Quarterly Oil and Gas BCOIL & Gas COMMISSION Water Management Summary



Second Quarter 2020 (Apr - Jun)



PURPOSE

This *Quarterly Oil and Gas Water Management Summary* presents short-term water use and water licence data from the Q2 April to June 2020 period.

Previous annual water use reports and quarterly water management summaries are available on the BC Oil and Gas Commission website at www.bcogc.ca.

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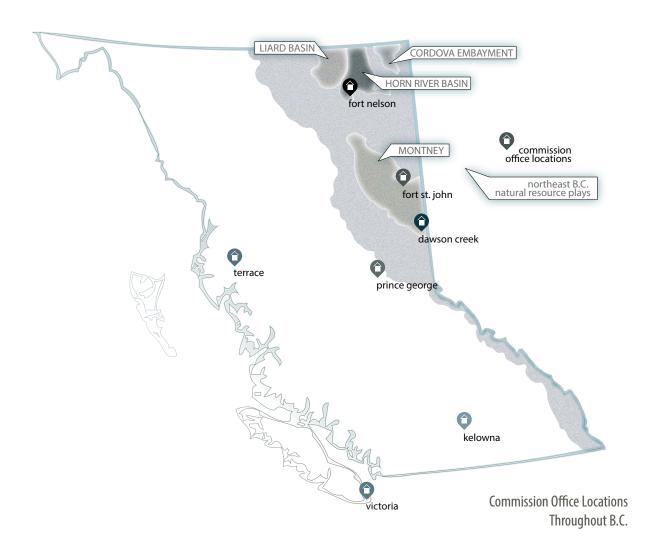
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BC OIL AND GAS COMMISSION

he <u>BC Oil and Gas Commission</u> (Commission) is the provincial regulatory agency with responsibilities for regulating oil and gas activities in British Columbia, including exploration, development, pipeline transportation and reclamation.

The Commission's core services include reviewing and assessing applications for industry activity, consulting with First Nations, cooperating with partner agencies, and ensuring industry complies with provincial legislation and all regulatory requirements. The public interest is protected by ensuring public safety, respecting those affected by oil and gas activities, conserving the environment, and ensuring equitable participation in production.

The Commission is responsible for reviewing, assessing, and making decisions on water authorizations from both surface and subsurface water sources. The Commission has the expertise and tools to make informed water allocation decisions, and protecting and maintaining environmental and community water needs are its first priorities.



HOW WATER IS USED

Water is used for various purposes in the oil and gas industry.



The largest use of water for oil and gas activities is for hydraulic fracturing.

However, water is used for other purposes, such as:



Seismic or geophysical exploration



Drilling



Machine washing



Dust control



Water floods (to enhance oil recovery)



Ice road freezing



Hydrostatic testing of pipelines

HOW WATER IS ACCESSED

here 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 the Water Sustainability Act (WSA) for surface and groundwater. The Commission has staff designated as Regional Water Managers with authority for issuing and administering 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 Commission.
- Water source wells authorized by the Commission under the Oil and Gas
 Activities Act (OGAA). Water source wells are a specific type of well where the water
 withdrawn is intended for injection into an underground formation to enhance oil or
 natural gas recovery.
- 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.

The oil and gas industry can access water by means outside of regulatory oversight:



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

SHORT-TERM WATER APPROVAL AND USE

During April to June of 2020, there were 273 short-term water use approvals in place, representing 768 withdrawal locations, held by 44 companies (Table 1).

The total water volume associated with short-term approvals active on the last day of the second quarter was 14,404,277 m³.

A total of 314,341 m³ was reported as withdrawn by oil and gas operators during the first six months of 2020.

TABLE 1	- SUMMARY OF SHORT-TERM APPROVAL AND USE FO	R	
OIL AND	GAS ACTIVITIES FROM JANUARY TO JUNE 2020	Q1	Q2
	Companies with Active Approvals	49	44
	Active Approvals	254	273
SHORT- TERM	Approved Withdrawal locations	734	768
ILMIVI	Volume Available for Use (m³)	13,053,459	14,404,277
	Cumulative Volume Reported Withdrawn (m³)	192,525	314,341

A break-down of short-term water approval and use by OGC Water Management Basin is listed in Table 4.

LONG-TERM WATER LICENCES AND USE

In the second quarter of 2020, there were 95 active oil and gas related water licences, representing 100 withdrawal locations, held by 26 companies (Table 2).

The total annual volume available for use for water licences was 30,687,608 m³.

A total of 1,627,775 m³ of licenced water was reported withdrawn during the first six months of 2020. Companies with active licences in Q2 are listed in Table 3.

TABLE 2 - SUMMARY OF WATER LICENCE AND USE FOR OIL AND GAS ACTIVITIES FROM JANUARY TO JUNE 2020 Q1 Q2									
ACTIVITIE	3 FROM JANUARY TO JUNE 2020	Ų I							
	Companies with Active Water Licences	23	26						
WATER	Active Water Licences	90	95						
LICENCE	Licenced Withdrawal Locations	95	100						
LICLIVEL	Annual Volume Available for Use for Water Licences (m ³)	30,383,754	30,687,608						
	Cumulative Volume Reported Withdrawn (m³)	621,868	1,628,382						

A break-down of water licence allocation and use by OGC Water Management Basin is listed in Table 4.

TABLE 3: OIL AND GAS RELATED WATER LICENCES THAT WITHDREW WATER FROM APRIL TO JUNE 2020

LICENCE #	LICENCEE	SOURCE	OGC WATER MGMT BASIN	ANNUAL APPROVAL (m³/YR)	2019 WATER USE (m³/YR)
C112155	Whitecap Resources Inc.	Peace River	Lower Peace River	1,825,000	144,247
C132688	Canadian Natural	Charlie Lake	Lower Beatton River	394,000	708
	Resources Limited (CNRL)			,	
C133155	Pacific Canbriam Energy	Williston Lake	Peace Arm	3,650,000	36,153
C133847	Petronas Energy Canada	Unnamed Aquifer	Cameron River	7,374	2,770
C134093	Petronas Energy Canada	Grewatsch Creek Tributary	Upper Beatton River	54,368	1,288
C134104	Petronas Energy Canada	Unnamed Stream	Lower Halfway River	50,235	884
C134283	Ovintiv Canada ULC	Kiskatinaw River	Lower Kiskatinaw River	1,000,000	157,381
C134369	Saguaro Resources Ltd.	Beatton River	Upper Beatton River	750,000	12,435
C134469	ConocoPhilliips Canada	Halfway River	Lower Halfway River	3,650,000	352,865
C134471	Petronas Energy Canada	Sikanni Chief River	Upper Sikanni Chief	2,993,000	172,961
C500172	Tervita Corporation	Aquifer 634	Lower Peace River	36,500	2,154
C500226	Veresen Energy Pipeline	Aquifer 621	Smoky River	5,500	1,039
C500334	Petronas Energy Canada	FSJ Aquifer	Upper Beatton River	29,161	156
C500449	Kelt Exploration Ltd.	Aquifer 451	Cache Creek	146,000	8,541
C500453	Kelt Exploration Ltd.	Aquifer 451	Cache Creek	160,235	9,549
C500662	ARC Resources Ltd.	Kiskatinaw River	Lower Kiskatinaw River	1,100,000	43,717
C501076	Ovintiv Canada ULC	Bissette/Dawson Ck Aquifer	Pouce Coupe River	482,000	32,521
C501120	Canlin Energy Corp.	FSJ Aquifer	Upper Beatton River	1,825	88
C501135	CNRL	Aquifer 451	Blueberry River	1,825	266
C501206	CNRL	Dawson Creek Bedrock	Murray River	730	470
C501207	CNRL	FSJ Aquifer	Kahntah River	2,555	769
C501210	CNRL	FSJ Aquifer	Kahntah River	365	93
C501211	CNRL	FSJ Aquifer	Upper Beatton River	730	68
C501212	CNRL	Dawson Creek Aquifer	Smoky River	1,095	367
C501357	Pineview Trucking/Excav.	Unnamed Aquifer	Parsnip River (Outside NEB	C) 98,550	372
C501398	Umbrella Oilfield Ltd.	Chrissy Creek/FSJ Aquifer	Cameron River	150,000	7,343
C501566	Kelt Exploration Ltd.	Aquifer 451	Cache Creek	36,245	2,275
C501672	Kelt Exploration Ltd.	Aquifer 451	Cache Creek	49,750	1,607
C501773	Black Swan Energy Ltd.	FSJ Aquifer	Upper Beatton River	19,710	151
C501791	CNRL	Aquifer 931	Milligan Creek	36,500	3,311
C501793	CNRL	Aquifer 931	Milligan Creek	36,500	2,913
C501794	CNRL	Aquifer 931	Milligan Creek	51,100	4,067
C501797	CNRL	Aquifer 931	Lower Beatton River	23,725	2,978

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

OIL AND GAS RELATED WATER LICENCES - SECTION 9

ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 1 of 4) MAJOR and Sub-Basin Name	NUMBER OF APPROVED WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³)	TOTAL VOLUME APPROVED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2020 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	NUMBER O LICENCED WITHDRAW LOCATION	VOLUME AL LICENCED	TOTAL VOLUME LICENCED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2020 (m³)	TOTAL VOLUME WITHDRAWN as % of MEAN ANNUAL RUNOFF	MEAN ANNUAL RUNOFF (m³)
BEATTON RIVER (sub-basin of Peace River)											
Upper Beatton River	12	236,810	0.047%	12,435	0.002%	18	2,102,599	0.421%	15,118	0.003%	499,408,440
Middle Beatton River	1	18,000	0.007%	0	0.000%	1	1,095	0.000%	60	0.000%	249,152,995
Middle Beatton Total (incl. Upper Beatton)	13	254,810	0.034%	12,435	0.002%	19	2,103,694	0.281%	15,178	0.002%	748,561,435
Milligan Creek	8	118,000	0.062%	2,380	0.001%	5	211,700	0.111%	21,867	0.011%	191,536,686
Blueberry River	42	1,580,122	0.539%	73,461	0.025%	4	197,100	0.067%	556	0.000%	293,278,540
Doig River	11	93,000	0.029%	306	0.000%	1	51,100	0.016%	0	0.000%	323,069,523
Lower Beatton River	26	179,738	0.130%	0	0.000%	2	417,725	0.302%	14,762	0.010%	138,262,629
BEATTON TOTAL	100	2,225,670	0.131%	88,582	0.005%	31	2,981,319	0.176%	52,363	0.003%	1,694,708,813
HALFWAY RIVER (sub-basin of Peace River)											
Chowade River	0					0					327,027,527
Upper Halfway River	0					0					795,962,409
Upper Halfway Total (includes Chowade)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	1,122,989,936
Graham River	2	3,450	0.000%	0	0.000%	0					860,627,172
Cameron River	38	1,003,168	0.448%	62,990	0.028%	17	929,629	0.416%	10,248	0.005%	223,679,567
Lower Halfway River	15	931,663	0.615%	4,012	0.003%	7	3,838,688	2.533%	592,860	0.391%	151,526,991
HALFWAY TOTAL	55	1,938,281	0.082%	67,002	0.003%	24	4,768,317	0.202%	603,108	0.026%	2,358,823,666
MOBERLY RIVER (sub-basin of Peace River)											
Moberly River	5	55,631	0.014%	18	0.000%	0					391,714,995
MOBERLY TOTAL	5	55,631	0.014%	18	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	6	100,000	0.010%	0	0.000%	0					1,047,282,572
Sukunka River Total (includes Burnt)	6	100,000	0.006%	0	0.000%	0	0	0.000%	0	0.000%	1,785,212,594
Upper Pine River	1	500	0.000%	0	0.000%	0					1,466,884,035
Murray River	5	58,850	0.002%	0	0.000%	1	730	0.000%	779	0.000%	2,698,285,017
Lower Pine River	32	553,907	0.402%	1,043	0.001%	1	650,000	0.472%	0	0.000%	137,619,889
PINE TOTAL	44	713,257	0.012%	1,043	0.000%	2	650,730	0.011%	779	0.000%	6,088,001,535

SUMMARY	OF WATER ALLOCATION AND USE FOR OIL AND
GAS ACTIV	TIES IN 2020, ORGANIZED BY OGC WATER
MANACEM	INT RACIN (Page 2 of 4)

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

OIL AND GAS RELATED WATER LICENCES - SECTION 9

GAS ACTIVITIES IN 2020, ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 2 of 4) MAJOR and	NUMBER OF APPROVED WITHDRAWAL	TOTAL VOLUME	TOTAL VOLUME APPROVED as % of MEAN	TOTAL VOLUME WITHDRAWN	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL	NUMBER O LICENCED WITHDRAWA	VOLUME	TOTAL VOLUME LICENCED as % of MEAN ANNUAL	TOTAL VOLUME WITHDRAWN	TOTAL VOLUM WITHDRAWN as % of MEAI ANNUAL	l MEAN
Sub-Basin Name	LOCATIONS	APPROVED (m ³)	ANNUAL RUNOFF	IN 2020 (m ³)	RUNOFF	LOCATIONS	5 (m³)	RUNOFF	IN 2020 (m ³)	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	7	128,296	0.228%	80	0.000%	1	600,000	1.065%	0	0.000%	56,347,972
Middle Kiskatinaw Total (incl. West & East)	7	128,296	0.046%	80	0.000%	1	600,000	0.215%	0	0.000%	279,316,049
Lower Kiskatinaw River	32	1,635,889	1.825%	7,642	0.009%	8	2,838,100	3.165%	201,098	0.224%	89,659,847
KISKATINAW TOTAL	39	1,764,185	0.478%	7,722	0.002%	9	3,438,100	0.932%	201,098	0.055%	368,975,896
PEACE RIVER											
Peace Arm	0					3	9,125,000	N/A	36,154	N/A	N/A
Upper Peace River	4	781,998	0.002%	0	0.000%	0					36,423,413,429
Lynx Creek	3	43,996	0.145%	0	0.000%	0					30,436,635
Farrell Creek	11	386,056	0.424%	62,697	0.069%	0					91,018,843
Cache Creek	9	118,120	0.158%	544	0.001%	5	577,230	0.774%	108,267	0.145%	74,603,546
Pouce Coupe River	24	837,186	0.327%	43,210	0.017%	4	1,650,200	0.645%	66,131	0.026%	255,686,202
Lower Peace River	21	842,201	0.736%	1,950	0.002%	8	4,204,919	3.673%	305,352	0.267%	114,470,012
PEACE TOTAL (incl. Kisk/Pine/Moberly/Half/Beatton)	315	9,706,581	0.020%	272,768	0.001%	86	27,395,815	0.057%	1,372,646	0.003%	47,891,853,572
SMOKY RIVER											
Smoky River	3	9,000	0.000%	0	0.000%	2	6,595	0.000%	2,831	0.000%	2,669,506,123
SMOKY TOTAL	3	9,000	0.000%	0	0.000%	2	6,595	0.000%	2,831	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			176	0.000%	1	36,593	0.002%	0	0.000%	1,470,271,289
Middle Prophet River	5	30,700	0.005%	242	0.000%	0					621,428,680
Middle Prophet Total (incl. Upper Prophet)	5	30,700	0.001%	418	0.000%	1	36,593	0.002%	0	0.000%	2,091,699,969
Lower Prophet River	1	3,900	0.001%	0	0.000%	0					272,262,427
PROPHET TOTAL	6	34,600	0.001%	418	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 SHORT-TERM WATER USE APPROVALS - SECTION 10						OIL AND GAS RELATED WATER LICENCES - SECTION 9						
GAS ACTIVITIES IN 2020, ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 3 of 4) MAJOR and Sub-Basin Name	NUMBER OF APPROVED WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³)	TOTAL VOLUME APPROVED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2020 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	NUMBER C LICENCED WITHDRAW LOCATION	VOLUME AL LICENCED	TOTAL VOLUME LICENCED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2020 (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%	245,933	0.030%	807,771,692		
Middle Sikanni Chief River	26	225,625	0.024%	2,261	0.000%	4	29,203	0.003%	0	0.000%	949,755,794		
Middle Sikanni Chief Total (incl. Upper Sikanni)	30	275,625	0.016%	2,261	0.000%	7	3,146,892	0.179%	245,933	0.014%	1,757,527,486		
Lower Sikanni Chief	22	208,256	0.024%	11,914	0.001%	0					875,678,142		
SIKANNI CHIEF TOTAL	52	483,881	0.018%	14,175	0.001%	7	3,146,892	0.120%	245,933	0.009%	2,633,205,628		
FORT NELSON RIVER													
Kahntah River	31	178,248	0.044%	3,000	0.001%	2	2,920	0.001%	1,502	0.000%	400,582,903		
Fontas River	4	27,200	0.005%	3,915	0.001%	0					591,531,903		
Fontas Total (includes Kahntah)	35	205,448	0.021%	6,915	0.001%	2	2,920	0.000%	1,502	0.000%	992,114,806		
Klua Creek	0					0					402,135,448		
Upper Fort Nelson River	0					0					276,181,026		
Upper Fort Nelson Total (incl. Sikanni Chief Total	, 87	689,329	0.016%	21,090	0.000%	9	3,149,812	0.073%	247,435	0.006%	4,303,636,908		
Kahntah, Fontas, Klua)													
Snake River	1	4,200	0.001%	0	0.000%	0					310,763,522		
Sahtaneh River	15	75,300	0.016%	574	0.000%	0					474,904,729		
Middle Fort Nelson River	0			5,121	0.001%	0					515,348,901		
Middle Ft Nelson Total (incl. Upper Ft. Nelson total,	109	803,429	0.007%	27,203	0.000%	10	3,186,405	0.026%	247,435	0.002%	12,314,371,343		
Muskwa Total, Prophet Total, Snake, Sahtaneh)													
Kiwigana River	21	179,400	0.041%	1,436	0.000%	0					441,657,543		
Lower Fort Nelson River	2	6,000	0.002%	0	0.000%	0					312,768,938		
FORT NELSON TOTAL	132	988,829	0.008%	28,639	0.000%	10	3,186,405	0.024%	247,435	0.002%	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 GAS ACTIVITIES IN 2020, ORGANIZED BY OGC WATER

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

OIL AND GAS RELATED WATER LICENCES - SECTION 9

GAS ACTIVITIES IN 2020, ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 4 of 4) MAJOR and Sub-Basin Name	NUMBER OF APPROVED WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³)	TOTAL VOLUME APPROVED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2020 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	NUMBER (LICENCEE WITHDRAW LOCATION	VOLUME VAL LICENCED	TOTAL VOLUME LICENCED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2020 (m³)	TOTAL VOLUME WITHDRAWN as % of MEAN ANNUAL RUNOFF	MEAN ANNUAL RUNOFF (m³)
LIARD RIVER con't	LUCATIONS	ATTROVED (III)	ANNUAL NUNUFF	IN 2020 (III')	KONOTI	LOCATION	3 (111)	NONOTI	IN 2020 (III-)	KUNUT	(111)
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)		· ·		, and the second			·			00000,0	10,000,010,100
Capot-Blanc Creek	1	3,000	0.002%	0	0.000%	0					183,879,851
Dunedin River	0	,				0					820,464,167
Lower Liard River	1	2,000	0.000%	0	0.000%	0					1,236,634,664
LIARD TOTAL (incl. Fort Nelson)	134	993,829	0.002%	28,639	0.000%	10	3,186,405	0.005%	247,435	0.000%	64,373,155,962
PETITOT RIVER											
Sahdoanah River	7	29,800	0.012%	1,322	0.001%	0					252,625,362
Upper Petitot River	30	70,700	0.005%	0	0.000%	0					1,476,579,488
Tsea River	11	151,234	0.035%	485	0.000%	0					434,062,484
Middle Petitot River	19	91,300	0.013%	0	0.000%	0					698,562,753
Middle Petitot Total (incl. Sahdoanah,	67	343,034	0.012%	1,807	0.000%	0	0	0.000%	0	0.000%	2,861,830,087
Upper Petitot, Tsea)											
Lower Petitot River	21	175,400	0.019%	0	0.000%	0					904,314,069
PETITOT TOTAL	88	518,434	0.014%	1,807	0.000%	0	0	0.000%	0	0.000%	3,766,144,156
HAY RIVER											
Upper Kotcho River	0					0					311,519,217
Kyklo River	4	20,600	0.014%	0	0.000%	0					145,897,691
Shekilie River	26	158,900	0.035%	0	0.000%	0					450,747,494
Lower Kotcho River	1	3,000	0.001%	538	0.000%	0					311,519,217
Lower Kotcho Total (includes Upper Kotcho,	31	182,500	0.015%	538	0.000%	0	0	0.000%	0	0.000%	1,219,683,619
Kyklo, Shekilie)											
Hay River	26	180,000	0.033%	562	0.000%	0					538,672,352
HAY TOTAL	57	362,500	0.021%	1,100	0.000%	0	0	0.000%	0	0.000%	1,758,355,971
CHINCHAGA RIVER											
Chinchaga River	41	279,100	0.255%	773	0.001%	0					109,492,680
CHINCHAGA TOTAL	41	279,100	0.255%	773	0.001%	0	0	0.000%	0	0.000%	109,492,680
OTHER (outside Northeast B.C.)	130	2,534,833	N/A	9,254	N/A	2	98,793	N/A	4,864	N/A	N/A
GRAND TOTAL	768	14,404,277	0.012%	314,341	0.000%	100	30,687,608	0.025%	1,628,382	0.001%	120,568,508,464



Previous annual water reports and quarterly updates are available on the Commission's website at: https://www.bcogc.ca/data-reports.

For specific questions or enquiries regarding this data, please contact: OGC.Communications@bcogc.ca