Application for Water Licence Amendment

Document Date: April 2013

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Month/Day/Year

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DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		

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APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: *Licensee Requirements Following the Issuance of a Water Licence* for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 8BC-EUR1621

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

X Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **An amendment will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name:

Address:

Phone: _____
Fax: _____
e-mail: _____

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name:

Address:

Phone: _____
Fax: _____
e-mail: _____

(Attach authorization letter.)

3. NAME OF PROJECT

Has the name of the project changed?

☐ Yes X No

If Yes, indicate the name of the project including the name of the location: _____

4. LOCATION OF UNDERTAKING

Does the proposed amendment change the location of the amended undertaking?

X Yes ☐ No

Provide the project extents and camp locations. Identify proposed changes.

Project Extents

NW: Latitude: (79° 58' 36.93" N) Longitude: (85° 42' 26.34" W)
NE: Latitude: (79 ° 56 ' 22 " N) Longitude: (85 ° 19 ' 04 " W) Proposed change
SE: Latitude: (79 ° 56 ' 02 " N) Longitude: (85 ° 21 ' 32 " W)Proposed Change
SW: Latitude: (79° 58' 4.69" N) Longitude: (85° 40' 19.11" W)

Camp Location(s)

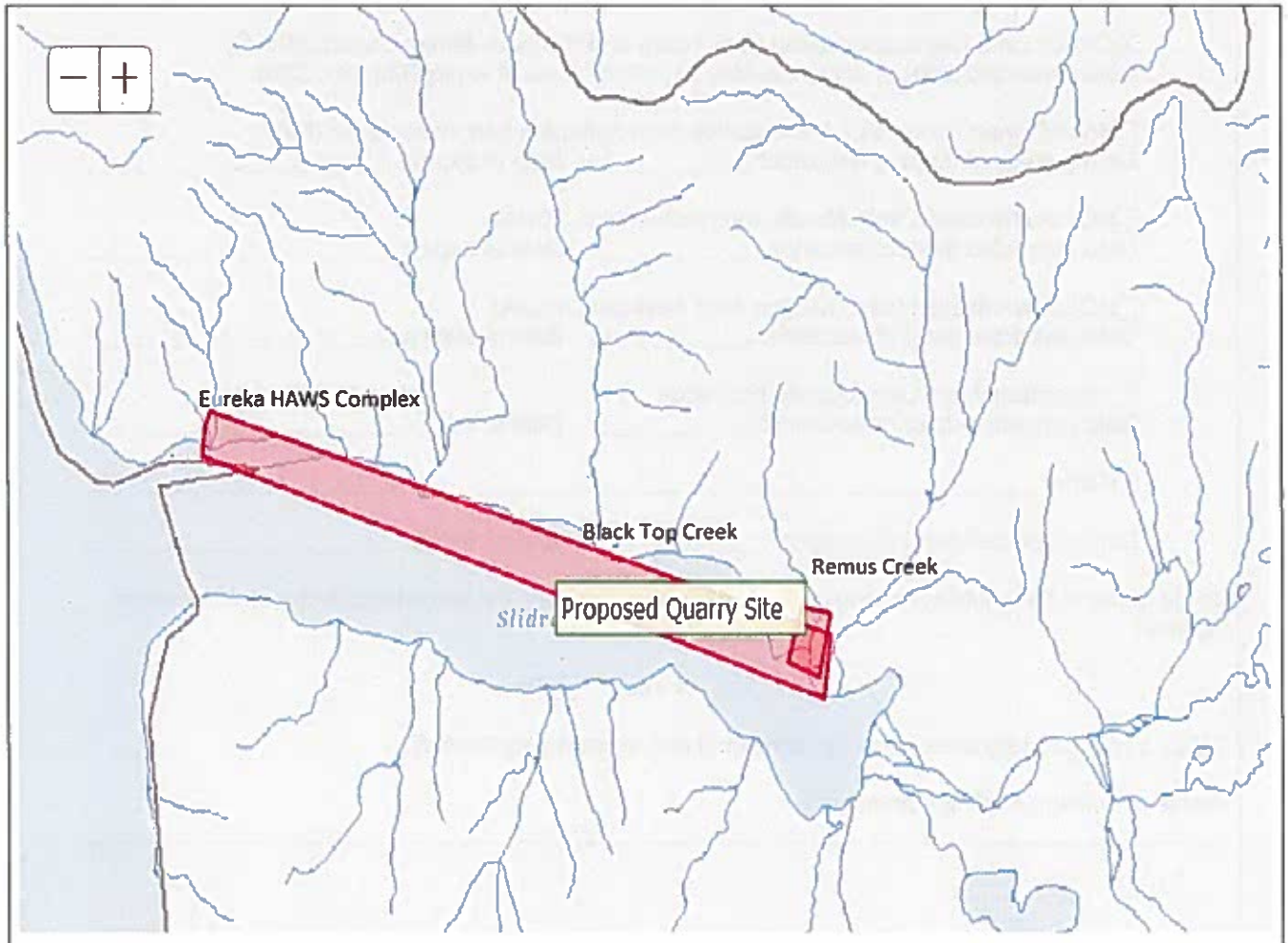
Latitude: (79 ° 59 '40 " N) Longitude: (85 ° 50 ' 1 " W)

5. MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

X Yes ☐ No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.



Please also see attached document Remus Creek - Approx Area PDF

6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

☐ Yes X No

If Yes, indicate changes. _____

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

X Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: May 31, 2015 Date of expiry: May 30, 2016

☐ 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 _____

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

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

X Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations:

_____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

X North Baffin
☐ South Baffin
☐ Akunniq
☐ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Does the proposed amendment change the land use planning area?

☐ Yes X No

If yes, indicate the land use planning area in which the amended undertaking is located.

☐ North Baffin
☐ South Baffin
☐ Akunniq
☐ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

☐ Yes X No

If Yes, indicate date issued and attach copy. _____

Does the proposed amendment change the original NPC conformity determination or the need to obtain one?

☐ Yes X No

If Yes, indicate date issued (or expected) and attach a copy.
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

☐ Yes X No

If Yes, indicate date issued and attach copy. _____

Does the proposed amendment change the original NIRB screening determination or the need to obtain one?

X Yes ☐ No

If Yes, indicate date issued (or expected) and attach a copy. June 1, 2018

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

9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

X Yes ☐ No

List and attach plans and drawings or project proposal. Identify proposed changes.

The Eureka High Arctic Weather Station (HAWS) is located on the north side of Slidre Fiord, at the north-western tip of Fosheim Peninsula, Ellesmere Island. Eureka station coordinates are 79.59.41N and 85.48.48W.The Eureka HAWS site occupies a federal land reserve No. 1021 and encompasses an area of 1125 ha. The station has been operated by Environment Climate Change Canada since April 7th 1947. The primary purpose of the Eureka station is to collect weather information in order to produce public weather forecasts. In addition, the Eureka station provides support to the Arctic aviation community. Eureka also serves as a staging location for other science based activities in the High Arctic, various exploration projects, and some tourism. Environment Climate Change Canada provides the entire necessary infrastructure to support its activities at Eureka. This includes accommodations, fuel supplies, electrical

power, transportation, aircraft landing strip, cooking operations, and water and sewage services. The existing aircraft runway at the Eureka HAWS requires upgrades and recapping with aggregate. In order to do this, a new quarry site is proposed to be developed approximately 15 kilometers from the airstrip. This quarry site will supply the aggregate needed to complete the airstrip upgrades. A new 9 kilometer access road connecting the airstrip to the quarry site is also proposed to be constructed. Crushed aggregate from the quarry will be used to build the road. As the road will need to cross Blacktop Creek, a water crossing is also planned to be constructed at this location. Workers will stay at existing camp near Black Top Creek. The runway upgrade and recapping is necessary to ensure the ongoing functionality of the current airstrip. The development of the quarry site, access road and water crossing are all required in order to proceed with the runway upgrade project. All activities are proposed to occur within the vicinity of the Eureka HAWS. Runway upgrades will occur at the existing runway. The quarry site is proposed to be developed 15 kilometers east of the Eureka HAWs, towards West Remus Creek. The water crossing will be constructed at Blacktop Creek. The access road and water crossing are planned to be constructed in the summer of 2018 (mid July). Upgrades to the airstrip will begin in summer 2019 and continue into summer 2020. Work will only occur during the summer months. It should be mentioned as well that the contractor is planning to use water from Remus Creek for dust suppression purposes during the construction of the road.

10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

☐ Yes X No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:

☐ Industrial
☐ Agricultural
☐ Mining and Milling (includes exploration/drilling/exploration camps)
☐ Conservation
☐ Municipal (includes camps/lodges)
☐ Recreational
☐ Power
X Miscellaneous (describe below):
Federal weather and scientific station

Does the proposed amendment change the classification of primary undertaking?

☐ Yes X No

If Yes, indicate the primary undertaking of the amendment:_____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. 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

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

X To obtain water for camp/ municipal purposes
☐ To obtain water for industrial purposes
☐ To cross a watercourse
X To alter the flow of, or store water
☐ Other: _____
☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
☐ Flood control

Does the proposed amendment change the type(s) of water use(s)?

X Yes ☐ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

☐ To obtain water for camp/ municipal purposes
☐ To obtain water for industrial purposes
☐ To cross a watercourse
☐ To alter the flow of, or store water
☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
☐ Flood control
X Other: To use water for dust suppression purposes during construction of the road.

13. QUANTITY OF WATER INVOLVED

Does the proposed amendment change the source of water? X Yes ☐ No

Indicate the water source(s). Identify proposed changes.:

Station Creek (Next to Eureka Main Complex)
West Remus Creek Proposed change/addition

Does the proposed amendment change the quality of the water source and/or its available capacity?

☐ Yes X No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes.:_____

_____

Does the proposed amendment change the overall quantity of water to be used?

X Yes ☐ No

Provide the overall estimated quantity to be used. Identify proposed changes. :

Approx. 6 m3 per day

Does the proposed amendment change the quantity of water to be used from each source?

X Yes No

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

Station Creek approx. 6,25 m3 per day
West Remus Creek Quantity to be determined, depending on the needs on site.

Does the proposed amendment change the quantity of water to be used for each purpose?

X Yes ☐ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes.:

Approx. 5,25 m3 per day used for Eureka Weather Station as well as temporary camp for contractors.
Approx. 1 m3 per day used for dust suppression during the construction of the road.

Does the proposed amendment change the method(s) of extraction? ☐ Yes X No

Describe the method(s) of extraction. Identify proposed changes. : Pumps. No changes.

Does the proposed amendment change the quantity(s) of water returned to source(s)?

☐ Yes X No

Estimated quantity(s) of water returned to source(s). Identify proposed changes. : 0 m^3/day. No changes.

Does the proposed amendment change the quality(s) of water returned to source(s)?

☐ Yes X No

Describe the quality(s) of water(s) returned to source(s). Identify any changes. : _____

14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

X Sewage
X Solid Waste
☐ Hazardous
☐ Bulky Items/Scrap Metal
☐ Animal Waste
☐ Other (describe):_____
☐ Waste oil
☐ Greywater
☐ Sludges
☐ Contaminated soil and/or water

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

☐ Yes X No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated

and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- ☐ Sewage
- ☐ Solid Waste
- ☐ Hazardous
- ☐ Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☐ Other (describe):_____
- ☐ Waste oil
- ☐ Greywater
- ☐ Sludges
- ☐ Contaminated soil and/or water

15. QUANTITY AND QUALITY OF WASTE INVOLVED

Does the proposed amendment change the quantity(s) of the types of wastes involved?

☐ Yes X No

Does the proposed amendment change the composition(s) of the types of wastes involved?

☐ Yes X No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

☐ Yes X No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

Yes X No

If Yes to any of the above, describe the proposed changes:

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

16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

☐ Yes X No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

Authorization: _____

Administering Agency: _____

Project Activity: _____

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

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

X Yes ☐ No

Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.

Please refer to NIRB Screening decision report attached

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

☐ Yes X No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Does the proposed amendment adversely affect any known persons or property including those that hold

licences for water use in precedence 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?

☐ Yes X No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

☐ Yes X No

If Yes, which DIO(s) _____

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

☐ Yes X No

If Yes, 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 DIO(s) with respect to the proposed amendment.

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.

The NIRB will be screening the proposed projects. As a result, the project information will be made available for the public to view and comment on in the very near future. Any public comments provided will be taken into consideration.

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

☐ Yes X No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

☐ Yes X No

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. 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. The estimate must also include contingency factors appropriate to the particular work to be undertaken. Identify any changes in the financial security assessment resulting from the proposed amendment.

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 *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

X Yes ☐ No

Provide an updated statement of financial security. N/A

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

☐ Yes ☐ No

Provide a list of the officers of the company. N/A

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☐ Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

Below are the current environmental studies to date. Please contact us in order to view any of the following:

	Title	Date	Author
	Environmental Assessment Eureka Weather Station	November 1990	O'Connor Associates Environmental
	Initial Environmental Evaluation Fuel Storage Facility Project, Eureka, N.W.T.	May 1991	Nick Tywoniuk PWGSC A&E
	Initial Environmental Evaluation Fuel Storage Facility Project Eureka, N.W.T.	June 1991	Environmental Services Product Sector, Public Works Canada

	Eureka, N.W.T. Environment Canada Atmospheric Environment Service Fuel Storage Facilities	December 1991	PWGSC Manitoba District A&E Services	
	Preliminary Site Caracterization of an Abandoned Landfill, Eureka N.W.T.	November 1994	PWGSC Environmental Services (Alta/BC)	
	High Arctic Weather Stations: Eureka, Mould Bay & Isachsen	March 16, 1995	PWGSC Environmental Services Alta/NWT	
	Environmental Assessment, Proposed Construction of Landfill, Eureka, Northwest Territories	May 1995	PWGSC Environmental Services, A&ES	
	Detailed Site Characterization & Monitoring at the Abandoned Landfill, Eureka, NWT	November 1995	Michael Nahir, PWGSC	
	Environmental Assessment for the Proposed Demolition of the Maintenance Garage at the Eureka HAWS	January 1996	PWGSC Environmental Services (Alta/NWT)	
1 dup	Initial Environmental Assessment Eureka High Arctic Weather Station Demolition and Construction of Eureka 2000 Facility (DRAFT)	September 1996	PWGSC Environmental Services (Alta/NWT)	
	Initial Environmental Assessment Eureka High Arctic Weather Station Demolition and Construction of Eureka 2000 Facility (FINAL)	March 1997	PWGSC Environmental Services (Alta/NWT)	
	Detailed Environmental Site Characterization and Remediation of the Eureka HAWS, NWT	February 1998	Michael Nahir, PWGSC	
	Environmental Audit of the Eureka HAWS	March 1998	PWGSC Environmental Services Western Region	
1 dup	Waste Management Plan for Eureka High Arctic Weather Station	March 1998	PWGSC Environmental Services Western and Northern Region	
	Compliance Review Oil Handling Facility Eureka	1999? Date taken from project #.	KLS Services	
	Eureka: An Environmental Study of DND Facilities	April 1999	Environmental Sciences Group RMC Kingston, ON	
1 dup	Eureka Delineation of Hydrocarbon Contaminated Soils 1999	January 2000	Environmental Sciences Group RMC Kingston, ON	
	Review Report: Study of the Wastewater and Water Supply Systems at the Eureka Weather Station	February 2000	Daniel W. Smith (University of Alberta) and Michael Nahir (PWGSC Edmonton)	
4 dup?	Follow-up Monitoring Report: Contaminated Site Assessment & Remediation	March 2000	PWGSC	
	Monitoring Report	March 2000	PWGSC	
	Environmental Screening – Eureka High Arctic Weather Station Contaminated Soil Remediation	July 2000	PWGSC Environmental Services	
	In Situ Remediation of Eureka High Arctic Weather Station	September 2000	EBA	
	Comprehensive Assessment of ACM	November 2000	Pinchin Environmental	
	Asbestos Building Materials & Lead Paint Survey of Eureka Upper Air	August 2001	Pinchin Environmental	

	Station		
1 dup	Final Inspection Report EC Eureka HAWS Asbestos Abatement Inspection Services	August 28, 2001	Pinchin Environmental
	Final Inspection Report EC Eureka HAWS Asbestos Abatement Inspection Services	August 8, 2001	Pinchin Environmental
	Camp Eureka Environmental Investigation 2001	December 2001	Environmental Sciences Group, RMC
	Eureka Ash Disposal Area Emissions Study	February 2002	File wherabouts unknown
	Eureka East Dump Emissions Study (Federal Waste Mgt. Questionnaire)	February 2002	Bronson Consulting
	Eureka West End Dump Emissions Study	February 2002	Bronson Consulting
	Nutrient Application Summary	July 2002	Jared Buchko, PWGSC
	Eureka Water Analysis Lab Report (Chemical Analysis Report)	July 2003	ALS Environmental
	Eureka Lagoon Annual Discharge Event Report	December 2003	Laurie Washington, PWGSC
	Eureka SNP Report	December 2003	Surveillance Network Program
	Site Visit/Sampling Report (*In situ* Remediation Treatment and Sewage Lagoon Discharge of Eureka HAWS)	December 2003	Jared Buchko, PWGSC
	Nutrient Report (Nutrient Application at Eureka HAWS)	August 2004	Matthew McElwaine, EarthTech Canada Inc.
	Eureka High Arctic Weather Station 2004 Activities	November 2004	PWGSC Western Region
	Eureka 2005 Monitoring Program Letter Report	March 2005	Brad Thompson, PWGSC
	Delineation of PHC Soils	June 2005	Environmental Sciences Group, Royal Military College
	Eureka RMC (Executive Summary)	June 2005	Environmental Sciences Group
	Eureka Bioremediation Treatment of Hydrocarbon Phase 2: Interim Report	2005	NRC, Environmental Microbiology
	Eureka Bioremediation Treatment of Hydrocarbon Phase 4: Final Report	February 23, 2005	NRC, Environmental Microbiology
	Eureka Bioremediation Treatment of Hydrocarbon Phase 5	2006	NRC, Environmental Microbiology
	Fuel Tank Farm Report, Eureka Weather Station	January 2006	PWGSC
	Eureka Tank Farm Final Report	January 23, 2006	PWGSC
	NCS Classification: Treasury Board of Canada Secretariat	February 2006	Lindsay Hunt
	Eureka Project – Bioremediation treatment of hydrocarbon contaminated soils from Eureka, Nunavut. Phase 5 – Final report (draft)	February 22, 2006	National Research Council Canada

	Proposal Eureka P2 ESA (P2 ESA former fuel storage area and ex-situ biotreatment cell)	August 2006	Nunami Jaques Whitford Ltd.
	PA Doc Eureka Phase 2s	November 2006	EC Internal
	Draft Report: Eureka HAWS Biotreatment Cell P2 ESA)	November 2006	Nunami Jaques Whitford Ltd.
	Eureka HAWS FFS Remedial Options Draft (Remedial & Risk Mgt. Options analysis and cost estimates: Former fuel storage area)	November 2006	Nunami Jaques Whitford Ltd.
	HHERA for the Eureka HAWS: Final Report (FFSA)	November 2006	Jacques Whitford Ltd.
	Eureka Phase I APECs for FSCAP Submission with costs	November 2006	PWGSC – ES
	Human Health and Ecological Risk Assessment for the Eureka High Arctic Weather Station, Ellesmere Island, Nunavut	November 29, 2006	Jacques Whitford
	Phase I Environmental Site Assessment Eureka High Arctic Weather Station, Eureka, Nunavut	February 2007	PWGSC – Office of Greening Government Operations – Environmental Services – Western Region
	EUREKA HIGH ARCTIC WEATHER STATION GEOPHYSICAL INVESTIGATION EUREKA, NU	May 2008	EBA Engineering Consultants Ltd.
	Phase III Environmental Site Assessment, Eureka High Arctic Weather Station, Nunavut, Canada	March 2009	Franz Environmental Inc.
	Phase III Environmental Site Assessment, Eureka High Arctic Weather Station, Nunavut	January 2010	Franz Environmental Inc.
	Eureka Civil Consulting Services	January 2011	Worley Parsons
	Detailed Quantitative Risk Assessment (DQRA), 2010 Monitoring Activities & Remedial Options Analysis	March 2011	Franz Environmental Inc.
	2012 Supplemental Investigation Eureka high Arctic Weather Station, Nunavut	2012	Franz Environmental Inc. / SENES
	Remediation Planning and Remedial Action Plan – Feasibility Study	FY 12/13	Franz Environmental Inc. / SENES
	Remedial Action Plan Eureka High arctic Weather Station	FY 12/13	Franz Environmental Inc. / SENES
	Long-Term Monitoring Plan AEC A, Eureka High Arctic Weather Station	FY 12/13	Franz Environmental Inc. / SENES
	Environmental Impact Assessment Eureka HAWS Project Improvements	FY 16/17	Arcadis

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach

plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

24. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken: July 2018

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

☐ Yes X No

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction
Proposed Start Date: July 2018 (month/year) Proposed Completion Date: October 2018 (month/year)

Operation
Proposed Start Date:_____ (month/year) Proposed Completion Date:_____ (month/year)

Closure
Proposed Start Date:_____ (month/year) Proposed Completion Date:_____ (month/year)

Post - Closure
Proposed Start Date:_____ (month/year) Proposed Completion Date:_____ (month/year)

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

Construction
☐ Winter ☐ Spring X Summer ☐ Fall ☐ All season

Operation
☐ Winter ☐ Spring ☐ Summer ☐ Fall All season

Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season Not applicable

Post - Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season Not applicable

25. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? August 10, 2021

Is the Licensee applying for a combined renewal and amendment of the existing licence?

☐ Yes X No

If Yes, indicate the proposed term of the renewal (maximum of 25 years):

Requested date of renewal issuance: (month/year) Requested Expiry Date: (month/year)

(The requested date of renewal 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

Will the proposed amendment change the content of annual reports or the annual report template?

☐ Yes X No

If Yes, 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 Amendment for the water licensing process to begin.

Completed Application for Water Licence Amendment form.

X Yes ☐ No If no, date expected _____

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

☐ Yes X No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

☐ Yes X No If no, date expected August 2015

Indication of Renewal Requirement (see Block 26)

☐ Yes X No If no, date expected May 2016

English Summary of Amendment Application.

X Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Amendment Application.

X Yes ☐ No If no, date expected _____

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

X Yes ☐ No If no, date expected _____

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 _____

28. SIGNATURE

Name (Print)	Title (Print)	Signature	Date
JEAN-PHILIPPE CLOUTIER O.	PROPERTY MANAGER	Jean-Philippe Cloutier	June 14, 2018