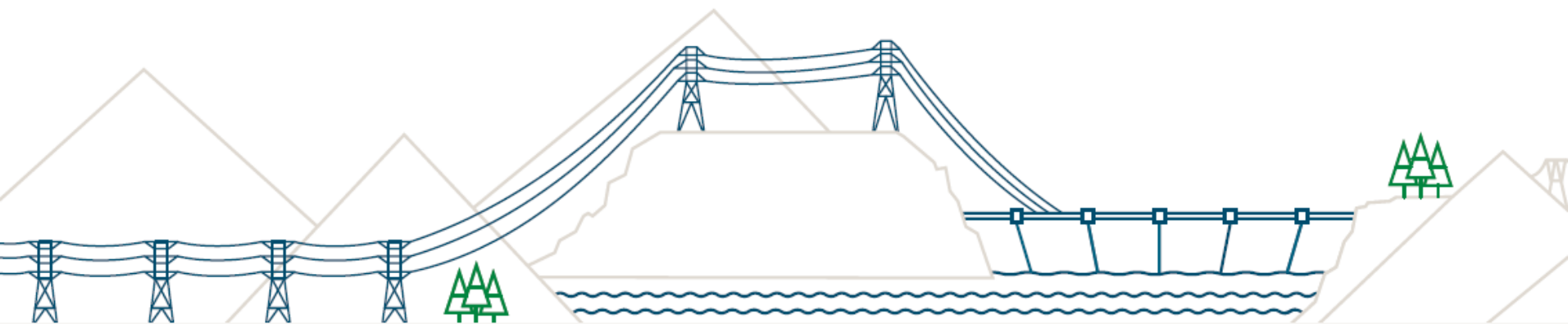


Site C Clean Energy Project

Regional Community Liaison Committee Project Briefing

January 31, 2018



Construction update



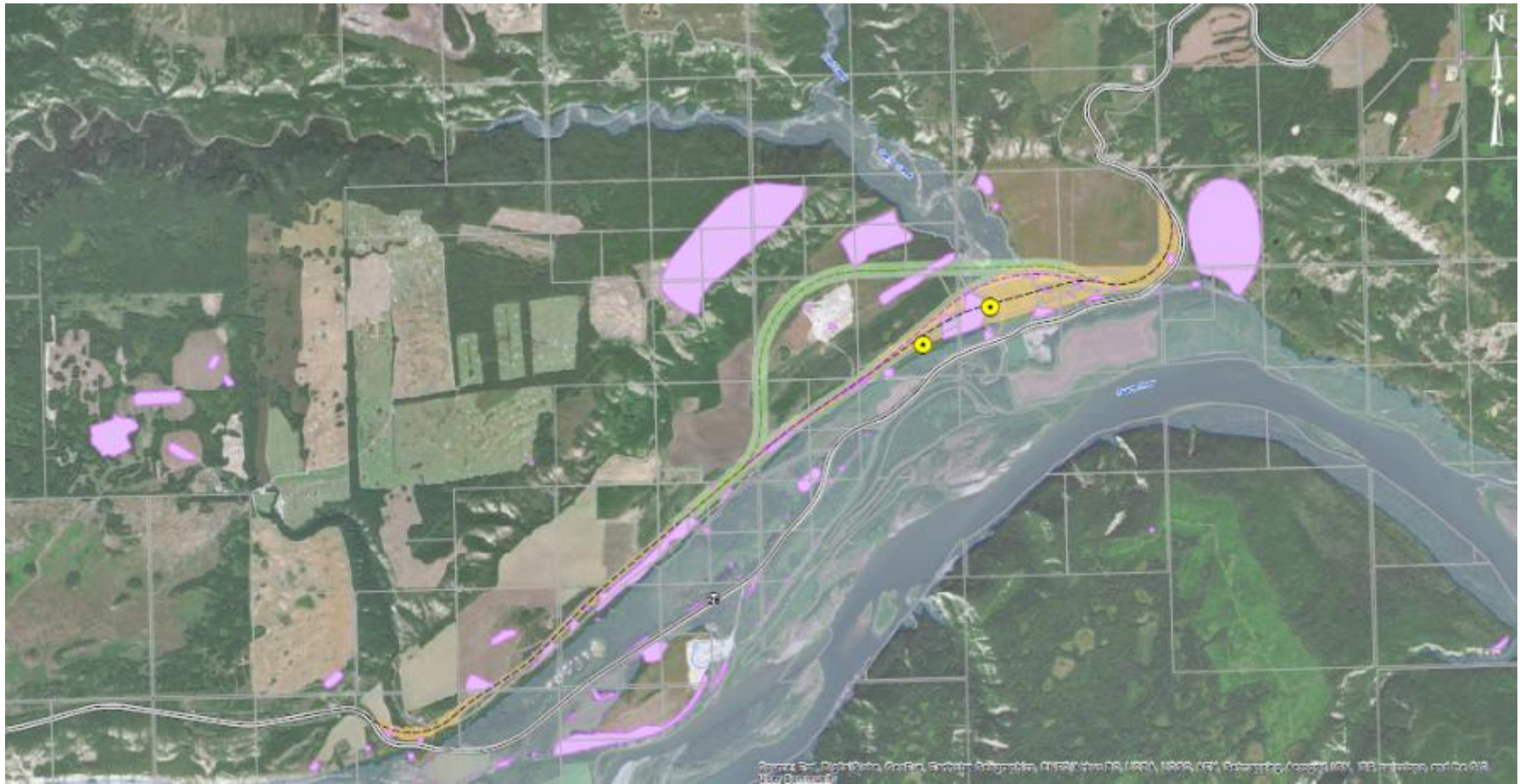
Construction schedule



- Construction schedule updated following the Provincial government's decision to proceed with Site C.
- Posted on project website: sitecproject.com/construction-activities/construction-schedule

Highway 29 realignment options at Cache Creek

Cache Creek route options



Highway 29 realignment

Cache Creek route options

- Consultation with Indigenous Communities and Property Owners – January to July 2018
- Decision on route re-alignment at Cache Creek/Bear Flat – August 2018
- Construct detour at Cache Creek – Summer/fall 2020
- BC Hydro is exploring options for advancing construction for western portion 4 km of the Cache Creek/Bear Flat segment not impacted by the route alignment options

Highway 29 realignment

Geotechnical investigations: 2018

Activity	Location	Timing
<p>Geotechnical investigations:</p> <ul style="list-style-type: none">• Site reconnaissance, ground survey and geotechnical investigations including drilling boreholes and excavating test pits to obtain information for detailed design and potential borrow sources	Cache Creek	May – August 2018
	Halfway River	January 10, 2018 – April 2018
	Farrell Creek East	August – October 2018
	Farrell Creek	August – October 2018
	Dry Creek	May – July 2018
	Lynx Creek	End of April – August 2018

Highway 29 realignment overview

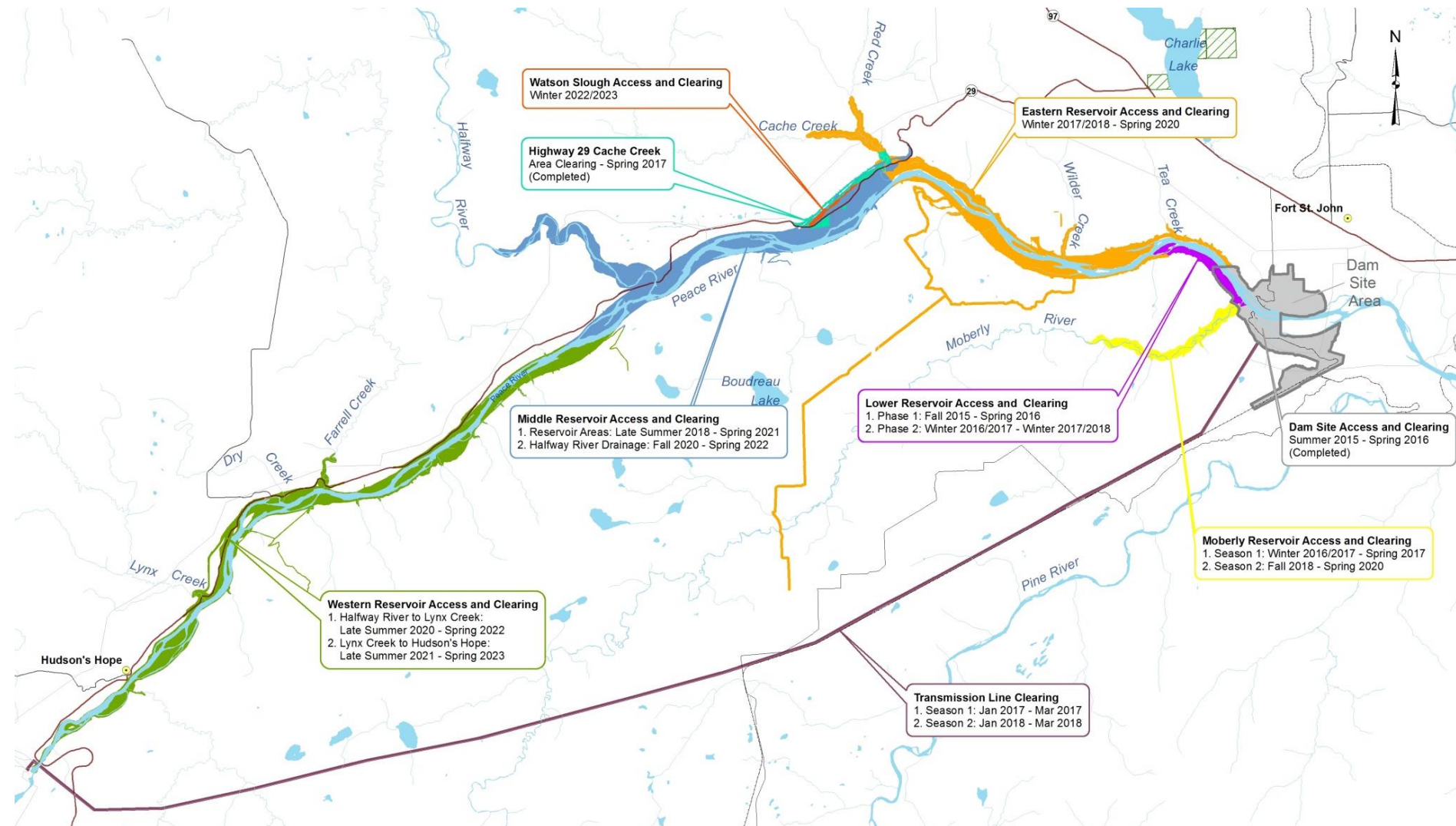


Reservoir clearing

Schedule

Construction activity	Anticipated start
Eastern reservoir	February 2018
Dam site / Lower reservoir	Waste wood removal is ongoing
Lower reservoir & Moberly drainage	January 2018 (ongoing)
Lower reservoir to Cache Creek	January 2018 (ongoing)
Cache Creek to Halfway River	Fall/winter 2018
Halfway River to Hudson's Hope	Fall/winter 2020

Reservoir clearing and infrastructure clearing areas and timing



Transmission lines and stations

Transmission line overview map



Transmission line construction

Anticipated construction schedule

Construction Activity	Anticipated schedule
Access road upgrades	July 2017 – January 2018
Access road construction on right-of-way (RoW), including construction on Septimus Road	June 2017 – September 2018
Transmission RoW clearing (east)	December 2016 – March 2018
Site C substation construction	March 2018 – December 2020
Transmission RoW clearing (west)	January 2018 – September 2018
500kV Transmission line construction	October 2018 – October 2023
Peace Canyon 500kV substation expansion	March 2018 – December 2019
Removal/reconfiguration of 138kV lines	October 2020 – October 2021

Community and social mitigation update



Community and social mitigation

- BC Hydro Peace Agricultural Compensation Fund
- Fort St. John housing project
- Childcare facility
- GO Fund

Margaret 'Ma' Murray Community School (September 2017)



Picture courtesy of School District 60



Procurement update

Procurement update

Procurement approach designed to achieve value for money to ratepayers



Procurements underway:

- Generating station and spillways civil works – *Preferred proponent*
- Hydro-mechanical equipment supply – *RFP phase*
- Powerhouse bridge crane – *RFP phase*
- Site C substation – Construction – *RFP phase*
- Transmission line – Construction – *RFP phase*
- Transmission line – Supply of conductors – *RFP phase*

Future procurements:

- Other infrastructure / supporting activities

Jobs and Businesses update



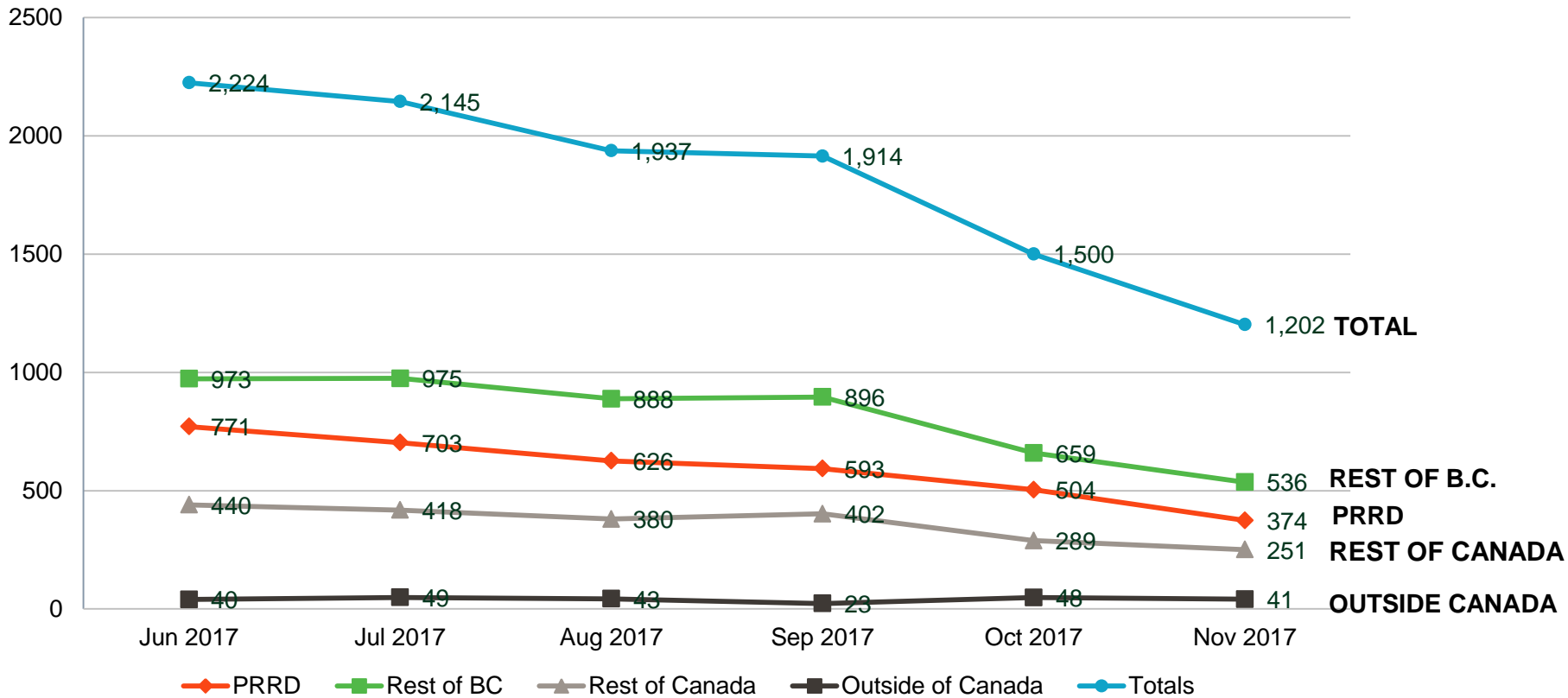
Site C jobs snapshot

Site C Employment Statistics – November 2017		
	# of Total Workers	# of PRRD Workers
Construction and Non-Construction Contractors ¹ <i>Excludes work performed outside of B.C. (e.g. manufacturing)</i>	1,202	PRHP: 191 ATCO: 61 Other: 122 Total: 374
Engineers and Project Team ² <i>(engineering, consulting and project staff)</i>	479	
Total Workforce	1,681	

1. Includes work performed on Site C dam site, transmission corridor, reservoir clearing area, public roadwork, worker accommodation and services.
2. Project Team includes consultants, BC Hydro Construction Management and other offsite Site C project staff. An estimate is provided where possible if primary residency is not given.

Site C jobs snapshot

June 2017 - November 2017
 Site C Construction and Non-Construction Contractors
 By Primary Residency



2017 Q4 Regional Business Participation

Companies engaged by Site C contractors to provide goods & services in relation to Site C construction

Community	Number of Businesses
Baldonnel	1
Cecil Lake	1
Charlie Lake	11
Chetwynd	15
Dawson Creek	21
Fort Nelson	1
Fort St. John	248
Moberly Lake	1
PRRD	1
Prince George	26
Rose Prairie	1
Taylor	4
Tumbler Ridge	2
Wonowon	1
Total	334

PRRD businesses provide a range of services:

- Equipment rentals and sales
- Vehicle rentals
- Office supplies
- Accommodation and hospitality
- Safety and first aid services
- General contracting
- Trucking



BC Hydro

Power smart