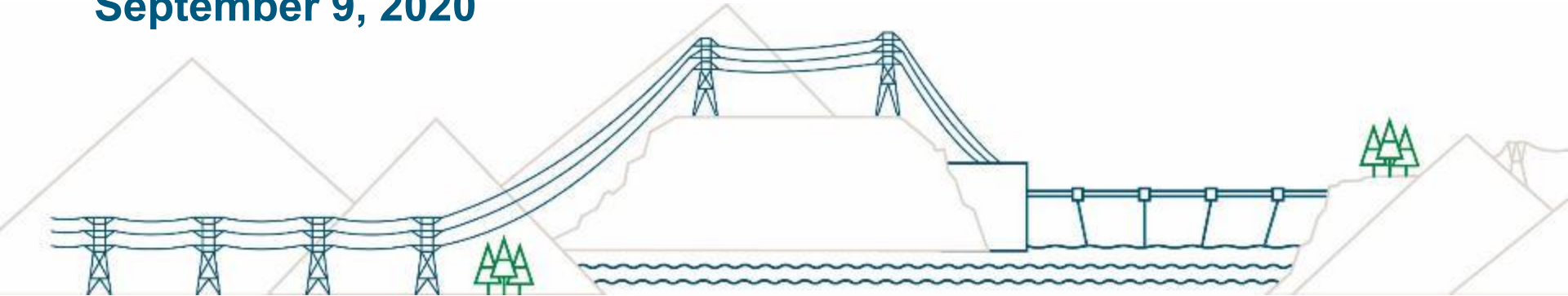


Site C Clean Energy Project

Regional Community Liaison Committee Project Briefing

September 9, 2020

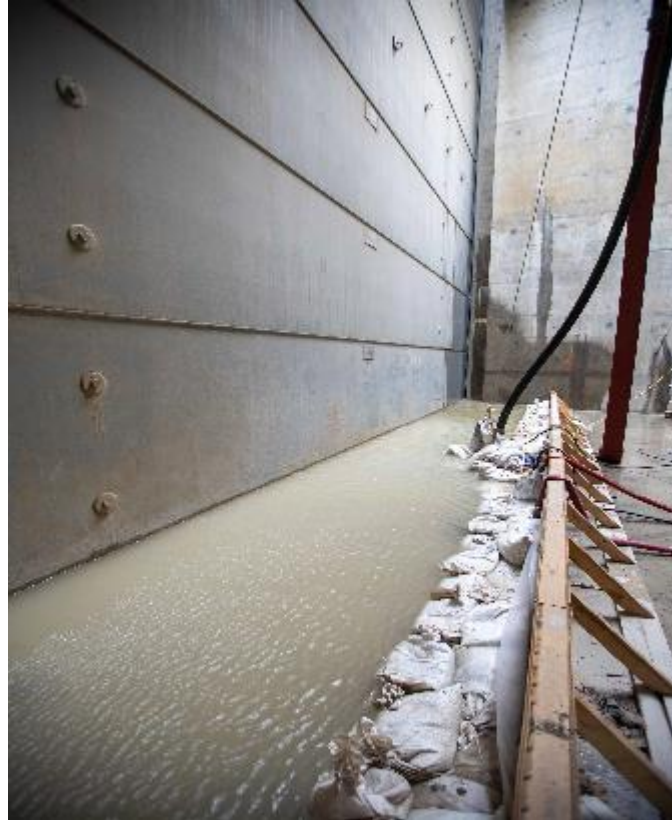




On Dam Site Construction Update

On Dam Site Construction Update

- Diversion
 - Tunnels and gates
 - Cofferdam removal/inlet and outlet
 - Rock berm and stage 2 cofferdams
 - Debris booms
- Other Main Civil Works
 - Core trench & earthfill dam
 - RCC
- Powerhouse and Spillway
 - Powerhouse concrete placement
 - Penstock installation
 - Powerhouse structural steel placement
- 85th Avenue Industrial Lands & till conveyor
- Worker Accommodation



Testing Diversion Tunnel Gates

Left Bank Overview



Inlet Cofferdam

Outlet Cofferdam



Inlet Portal & Approach Channel

Outlet Cofferdam



Outlet Portals & Fishway



Temporary Upstream Fishway





Right Bank: Upstream Cofferdam

Left Bank: Inlet Cofferdam

Right Bank: Rockfill Berm and Upstream Cofferdam



Debris Booms



Dam Core Trench



Left Bank Dam Core Trench

Right Bank Dam Core Trench

Dam Buttress RCC Placement



Powerhouse Intakes and Penstock



Spillway



Concrete Placement



Powerhouse Structural Steel



Powerhouse Crane



85th Avenue Industrial Lands



Worker Accomodation



Off Dam Site Construction Update

- Transmission Work
- Highway 29 realignment
- Portage Mountain Quarry
- Hudson's Hope Shoreline Protection
- Reservoir clearing work

Site C Sub-station



Highway 29 Realignment Segments



Construction Schedule Start to Finish

Lynx Creek – 8 km
Dry Creek - 1.5 km
Farrell Creek - 2 km
Farrell Creek East - 3 km

2019 to 2023
2020 to 2022
2020 to 2023
2021 to 2023

Halfway River – 4 km
Cache Creek West – 4 km
Cache Creek East – 6 km

2018 to 2023
2018 to 2021
2019 to 2023

Highway 29 realignment - Cache Creek East



Highway 29 realignment – Cache Creek West



Highway 29 realignment – Halfway River approach



Highway 29 realignment - Halfway River



Highway 29 realignment – Farrell Creek



Highway 29 realignment – Lynx Creek East



Highway 29 – Lynx Creek West



Portage Mountain Quarry



Portage Mountain Quarry



Area 4 Aggregate Stockpile



Hudson's Hope Shoreline Protection



Zone A:
Below the residential area, extending to just downstream of the hotel on Clarke Avenue

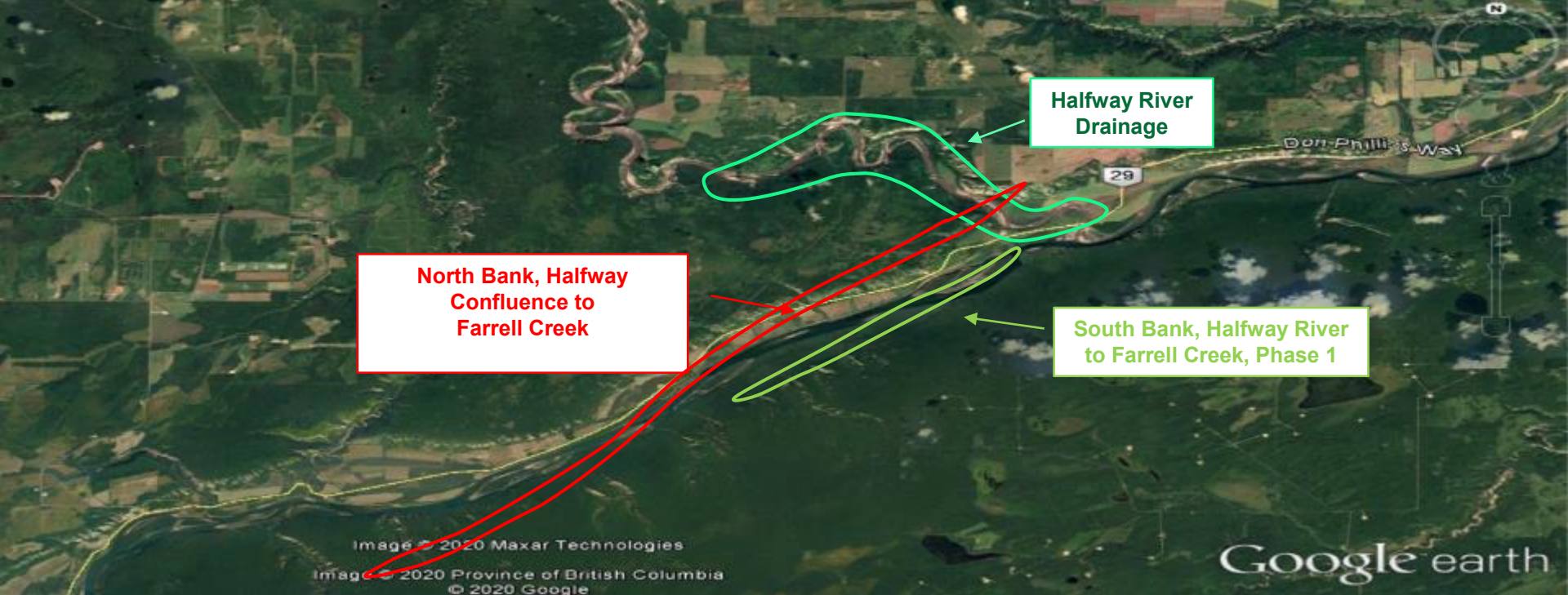
1,650 metres

Zone B:
Below the light industrial land

550 metre slope flattening and armoring of the shoreline

Zone C:
Below the municipal sewage treatment lagoons

450 metre berm



North Bank, Halfway
Confluence to
Farrell Creek

Halfway River
Drainage

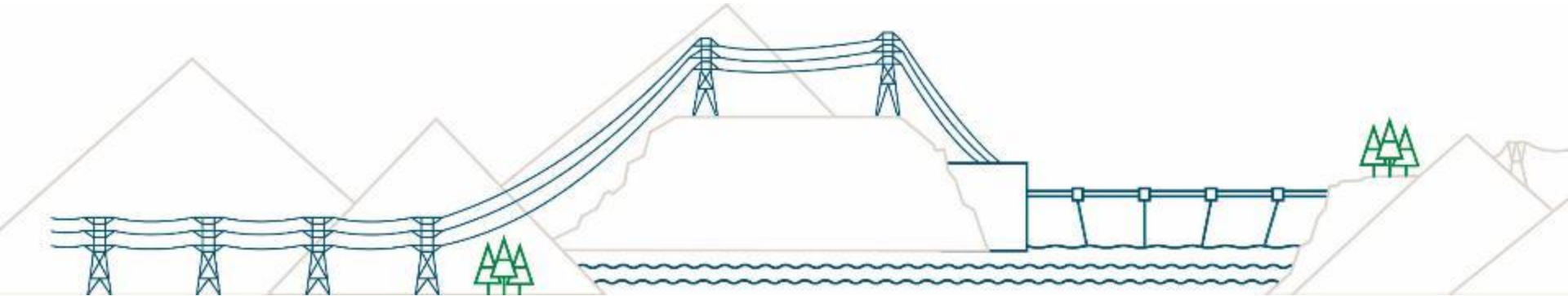
South Bank, Halfway River
to Farrell Creek, Phase 1

Fall Winter Clearing work:

- Halfway River Drainage
- Western Reservoir South Bank, HR to FC Phase 1
- Western Reservoir North Bank, HR to FC

EAC Amendment Update

Shanna Mason

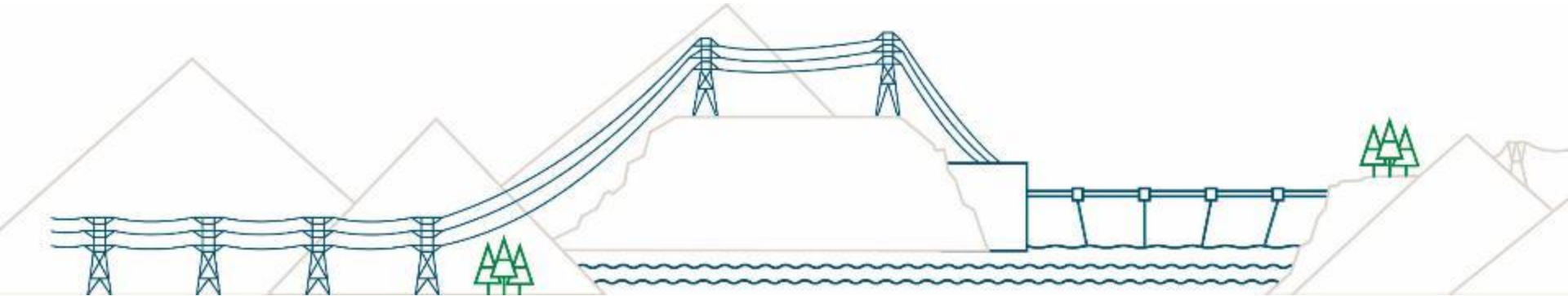


EAC Amendments Update

EAC Amendments Issued	EAC Amendments In Progress	Anticipated EAC Amendments
<ul style="list-style-type: none"> 1) Generating Station and Spillway design changes 2) Highway 29 – Halfway River Bridge design change 3) Use of West Pine Quarry as a materials source for Highway 29 realignment and Hudson’s Hope berm 4) Selective use of machinery to clear in riparian areas 5) Worker Accommodation Expansion 6) Highway 29 Cache Creek – Revised Alignment 7) Highway 29 design changes: Dry, Farrell and Lynx Creek Crossings 	<ul style="list-style-type: none"> 1) Halfway River East Borrow Source – for reservoir clearing access road construction 	<ul style="list-style-type: none"> 1) 85th Avenue Industrial Lands – Hauling material to dam site area

Mitigation Update

Nancy Pepper



Funding Updates

- Peace Agricultural Compensation Fund
- GO Fund



Jobs and business opportunities



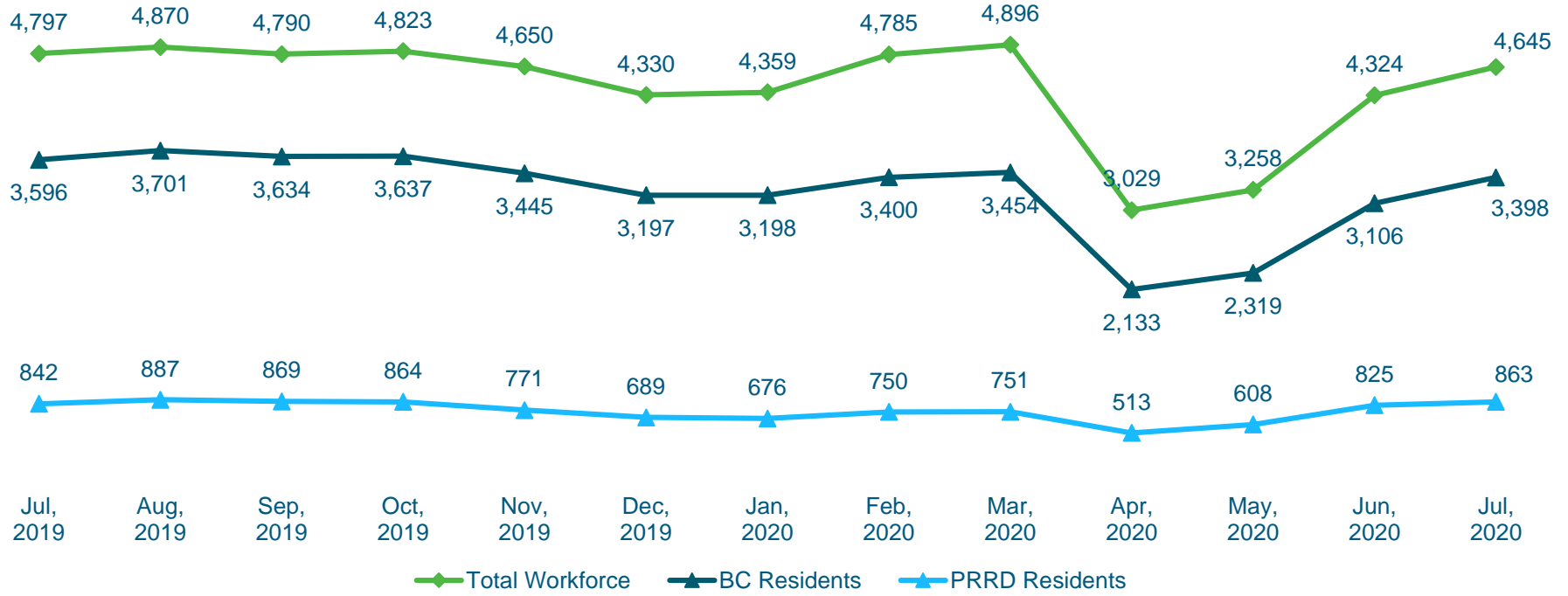
Employment statistics

Note: The July workforce numbers reflect the May 14 decision to gradual resume construction activities on the dam site

- BC Hydro requires all major contractors to report employment information.
- Total of **4,645** workers in July 2020; **3,398** from B.C (73%). Total of **863** workers from PRRD (22%).

Site C Employment Statistics – July 2020			
	# of Total Workers	# of BC Primary Residents	% of BC Workers
Construction and Environmental Contractors	3,908	2,715	69%
Engineers and Project Team	737	683	93%
Total Workforce	4,645	3,398	73%

Site C jobs snapshot (July 2020)



2020 Q2 Regional Business Participation

Companies engaged by BC Hydro and Site C contractors to provide goods & services in relation to Site C construction between April – June 2020

Community	Number of Businesses	Community	Number of Businesses
Cecil Lake	1	Pink Mountain	1
Charlie Lake	23	Pouce Coupe	4
Chetwynd	58	Prince George	37
Dawson Creek	43	Rolla	1
Fort Nelson	1	Rose Prairie	2
Fort St. John	478	Taylor	7
Hudson's Hope	12	Tumbler Ridge	2
Mackenzie	3	Wonowon	1
Moberly Lake	17		
Total		691	



BC Hydro

Power smart