

Oil and Gas Water Use Summary

Second Quarter 2013 (April-June)





The BC Oil and Gas Commission is the single-window 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.

For general information about the Commission, please visit www.bcogc.ca or phone 250-794-5200.

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This summary contains short-term water use data and water licence data from the January to June 2013 period.

Other resources on the Commission's website include:

[Oil and Gas Activities Act and Water Act](#)

[Short-term Use of Water Application Manual](#)

[Data files of all Active Section 8 Approvals](#)

[2012 Quarterly Updates](#)

[Northeast Water Tool](#)

For specific questions or enquiries regarding this data, please contact:

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Table 1: Summary of short-term water use approvals active Jan-Jun 2013

	Q1 Total Jan-Mar 2013	Q2 Total Apr-Jun 2013
Number of active approvals in each quarter	246	251
Number of approvals issued in each quarter	90	34
Number of companies with active approvals	42	40
Total volume available for use for the 12-month	16,250,016	16,565,834
Total volume reported used in each quarter (m ³)	1,098,205	480,111
Cumulative total volume reported used in 2013	1,098,205	1,578,316

Table 2: Section 8 permits approved by the BC Oil and Gas Commission and water licensed by the Ministry of Forests, Lands and Natural Resource Operations.

Approved volumes for an annual period starting January 2013; actual withdrawals are for January-June 2013, and presented as a percentage of annual river discharge.

Major & Sub-Basin Name	Section 8 Water Use Approvals – BC Oil and Gas Commission					Water Licences – FLNRO			River Discharge and Runoff	
	Section 8 Approvals	Total Volume Approved (m ³)	Total Volume Approved as % of Mean Annual Runoff	Total Volume Withdrawn (m ³) (2013)	Total Volume Withdrawn as % of Mean Annual Runoff	# of Water Licences	Total Volume Licensed (m ³)	Total Volume Licensed as % of Mean Annual Runoff	Mean Annual Discharge (m ³ /s)	Mean Annual Runoff (m ³)
Beatton River										
Upper Beatton River	13	592,780	0.119%	22,766	0.005%				15.8	499,408,440
Middle Beatton River	7	29,500	0.012%	0	0.000%				7.9	249,152,995
Milligan Creek	7	210,490	0.110%	0	0.000%				6.1	191,536,686
Blueberry River	16	448,475	0.153%	1,832	0.001%	16	231,853	0.079%	9.3	293,278,540
Doig River	1	64,200	0.020%	0	0.000%	9	3,350,772	1.037%	10.2	323,069,523
Lower Beatton River	1	10,110	0.007%	0		41	7,822,425	5.658%	4.4	138,262,629
Beatton Total	45	1,355,555	0.080%	24,598	0.001%	66	11,405,050	0.673%	53.7	1,694,708,813
Halfway River										
Upper Halfway River	1	158,055	0.020%	3,126	0.000%	6	133,304	0.017%	25.2	795,962,409
Chowade River								0.000%	10.4	327,027,527
Graham River	4	1,279,900	0.149%	0	0.000%	1	3,319	0.000%	27.3	860,627,172
Cameron River	15	674,870	0.302%	20,634	0.009%	3	7,467	0.003%	7.1	223,679,567
Lower Halfway River	20	2,000,164	1.320%	2,194	0.001%	10	1,036,050	0.684%	4.8	151,526,991
Halfway Total	40	4,112,989	0.174%	25,954	0.001%	20	1,180,139	0.050%	74.7	2,358,823,666
Moberly River										
Moberly River						9	84,402	0.022%	12.41	391,714,995
Moberly Total	0	0	0.000%	0	0.000%	9	84,402	0.022%	12.41	391,714,995
Pine River										
Burnt River	2	1,540	0.000%	52	0.000%	3	37,996	0.005%	23.38	737,930,022

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Sukunka River	2	5,042	0.000%	1,504	0.000%	5	121,079	0.012%	33.19	1,047,282,572
Upper Pine River						13	2,454,627	0.167%	46.48	1,466,884,035
Murray River	8	703,520	0.026%	1,676	0.000%	34	28,129,268	1.042%	85.5	2,698,285,017
Lower Pine River	11	615,840	0.447%	180,991	0.132%	28	5,576,477	4.052%	4.36	137,619,889
Pine Total	23	1,325,942	0.022%	184,223	0.003%	83	36,319,447	0.597%	192.91	6,088,001,535
Kiskatinaw River										
East Kiskatinaw River	3	2,238,950	2.123%	33,091	0.031%	7	6,189,820	5.870%	3.3	105,452,962
West Kiskatinaw River	3	115,000	0.098%	28,883					3.7	117,515,115
Middle Kiskatinaw River	1	28,536	0.051%	0	0.000%	9	401,059	0.712%	1.8	56,347,972
Lower Kiskatinaw River	4	170,459	0.190%	320	0.000%	20	1,646,620	1.837%	2.8	89,659,847
Kiskatinaw Total	11	2,552,945	0.692%	62,294	0.017%	36	8,237,499	2.233%	11.7	368,975,896
Peace River										
Lynx Creek	0	0	0.000%	0	0.000%	5	259,970	0.854%	0.96	30,436,635
Farrell Creek	1	10,000	0.011%	0	0.000%	2	7,466	0.008%	2.88	91,018,843
Cache Creek	2	750	0.001%	364	0.000%	8	1,978,540	2.652%	2.4	74,603,546
Pouce Coupe River						59	2,999,852	1.173%	8.1	255,686,202
Peace River Mainstem	2	450,000	0.001%	0	0.000%	79	129,434,061	0.383%	1070	33,766,632,000
Peace Total	124	9,808,181	0.022%	297,433	0.001%	367	191,906,426	0.425%	1430.0	45,127,368,000
Smoky River										
Smoky River	2	156,000	0.006%	420	0.000%	2	528,441	0.020%	84.59	2,669,506,123
Smoky Total	2	156,000	0.006%	420	0.000%	2	528,441	0.020%	84.59	2,669,506,123
Fort Nelson River										
Fontas River	1	15,200	0.003%	2,469	0.000%				18.7	591,531,903
Kahntah River	3	13,000	0.003%	7,801	0.002%				12.7	400,582,903

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Kiwigana River	3	1,107,900	0.251%	4,449	0.001%	2	419,609	0.095%	14.0	441,657,543
Klua River	3	24,000	0.006%	2,894	0.001%				12.7	402,135,448
Sahtaneh River	12	465,400	0.098%	7,910	0.002%	1	329,865	0.069%	15.1	474,904,729
Snake River	4	12,000	0.004%	1,756	0.001%				9.9	310,763,522
Upper Fort Nelson River	27	1,014,270	0.024%	334,625	0.008%	4	70,295	0.002%	136	4,303,636,908
Middle Fort Nelson River	45	2,054,140	0.018%	1,066,581	0.009%	18	2,912,350	0.025%	365	11,528,703,092
Lower Fort Nelson River	63	2,756,079	0.022%	1,106,919	0.009%	19	3,242,215	0.026%	400	12,627,140,281
Fort Nelson Total	66	3,863,979	0.030%	1,111,368	0.009%	21	3,661,825	0.028%	414	13,068,797,824
Liard River										
Capot-Blanc River	3	442,975	0.241%	0	0.000%				5.8	183,879,851
Dunedin River	1	5,000	0.001%	0	0.000%				26.0	820,464,167
Lower Toad River									13.3	419,472,722
Grayling River									20.0	630,833,914
Beaver River									344.2	10,862,659,426
Upper Liard River						2	2,489	0.000%	1049.69	33,125,817,465
Middle Liard River									14.69	463,652,312
Lower Liard River	4	445,500	0.036%	62,881	0.005%				39.19	1,236,634,664
Liard Total	8	893,475	0.002%	62,881	0.000%	2	2,489	0.000%	1512.9	47,743,414,521
Petitot River										
Lower Petitot River	6	496,950	0.055%	9,743	0.001%	1	137,026	0.015%	28.7	904,314,069
Middle Petitot River	5	54,400	0.008%	13,812	0.002%	1	116,404	0.017%	22.1	698,562,753
Sahdoanah River	2	575,594	0.228%	2,298	0.001%	1	830	0.000%	8.0	252,625,362
Tsea River	3	29,200	0.007%	29,771	0.007%	2	2,783,632	0.641%	13.8	434,062,484
Upper Petitot River	3	198,900	0.013%	6,138	0.000%				46.8	1,476,579,488
Petitot Total	19	1,355,044	0.036%	61,762	0.002%	5	3,037,892	0.081%	119.4	3,766,144,156

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Kotcho River										
Kyklo River	1	75,600	0.052%	207	0.000%	1	5,808	0.004%	4.62	145,897,691
Lower Kotcho River	4	13,000	0.004%	441	0.000%				9.87	311,519,217
Shekilie River	5	48,500	0.011%	3,786	0.001%				14.28	450,747,494
Upper Kotcho River	4	27,475	0.009%	2,034	0.001%				9.87	311,519,217
Kotcho Total	14	164,575	0.011%	6,468	0.000%	1	5,808	0.000%	47.2	1,489,518,720
Hay River										
Hay River	7	185,800	0.034%	37,963	0.007%				17.07	538,672,352
Hay Total	7	185,800	0.034%	37,963	0.007%	0	0	0.000%	17.1	538,672,352
Chinchaga River										
Chinchaga River	4	143,575	0.131%	0	0.000%				3.5	109,492,680
Chinchaga River Total	4	143,575	0.131%	0	0.000%	0	0	0.000%	3.5	109,492,680
Other	5	3,205		21						
Total	251	16,565,834		1,578,316		398	199,142,880			