excavation of existing material, placement of rip-rap and backfill of beach material. The date of first physical construction is expected to occur on May 1, 2020.

All construction activities will be completed with the use of excavators and dump trucks. The operation of these vehicles is expected to generate greenhouse gas emissions (e.g. carbon dioxide) and small quantities of particulate matter emissions. There is a small potential for the excavators to leak hydraulic fluid during operation. Daily inspections of the equipment will be conducted to ensure the good operation of excavators, minimizing the potential for liquid emissions during construction.

There are no potential causes of resource conflicts.

Operation

Not applicable - no operation impacts are anticipated.

Occupations

The construction of the shoreline protection is expected to require 12 employees. A breakdown of the occupations anticipated for this undertaking are listed in Table 1.

Table 1 - Breakdown of Occupations (2006 National Occupational Classification)

Unit	Group	Total Time (hrs)	% of Total
0711	Construction Managers	100	3.39%
2131	Civil Engineers	50	1.69%
2264	Construction Inspectors	100	3.39%
7217	Contractors and Supervisors, Heavy Construction Equipment Crews	900	30.51%
7421	Heavy Equipment Operators (except crane)	1500	50.85%
7411	Truck Drivers	300	10.17%
TOTAL		2950	100%

All work is to be carried out by third-party contractors.

Employment equity relative to age and gender will be determined in accordance with applicable laws governing the contractors selected. The employment will be qualification based and will ensure selection of contractor is as equitable as possible.

Project Related Documents

Project-related documents already generated for the proponent include:

1. Drawings (Appendix 2)
2. Design Calculations

4. APPROVAL OF THE UNDERTAKING

To date formal submissions have been made to the following Regulatory Agencies:

- Town of Conception Bay South
- Department of Environment
- Department of Fisheries and Oceans
- Department of Crown Lands

Copies of the approvals received can be found in Appendix 3.

5. SCHEDULE

The construction date will be adjusted to accommodate the regulatory review process, environmental constraints, the construction season and public beach access during the summer season.

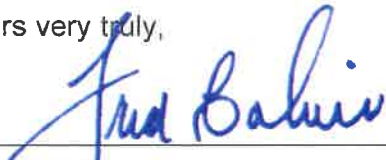
6. FUNDING

This project is 100% privately funded by the proponent and does not rely upon a grant or loan of capital funds from a government agency.

7. SIGNATURE

I trust the information contained in this EA registration is suitable. If you have any questions, please contact the EA's principal contact, Mr. Hans Arisz by phone at (506) 455-2888 or e-mail harisz@rvanderson.com.

Yours very truly,



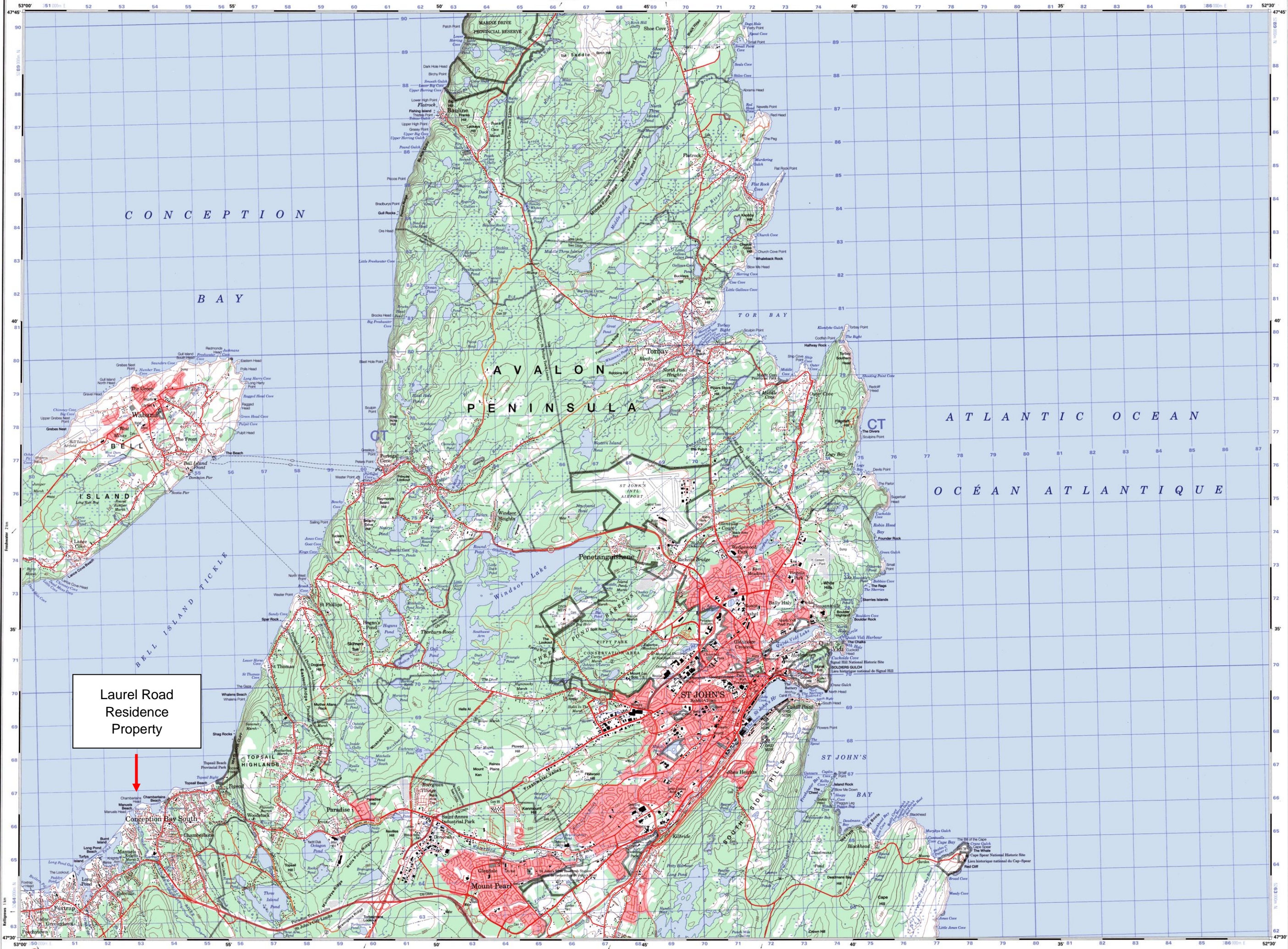
Mr. Fred Cahill

Date:

June 24th, 2020

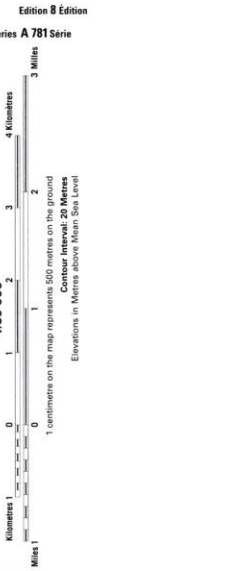
APPENDIX 1

Mapping



Laurel Road
Residence
Property

ST JOHN'S
NEUFONDLAND • TERRE-NEUVE



Use diagram only to obtain numerical values
Approximate Mean Declination 2000
for centre of map
Annual change decreasing 7.6"

Transverse Mercator Projection
Projection Transverse de Mercator
North American Datum 1983
Coordinate conversion NAD 83 (WGS 84) to NAD 27
Mean values for this map:
Geographic: Latitude + add 0.7"
Longitude + add 3.6"
Grid: Northing + subtract 212 m
Easting + subtract 79 m

1000 metre
Universal Transverse Mercator Grid
Zone 22
100 000 metre Square
Identification
CT
Grid Zone Designation
22 T



Idea and realizations:
Antoine Salathé and Joachim Bungert
Produced, published and distributed by:
"Quadrat" PC-Service
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"ANOVO Inc.", Antoine Salathé
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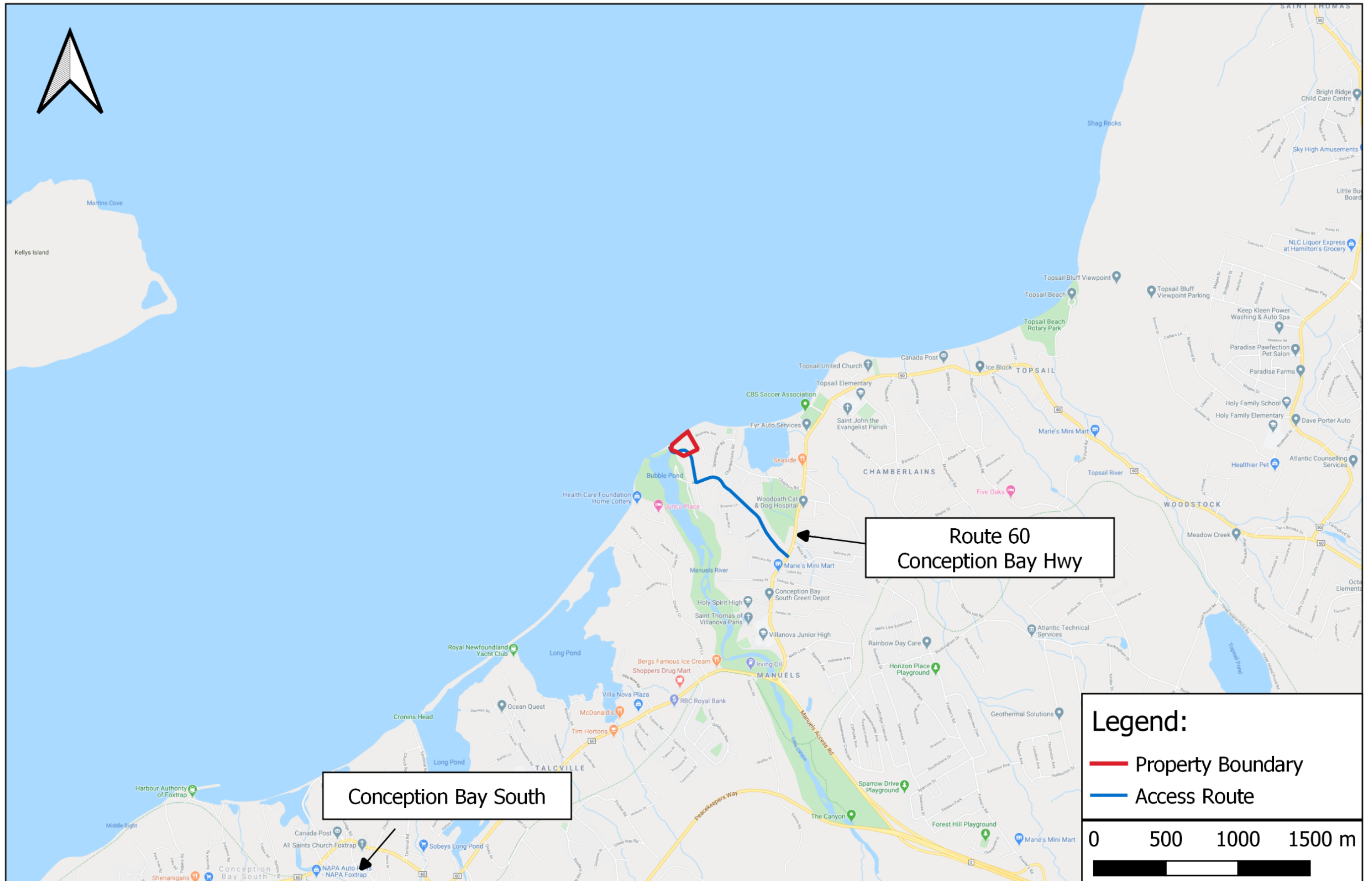
M. Francis Kelly Ltd.
P.O. Box 100, St. John's, Newfoundland
Newfoundland, Canada, A1B 2X2
Tel: (709) 573-5123, (709) 573-5122
Toll Free # 1-877-953-9199 (Atlantic Canada only)
http://www.mfkelly.com/ e-mail: mfkelly@telus.net

48°10'	1 N/14	1 N/15
47°45'	1 N/11	1 N/10
47°20'	1 N/6	1 N/7
47°15'		

Produced by the Centre for Topographic Information, Natural Resources Canada. Boundaries and topography current as of 2000; road network current as of 1996; all other information current as of 1995. Published in 2000.
Visit our Web site: <http://maps.NRCan.gc.ca/>
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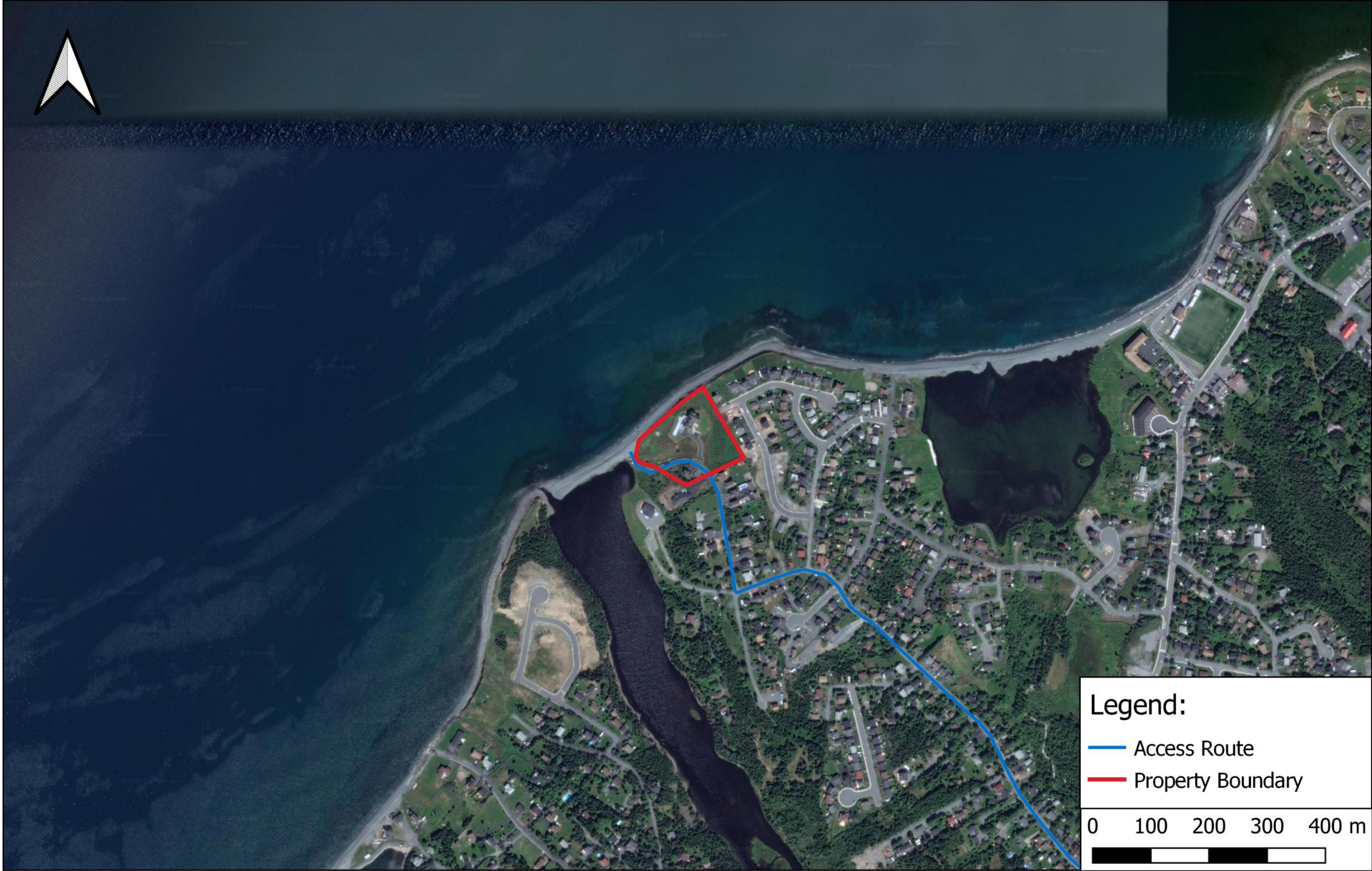
Laurel Road Residence Location

1:50,000 scale base map



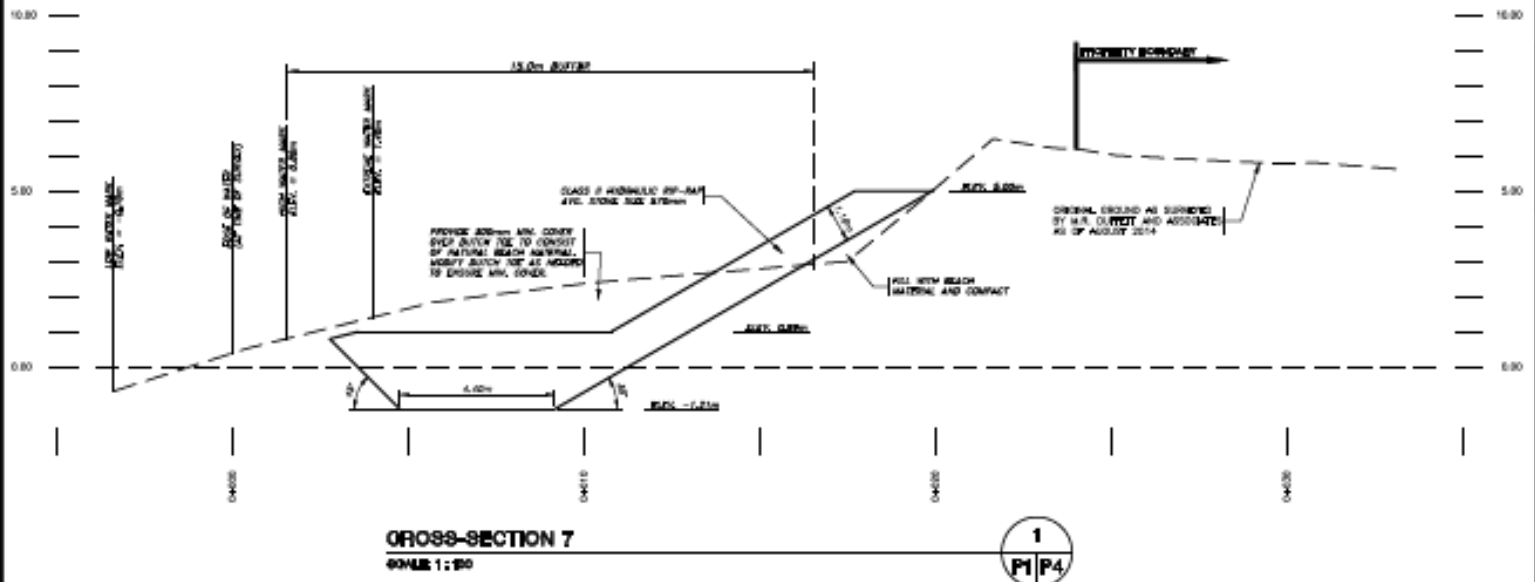
Laurel Road Residence Location

1:50,000 scale base map



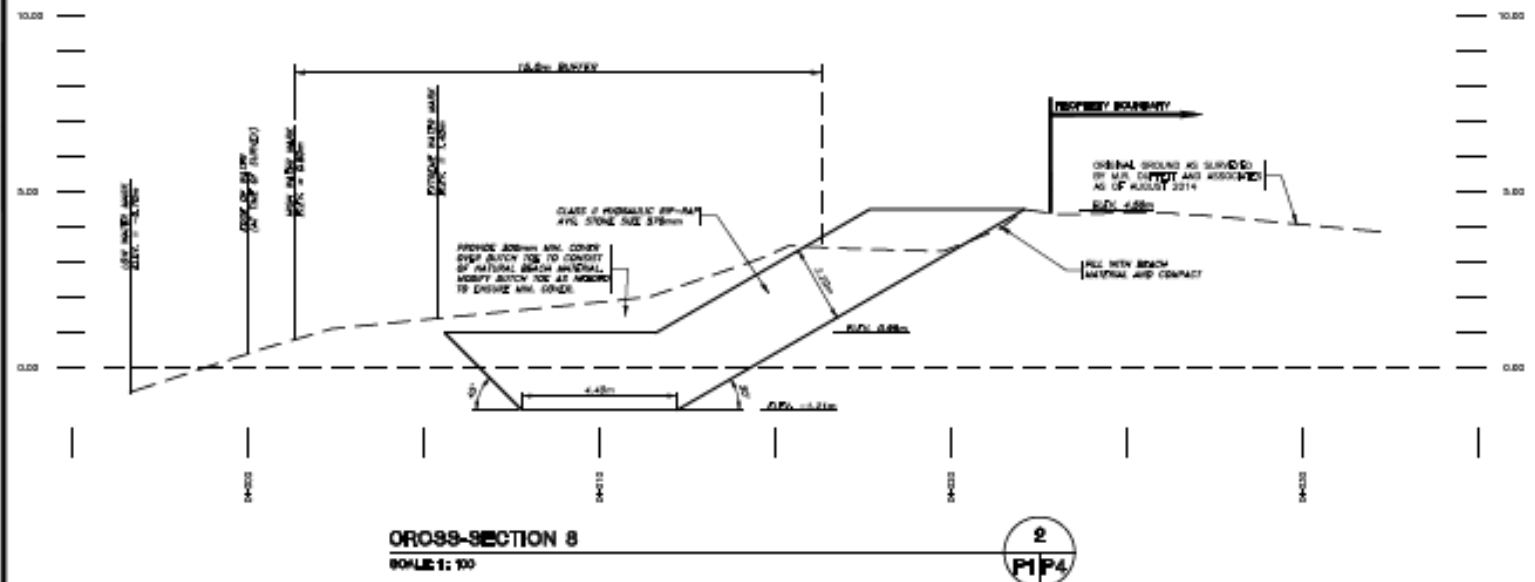
APPENDIX 2

Drawings



CROSS-SECTION 7
SCALE 1:50

1
PIP4



CROSS-SECTION 8
SCALE 1:50

2
PIP4

THE CONTRACTOR IS TO ENSURE THE FOLLOWING PROVISIONS OF THE DEPARTMENT OF FISHERIES AND OCEANS FISHERIES ACT ARE ENFORCED:

- THE WORK IS TO BE PROTECTED FROM INCLUDING THEIR EGGS, JUVENILES, SPawning ADULTS, MORTALITY AND/OR THE BROODSTOCK UPON WHICH THEY FEED.
- FROM POLLUTION AND FLUENT SHOULD BE MAINTAINED AT ALL TIMES.
- REMOVING OF IMPORTANT FISH HABITAT SHOULD BE AVOIDED.
- CONDUCT OF WORKS MUST BE DURING PERIODS OF LOW FLOW TO MINIMIZE THE RISK OF FISH AND THEIR HABITAT TO BE ALLOWED TO REMAIN IN WATER TO BE ISOLATED FROM WORKS.
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NO.	REVISION	DATE	INITIAL
C	ISSUED FOR REGULATORY REVIEW	14 OCT 16	AW
B	ISSUED FOR REGULATORY REVIEW	12 APR 16	CR
A	ISSUED FOR CLIENT REVIEW	14 NOV 15	AW

APPROVED:

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
ENGINEER ASSOCIATES
1084a, C. P. 2200
St. John's, NL A1B 2X2
Tel: (709) 753-2121
Fax: (709) 753-2122
www.assoc-engr.com

FRED AND DOREEN CAHILL
CAHILL BEACH HOUSE
CHAMBERLAINS, CONCEPTION BAY SOUTH
SHORELINE CROSS-SECTIONS - 2
30° DESIGN ANGLE FOR SLOPE, 85km/hr DESIGN WIND GUST

Kavanagh Associates
a division of R.V. Anderson Associates Limited
engineering • environment • infrastructure
Scale: 1 : 100
Drawn by: A. WATKINS
Ckd by: C. NEWMAN
Date: DEC/2015
Dwg. No. A1 - 143028 - P4
Pgs: 0

APPENDIX 3

Approvals

143028
Approval

Chris Newman

From: dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO) <FPP.XNFL@dfo-mpo.gc.ca>
Sent: Friday, October 7, 2016 10:12 AM
To: fjcahill@cahill.ca
Cc: Chris Newman; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO)
Subject: RE: 143028 2016-09-20 Cahill Beach House (Shoreline Protection)
Attachments: 16-HNFL-00429 - Shoreline stabilization, Chamberlains.pdf

Good Day Mr. Cahill,

Please see attached regarding your application for project review.

*Triage and Planning Unit
Fisheries Protection Program – Regulatory Review
Fisheries and Oceans Canada
Newfoundland and Labrador Region*

From: Chris Newman [mailto:cnewman@rvanderson.com]
Sent: September-20-16 12:03 PM
To: dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO)
Subject: 143028 2016-09-20 Cahill Beach House (Shoreline Protection)

Further to our telephone conversation please find attached a PDF copy of the following:

- Fisheries and Oceans Canada Request for Review Application
- Design Drawings
 - Site Grading and Servicing Plan (Dwg. A10143028-P1, Rev. 13)
 - Sewer Profile and Construction Details (Dwg. A1-143028-P2, Rev. 5)
 - Shoreline Cross-Sections -1 30° Design Angle for Slope, 85 km/hr Design Wind Gust (Dwg. A1-143028-P3, Rev. B)
 - Shoreline Cross-Sections -2 30° Design Angle for Slope, 85 km/hr Design Wind Gust (Dwg. A1-143028-P3, Rev. B)
- Design Calculations
 - Tidal Information
 - Average Depth and Shoreline Slope Calculations
 - Wave Calculations
 - Bank Protection Selection
 - Sensitivity and Constructability Analysis
- Aerial Photo and site photos showing existing site conditions

Regards,
Chris Newman, P.Tech.
Associate, Project Manager



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Tel 709 722 0024 Fax 709 722 0345
www.rvanderson.com



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P.O. Box 5667
St. John's, NL A1C 5X1

Your file Votre référence

OCT 07 2016

Our file Notre référence
16-HNFL-00429

Mr. Fred Cahill
P.O. Box 1674
240 Waterford Bridge Road
St. John's NL A1C 5P5

Dear Mr. Cahill:

Subject: Implementation of mitigation measures to avoid and mitigate serious harm to fish – Shoreline Stabilization, Chamberlains, NL

The Fisheries Protection Program (the Program) of Fisheries and Oceans Canada received your proposal on September 20, 2016.

Your proposal has been reviewed to determine whether it is likely to result in serious harm to fish which is prohibited under subsection 35(1) of the *Fisheries Act*.

The proposal has also been reviewed to determine whether it will adversely impact listed aquatic species at risk and contravene sections 32, 33 and 58 of the *Species at Risk Act*.

Our review consisted of:

- Application for review and associated documentation received September 20, 2016
- Additional information received September 23, 2016

We understand that you propose to:

- Excavate a portion of the shore and construct shoreline stabilization using Class II hydraulic riprap to protect a private property.

To avoid the potential of serious harm to fish and their habitat, we are recommending that the attached mitigation measures be included into your plans.

Provided that these mitigation measures are incorporated into your plans, the Program is of the view that your proposal will not result in serious harm to fish. No formal approval is required from the Program under the *Fisheries Act* in order to proceed with your proposal.

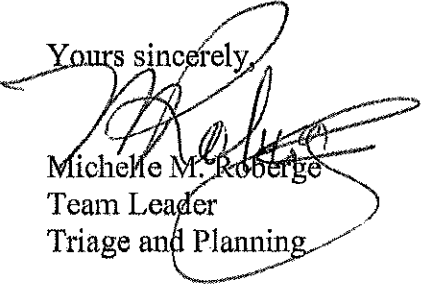
If your plans have changed or if the description of your proposal is incomplete, or changes in the future, you should consult our website (<http://www.dfo-mpo.gc.ca/pnw-ppw/index-eng.html>) or consult with a qualified environmental consultant to determine if further review is required by the Program.

A copy of this letter should be kept on site while the work is in progress.

It remains your responsibility to meet the other requirements of federal, provincial and municipal agencies.

If you have any questions, please contact Triage and Planning at our St. John's office at (709)-772-4140, by fax at (709)-772-5562, or by email at FPP-NL@dfo-mpo.gc.ca. Please refer to the file number referenced above when corresponding with the Program.

Yours sincerely,



Michelle M. Roberge
Team Leader
Triage and Planning

Attch (3)

Cc. Chris Newman – Kavanagh Associates



Shoreline Infill (Marine or Freshwater)

Fisheries and Oceans Canada
Measures to Avoid Causing Harm to Fish and Fish Habitat

On November 25, 2013 the Fisheries Protection Provisions of the **Fisheries Act** came into force. The **Fisheries Act** requires that projects avoid causing serious harm to fish unless authorized by the Minister of Fisheries and Oceans. This applies to work being conducted in or near waterbodies that support fish that are part of or that support a commercial, recreational or Aboriginal fishery.

If you are conducting a project near water, it is your responsibility to ensure you avoid causing serious harm to fish in compliance with the **Fisheries Act**. The following advice will help you avoid causing harm and comply with the **Act**.

- a. *Suitable fill material may include clean blasted rock or boulders; fill should be free of fines or sediment, concrete or any other substance deleterious to fish or fish habitat.*
- b. *Use site isolation measures (e.g., silt boom or silt curtain) for containing suspended sediment where in-water work is required.*
- c. *Stabilize disturbed shorelines areas to prevent erosion using rip-rap or armour stone. Material used for shoreline stabilization must not be removed from below the high water mark. Material is to be of sufficient size to resist displacement by wave or tidal activity.*
- d. *All in-water works should be carried out in the dry.*
- e. *Fish passage and flows should be maintained at all times.*
- f. *Conduct in-water work during periods of low flow to further reduce the risk to fish and their habitat or to allow work in water to be isolated from flows.*
- g. *Equipment should be mechanically sound to avoid leaks of oil, gas, and/or hydraulic fluids.*
- h. *When works are completed, banks and approaches should be restored to original condition.*

Additional measures that may be required to protect fish and fish habitat can be found on the DFO national website (<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>) and in the *Guidelines for the Protection of Freshwater Fish Habitat in Newfoundland & Labrador* (<http://www.dfo-mpo.gc.ca/Library/240270.pdf>)

Should your plans change please contact the Fisheries Protection Program-Regulatory Review:

Fisheries Protection Program
Fisheries and Ocean Canada
80 East White Hills Road
St. John's NL A1C 5X1
Telephone: (709) 772-4140
Fax: (709) 772-5562
Email: FPP-NL@dfo-mpo.gc.ca

Note: This advice is only applicable to the project specified on the accompanying DFO letter.



Dredging

Fisheries and Oceans Canada Measures to Avoid Causing Harm to Fish and Fish Habitat

On November 25, 2013 the Fisheries Protection Provisions of the **Fisheries Act** came into force. The **Fisheries Act** requires that projects avoid causing serious harm to fish unless authorized by the Minister of Fisheries and Oceans. This applies to work being conducted in or near waterbodies that support fish that are part of or that support a commercial, recreational or Aboriginal fishery.

If you are conducting a project near water, it is your responsibility to ensure you avoid causing serious harm to fish in compliance with the **Fisheries Act**. The following advice will help you avoid causing harm and comply with the **Act**.

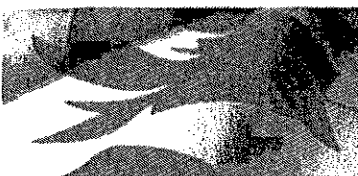
- a. *Time work in water to protect fish, including their eggs, juveniles, spawning adults, migration and/or the organisms upon which they feed.*
- b. *Sensitive or important fish habitat should be avoided.*
- c. *Conduct in-water work during periods of low flow to further reduce the risk to fish and their habitat or to allow work in water to be isolated from flows.*
- d. *Minimize duration of in-water work.*
- e. *Schedule work to avoid wet, windy and rainy periods that may increase erosion and sedimentation.*
- f. *Minimize the amount of dredged material removed by only dredging the area and depth required.*
- g. *Equipment should be mechanically sound to avoid leaks of oil, gas, and/or hydraulic fluids.*
- h. *Operate machinery on land above the high water mark, on ice, or from a floating barge in a manner that minimizes disturbances to the bank and bed of the water body.*
- i. *Use site isolation measures (e.g., silt boom or silt curtain) for containing suspended sediment where in-water work is required.*

Additional measures that may be required to protect fish and fish habitat can be found on the DFO national website (<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>) and in the *Guidelines for the Protection of Freshwater Fish Habitat in Newfoundland & Labrador* (<http://www.dfo-mpo.gc.ca/Library/240270.pdf>)

Should your plans change please contact the Fisheries Protection Program-Regulatory Review:

Fisheries Protection Program
Fisheries and Ocean Canada
80 East White Hills Road
St. John's NL A1C 5X1
Telephone: (709) 772-4140
Fax: (709) 772-5562
Email: FPP-NL@dfo-mpo.gc.ca

Note: This advice is only applicable to the project specified on the accompanying DFO letter.



Measures to Avoid Causing Harm to Fish and Fish Habitat – Timing

Newfoundland and Labrador Region

In-water project activities listed on the DFO **Projects Near Water** website as “not requiring review by DFO” should be avoided in certain time periods in some waters in Newfoundland and Labrador in order to reduce the risk of harm to salmon and trout populations during important or sensitive life stages.

If you **cannot** avoid working in water during the periods set out below for those project activities, you should submit a Request for Review form for your work to the DFO Fisheries Protection Program at FPP-NL@dfo-mpo.gc.ca:

WATER BODY TYPE/AREA	PERIOD TO <u>AVOID</u> IN-WATER WORK	REASON
Atlantic salmon		
Estuaries and the main stems of scheduled salmon rivers*	May 1 to September 30	Work may disrupt migration of Atlantic Salmon (i.e. smolt, kelt, adults).
Tributary and headwater areas of scheduled salmon rivers on the island of Newfoundland	October 1 to May 31	Work may disrupt spawning of Atlantic Salmon in the fall, or harm eggs and newly hatched fish.
Tributary and headwater areas of scheduled salmon rivers in Labrador	September 15 to June 15	
Brown trout		
Estuaries and the main stems of Brown Trout rivers**	October 1 to November 30	Work may disrupt migration of adult Brown Trout.

* Scheduled salmon waters are identified in the NL Anglers' Guide available on-line at <http://www.nfl.dfo-mpo.gc.ca/NL/AG/ScheduledSalmonRivers>. They are also set out in the *Newfoundland & Labrador Fishery Regulations* at <http://laws-lois.justice.gc.ca/eng/regulations/SOR-78-443/page-12.html#h-16>

** Brown trout waters are identified in the NL Anglers' Guide <http://www.nfl.dfo-mpo.gc.ca/NL/AG/BrownTrout>

As of June 1, 2016

Colleen Kelly

143028
Approvals

From: Chris Newman
Sent: Wednesday, August 10, 2016 11:26 AM
To: Colleen Kelly
Subject: FW: 143028 2016-08-09 Cahill Residence (Shoreline Protection)

From: Art Butler
Sent: Wednesday, August 10, 2016 11:26:33 AM (UTC-03:30) Newfoundland
To: Chris Newman
Subject: RE: 143028 2016-08-09 Cahill Residence (Shoreline Protection)

Good morning Chris

Since our conversation last month we have not had any further movement on this file. As discussed, at that time, the initial response that we received from the Crown Lands Division indicated that they had no objection to any work proposed on the Cahill property, but that there was to be no disturbance to the 15m shoreline reservation. We have not heard anything further from that Dept., since our last conversation. Similarly we have not received anything from the Dept. of Fisheries and Oceans in response to the self-assessment of your project. Initially I had received a call from an official of that Dept. indicating that they would not be responding until they had received the assessment from the applicant.

As you are aware, we have also consulted with the Dept. of Natural Resources Geological Survey group which has extensively studied the impacts of coastal erosion, in both this area, as well as other parts of Newfoundland. That group has indicated some concern, based on their experience in that field, and have recommended that the Town further study the potential negative implications of such a project, prior to granting its approval.

Based on the foregoing, a further review of the application has been deferred until a response has been received to all referrals.

I trust that this update is satisfactory but please feel free to contact me if you require anything further.

Thanks

Art

From: Chris Newman [mailto:cnewman@rvanderson.com]
Sent: August-09-16 6:00 PM
To: Art Butler <AButler@conceptionbaysouth.ca>
Subject: 143028 2016-08-09 Cahill Residence (Shoreline Protection)

Good Evening Art,

Further to our telephone conversation last month can you please provide an update of your review for the shoreline protection on the above noted project. It is our understanding that the Town of CBS has also reached out to other agencies for comments. We have also made submissions to the Department of Environment (DOE), Crown Lands and completed the self assessment for the Department of Fisheries and Oceans (DFO).

To date we have only received comments from DOE in which you were copied.

Regards,
Chris Newman, P.Tech.
Associate, Project Manager



74 O'Leary Avenue PO Box 13039 STN A St. John's NL A1B 3V8
Tel 709 722 0024 Fax 709 722 0345
www.rvanderson.com



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143028
shoreline
Protection

FAX

Approval

▪ Date: 05/07/2016

▪ To: Mr. Chris Newman

▪ From: Arthur Butler

▪ Subject: 26-30 Laurel Road - Mr. Fred Cahill

As per your request.

Art Butler

From: Barnable, Steve <stevebarnable@gov.nl.ca>
Sent: May-11-16 9:17 AM
To: Art Butler
Subject: Shoreline Protection - Fred Cahill 26-30 laurel Road, Chamberlains, CBS Re: Letter Dated May 5, 2016 (To Robert Dicks - Now Milly Meaney)

As discussed in a telephone conversation, today, the Crown would have no objection to the shoreline protection that Mr. Cahill is undertaking within his property as you noted.
The statutory 15 metre reservation is to remain undisturbed.

Steve Barnable

Regional Lands Manager - Eastern

*Crown Lands Administration Division, Lands Branch
Department of Municipal and Intergovernmental Affairs
Howley Building, Higgins Line
P.O. Box 8700
St. John's, NL A1B 4J6
Tel: (709) 729-2654 Fax: (709) 729-0726*

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143028
Approval

Chris Newman

From: Theresa Murphy <theresa.murphy@conceptionbaysouth.ca>
Sent: Tuesday, November 22, 2016 9:53 AM
To: Chris Newman; fjcahill@cahill.ca
Cc: Art Butler
Subject: Crown Land: Laurel Road, Shoreline stabilization
Attachments: Crown Land - Laurel Road (Cahill) Shoreline Stabilization.pdf

Good Morning,

Per Council decision at November 15, 2016 regular meeting (below), please see completed form attached. A copy has also been mailed to Applicant.

Crown Lands Application – 26-50 Laurel Road, Chamberlains

Recommendation:

Be it so resolved that the Town indicate no objection to the issuing of a permit to occupy Crown land, adjacent to the shoreline at Chamberlains Beach, for the purpose of providing shoreline protection to a residential property subject to the completion, submission and approval of a Land Use Impact Assessment Report, prepared by suitably qualified professionals, evaluating the level of hazard risk including biophysical impacts on the coastal ecosystem and natural processes and to identify the measures necessary to eliminate or mitigate these risks.

Regards,

Theresa Murphy
Planning and Development Clerk

11 Remembrance Square
P.O. Box 14040, Stn. Manuels,
Conception Bay South, NL A1W 3J1
T. 709-834-6500 ext 408
www.conceptionbaysouth.ca



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Government of Newfoundland and Labrador
 Department of Municipal Affairs

**MUNICIPAL RECOMMENDATION FORM FOR CROWN LANDS APPLICATIONS
 WITHIN MUNICIPAL AND PLANNING AREA BOUNDARIES**

**THIS FORM IS MUST BE SUBMITTED WITH YOUR CROWN LANDS APPLICATION TO THE APPROPRIATE REGIONAL OFFICE.
 THIS FORM MUST BE RETURNED FULLY COMPLETED AND ACCOMPANIED BY MAPPING TO SCALE, SIGNED BY A PERSON
 AUTHORIZED TO ACT ON BEHALF OF THE MUNICIPALITY.**

TO BE COMPLETED BY APPLICANT - PART A

NAME OF APPLICANT Fred Cahill		DATE OF APPLICATION October 13, 2016	
MAILING ADDRESS P.O. Box 1674 240 Waterford Bridge Road			
CITY/TOWN St. John's		PROVINCE NL	POSTAL CODE A1C 5P5
HOME TELEPHONE (709) 368-2125	BUSINESS TELEPHONE	FACSIMILE	
LAND TO BE USED FOR shoreline stabilization			
LOCATION OF LAND at the rear of civic no. 40 Laurel Road, Town of CBS		DIMENSIONS OF LAND FRONTAGE 143m DEPTH 78m	

TO BE COMPLETED BY MUNICIPAL COUNCIL - PART B

DOES YOUR COMMUNITY HAVE <input checked="" type="checkbox"/> AN APPROVED MUNICIPAL PLAN <input type="checkbox"/> CONCEPT PLAN <input type="checkbox"/> NEITHER	
ACCORDING TO THE DEVELOPMENT REGULATIONS THE AREA APPLIED FOR IS ZONED AS: Open Space Conservation	
IS THE PROPOSED USE A: <input checked="" type="checkbox"/> PERMITTED USE <input type="checkbox"/> DISCRETIONARY USE <input type="checkbox"/> A USE NOT INCLUDED IN THE DEVELOPMENT REGULATIONS (ATTACH COPY OF ZONING MAP SHOWING LOCATION OF SITE)	
DOES THE PROPOSED USE CONFORM TO THE STANDARDS AND CONDITIONS SET OUT IN THE DEVELOPMENT REGULATIONS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
DESCRIBE THE LAND USE IN THE SURROUNDING AREA <input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> AGRICULTURE <input type="checkbox"/> UNUSED <input type="checkbox"/> OTHER _____	
NORTH SIDE <u>Conception Bay</u> EAST SIDE <u>Beach</u>	
SOUTH SIDE <u>Residential</u> WEST SIDE <u>Beach</u>	
IF THE PROPOSED USE WILL CONFLICT WITH EXISING LAND USE IN THE GENERAL AREA, PLEASE EXPLAIN _____ _____	
INDICATE WHICH OF THE FOLLOWING MUNICIPAL SERVICES ARE AVAILABLE AT THE SITE <input type="checkbox"/> WATER AND SEWER <input type="checkbox"/> WATER ONLY <input type="checkbox"/> SEWER ONLY <input checked="" type="checkbox"/> NO SERVICES	
DESCRIBE TYPE AND CONDITION OF THE ROAD TO THE SITE <u>N/A</u>	
IS THE ROAD PRESENTLY MAINTAINED YEAR ROUND <input type="checkbox"/> YES <input type="checkbox"/> NO	BY WHOM <input type="checkbox"/> COUNCIL <input type="checkbox"/> DEPT. OF TRANSP. AND WORKS <input type="checkbox"/> APPLICANT
WILL ROAD EXTENSION OR IMPROVEMENTS BE NEEDED IF THE APPLICATION IS APPROVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IN THE OPINION OF THE COUNCIL, THE LAND APPLIED FOR IS <input checked="" type="checkbox"/> CROWN <input type="checkbox"/> PRIVATE <input type="checkbox"/> OWNERSHIP UNCLEAR IF PRIVATE OR OWNERSHIP UNCLEAR, EXPLAIN IN COMMENTS BELOW. ADDITIONALLY, IF SITE IS PRESENTLY OCCUPIED, PLEASE GIVE DETAILS. _____ _____	

THE COUNCIL OF The Town of Conception Bay South	TELEPHONE NUMBER 834-6500
APPLICATION IS <input type="checkbox"/> APPROVED <input type="checkbox"/> REFUSED (GIVE REASONS) <input checked="" type="checkbox"/> APPROVED SUBJECT TO THE FOLLOWING CONDITIONS <input type="checkbox"/> DEFERRED (GIVE REASONS)	
COMMENTS That a permit to occupy, for the purpose of installing Shoreline protection, be issued subject to the completion, submission, and approval of a Land Use Impact Assessment Report, prepared by suitably qualified professionals, evaluating the level of Hazard Risk, including any potential biophysical impacts on the coastal ecosystem and natural processes and to identify the measures necessary to eliminate or mitigate these risks.	
Arthur Butler SIGNED ON BEHALF OF COUNCIL	November 22, 2016 DATE
Development Control Coordinator TITLE	

INSTRUCTIONS**A. APPLICANT:**

1. THIS IS NOT A CROWN LANDS APPLICATION FORM
2. This form provides Council's recommendation only. A final decision on your application is the responsibility of this Department and no occupation or development of the site is permitted until a formal title document has been delivered by the Department.
3. Complete Part A of this form and include an accurate sketch of the area requested or attach a map.
4. Submit this form and map to the office of the Council of the Town or Community in which the Crown lands you would like to obtain is located.
5. When the Council has completed its recommendation you may submit your application along with this approval form to the appropriate Government Service Centre or Regional Lands Office.
6. Upon delivery of a Crown Title, you are required to notify the Council.

B. MUNICIPAL COUNCIL:

1. Please complete this form and return it to the applicant. A copy may be taken for your records.
2. Attach mapping to scale outlining the lands being applied for. Sign and date the mapping.
3. This form must be completed for all requests for Crown lands within your Municipal planning area or Municipal boundary.
4. If you have any questions on the proposed development, please contact the applicant directly.
5. Questions pertaining to the processing of applications may be made to the nearest Regional Lands Office.
6. The Department reserves the right to accept an application without an approved Municipal Recommendation Form, where, in the opinion of the Department, the Recommendation Form had not been processed by Council in a timely manner. In such cases, the Regional Lands Office will proceed with referrals in the normal manner, including a referral to the Municipality.

REGIONAL LANDS OFFICES

Department of
Municipal Affairs
Eastern Regional Lands Office
Howley Building, Higgles
Line P.O. Box 8700
St. John's, NL A1B 4J6
Telephone: (709) 729-2654
Facsimile: (709) 729-0726

Department of
Municipal Affairs
Central Regional Lands Office
230 Airport Boulevard, Fraser
Mall, P.O. Box 2222 Gander,
NL A1V 2N9 Telephone:
(709) 256-1400 Facsimile:
(709) 256-1095

Department of
Municipal Affairs
Western Regional Lands
Office Lower Level, Sir
Richard Squires Building
P.O. Box 2006
Corner Brook, NL A2H
6J8 Telephone: (709)
637-2392 Facsimile: (709)
637-8032

Department of
Municipal Affairs
Labrador Regional Lands
Office
2 Tenth Street
P.O. Box 3014, Stn. "B"
Happy Valley-Goose Bay, NL
A0P 1E0
Telephone: (709) 896-2488
Facsimile: (709) 896-9566