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Image: BCER and Doig River First Nation staff survey the water level during a trip to the Osborn River hydrometric monitoring station in northeast B.C.

# **Our Role**

The British Columbia Energy Regulator (BCER) oversees the full life cycle of energy resource activities in B.C., from site planning to final restoration. Our role includes the regulation of natural gas, oil, hydrogen, ammonia, methanol and renewable energy sources such as geothermal, solar and wind power.

Our authority is established by way of the Energy Resource Activities Act (ERAA) and additional legislation related to heritage conservation, roads, land and water use, forestry, and other natural resources. We work to ensure industry compliance with provincial legislation to protect public safety and the environment, support reconciliation with Indigenous peoples, conserve energy resources and foster a sound economy and social wellbeing.

Our employees work out of seven locations to ensure our presence near energy resource activities: Fort Nelson, Fort St. John, Dawson Creek, Terrace, Prince George, Kelowna and Victoria.

We acknowledge and respect the many First Nations, each with unique cultures, languages, legal traditions and relationships to the land and water, on whose territories the BCER's work spans.

# **Vision**

A resilient
energy future where
B.C.'s energy resource
activities are safe,
environmentally
leading and socially
responsible.

# **Mission**

We regulate the life cycle of energy resource activities in B.C., from site planning to restoration, ensuring activities are undertaken in a manner that:

- Protects public safety and the environment
- Supports reconciliation with Indigenous peoples and the transition to low-carbon energy
- Conserves energy resources
  - Fosters a sound economy and social well-being

# **Values**

Respect is our commitment to listen, accept and value diverse perspectives.

Integrity is our commitment to the principles of fairness, trust and accountability.

Transparency is our commitment to be open and provide clear information on decisions, operations and actions.

Innovation is our commitment to learn, adapt, act and grow.

Responsiveness is our commitment to listening and timely and meaningful action.

# **How Water is Used and Accessed**

### **Water Use**

Water is used for various purposes in the oil and gas industry, such as:



Hydraulic fracturing



Seismic or geophysical exploration



Drilling



Machine washing



**Dust control** 



Water floods (enhances oil recovery)



Ice road freezing



Hydrostatic testing of pipelines

### **Water Access**

There are different ways the oil and gas industry may access water in British Columbia. Some methods are managed through provincial legislation, including:

- Water licences issued under section 9 of the Water Sustainability Act (WSA) for surface and groundwater. BCER staff designated as Regional Water Managers have the authority to issue and administer long-term water licences.
- Short-term surface water use or diversion approvals issued under section 10 of the WSA. Short-term water use is administered by the BCER.
- Water source wells authorized by the BCER under ERAA are wells where water is withdrawn for injection into underground formations to enhance oil recovery and for use in hydraulic fracturing of natural gas wells.
- Flowback water that returns to the surface after being injected for hydraulic fracturing.
- Produced water that flows to the surface as a by-product of oil and gas production.

# Industry may also access water by other means:

Private agreements can be made with landowners who have a source of surface water supply such as a dugout or groundwater well. In some cases, private agreements may require a Waterworks water licence under the WSA.

# Oil and Gas Activity Water Use: Short-term Approvals & Long-Term Licences

#### **Short-Term Water Use**

During April to June there were 253 water use approvals in place, representing 385 withdrawal locations, held by 25 companies (Table 1).

The total water volume available for use by short-term approvals active on the last day of June was 32,424,058 m<sup>3</sup>.

A total of 243,654 m<sup>3</sup> was reported as withdrawn during the first half of 2025.

# **Long-Term Water Use**

During April to June there were 118 active oil and gas related water licences, representing 134 withdrawal locations, held by 39 companies (Table 2).

The total annual volume available for use by water licences was 80,582,312 m<sup>3</sup>.

A total of 2,636,962 m<sup>3</sup> was reported as withdrawn during the first half of 2025.

TABLE 1 - SHORT-TERM		
APPROVALS AND USE IN 2025	End of Q1	End of Q2
Companies with Active Approvals	30	25
Active Approvals	229	253
Approved Withdrawal Locations	522	385
Volume Available for Use (m³)	37,419,698	32,424,058
Cumulative Volume Reported Withdrawn (m³)	*92,106	243,654

<sup>\*</sup>Retroactive correction: After publication of the <u>2025 Q1 data</u>, a retroactive submission for short-term water use data outside of northeast B.C. (south coast) was received, resulting in an increase of 1,365 m<sup>3</sup>.

TABLE 2 - LONG-TERM		
WATER LICENCES AND USE IN 2025	End of Q1	End of Q2
Companies with Active Water Licences	39	39
Active Water Licences	119	118
Licenced Withdrawal Locations	135	134
Annual Volume Available for Use (m³)	80,591,300	80,582,312
Cumulative Volume Reported Withdrawn (m <sup>3</sup> )	727,170	2,636,962

A break down of short-term approvals and water licence use by BCER Water Management Basin is listed in Table 4 on page 8.

# Oil and Gas Related Water Licences

Table 3: Licences that Withdrew Water from April to June 2025

LICENCE #	LICENCEE	COLIDCE	BCER WATER	ANNUAL (m3/VP)	WATER
LICENCE #	LICENCEE	SOURCE	MGMT BASIN	APPROVAL (m³/YR)	USE (m³)
C112155	Whitecap Resources Inc.	Peace River	Lower Peace River	1,825,000	52,050
C133847	Petronas Energy Canada Ltd.	Unnamed Spring & Stream	Cameron River	7,374	276
C134054	Tourmaline Oil Corp.	Beatton River Intake	<b>Upper Beatton River</b>	780,000	95,553
C124093	Petronas Energy Canada Ltd.	Tributary of Grewatsch Creek	Upper Beatton River	54,368	726
C134104	Petronas Energy Canada Ltd.	Unnamed Stream	Lower Halfway River	50,235	308
C134107	Petronas Energy Canada Ltd.	Unnamed Stream	Cameron River	57,582	260
C134111	Petronas Energy Canada Ltd.	Unnamed Stream	Upper Beatton River	49,588	72
C134283	Ovintiv Canada ULC	Kiskatinaw River	Lower Kiskatinaw Ri	ver 1,000,000	491,105
C134447	Murphy Oil Company Ltd.	Kiskatinaw River	Middle Kiskatinaw R	iver 600,000	202,112
C134469	ConocoPhillips Canada	Halfway River	Lower Halfway River	3,650,000	275,127
C500172	Secure Waste Infrastructure	Aquifer 634	Lower Peace River	36,500	1,508
	Corp.				
C500226	Veresen Energy Pipeline Inc.	Aquifer 621	Smoky River	5,500	1,038
C500345	Ovintiv Canada ULC.	Unnamed Stream near Coal Creek	Lower Kiskatinaw Ri	ver 102,100	3,626
C500453	Kelt Exploration (LNG) Ltd.	Aquifer 451	Cache Creek	160,235	27,356
C500662	ARC Resources Ltd.	Kiskatinaw River	Lower Kiskatinaw Ri	ver 1,100,000	88,638
C501028	Ovintiv Canada ULC.	Dawson Creek Aquifer	Pouce Coupe River	168,200	16,218
C501076	Ovintiv Canada ULC.	Bissette & Dawson Creek Aquifers	Pouce Coupe River	482,000	5,983
C501120	Canlin Energy Corp.	FSJ Aquifer	Upper Beatton River	*	90
C501270	Black Swan Energy Ltd.	FSJ Aquifer	Upper Beatton River	6,570	1,931
C501398	Umbrella Oilfield Ltd.	Chrissy Creek/FSJ Aquifers	Cameron River	150,000	16,502
C501477	TAQA North Ltd.	FSJ Aquifer	Middle Beatton Rive	r 1,095	45
C501578	Ovintiv Canada ULC	Aquifer 593	Lower Kiskatinaw Ri	ver 120,000	56,320
C501672	ConocoPhillips Canada	Aquifer 451	Cache Creek	49,750	4
C501766	T. Hartnell Enterprises Ltd.	Aquifer 633	Lower Kiskatinaw Ri	ver 100,000	2,051
C501865	Boundry Lake Sand & Gravel	FSJ Aquifer	Lower Peace River	10,950	723
C502299	ARC Resources Ltd.	Halfway River	Lower Halfway River	1,250,000	98,053
C502343	Canadian Natural Resources	Beatton River	<b>Upper Beatton River</b>	250,000	96,895
	Ltd. (CNRL)				
C502448	CNRL	Dawson Creek Bedrock	Murray River	5,475	165

At the end of June, water used by industry in northeast B.C. by way of licence was a fraction of a per cent (0.002%) of the average runoff replenished annually in northeast B.C.

For more detailed information on water source locations, email us at Communications@bc-er.ca.



			BCER WATER	ANNUAL	WATER
LICENCE #	LICENCEE	SOURCE	MGMT BASIN	APPROVAL (m³/YR)	USE (m³)
C502452	CNRL	FSJ Aquifer	Kahntah River	3,650	18
C502455	CNRL	Dawson Creek Aquifer	Smoky River	1,095	647
C502462	CNRL	FSJ Aquifer	Kahntah River	7,300	809
C502467	CNRL	FSJ Aquifer	Upper Beatton River	3,650	95
C502795	CNRL	Aquifer 451	Blueberry River	3,650	404
C502824	FortisBC Energy Inc.	Aquifer 399/Howe Sound	Outside NEBC	584,000	4,844
C502900	Pineview Trucking &	Aquifer near Parsnip River	Outside NEBC	98,550	2,679
	Excavating Ltd.				
C502957	Time Travel Services Ltd.	Aquifer 928	Upper Peace River	10,000	4,398
C503048	Albright Flush Systems	Aquifer 451	Cache Creek	2,920	728
C503155	Inga Water Source Ltd.	Aquifer 451	Cache Creek	76,285	12,540
C503382	Dennis and April Davis	Aquifer 451	Lower Beatton River	20,730	4
C504235	LNG Canada Development	Kitimat River	Outside NEBC	44,493,500	196,798
C505044	LNG Canada Development	Kitimat River	Outside NEBC	1,496,500	82,694
C505065	Paden Sheldon	FSJ Bedrock	Blueberry River	240,000	54,600
C505249	ConocoPhillips Canada	Aquifer 932	Cameron River	23,725	2,464
C500355	Ovintiv Canada ULC	Dugout near Eight Mile Creek	Lower Peace River	90,000	2,480
C503023	Whitetail Dream Ranch	FSJ Aquifers	Blueberry River	231,410	6,773
C503530	NorthRiver Midstream Energy	Aquifer 850	Middle Kiskatinaw Rive	er 9,855	1,806
C503536	NorthRiver Midstream Energy	Aquifer 622	Pouce Coupe River	9,855	266

Apr-Jun (Q2) Total Licenced Water Use: 1,909,790 m<sup>3</sup>

# TABLE 4 - SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND GAS ACTIVITIES IN 2025,

## OIL AND GAS RELATED SHORT-TERM WATER USE APPROVALS - SECTION 10

## **OIL AND GAS RELATED WATER LICENCES - SECTION 9**

ORGANIZED BY BCER WATER MANAGEMENT BASIN (Page 1 of 4)	NUMBER OF APPROVED		TOTAL VOLUME APPROVED AS %	TOTAL VOLUME	TOTAL VOLUME WITHDRAWN AS % OF MEAN	NUMBER O	TOTAL VOLUME	TOTAL VOLUME LICENCED AS % OF MEAN	TOTAL VOLUME	TOTAL VOLUME WITHDRAWN AS % OF MEAN	MEAN
MAJOR and Sub-Basin Name	WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³)	OF MEAN ANNUAL RUNOFF	WITHDRAWN IN 2025 (m <sup>3</sup> )	ANNUAL RUNOFF	WITHDRAWA LOCATIONS	L LICENCED	ANNUAL RUNOFF	WITHDRAWN IN 2025 (m <sup>3</sup> )	ANNUAL RUNOFF	RUNOFF (m³)
BEATTON RIVER (sub-basin of Peace River)											
Upper Beatton River	14	135,384	0.027%	214	0.000%	19	2,355,519	0.472%	197,998	0.040%	499,408,440
Middle Beatton River	0	0	0.000%	0	0.000%	1	1,095	0.000%	91	0.000%	249,152,995
Middle Beatton Total (incl. Upper Beatton)	14	135,384	0.018%	214	0.000%	20	2,356,614	0.315%	198,089	0.026%	748,561,435
Milligan Creek	4	24,000	0.013%	0	0.000%	6	235,425	0.123%	0	0.000%	191,536,686
Blueberry River	7	295,022	0.101%	1,625	0.001%	9	1,418,500	0.484%	63,526	0.022%	293,278,540
Doig River	1	2,000	0.001%	0	0.000%	1	51,100	0.016%	0	0.000%	323,069,523
Lower Beatton River	19	822,980	0.595%	16,208	0.012%	2	414,730	0.300%	0	0.000%	138,262,629
BEATTON TOTAL	45	1,279,386	0.075%	18,047	0.001%	38	4,476,369	0.264%	261,620	0.015%	1,694,708,813
HALFWAY RIVER (sub-basin of Peace River)											
Chowade River	0					0					327,027,527
Upper Halfway River	1	500,000	0.063%	0	0.000%	1	72,000	0.009%	0	0.000%	795,962,409
Upper Halfway Total (includes Chowade)	1	500,000	0.045%	0	0.000%	1	72,000	0.006%	0	0.000%	1,122,989,936
Graham River	2	8,400	0.001%			0					860,627,172
Cameron River	10	962,667	0.430%	51,624	0.023%	29	1,345,206	0.601%	28,531	0.013%	223,679,567
Lower Halfway River	5	2,521,052	1.664%	22,703	0.015%	9	5,448,688	3.596%	548,002	0.362%	151,526,991
HALFWAY TOTAL	18	3,992,119	0.169%	74,327	0.003%	39	6,865,894	0.291%	576,533	0.024%	2,358,823,666
MOBERLY RIVER (sub-basin of Peace River)											
Moberly River	0					0					391,714,995
MOBERLY TOTAL	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	391,714,995
PINE RIVER (sub-basin of Peace River)											
Burnt River	0					0					737,930,022
Sukunka River	0					0					1,047,282,572
Sukunka River Total (includes Burnt)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	1,785,212,594
Upper Pine River	1	18,000	0.001%	0	0.000%	0					1,466,884,035
Murray River	3	20,922	0.001%	0	0.000%	1	5,475	0.000%	270	0.000%	2,698,285,017
Lower Pine River	20	1,086,658	0.790%	1,926	0.001%	1	650,000	0.472%	173,412	0.126%	137,619,889
PINE TOTAL	24	1,125,580	0.018%	1,926	0.000%	2	655,475	0.011%	173,682	0.003%	6,088,001,535

SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND	OIL AND GA
GAS ACTIVITIES IN 2025, ORGANIZED BY BCER WATER	

## OIL AND GAS RELATED SHORT-TERM WATER USE APPROVALS - SECTION 10

### OIL AND GAS RELATED WATER LICENCES - SECTION 9

GAS ACTIVITIES IN 2025, ORGANIZED BY BCER WATER MANAGEMENT BASIN (Page 2 of 4)	NUMBER OF APPROVED		TOTAL VOLUME APPROVED AS %	TOTAL VOLUME	TOTAL VOLUME WITHDRAWN AS % OF MEAN	NUMBER OF LICENCED	TOTAL VOLUME	TOTAL VOLUME LICENCED AS % OF MEAN	TOTAL VOLUME	TOTAL VOLUM WITHDRAWN AS % of MEA	I MEAN
MAJOR and Sub-Basin Name	WITHDRAWAL LOCATIONS	TOTAL VOLUME	OF MEAN ANNUAL RUNOFF	WITHDRAWN IN 2025 (m <sup>3</sup> )	ANNUAL RUNOFF	WITHDRAWA LOCATIONS	L LICENCED	ANNUAL RUNOFF	WITHDRAWN IN 2025 (m <sup>3</sup> )	ANNUAL RUNOFF	RUNOFF (m³)
KISKATINAW RIVER (sub-basin of Peace River)											
West Kiskatinaw River	0					0					117,515,115
East Kiskatinaw River	0					0					105,452,962
Middle Kiskatinaw River	9	139,094	0.247%	2,996	0.005%	2	609,855	1.082%	205,574	0.365%	56,347,972
Middle Kiskatinaw Total (incl. West & East)	9	139,094	0.050%	2,996	0.001%	2	609,855	0.218%	205,574	0.074%	279,316,049
Lower Kiskatinaw River	31	5,911,256	6.593%	25,034	0.028%	12	3,223,317	3.595%	642,174	0.716%	89,659,847
KISKATINAW TOTAL	40	6,050,350	1.640%	28,030	0.008%	14	3,833,172	1.039%	847,748	0.230%	368,975,896
PEACE RIVER											
Peace Arm	0					3	9,125,000	N/A	0	N/A	N/A
Upper Peace River	1	590,000	0.002%	0	0.000%	1	10,000	0.000%	8,306	0.000%	36,423,413,429
Lynx Creek	0					0					30,436,635
Farrell Creek	1	79,600	0.087%	3,283	0.004%	0					91,018,843
Cache Creek	0					8	677,605	0.908%	51,747	0.069%	74,603,546
Pouce Coupe River	15	585,756	0.229%	3,268	0.001%	4	860,055	0.336%	30,349	0.012%	255,686,202
Lower Peace River	25	9,542,096	8.336%	5,050	0.004%	8	4,204,919	3.673%	191,259	0.167%	114,470,012
PEACE TOTAL (incl. Kisk/Pine/Moberly/Half/Beatton)	169	23,244,887	0.049%	133,931	0.000%	117 3	30,708,489	0.064%	2,141,244	0.004%	47,891,853,572
SMOKY RIVER											,
Smoky River	3	27,000	0.001%			2	6,595	0.000%	3,123	0.000%	2,669,506,123
SMOKY TOTAL	3	27,000	0.001%	0	0.000%	2	6,595	0.000%	3,123	0.000%	2,669,506,123
MUSKWA RIVER (sub-basin of Fort Nelson River)											,
Upper Muskwa River	0					0					1,725,201,511
Middle Muskwa River	0					0					1,973,711,816
Middle Muskwa Total (incl. Upper Muskwa)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	3,698,913,327
Lower Muskwa River	0					0					646,841,560
MUSKWA TOTAL	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	4,345,754,887
PROPHET RIVER (sub-basin of Fort Nelson River)											
Upper Prophet River	0					1	36,593	0.002%	0	0.000%	1,470,271,289
Middle Prophet River	0	0	0.000%	419	0.000%	0					621,428,680
Middle Prophet Total (incl. Upper Prophet)	0	0	0.000%	419	0.000%	1	36,593	0.002%	0	0.000%	2,091,699,969
Lower Prophet River	0					0					272,262,427
PROPHET TOTAL	0	0	0.000%	419	0.000%	1	36,593	0.002%	0	0.000%	2,363,962,396

Table: pg 2 of 4

SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND	OIL AND	GAS RELATED SE	IORT-TERM WATER	<b>USE APPROVAL</b>	S - SECTION 10	OIL AND GAS RELATED WATER LICENCES - SECTION 9							
MAJOR and WIT	NUMBER OF APPROVED WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³)	TOTAL VOLUME APPROVED AS % OF MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2025 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	NUMBER O LICENCED WITHDRAW, LOCATIONS	VOLUME AL LICENCED	TOTAL VOLUME LICENCED AS % OF MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2025 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	MEAN		
SIKANNI CHIEF RIVER (sub-basin of Fort Nelson River)													
Upper Sikanni Chief River	4	50,000	0.006%	0	0.000%	3	3,117,689	0.386%	22,323	0.003%	807,771,692		
Middle Sikanni Chief River	20	282,272	0.030%	4,936	0.001%	4	29,203	0.003%	0	0.000%	949,755,794		
Middle Sikanni Chief Total (incl. Upper Sikanni)	24	332,272	0.019%	4,936	0.001%	7	3,146,892	0.179%	22,323	0.001%	1,757,527,486		
Lower Sikanni Chief	1	4,000	0.000%	0	0.000%	0					875,678,142		
SIKANNI CHIEF TOTAL	25	336,272	0.013%	4,936	0.000%	7	3,146,892	0.120%	22,323	0.001%	2,633,205,628		
FORT NELSON RIVER													
Kahntah River	14	81,800	0.020%	0	0.000%	2	10,950	0.003%	1,577	0.000%	400,582,903		
Fontas River	0					0					591,531,903		
Fontas Total (includes Kahntah)	14	81,800	0.008%	0	0.000%	2	10,950	0.001%	1,577	0.000%	992,114,806		
Klua Creek	4	20,000	0.005%	970	0.000%	0					402,135,448		
Upper Fort Nelson River	0					0					276,181,026		
Upper Fort Nelson Total (incl. Sikanni Chief Tota	l, 43	438,072	0.010%	5,906	0.000%	9	3,157,842	0.073%	23,900	0.001%	4,303,636,908		
Kahntah, Fontas, Klua)													
Snake River	0					0					310,763,522		
Sahtaneh River	5	24,500	0.005%	926	0.000%	0					474,904,729		
Middle Fort Nelson River	0					0					515,348,901		
Middle Ft Nelson Total (incl. Upper Ft. Nelson total,	48	462,572	0.004%	7,251	0.000%	10	3,194,435	0.026%	23,900	0.000%	12,314,371,343		
Muskwa Total, Prophet Total, Snake, Sahtaneh)													
Kiwigana River	2	6,300	0.001%	1,677	0.000%	0					441,657,543		
Lower Fort Nelson River	7	82,000	0.026%	0	0.000%	0					312,768,938		
FORT NELSON TOTAL	57	550,872	0.004%	8,928	0.000%	10	3,194,435	0.024%	23,900	0.000%	13,068,797,824		
LIARD RIVER													
Muncho River	0					0					551,551,360		
Upper Liard River	0					0					33,125,817,465		
Upper Liard Total (incl. Muncho)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	33,677,368,825		
Grayling River	0					0					630,833,914		
Upper Toad River	0					0					1,521,055,576		
Racing River	0					0					1,488,336,681		
Lower Toad River	0					0					419,472,722		
Beaver River	0					0					10,862,659,426		
Middle Liard River	0					0					463,652,312		

SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND	OIL A	ND GAS RELATED S	SHORT-TERM WATE	R USE APPROV	ALS - SECTION 10	OIL AND GAS RELATED WATER LICENCES - SECTION 9						
GAS ACTIVITIES IN 2025, ORGANIZED BY BCER WATER MANAGEMENT BASIN (Page 4 of 4)	NUMBER OF APPROVED		TOTAL VOLUME APPROVED AS %	TOTAL VOLUME	TOTAL VOLUME WITHDRAWN AS % OF MEAN	NUMBER LICENC		TOTAL VOLUME LICENCED AS % OF MEAN	TOTAL VOLUME	TOTAL VOLUME WITHDRAWN AS % OF MEAN	MEAN	
MAJOR and Sub-Basin Name	WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³)	OF MEAN ANNUAL RUNOFF	WITHDRAWN IN 2025 (m <sup>3</sup> )	ANNUAL RUNOFF	WITHDRA LOCATIO	WAL LICENCED	ANNUAL RUNOFF	WITHDRAWN IN 2025 (m <sup>3</sup> )	ANNUAL RUNOFF	RUNOFF (m³)	
LIARD RIVER con't												
Middle Liard Total (incl. Upper Liard Total, Grayling,	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	49,063,379,456	
Upper Toad, Racing, Lower Toad, Beaver)												
Capot-Blanc Creek	5	44,000	0.024%	0	0.000%	0					183,879,851	
Dunedin River	0					0					820,464,167	
Lower Liard River	8	129,000	0.010%	1,596	0.000%	0					1,236,634,664	
LIARD TOTAL (incl. Fort Nelson)	70	723,872	0.001%	10,524	0.000%	10	3,194,435	0.005%	23,900	0.000%	64,373,155,962	
PETITOT RIVER												
Sahdoanah River	2	18,000	0.007%	1,058	0.000%	0					252,625,362	
Upper Petitot River	11	83,000	0.006%	1,821	0.000%	0					1,476,579,488	
Tsea River	2	31,810	0.007%	472	0.000%	0					434,062,484	
Middle Petitot River	2	28,000	0.004%	884	0.000%	0					698,562,753	
Middle Petitot Total (incl. Sahdoanah,	17	160,810	0.006%	4,235	0.000%	0	0	0.000%	0	0.000%	2,861,830,087	
Upper Petitot, Tsea)												
Lower Petitot River	1	1,000	0.000%	228	0.000%	0					904,314,069	
PETITOT TOTAL	18	161,810	0.004%	4,463	0.000%	0	0	0.000%	0	0.000%	3,766,144,156	
HAY RIVER												
Upper Kotcho River	4	20,000	0.006%	0	0.000%	0					311,519,217	
Kyklo River	0					0					145,897,691	
Shekilie River	22	292,400	0.065%	189	0.000%	0					450,747,494	
Lower Kotcho River	0					0					311,519,217	
Lower Kotcho Total (includes Upper Kotcho, Kyklo, Shekilie)	26	312,400	0.026%	189	0.000%	0	0	0.000%	0	0.000%	1,219,683,619	
Hay River	22	140,000	0.026%	10,166	0.002%	0					538,672,352	
HAY TOTAL	48	452,400	0.026%	10,355	0.001%	0	0	0.000%	0	0.000%	1,758,355,971	
CHINCHAGA RIVER											-	
Chinchaga River	0					0					109,492,680	
CHINCHAGA TOTAL	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	109,492,680	
NORTHEAST B.C. TOTAL	308	24,609,969	0.020%	159,273	0.000%	129	33,909,519	0.028%	2,168,267	0.002%	120,568,508,464	
Outside Northeast B.C.	77	7,814,089	N/A	84,381	N/A	5	46,672,793	N/A	468,695	N/A	N/A	
B.C. TOTAL	385	32,424,058	N/A	243,654	N/A	134	80,582,312	N/A	2,636,962	N/A	N/A	



# PREVIOUS REPORTS

Annual water reports and quarterly updates are available on the BCER website at <a href="https://bcer.ca/data-reports">bc-er.ca/data-reports</a>.

For questions regarding this report or for digital data files, please contact <u>Communications@bc-er.ca</u>.



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