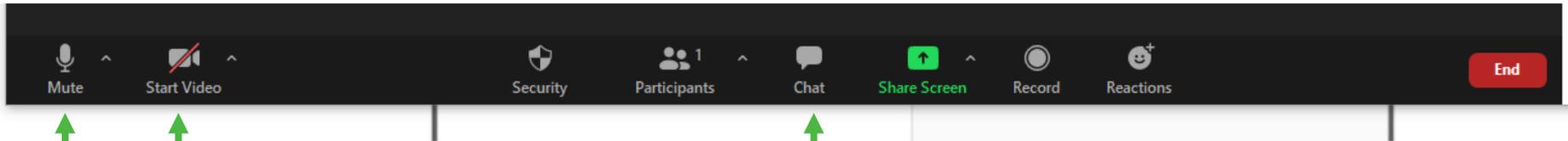


Regional Community Liaison Committee Project Briefing

June 15, 2022

Zoom Meeting Reminders

We'll be using a few basic tools, which you can find at the bottom of the screen



Mute/unmute your mic
& turn your video on/off

Open the chat panel for
questions / feedback

Site C Clean Energy Project
Regional Community Liaison Committee

Wednesday, June 15, 2022
1:00 – 3:30 pm

This meeting will be held by ZOOM, a link will be sent out as well as a tollfree number for those unable to connect through the link.

AGENDA

Opening & Welcome (Bob Gammer)	1:00 PM
Review of Agenda & Action Items (Bob Gammer)	1:05 PM
Dam On-site Construction Update (Chris Waite) <ul style="list-style-type: none">○ Left Bank○ Right Bank○ Aggregate Management	1:10 PM
Dam Off-site Construction Update (Katrina Kelly) <ul style="list-style-type: none">○ Highway 29 Realignment○ Reservoir Clearing Work○ Berm Update	1:25 PM
EAC Amendment Update (Karen von Muehldorfer) <ul style="list-style-type: none">○ Halfway River Boat Launch○ 85th Avenue Industrial Lands Contingency Hauling	1:45 PM
Fish Habitat Enhancement (Greg Scarborough/Katrina Kelly)	1:50 PM
BREAK (Optional)	2:05 PM
Peace Region Aggregate Resources (Karen Goodings)	2:25 PM
Jobs and Businesses Update (Kate O’Neil)	2:45 PM
Contractor Updates	2:55 PM
Roundtable (Committee members)	3:05 PM
Next Steps & Closing (Bob Gammer) <ul style="list-style-type: none">○ Next meeting – meeting date options	3:25 PM

Regional Community Liaison Committee

Action Items Tracking Log: January – December 2022

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2022-001	Matt Drown to confirm the dates, details and public access to the trails around the berm and D.A. Thomas Road area with Mayor Heiberg.	Matt Drown	March 16, 2022	In Progress. At the last CEC meeting (May 18, 2022) we committed to schedule a meeting with DoHH staff on site at the berm to discuss trail access following berm construction (summer 2022) and prior to recreational site construction (summer 2023).
2022-002	Shanna to confirm if the six million cubic meters of materials mentioned in the aggregate presentation provided by Karen Goodings includes Area E.	Shanna Mason	March 16, 2022	Complete. Dave Conway sent a response on April 24, 2022 with an explanation. Karen Gooding sent an acknowledgement on June 1 st .

Dam Site Construction Update

Chris Waite



Dam Site Construction Update

- **Main Civil Works**
- **Penstocks, Intakes and Spillway**
- **Right Bank Foundation Enhancements**
- **Powerhouse, Turbines and Generators**
- **Balance of Plant**
- **Area E**

Main Civil Works – 85th Avenue

Glacial Till Loading Onto Conveyor



Dam Construction

Upstream cofferdam

Dam Core - Till

Filters

Shell - Granular



Approach Channel

Concrete Plinth

Penstocks, Intakes, Spillways



Penstocks



Intakes

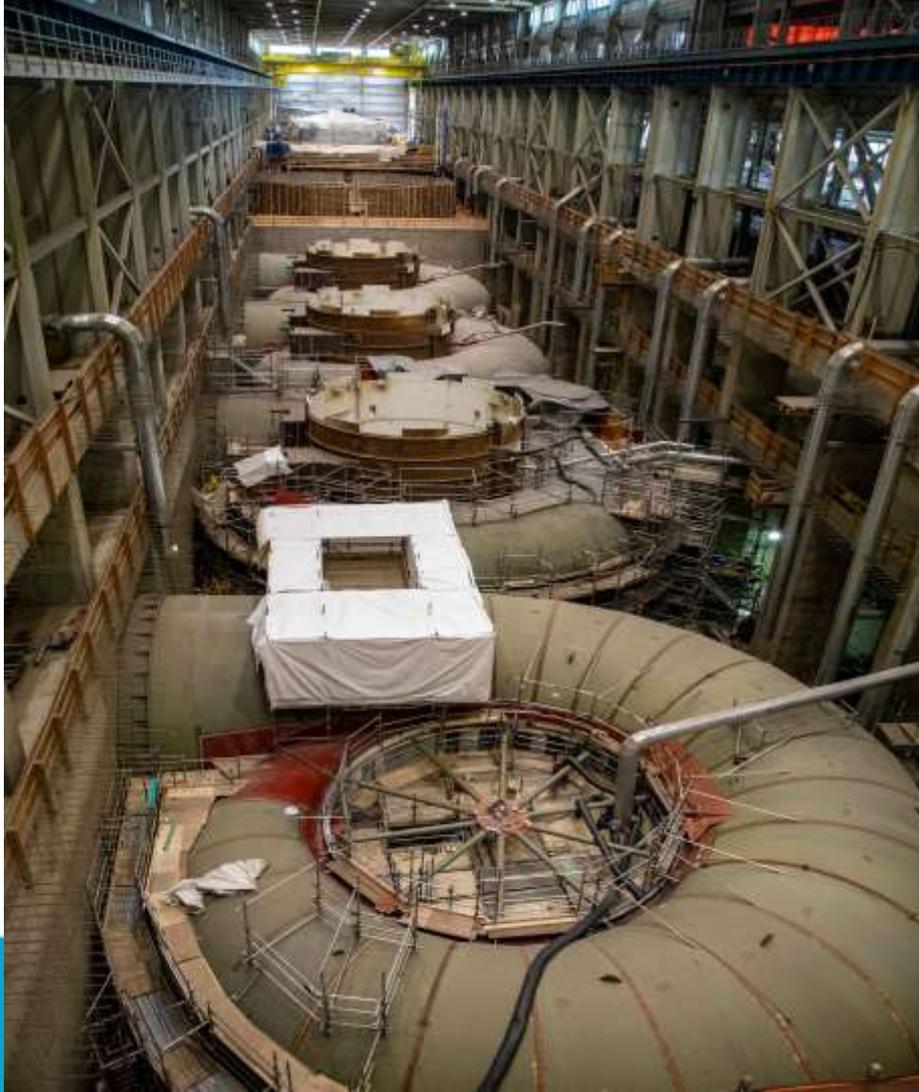


Spillways, Stilling Basin and Headworks

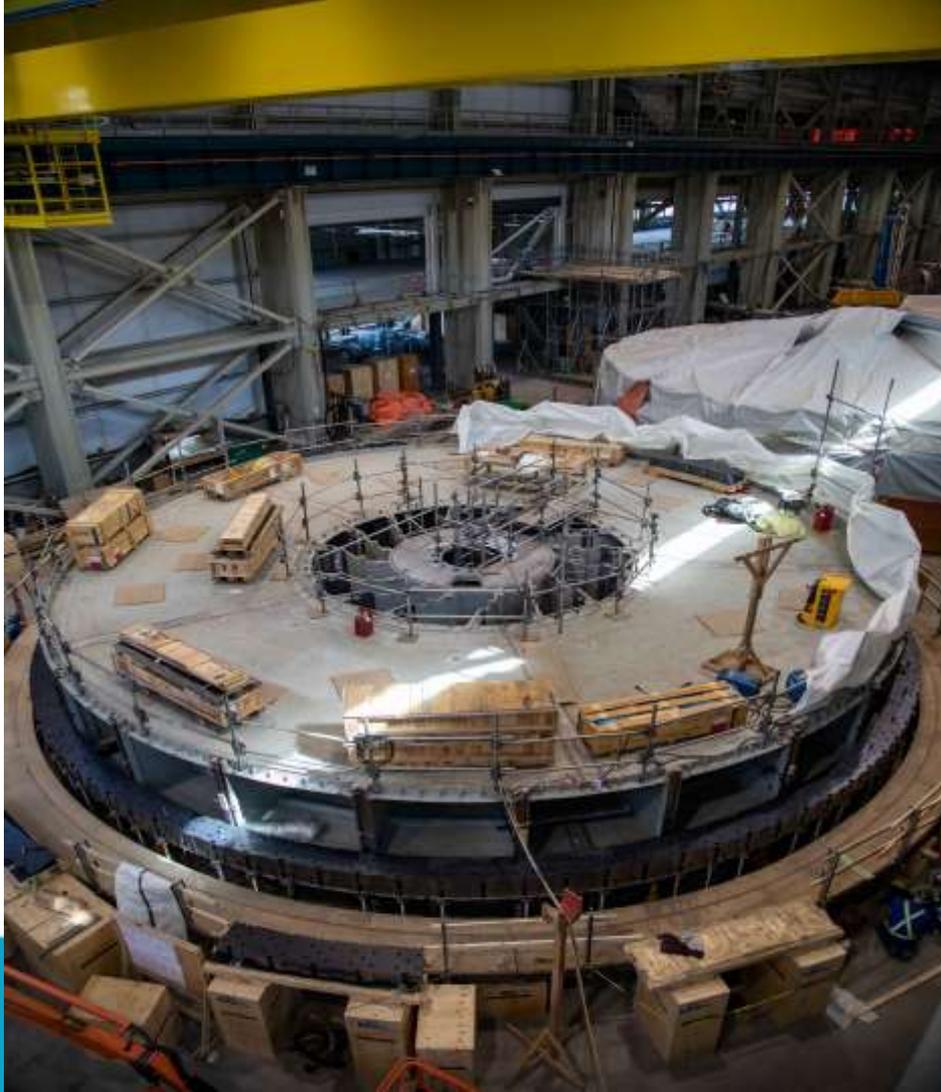


Foundation Enhancement - Tailrace



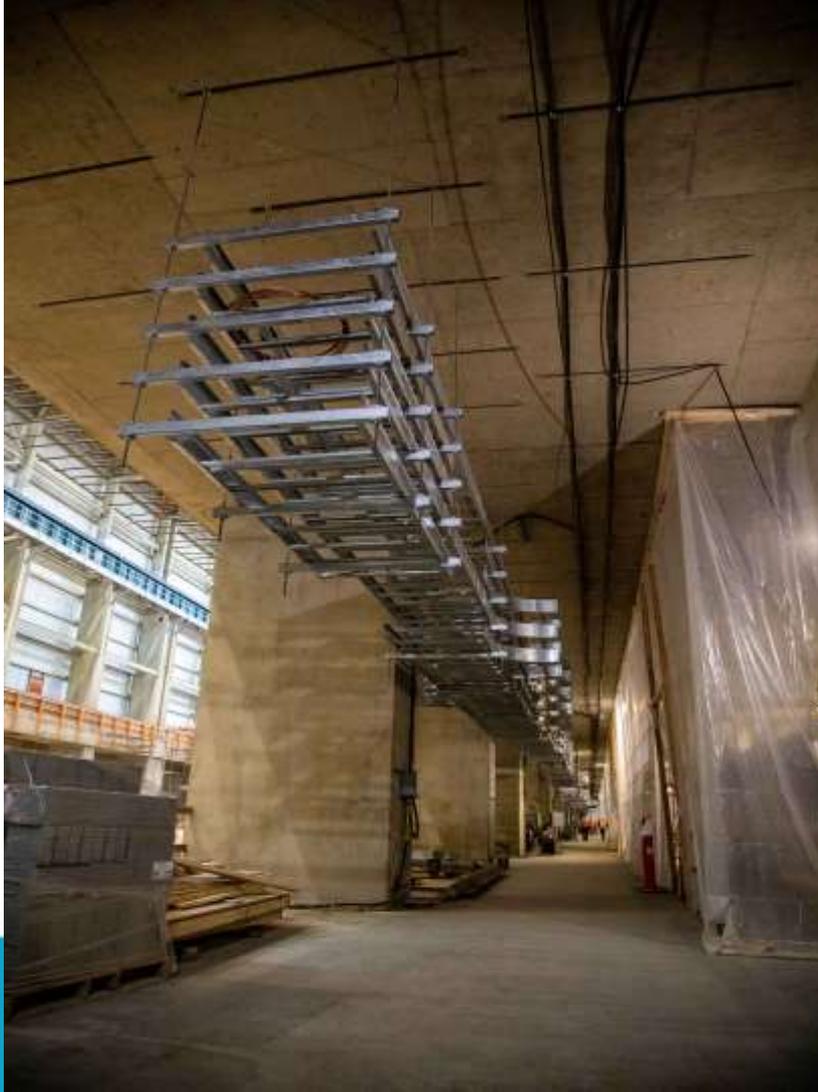


Powerhouse Turbines and Generators Units 6 to 1



Powerhouse Unit 1 Rotor

Balance of Plant Cable Tray Installation



Balance of Plant Control Panel Installation



Area E Update



Road Construction



Crusher and Aggregate Stockpile

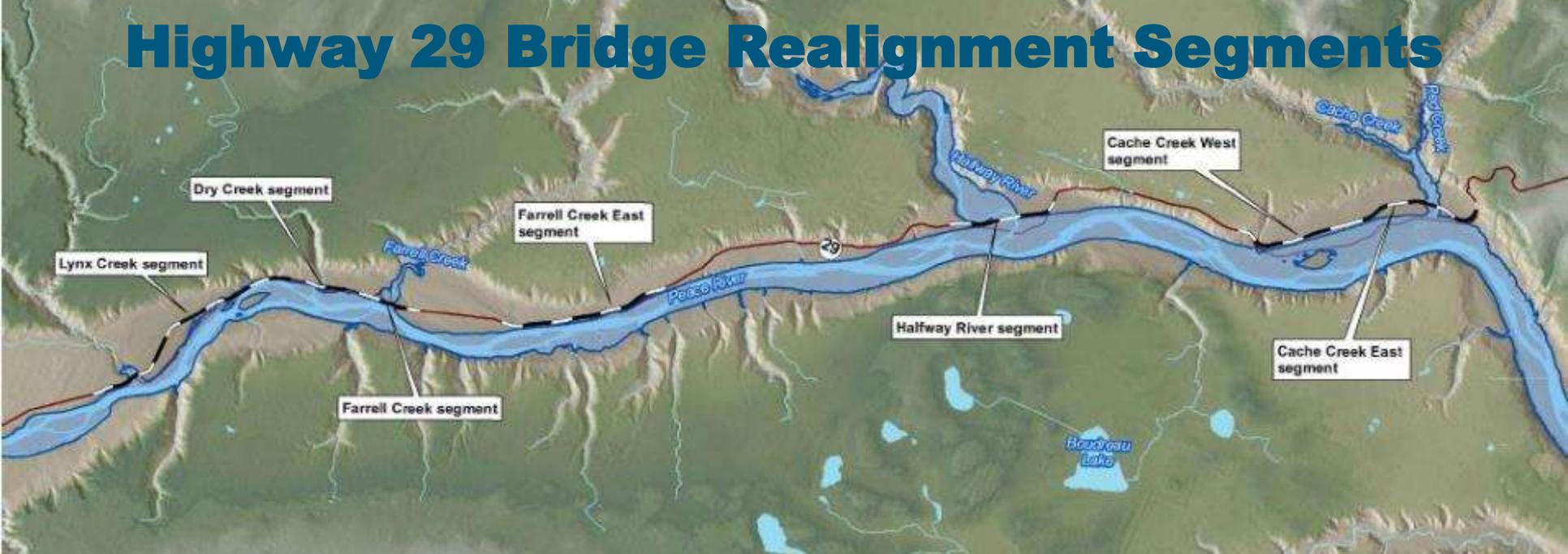
Questions?

BC Hydro
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Off Dam Site Construction Update

- **Highway 29 Realignment**
- **Hudson's Hope Shoreline Protection**
- **Reservoir Clearing**

Highway 29 Bridge Realignment Segments



Construction Schedule Start to Finish

Lynx Creek – 8.1 km	2019 to 2022	Halfway River – 3.7 km	2018 to 2022
Dry Creek - 1.4 km	2020 to 2022	Cache Creek West – 4.0 km	2018 to 2020
Farrell Creek – 1.9 km	2020 to 2022	Cache Creek East – 8.6 km	2019 to 2022
Farrell Creek East – 3.0 km	2021 to 2022	Highway decommissioning:	2022 to 2023

Highway 29 Realignment – Cache Creek Bridge

Bridge Deck Concrete Pour #3 Complete



Highway 29 Realignment - Cache Creek Bridge



Highway 29 Realignment – Halfway River Bridge

Paving the East Approach





Highway 29 Realignment – Halfway River Bridge Paving the West Approach

Highway 29 Realignment – Farrell Creek Bridge Pre-Cast Deck Panels Completed



Highway 29 Realignment – Dry Creek Bridge



Highway 29 Realignment – Lynx Creek East Embankment Construction Ongoing





Highway 29 Realignment – Lynx Creek East Embankment Aggregate Placement

Highway 29 Realignment – Lynx Creek Bridge

Preparing for Concrete Pour

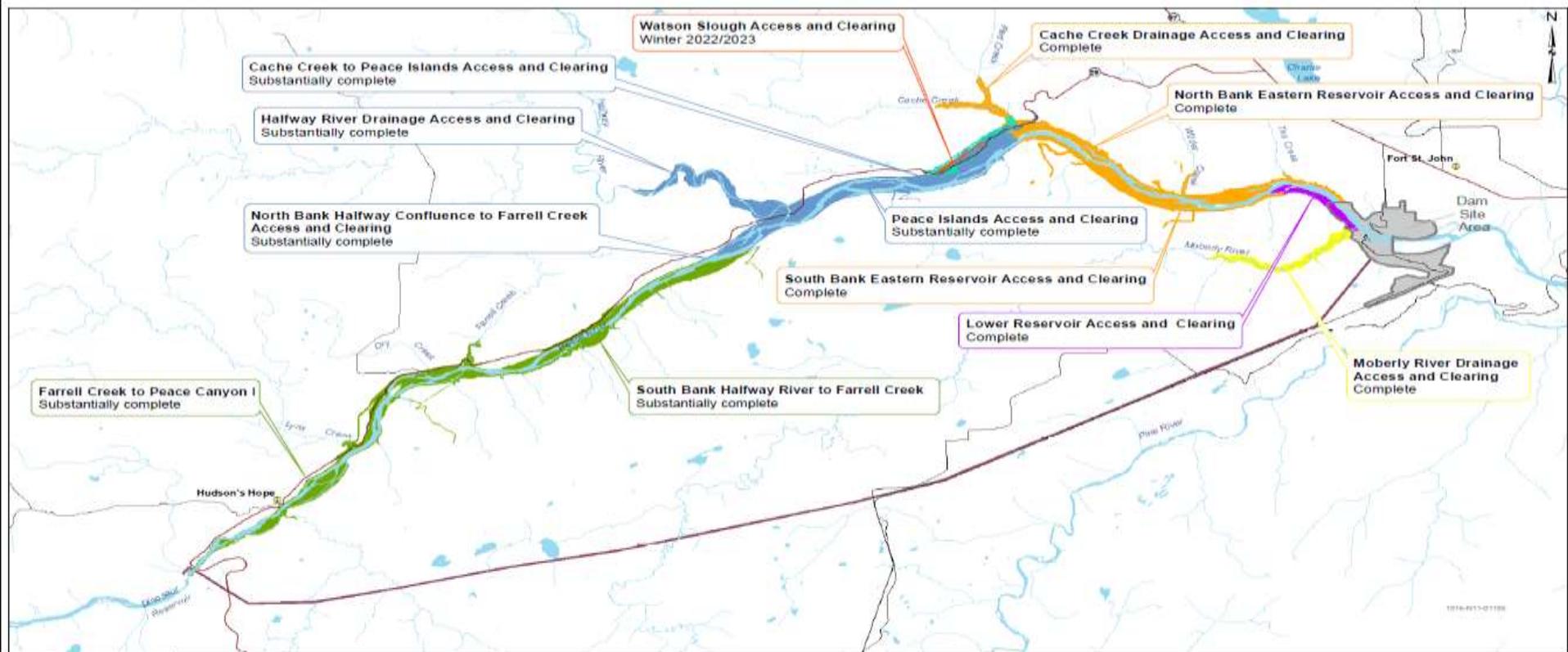


Highway 29 Realignment – Lynx Creek Bridge Bridge Deck Concrete Pour #1





Hudson's Hope Shoreline Protection



1026-013-0100



MND Notes:
 1. Datum: NAVD83
 2. Projection: UTM Zone 10N
 3. 8356 Data: Province of B.C.

Legend

■ Lower Reservoir	■ Watson Slough
■ Eastern Reservoir	■ Moberly River Drainage
■ Hwy 29 Cache Creek	■ Transmission Line
■ Middle Reservoir	■ Dam Site
■ Western Reservoir	

- Notes:**
1. Reservoir clearing timelines include snow waste clearance.
 2. The remaining Highway 29 realignment clearing is set to be 2025.
 3. Timing is based on September 2021 - Start River Diversion, September 2022 - Start Reservoir Filling

1:215,000

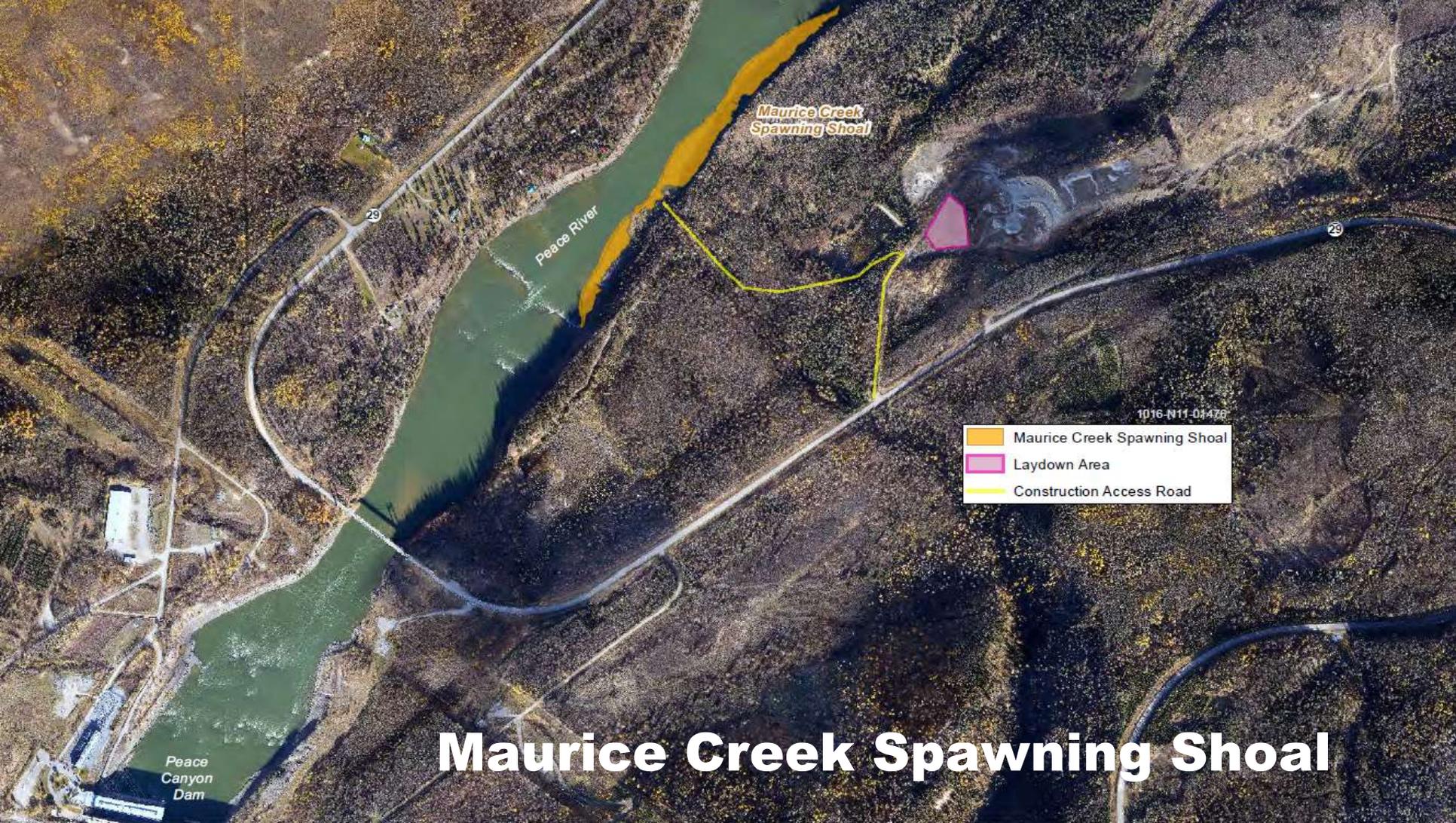
BC Hydro

Site C Reservoir Clearing

DATE	Nov 30, 2021	1016-011-01100	R 1
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Construction of the Site C Clean Energy Project is subject to approval by regulatory agencies and permiting requirements.



Peace River

Maurice Creek Spawning Shoal

1016-N11-0147B

- Maurice Creek Spawning Shoal
- Laydown Area
- Construction Access Road

Peace Canyon Dam

Maurice Creek Spawning Shoal

Questions?

BC Hydro
Power smart

EAC Amendment Update

- **Halfway River East Boat Launch**
 - EAC Amendment issued May 6, 2022
 - Condition requires BC Hydro to fund a Conservation Officer position for five years
- **85th Avenue Industrial Lands Contingency Hauling**
 - Decision is Pending
 - BC Hydro is preparing a Draft 85th Avenue Industrial Lands Contingency Hauling Management Plan for stakeholder and Indigenous Nations review

Fish Habitat Enhancement

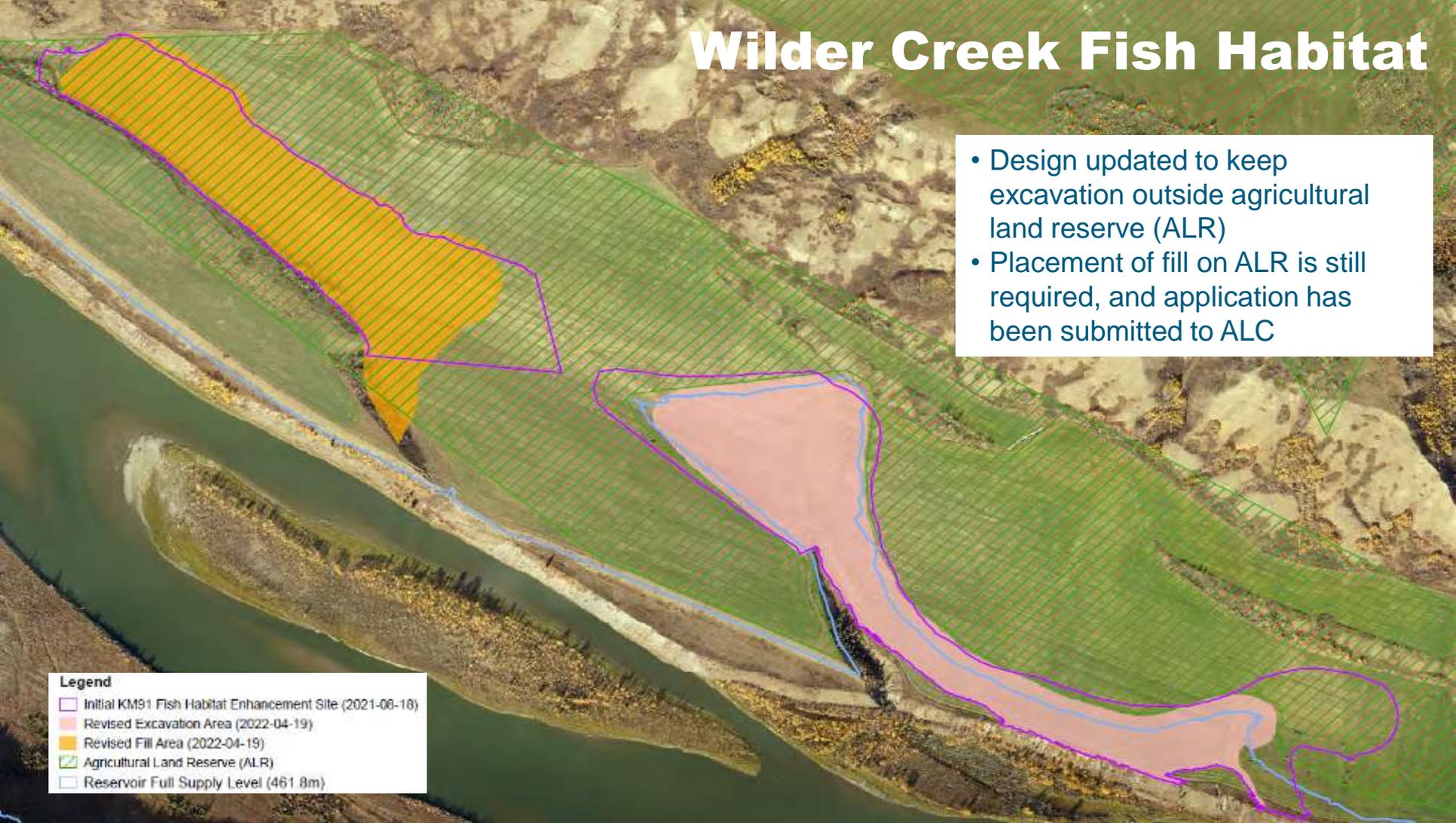
Greg Scarborough

Wilder Creek Fish Habitat

- Design updated to keep excavation outside agricultural land reserve (ALR)
- Placement of fill on ALR is still required, and application has been submitted to ALC

Legend

- Initial KM91 Fish Habitat Enhancement Site (2021-06-16)
- Revised Excavation Area (2022-04-19)
- Revised Fill Area (2022-04-19)
- Agricultural Land Reserve (ALR)
- Reservoir Full Supply Level (461.8m)



Jobs and Business Opportunities



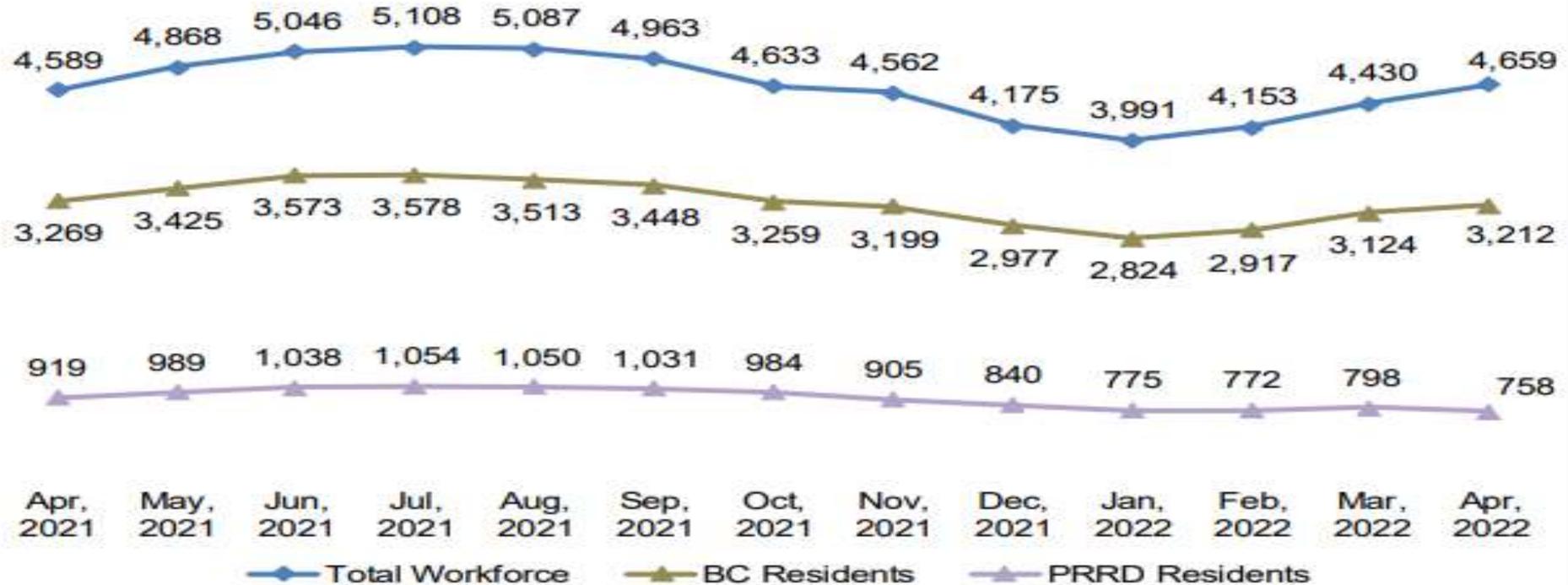
Employment Statistics

The April workforce numbers are the total workforce numbers and include workers working off the dam site area, workers working from home and/or workers who may have been on site at any time in that month.

- BC Hydro requires all major contractors to report employment information.
- Total of **4,659** workers in April 2022: **3,212** from BC (69%), **758** from PRRD (20%)

Site C Employment Statistics – January 2022			
	# of total workers	# of B.C. primary residents	% of B.C. workers
Construction and non-construction contractors	3,879	2,499	64%
Engineers and project team	780	713	91%
Total workforce	4,659	3,212	69%

Site C Jobs Annual Trends (April 2022)



2021 Q4 Regional Business Participation

Companies engaged by BC Hydro and Site C contractors to provide goods and services in relation to Site C construction between March – June 2022

Community	# of businesses	Community	# of businesses
Baldonnel	1	Montney	2
Cecil Lake	1	Pink Mountain	2
Charlie Lake	22	Pouce Coupe	2
Chetwynd	45	Prince George	13
Dawson Creek	24	Rolla	2
Fort Nelson	1	Rose Prairie	2
Fort St. John	409	Taylor	4
Hudson's Hope	17	Tumbler Ridge	2
Moberly Lake	7	Wonowon	2
Total		558	



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