



General Water Licence Application
(Application for a new Water Licence)

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OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	Update NWB logo	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

LICENCE NO: (for NWB use only)	
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Ashwani Kumar Sharma, Department of Community and Government Services Project Officer, Rankin Inlet, NU, X0C 0G0, Phone: 1 867 645 8180 e-mail: ASharma@GOV.NU.CA	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION Richard Hoos Tetra Tech EBA Principal Consultant, Environment 1000 – 10 th Fl., 885 Dunsmuir Street, Vancouver, BC, V6C 1N5 Phone: 1 604 608 8914 Fax: 1 604 684 6241 e-mail: Rick.Hoos@tetrattech.com see Authorization letter – (Attachment 1)
3. NAME OF PROJECT (including the name of the project location) Coral Harbour Airport Community Road Washout Rehabilitation Project, NU	
4. LOCATION OF UNDERTAKING Project Extents The Project involves the rehabilitation/replacement of a number of stream/drainage crossings along the Coal Harbour Airport Community Road extending from: Latitude: (64° 07' 51 59" N) Longitude: (83° 11' 17 08" W) To: Latitude: (64° 08' 00 98" N) Longitude: (83° 10' 07 54" W) Camp Location(s) Not Applicable	

5. MAP - Attach a topographical map, indicating the main components of the undertaking.

See Topographic Location Map (**Attachment 2**)

NTS Map Sheet No.: D46B03

Map Name: Coral Harbour

Map Scale: 1:50,000

6. NATURE OF INTEREST IN THE LAND - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization

Date (expected date) of issuance: _____ Date of expiry: _____

☒ Other: **Within Hamlet of Coral Harbour Municipal Boundaries**

See Coral Harbour Municipal Boundaries Location Map – (**Attachment 3**)

Date (expected date) of issuance: NA Date of expiry: NA

Name of entity(s) holding authorizations: NA

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

☐ North Baffin

☐ South Baffin

☐ Akunnig

☒ **Keewatin**

☐ Sanikiluaq

☐ West Kitikmeot

Is a land use plan conformity determination required?

☐ Yes

☒ No

If Yes, indicate date issued and attach copy _____

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

Copy of NPC email dated 9/18/2015 previously provided directly to the Nunavut Water Board.
NPC stated that:

After reviewing your draft proposal (Coral Harbour Airport Community Road Washout Rehabilitation Project - Draft NPC Application 148146), the Nunavut Planning Commission (NPC) has determined that it falls within the exemption of certain works and activities from the Nunavut Planning and Project Assessment Act (NUPPAA) definition of the term "project". The NPC only has a statutory mandate to review "projects", and does not presently have jurisdiction to review your proposal.

Jonathan Savoy, Senior Planner
Nunavut Planning Commission
P.O. Box 2101 Cambridge Bay, NU X0B 0C0

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

☐ Yes

☒ No

If Yes, indicate date issued and attach copy _____

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

Copy of NPC email dated 9/18/2015 previously provided directly to the Nunavut Water Board.
NPC stated that:

Because the activities are not a "project" under NUPPAA, NIRB screening is also not required (NIRB now only receives proposals forwarded to them by the NPC).

You are able apply for any permits or licenses you may need, including to the Nunavut Water Board (NWB). The NPC will be communicating with the NWB regarding this and other matters, but for clarity it may be helpful to provide a copy of my previous message when contacting the NWB.

Jonathan Savoy, Senior Planner
Nunavut Planning Commission
P.O. Box 2101 Cambridge Bay, NU X0B 0C0

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

The Project involves the rehabilitation/replacement of a number of stream/drainage crossings along the Coal Harbour Airport Community Road.

Plans and drawings are provided in Type B Water Licence Application Supplemental Information Report Section 3.0

- 10. OPTIONS** – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

A brief discussion of options and alternatives considered for carrying out the project is provided in Type B Water Licence Application Supplemental Information Report Section 3.2.2.

More detailed information on this subject is provided in Tetra Tech EBA's 2015 report entitled: "Feasibility review of crossings alternatives under Airport Road, Coral Harbour". A copy of this report is included with the Type B Water Licence Application.

- 11. CLASSIFICATION OF PRIMARY UNDERTAKING** - Indicate the primary classification of undertaking by checking one of the following boxes.

- | | |
|---|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input type="checkbox"/> Conservation | |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input checked="" type="checkbox"/> Miscellaneous (as described below): |

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

- ☐ Hydrostatic Testing
- ☐ Tannery
- ☐ Tourist / Remote Camp
- ☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
- ☐ Onshore Oil and Gas Exploration Drilling
- ☐ Mineral Exploration / Remote Camp
- ☐ Advanced Exploration
- ☐ Mine Development

☒ **Municipal**

- ☐ General Water Works
- ☐ Power

- 12. WATER USE** - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- | | |
|---|---|
| <input type="checkbox"/> To obtain water for camp/ municipal purposes | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To obtain water for industrial purposes | |
| <input checked="" type="checkbox"/> To cross a watercourse | <input checked="" type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To alter the flow of, or store water | <input checked="" type="checkbox"/> Flood control |
| <input type="checkbox"/> Other: _____ | |

- 13. QUANTITY AND QUALITY OF WATER INVOLVED** - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the

quantities and qualities of water to be returned to source.

Name of water source(s) (show location(s) on map):

Post River – the Access Road crosses several channels of the Post River as shown in Figure 3-1 of the Supplemental Information Report provided with this Type B Water Licence Application

Describe the quality of the water source(s) and the available capacity:

Not Applicable as no water will be used for this Project

Provide the overall estimated quantity of water to be used:

As previously indicated, No water will be used by this Project

Provide the estimated quantity(s) of water to be used from each source:

Not Applicable

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)

Not Applicable

Describe the method of extraction(s):

Not Applicable

Estimated quantity(s) of water returned to source(s):

Not Applicable

Describe the quality of water(s) returned to source(s):

Not Applicable

14. WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

☐ Sewage

☐ Solid Waste

☐ Hazardous

☒ **Bulky Items/Scrap Metal**

☐ Contaminated soil and/or water

☐ Animal Waste

☐ Other (describe): _____

☐ Waste oil

☐ Greywater

☐ Sludges

15. QUANTITY AND QUALITY OF WASTE INVOLVED – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Old culverts	Steel	~8	Not Applicable	Landfilled or re-purposed
Re-purposed bridge structures	Steel, wood	0	Not Applicable	Landfilled or re-purposed

16. OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: No other authorization(s) are anticipated to be required

Administering Agency: NA

Project Activity: NA

Date (expected date) of issuance: NA Date of expiry:NA

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES - Describe direct, indirect, and cumulative impacts related to water and waste.

Predicted environmental impacts of this undertaking and proposed mitigation measures are provided in Type B Water Licence Application Supplemental Information Report Section 5.0.

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

Not Applicable

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

Not Applicable

19. INUIT WATER RIGHTS

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

Not Applicable

20.	CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns. A description of consultation/engagement activities undertaken for this project is provided in Section 1.0 of the Supplementary Information Report provided with this Type B Water Licence Application.
21.	SECURITY INFORMATION Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. <u>Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults.</u> The estimate must also include contingency factors appropriate to the particular work to be undertaken. Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the <i>Mine Site Reclamation Policy for Nunavut</i> , Indian and Northern Affairs Canada, 2002. Not Applicable this is a Public Infrastructure Project sponsored by the Government of Nunavut, Department of Community and Government Services.
22.	FINANCIAL INFORMATION Provide a statement of financial responsibility. If the applicant is a business entity, provide a list of the officers of the company. If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name. Not Applicable this is a Public Infrastructure Project sponsored by the Government of Nunavut, Department of Community and Government Services.
23.	STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc. <ol style="list-style-type: none">1. EBA A Tetra Tech Company. 2013. Airport Community Road Washout Report for Coral Harbour Nunavut. Report Prepared for Government of Nunavut, Department of Community and Government Services.2. Tetra Tech EBA. 2015. Feasibility review of crossings alternatives under Airport Road, Coral Harbour. Report presented to Kivalliq Region, Community and Government Services, Government of Nunavut.3. Tetra Tech EBA. 2015. Coral Harbour Airport Road Hydraulic Upgrades: Design Options Report. Report Prepared for Government of Nunavut, Department of Community and Government Services.4. Tetra Tech EBA. 2015. Supplemental Information Report Coral Harbour Airport Community Road Washout Rehabilitation Project, NU. Report Prepared for Government of Nunavut, Department of Community and Government Services.

24. PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Construction

Proposed Start Date: **July/August, 2016** Proposed Completion Date: **September/October, 2016**
(month/year) (month/year)

Operation

Proposed Start Date: **N/A future** Proposed Completion Date: **NA**
(month/year) (month/year)

Closure

Proposed Start Date: **NA** Proposed Completion Date: **NA**
(month/year) (month/year)

Post - Closure

Proposed Start Date: **NA** Proposed Completion Date: **NA**
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction

☐ Winter ☐ Spring ☒ Summer ☒ Fall ☐ All season

Operation

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

25. PROPOSED TERM OF LICENCE

Number of years (maximum of 25 years): **2 years**

Requested Date of Issuance: **March, 2016** Requested Expiry Date: **March 2018 (2 year term)**

(The requested date of issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

26. ANNUAL REPORTING – If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

27. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan

conformity have been addressed.

☒ Yes ☐ No If no, date expected _____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☒ Yes ☐ No If no, date expected _____

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

☒ Yes ☐ No If no, date expected _____

English Summary of Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

☐ Yes ☒ No If no, date expected - ASAP, tentatively Dec. 18, 2015

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ No If no, date expected - Dec. 10, 2015 using VISA

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☐ Yes ☒ No If no, date expected: - Not Applicable

28. SIGNATURE

Richard Hoos

Principal Consultant
Tetra Tech EBA



December 10,
2015

Name (Print)

Title (Print)

Signature

Date

ATTACHMENTS

ATTACHMENT 1

AUTHORIZATION LETTER

September 30, 2015

Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0

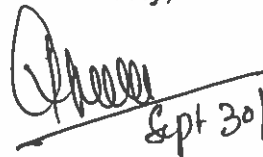
TO WHOM IT MAY CONCERN

This letter is to inform you that Government of Nunavut (GN) have retained the services of Tetra Tech EBA to act as our license representative in the application for water license for Airport Community Road Washout Rehabilitation , Coral Harbour, NU, Project.

The contact information for Tetra Tech EBA is as follow:

Rick Hoos, MSc., R.P. Bio.,
Principal Consultant, Environement,
Tetra Tech EBA,
Suite 1000, 10th Floor, 885 Dunsmuir St.,
Vancouver, BC, V6C 1N5,
Telephone - 604 608 8914
Cell – 604 813 4952
Fax- 604 684 6241
Email – Rick.Hoos@tetrattech.com

Yours Truly,

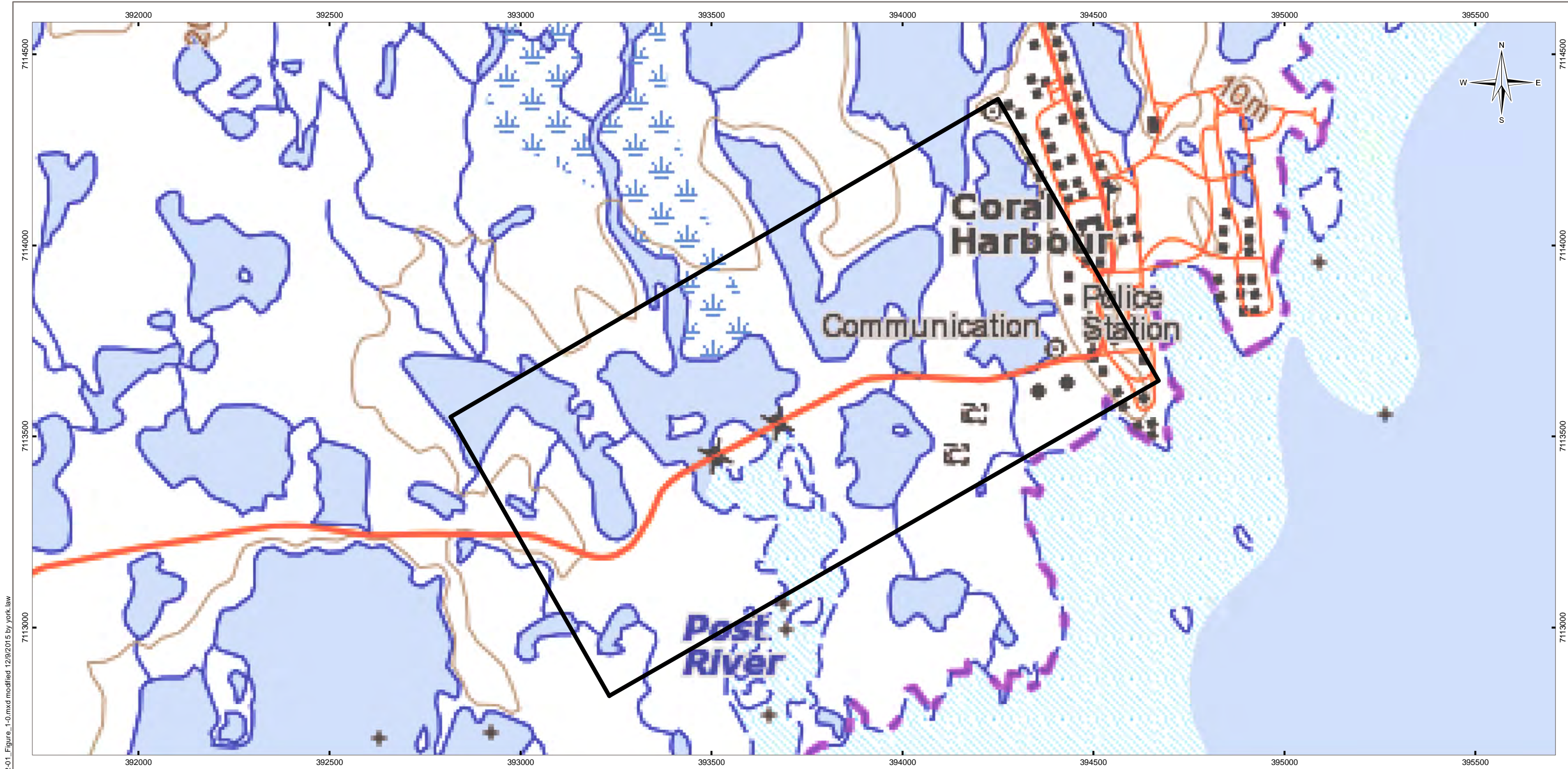


Sept 30/2015

Ashwani Sharma,
Project Officer,
CGS, Rankin Inlet, NU, X0C 0G0
Telephone – 867 645 8180
Fax: 867 645 8196
Email- ASharma@GOV.NU.CA


ATTACHMENT 2

1:50,000 NTS MAP STREET DATA FOR PROJECT LOCATION



Q:\Vancouver\GIS\ENGINEERING\132\13203282-01\Maps\13203282-01_Figure_1-0.mxd modified 12/9/2015 by york.law

LEGEND

 Project Location - Extent of Figure 3-1






NOTES
Base data source:
NTS Data from Geogratis, 2013.
- NTS Map Sheet No.: 046B03
- Map Name: CORAL HARBOUR
- Map Scale: 1:50,000

STATUS
ISSUED FOR REVIEW

AIRPORT RD. WASHOUT REHABILITATION
CORAL HARBOUR, NU

1:50,000 NTS Map Sheet
Data for Project Location

PROJECTION UTM Zone 17		DATUM NAD83		CLIENT 
Scale: 1:10,000 200 100 0 200  Meters				
FILE NO. V13203282-01_Figure_1-0.mxd				
PROJECT NO. V13203282-01	DWN YL	CKD AMF	APVD RH	REV 0
OFFICE Tt EBA-VANC	DATE December 9, 2015			
				 TETRA TECH EBA
				Figure 1-0

 TETRA TECH EBA

ATTACHMENT 3

CORAL HARBOUR MUNICIPAL BOUNDARY MAP

