32230

Use Approval (Short Term Use of Water)

Tracking Number: 100409981

Applicant Information

If approved, will the authorization be issued to an Individual or Company/Organization?	Company/Organization
What is your relationship to the Company/Organization?	Employee

APPLICANT COMPANY/ORGANIZATION CONTACT INFORMATION

Applicant is an Individual or an Organization to whom this authorization Permit / Tenure / Licence will be issued, if approved.

Name:	British Columbia Hydro and Power Authority
Doing Business As:	
Phone:	604-328-8436
Fax:	
Email:	meaghan.candy@bchydro.com
BC Incorporation Number:	
Extra Provincial Inc. No:	
Society Number:	
GST Registration Number:	
Contact Name:	Meaghan Candy
Mailing Address:	333 Dunsmuir Street Vancouver BC V8B 5R3

ELIGIBILITY

Please answer the following questions related to whether you qualify to apply for a short term use of water.

Question	Answer	Warning
Will the water be diverted and used to support oil and gas activity that is being authorized by the Oil and Gas Commission?	No	
Do you want to divert and use the water for more than two years?	No	
Is your application for a funded high-speed internet Connectivity Project?	No	
Is this application in relation to increasing the supply of housing units within British Columbia? **A Housing related project, for the purpose of this application, must be for a specific development and the development must increase the number of housing units on the land/property.**	No	

TECHNICAL INFORMATION

GOVERNMENT AND FIRST NATION FEE EXEMPTION REQUEST

Do you belong to, are you applying on behalf of, or are you: No

- A provincial government ministry
- The Government of Canada

- A First Nation for water use on reserve land
- A person applying to use water on Treaty Lands
- A Nisga'a citizen
- An entity applying to use water from the Nisga'a Water Reservation?

We require some more technical information from you. Please add sites where you need to divert and use water.

Term Start Date:	Mar 31, 2023
Term End Date:	Mar 30, 2025

SITES WHERE YOU WANT TO DIVERT THE WATER

Please provide us with information about all sites where you want to take the water from, how much water you will need and what the water will be used for.

SITES

Location ID:	Williston Reservoir 1
Name of the Stream:	Williston Reservoir
Source of Water:	Surface Water
Source Flows Into:	Peace River
Location of Intake:	
Point of Diversion Coordinates:	56.0350500, -122.1627000
Purpose of Use:	Well Drill/Transprt Mgmt
Rental Fee:	$400.00
Application Fee:	$1,000.00
Total Daily Quantity	
Quantity:	240.00000 m3/day
Maximum Rate of Diversion:	0.02000 m3/s
Term Start Date:	Mar 31, 2023
Term End Date:	Mar 30, 2025
Date of Use Start:	February 15
Date of Use End:	November 15
Works to be Used:	See attached Description of Works
Land Ownership:	☐ Applicant owns land ☑ Land is Crown Land but applicant has tenure ☐ Land is Crown Land but tenured to Ministry of Transportation ☐ A third Party owns the land but the applicant has lease or tenure ☐ A third Party owns the land ☐ Land is Crown Land but the applicant does not have a tenure
Land Tenure or Mine Tenure Number:	L815708
Provide the legal description/location description of land(s) where works are proposed:	See attached Description of Works
Legal Description of land where the water is to be used:	See attached Description of Works
Coordinates of Use:	

Location ID:	Williston Reservoir 2
Name of the Stream:	Williston Reservoir
Source of Water:	Surface Water

Source Flows Into:	Peace River
Location of Intake:	
Point of Diversion Coordinates:	56.0186970, -122.1703230
Purpose of Use:	Vehicle & Equipment
Rental Fee:	$400.00
Application Fee:	$1,000.00
Total Daily Quantity	
Quantity:	240.00000 m3/day
Maximum Rate of Diversion:	0.02000 m3/s
Term Start Date:	Mar 31, 2023
Term End Date:	Mar 30, 2025
Date of Use Start:	February 15
Date of Use End:	November 15
Works to be Used:	See attached Description of Works
Land Ownership:	☐ Applicant owns land ☑ Land is Crown Land but applicant has tenure ☐ Land is Crown Land but tenured to Ministry of Transportation ☐ A third Party owns the land but the applicant has lease or tenure ☐ A third Party owns the land ☐ Land is Crown Land but the applicant does not have a tenure
Land Tenure or Mine Tenure Number:	L815708
Provide the legal description/location description of land(s) where works are proposed:	See attached Description of Works
Legal Description of land where the water is to be used:	See attached Description of Works
Coordinates of Use:	

Location ID:	Lynx Creek Boat Launch
Name of the Stream:	Peace River
Source of Water:	Surface Water
Source Flows Into:	Peace River
Location of Intake:	
Point of Diversion Coordinates:	56.0651830, -121.8422690
Purpose of Use:	Misc Indust
Rental Fee:	$400.00
Application Fee:	$1,000.00
Total Daily Quantity	
Quantity:	240.00000 m3/day
Maximum Rate of Diversion:	0.02000 m3/s
Term Start Date:	Mar 31, 2023
Term End Date:	Mar 30, 2025
Date of Use Start:	February 15
Date of Use End:	November 15
Works to be Used:	See attached Description of Works
Land Ownership:	☐ Applicant owns land ☑ Land is Crown Land but applicant has tenure ☐ Land is Crown Land but tenured to Ministry of Transportation ☐ A third Party owns the land but the applicant has lease or tenure ☐ A third Party owns the land ☐ Land is Crown Land but the applicant does not have a tenure
Land Tenure or Mine Tenure Number:	L815708
Provide the legal description/location description of land(s) where works are proposed:	See attached Description of Works
Legal Description of land where the water is to be used:	See attached Description of Works

Coordinates of Use:

If you have more than one site you can make a copy of a site by clicking the 'Copy' link besides the site entry above. All the information will be copied from that entry and you can then edit that copied entry and change the values as required.

LOCATION INFORMATION

LAND DETAILS

DRAWINGS

A Drawing to Scale is required that meets the Application Drawing Standards. Choose one of the options below to submit the required map/drawing.

Additionally, it is recommended that you provide a topographical map showing the general location of the property where the water is proposed to be used and the works constructed in relation to nearby communities, highways, railways and other water sources.

(this additional map will not be necessary if your Drawing to Scale is provided using the Geomark Service or a spatial file such as .KML or .KMZ)

ATTACHED DOCUMENTS

Document Type	Description	Filename
Other	Description of Activities and Works	WSA-S10-STU-Renewal-for-Por...

PRIVACY DECLARATION

☑ Check here to indicate that you have read and agree to the privacy declaration stated above.

REFERRAL INFORMATION

Some applications may also be passed on to other agencies, ministries or other affected parties for referral or consultation purposes. A referral or notification is necessary when the approval of your application might affect someone else's rights or resources or those of the citizens of BC. An example of someone who could receive your application for referral purposes is a habitat officer who looks after the fish and wildlife in the area of your application. This does not apply to all applications and is done only when required.

Please enter contact information below for the person who would best answer questions about your application that may arise from anyone who received a referral or notification.

Company / Organization:	British Columbia Hydro and Power Authority
Contact Name:	Meaghan Candy
Contact Address:	333 Dunsmuir Street Vancouver BC V8B 5R3
Contact Phone:	604-328-8436
Contact Email:	meaghan.candy@bchydro.com

☑ **I hereby consent to the disclosure of the information contained in this application to other agencies, government ministries or other affected parties for referral or First Nation consultation purposes.**

IMPORTANT NOTICES

Please review the "Important Notices" below and then check the declaration at the bottom confirming that everything in this application is complete and accurate.

- I understand that the submission of this Short Term Use of Water Approval does not provide authority under the Water Sustainability Act to divert, use or store water from a stream or to construct works. I also understand that my application must

first be investigated and a decision made on the application as to whether a approval may be granted and, as part of that review, additional information may be requested of me.

- The application may be subject to further requirements under the federal Fisheries Act. Please refer to Fisheries and Oceans Canada Projects Near Water webpage (http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html) for information on how to ensure your project complies with the Fisheries Act.
- Once you click 'Next' the application will be locked down and you will NOT be able to edit it any more.

DECLARATION

☑ By submitting this application form, I, declare that the information contained on this form is complete and accurate.

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
WSA07-APP 2 yr @ 87600 m3/y - Misc Indust	$1,000.00		$1,000.00	$0.00
WSA07-REN 2 yr @ 87600 m3/y - Misc Indust	$400.00		$400.00	$0.00
WSA10-APP 2 yr @ 87600 m3/y - Well Drill/Transprt Mgmt	$1,000.00		$1,000.00	$0.00
WSA10-REN 2 yr @ 87600 m3/y - Well Drill/Transprt Mgmt	$400.00		$400.00	$0.00
WSA12-APP 2 yr @ 87600 m3/y - Vehicle & Equipment	$1,000.00		$1,000.00	$0.00
WSA12-REN 2 yr @ 87600 m3/y - Vehicle & Equipment	$400.00		$400.00	$0.00

OFFICE

Office to submit application to:	Fort St. John

PROJECT INFORMATION

Is this application for an activity or project which requires more than one natural resource authorization from the Province of BC?	Yes
What is the name of your project?	Site C Clean Energy Project
Please provide any of the following: reference number(s), project number(s), tracking number(s), or other descriptive information which would allow us to group these applications together:	8015777

APPLICANT SIGNATURE

Applicant Signature	Date

OFFICE USE ONLY

Office	File Number	Project Number
Fort St. John		
	Disposition ID	**Client Number**

Site C Clean Energy Project
Water Sustainability Act S10 Short Term Use of Water (Renewal)
Portage Mountain Quarry
Description of Activities and Works

INTRODUCTION

Highway 29 is a two-lane arterial undivided highway under the jurisdiction of the British Columbia Ministry of Transportation and Infrastructure (MoTI) that connects Hudson's Hope to Fort St. John on the north side of the Peace River. When reservoir filling begins, the Site C Reservoir will widen the Peace River by two-to-three times, covering parts of the highway. As a result, BC Hydro has partnered with MoTI to realign approximately 30km of existing highway at Lynx Creek, Dry Creek, Farrell Creek, east of Farrell Creek, Halfway River, and Cache Creek. A berm has also been constructed for shoreline protection at Hudson's Hope. Portage Mountain Quarry is the primary source of riprap and bedding material for the Hudson's Hope berm, and for Highway 29 realignment activities.

Activities at Portage Mountain Quarry require water use for dust control, vehicle washing and fire protection. On March 3, 2021, the Ministry of Forests, Lands, Natural Resource Operations and Rural Development (FLNRORD) issued *Water Sustainability Act* S10 Short Term Use of Water Approval 9000587, expiring March 1, 2023, to BC Hydro permitting water withdrawal for works related to Portage Mountain Quarry.

BC Hydro is now submitting this renewal application for continued use of water to support remaining activities at Portage Mountain Quarry, such as reclamation. This document provides information on existing conditions, proposed activities and works, schedule of work, access and equipment and the future use of the area. This application should be read in conjunction with the Site C Construction Environmental Management Plan (CEMP).[1]

EXISTING CONDITIONS

Existing baseline conditions, potential effects of the Project and proposed mitigation measures on Fish and Fish Habitat, Vegetation and Ecological Communities, Wildlife Resources and Heritage Resources, are described in the Site C Project's EIS Volume 2 Sections 12, 13 and 14, and Volume 4 Section 32, respectively.

DESCRIPTION OF WORKS

This application requests authorization to withdraw water from one point of diversion (POD) on the Peace River near the Lynx Creek boat launch, and two PODs on the Williston Reservoir, as shown on Drawing No. 1016-N11-00734.

For the period of February 15th to November 15th, the annual volume of water requested under this permit will be 40,080m³.

- 32,064m³ for well drilling/transportation management (dust control)
- 2,000m³ for vehicle and equipment (washing)
- 6,012m³ for miscellaneous industrial (fire protection)

[1] Site C Clean Energy Project Construction Environmental Management Plan. Revision 11: October 11, 2022. Available from https://www.sitecproject.com/sites/default/files/construction-environmental-management-plan-CEMP-rev-11_0.pdf

The total volume of water requested over a two year period is 80,160m³.

The maximum rate of withdrawal will be 0.02m³/s. The volumes above assume that water will be required at various volumes up t0 240m³ per day for a 24hour workday, 7 days per week between February 15th and November 15th.

All information set out in the Description of Activities and Works is based on construction planning at the time of application. Activities may be somewhat different depending on the contractors' preferences for equipment, sequencing of activities and construction means and methods. All activities will be carried out in accordance with the Site C Construction Environmental Management Plan.

LEGAL LAND DESCRIPTION

Table 1 below describes the location of the point of diversions. The attached map identifies the Portage Mountain Quarry *Land Act* Licence of Occupation boundaries where the water will be used. Water may also be used on the 400Rd, on the material stockpile location at 400Rd, and Canyon Drive.

Table1. Location of water withdrawal sites

Point of Diversion ID	Coordinates	Legal Land Description
Williston Reservoir 1	56.03505, -122.1627	Unsurveyed Crown Land in the Williston Lake East of District Lot 840 where the Talisman Williston Loadout Road meets the Williston Lake
Williston Reservoir 2	56.018697, -122.170323	Unsurveyed Crown Land in the Williston Lake East of District Lot 840 where the Talisman Williston Loadout Road meets the Williston Lake
Lynx Creek Boat Launch	56.065183, -121.842269	Crown Foreshore being part of the bed of the Peace River and the Peace River within Section 3 Township 82 Range 25 West of the 6th Meridian Peace River District of the Left Bank of the Peace River

SCHEDULE OF WORK

Water will be used between February 15th and November 15th. Highway 29 construction and decommissioning activities have commenced. Reclamation activities are scheduled to commence in Spring 2023.

SITE RESTORATION AND ACCESS

Ground disturbance at the water withdrawal site will be negligible. No excavation or clearing is expected to be required for the implementation of the water pumps or intakes.

The contractor will access the withdrawal sites through already established access roads.

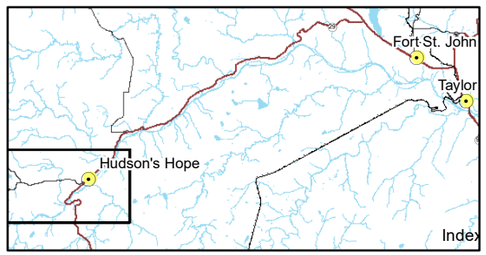
ENVIRONMENTAL MANAGEMENT AND MONITORING

Construction will comply with the Site C Construction Environmental Management Plan[2] and the contractors Environmental Protection Plan (EPP). The EPP will describe measures to protect water quality, avoid impacts on fish and fish habitat, and comply with existing environmental Best Practices.

[2] Site C Clean Energy Project Construction Environmental Management Plan. Revision 11: October 11, 2022. Available from https://www.sitecproject.com/sites/default/files/construction-environmental-management-plan-CEMP-rev-11_0.pdf

Portage Mountain Quarry – Water Use

Drawing No. 1016-N11-00734



Map Notes:
1. Datum: NAD 83
2. Projection: UTM Zone 10N
3. Base Data: Province of B.C.
4. Imagery: ESRI Online Basermapping.

Legend

- Water Withdrawal Locations
- Portage Mountain Quarry
- Portage Mountain Quarry Revised Area
- Existing Highway

1:70,000 0 3 km

BC Hydro

Portage Mt Quarry
Water Sustainability Act
Short Term Use Approval Application

Date	Oct. 30, 2020	DWG NO	1016-N11-00734	R 1

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Construction of the Site C Clean Energy Project is subject to required regulatory and permitting approvals.

Path: X:\ArcGISProjects\Permitting\Construction\OffSiteConstructMat\Portage_WSA_STU_Applic_1016_N11_00734.mxd