



Ministry of Environment Water Stewardship Division

Annual Rental Rates for Water Licence Purposes by Sector

(document revised January 6th, 2009)

Rental Rates

Item	Column 1 Purpose	Column 2 Annual Rental	Column 3 Annual Rental	Column 4 Annual Rental	Column 5 Annual Rental
		Year 2006	Year 2007	Year 2008	Year 2009
AGRICULTURE SECTOR:					
For all purposes in the Agriculture Sector , the annual rental is the greater of \$25.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	water conveyed by a local authority and used for irrigation purpose	\$0.48 per 1,000 cubic metres	\$0.50 per 1,000 cubic metres	\$0.55 per 1,000 cubic meters	\$0.60 per 1,000 cubic metres
(b)	private irrigation use	\$0.48 per 1,000 cubic metres	\$0.50 per 1,000 cubic metres	\$0.55 per 1,000 cubic meters	\$0.60 per 1,000 cubic metres
(c)	industrial purpose associated with agriculture				
	crop suppression	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	flood harvesting	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	frost protection	\$0.35 per 1,000 cubic metres	\$0.40 per 1,000 cubic metres	\$0.50 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	game farms	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	greenhouses	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	kennels	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres

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AGRICULTURE SECTOR, CONTINUED:					
	nurseries	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	ponds	\$25.00	\$25.00	\$25.00	\$25.00
	stockwatering	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	watering of golf courses, ornamental gardens, parks or similar properties	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
AQUACULTURE SECTOR:					
For all purposes in the Aquaculture Sector , the annual rental is the greater of \$100.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	fish hatcheries	\$0.075 per 1,000 cubic metres	\$0.077 per 1,000 cubic metres	\$0.078 per 1,000 cubic metres	\$0.08 per 1,000 cubic metres
CONSERVATION AND LAND IMPROVEMENT SECTOR:					
For all purposes under the Conservation and Land Improvement Sector , the annual rental is the greater of \$25.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	conservation purpose				
	storage of water	\$25.00	\$25.00	\$25.00	\$25.00
	use of water	\$0.006 per 1,000 cubic metres	\$0.007 per 1,000 cubic metres	\$0.008 per 1,000 cubic metres	\$0.01 per 1,000 cubic metres
	construction of works in and about streams	\$25.00	\$25.00	\$25.00	\$25.00
(b)	land improvement	\$25.00	\$25.00	\$25.00	\$25.00

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		Year 2006	Year 2007	Year 2008	Year 2009
DOMESTIC SECTOR:					
For all purposes under the Domestic Sector , the annual rental is the greater of \$25.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	domestic purpose	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
(b)	industrial purpose associated with domestic use				
	camps	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	churches and community halls	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	exhibition grounds	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	institutions	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	public facilities	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	residential lawn watering (area exceeds 1 012 square metres)	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres
	swimming pools	\$25.00	\$25.00	\$25.00	\$25.00
	work camps	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres	\$0.60 per 1,000 cubic metres

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INDUSTRIAL AND COMMERCIAL SECTOR:					
For all purposes under the Industrial and Commercial Sector , the annual rental is the greater of \$100.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	general – use for industrial purpose				
	amusement parks	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	bottling fresh water	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	brake cooling	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	cooling	\$0.55 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.75 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	dewatering	\$100.00	\$100.00	\$100.00	\$100.00
	dust control	\$0.35 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	enterprise (which includes hotels, motels, trailer parks, stores, service stations, restaurants or similar commercial enterprises)	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	effluent dilution	\$0.25 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	film processing plant	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	fire prevention	\$0.35 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	fire protection	\$100.00	\$100.00	\$100.00	\$100.00

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INDUSTRIAL AND COMMERCIAL SECTOR, CONTINUED:					
garbage dumps		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
heat exchangers		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
ice making		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
log fluming		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
mineral trading purpose (mineral baths or trading)		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
overburden disposal		\$100.00	\$100.00	\$100.00	\$100.00
processing (which includes food processing plants, manufacturing operations, sawmills, and washing sand or gravel)		\$0.55 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.75 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
pulp mills		\$0.55 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.75 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
river improvement		\$100.00	\$100.00	\$100.00	\$100.00
road maintenance		\$0.25 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
sediment control		\$100.00	\$100.00	\$100.00	\$100.00
sewage disposal		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
shipyards		\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
snowmaking		\$0.35 per 1,000 cubic metres	\$0.55 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres

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INDUSTRIAL AND COMMERCIAL SECTOR, CONTINUED:					
	truck washing	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	tunnelling	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	washing intake screens	\$0.25 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
	wharves	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres
MINING AND PETROLEUM SECTOR:					
For all purposes under the Mining and Petroleum Sector , the annual rental is the greater of \$100.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	mining purpose				
	hydraulic mining	\$0.065 per 1,000 cubic metres	\$0.065 per 1,000 cubic metres	\$0.065 per 1,000 cubic metres	\$0.065 per 1,000 cubic metres
	hydraulicking	\$0.065 per 1,000 cubic metres	\$0.065 per 1,000 cubic metres	\$0.065 per 1,000 cubic metres	\$0.065 per 1,000 cubic metres
	placer mining	\$0.45 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres	\$0.45 per 1,000 cubic metres
	processing ore	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
	washing coal	\$0.55 per 1,000 cubic metres	\$0.75 per 1,000 cubic metres	\$0.95 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres

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MINING AND PETROLEUM SECTOR, CONTINUED:					
(b)	industrial purpose associated with mining				
	mining equipment	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
	oil field injection	\$0.65 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$0.95 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
	pressure testing and flushing	\$0.35 per 1,000 cubic metres	\$0.55 per 1,000 cubic metres	\$0.85 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
STORAGE SECTOR:					
For all purposes under the Storage Sector , the annual rental is the greater of \$25.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	storage purpose	\$0.006 per 1,000 cubic metres	\$0.007 per 1,000 cubic metres	\$0.008 per 1,000 cubic metres	\$0.01 per 1,000 cubic metres
WATERWORKS (WATER SUPPLY) SECTOR:					
For all purposes under the Waterworks (Water Supply) Sector , the annual rental is the greater of \$100.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	water conveyed by a local authority and used for waterworks purpose	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
(b)	water conveyed for waterworks purpose by a person other than a local authority	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
(c)	water delivery	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres
(d)	bulk shipment of water by marine transport	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres	\$1.10 per 1,000 cubic metres

Waterpower rental Rates

Self-supplied Residential

Item	Column 1 Purpose	Column 2 Annual Rental	Column 3 Annual Rental	Column 4 Annual Rental	Column 5 Annual Rental
		Year 2006	Year 2007	Year 2008	Year 2009
RESIDENTIAL POWER USE (SUPPLIED BY RESIDENT)					
For the Residential Power Sector , the annual rental is the greater of \$100.00 or the annual rental calculated using the rental rate set out below for each 1,000 cubic metres.					
(a)	residential power use	\$0.003 per 1,000 cubic metres	\$0.005 per 1,000 cubic metres	\$0.008 per 1,000 cubic metres	\$0.01 per 1,000 cubic metres

Power Commercial and General

MAJOR WATERPOWER PRODUCTION (WITH INDEXING FACTORS APPLIED)	
Commercial power use:	
construction capacity, for each kilowatt	\$0.294
authorized capacity, other than construction capacity, for each kilowatt	\$1.839
output, for each megawatt-hour	\$1.104
minimum annual rental, for each licence	\$100.00
General power use:	
construction capacity, for each kilowatt	\$0.368
authorized capacity, other than construction capacity, for each kilowatt	\$3.680
output, for each megawatt-hour a year, up to a total of 160,000 megawatt-hours from all power developments operated by the same licensee	\$1.104
output, for each megawatt-hour a year exceeding 160,000 megawatt-hours up to a total of 3,000,000 megawatt-hours	\$5.153
output, for each additional megawatt-hour a year exceeding 3,000,000 megawatt-hours	\$6.197
minimum annual rental, for each licence	\$200.00

Indexing of Rental Rates for Commercial and General Power Generation

INDEXING FACTOR FOR WATERPOWER COMMERCIAL AND GENERAL PURPOSE	
(a)	Water rental rates for commercial and general water power are determined by using an indexing factor.
(b)	The indexing factor for the calendar year ending December 31, 1994 was set to 1;
(c)	For each subsequent year, the indexing factor will be equal to the result of multiplying the indexing factor for the previous year by (1 + the percentage of approved average general increases in the British Columbia Hydro and Power Authority Electric Tariff Rate Schedule made in the preceding calendar year, excepting any rate increases resulting from the application of this regulation and passed through to ratepayers pursuant to section 61 (4) of the <i>Utilities Commission Act</i>).
(d)	Based on a BC Hydro rate increase awarded by the British Columbia Utilities Commission, the indexing factor for waterpower commercial and general purpose is 1.0657, (effective January 1 st , 2008). The rates which are listed above include the revised indexing factor of 1.0657

Permits over Crown land, which support a water licence

Item	Column 1 Purpose	Column 2 Annual Rental	Column 3 Annual Rental	Column 4 Annual Rental	Column 5 Annual Rental
		Year 2006	Year 2007	Year 2008	Year 2009
PERMITS TO OCCUPY CROWN LAND:					
For Item 9 (a), the annual rental for Crown land occupied by a dam is the greater of \$50.00 or the annual rental calculated using the rental rate set out below per hectare.					
For Item 9 (b), the annual rental for Crown land flooded or occupied by other works is the greater of \$10.00 or the annual rental calculated using the rental rate set out below per hectare.					
(a)	occupied by a dam	\$120.00 per hectare	\$120.00 per hectare	\$120.00 per hectare	\$120.00 per hectare
(b)	flooded or occupied by other works	\$7.45 per hectare	\$7.50 per hectare	\$7.50 per hectare	\$7.50 per hectare