

# WATER RATE STRUCTURE REVIEW



**CITY OF DAWSON CREEK**



*A Report Prepared for the City of Dawson Creek*

SUBMITTED BY:

**URBANSYSTEMS®**

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## 1.0 BACKGROUND

Urban Systems was engaged by the City of Dawson Creek to examine the current water utility rate structure and provide recommendations for changes that would achieve the following objectives:

- **Equity** – All customers pay a fair rate for water
- **Conservation** – Promotes water conservation
- **Revenue Sufficiency** – Yields sufficient revenue to sustain the utility over the long term

The review of water utility rates is one component of the City's overall water conservation strategy. In undertaking the review Urban Systems worked closely with City staff and engaged City council in two separate workshops to receive input and confirm the direction of the recommendations.

## 2.0 WATER UTILITY OVERVIEW

The City of Dawson Creek is a community of approximately 12,500 located in the Peace River Country in the northeast corner of British Columbia. The water source for the community is the Kiskatinaw River. Water is pumped 16km from the Kiskatinaw to the City's water treatment plant. Treated water from the plant is distributed to customers through a distribution network of pipes totaling 125km.

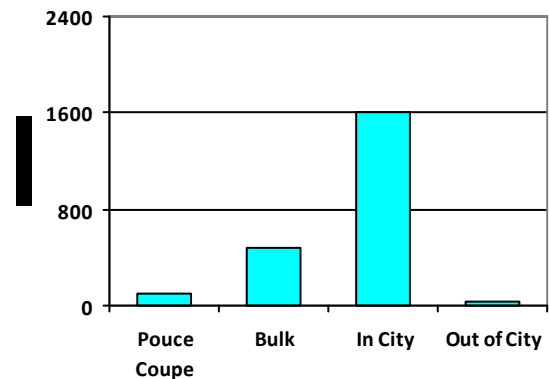
The Dawson Creek water utility provides treated potable water to approximately 4400 in-city

customers, and 15 of "out of city" customers (i.e. customers residing outside the City boundary), most notably the Village of Pouce Coupe. A small amount of untreated raw water is sold to approximately 35 agricultural customers. All customer consumption is metered and meters are read on a bi-monthly.

A number of in-city customers are resellers of bulk water. Bulk water is sold for domestic use to residents in the surrounding area who do not have access to a water system. Bulk water is also sold for non-domestic uses, the largest non-domestic user being the Oil and Gas (O&G) industry.

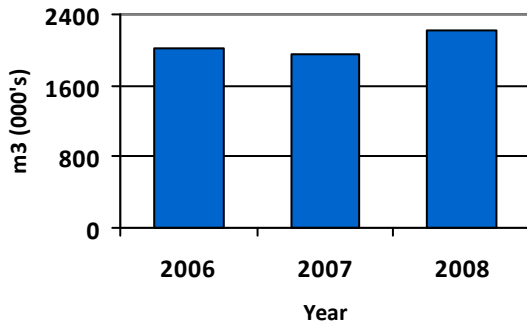
In 2008 the utility sold approximately 2.2 million m<sup>3</sup> of water. Of this total, approximately 70% was for in-city users.

**In-city users account for 70% of total water sales**

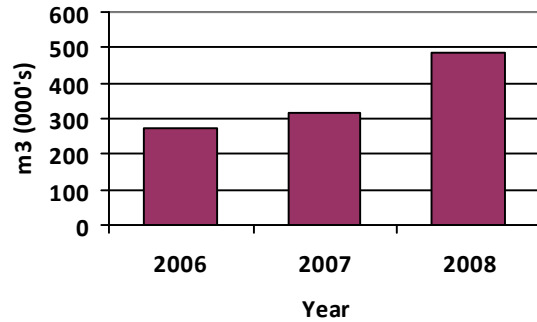


Between 2001 and 2006 The City experienced a moderate population growth of approximately 2.2% which has translated into relatively stable total annual water sales.

**Total water sales have remained stable**



**Bulk water sales have increased significantly in recent years**



One area of water consumption growth has been bulk water sales. Higher levels of O&G exploration activity in recent years has resulted in growing demand for bulk water by the O&G industry for well hydraulic fracturing.

To develop a new rate structure an estimate of the future water consumption is required. The following water sales forecast will be used for the purposes of this report.

Hydraulic fracturing (also known as “fracking”) is a technique used to create fractures in rock or coal formations. These fractures allow the oil or gas to travel more easily from the rock pores, where the oil or gas is trapped, to the production well.

Customer	Forecast Consumption (m3/yr)
In-city Treated	1,600,000
Out of City Treated	30,000
Raw	15,000
Bulk	350,000
Pouce Coupe	90,000
<b>Total</b>	<b>2,085,000</b>

There is concern that the growing demand for non-domestic bulk water could strain the City’s water system capacity and limit the water available for in development.

This forecast is based on the last 5 years of water sales data. The greatest area of uncertainty with the forecast being the bulk water sales since this use is very sensitive to the level of drilling activity occurring in the region in any given year.

### **3.0 CURRENT WATER RATE STRUCTURE**

Water rates for the City of Dawson Creek are contained in-city Bylaws No. 3326 and 3327 (included in Appendices A and B). A brief description of the current rates for in-city and out of city users follows.

#### **3.1 IN-CITY USERS**

In-city users include both residents and businesses within the City limits. The current rate, as defined in bylaw 3326, consists of a consumption (or volumetric) charge of \$0.6886 for each cubic meter of water consumed. There is also a minimum charge of \$29.25 bi-monthly for up to the first 42.5 m<sup>3</sup> of water. This minimum charge is paid regardless of whether the user consumes the full 42.5 m<sup>3</sup>.

In addition to the metered rate in-city customers also pay a water frontage tax of \$3.45 per foot of frontage per annum. This results in an additional \$207 per year for a typical residential property.

#### **3.2 OUT OF CITY USERS**

Out of city users that are connected directly to the city water system pay a consumption charge of \$0.8652 for each cubic meter of water consumed. There is a minimum charge of \$73.50 bi-monthly for up to the first 85 m<sup>3</sup> of water.

Bulk water sales are considered as out of city users and are therefore governed under bylaw 3327.

Persons purchasing bulk water from the City-owned bulk filling stations pay \$2.91 per cubic meter. Authorized bulk vendors who purchase bulk water for resale pay \$2.08 per cubic meter.

The Village of Pouce Coupe pays \$0.6886 per cubic meter plus a contribution to Dawson Creek's capital program which has averaged around \$30,000 annually for the previous 5 years ending 2009.

Raw water customers pay a consumption charge of \$0.6356 for each cubic meter plus a minimum charge of \$54.00 bi-monthly for the first 86 m<sup>3</sup> of water.

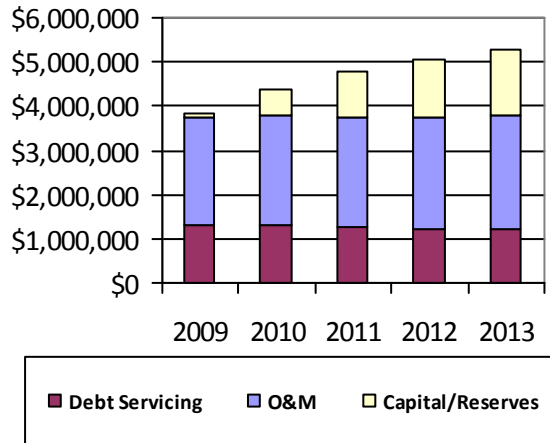
Water customers whose homes or businesses are outside the City boundary do not pay the City frontage tax.

### **4.0 UTILITY REVENUE REQUIREMENTS**

The water utility requires sufficient revenue to cover its operating costs, service any existing or future debt obligations, and fund the required capital works.

A five year revenue forecast prepared by City staff indicates that the utility will need to increase its revenue from the current 2009 level of \$3.8 million per annum to \$5.3 million by 2013. The additional revenue will be needed to fund current and future capital improvements.

Revenue will need to increase 38% by 2013 to adequately fund capital improvements



The increase over 5 years amounts to a total increase of 38%. It is proposed that this be implemented in two equal increments of 17.5% in 2010 and 2012 respectively.

Current 2009 Revenue = \$3.8 million  
 2010 Total Revenue = \$4.5 million (↑17.5%)  
 2012 Total Revenue = \$5.3 million (↑17.5%)

By phasing in the increase in two stages the impact to utility customers can be somewhat reduced.

## 5.0 PROPOSED RATE STRUCTURE

### 5.1 ISSUES WITH CURRENT RATE STRUCTURE

The current rate structure has two primary issues that need to be addressed. These are;

1. High minimum charge for residential customers
2. Frontage tax applies to in-city users only

#### 5.1.1 High Minimum Residential Charge

The current minimum use charge of \$29.25 covers the first 42.5 m3 of water consumed bi-monthly, whether the water is consumed or not.

Actual average bi-monthly water consumption for residential users is in the range of 30 m3. This results in the average residential customer paying for approximately 12.5 m3 of water bi-monthly that they do not consume. This does not promote conservation since the user does not have an opportunity to realize a saving by reducing water use, since their water bill is in essentially fixed.

#### 5.1.2 Frontage Tax For In-City Users

The frontage tax was initially instituted to cover capital costs associated with improvements to the water system. The problem is not with the tax itself, but rather that it applies only to in-city water users. For a typical residential user this results in an additional \$207 per year charge for water. This is an extra \$207 that an out of city user does not have to pay, even though they benefit from essentially the same service level.

The net impact of both of these issues is to inflate the actual water cost for in-city

residential users resulting in an average water bill of approximately \$382.50 annually (based on an average bi-monthly consumption of 30m3). This equates to an effective water cost of \$2.19 per m3 for an in-city residential user.

Currently the City collects \$2.2 million of its total \$3.8 million annual revenue through fixed charges (frontage tax and minimum use charges), or approximately 57%, where as only 43% of revenue is thru variable charges.

**5.2 FIXED VERSUS VARIABLE REVENUE**

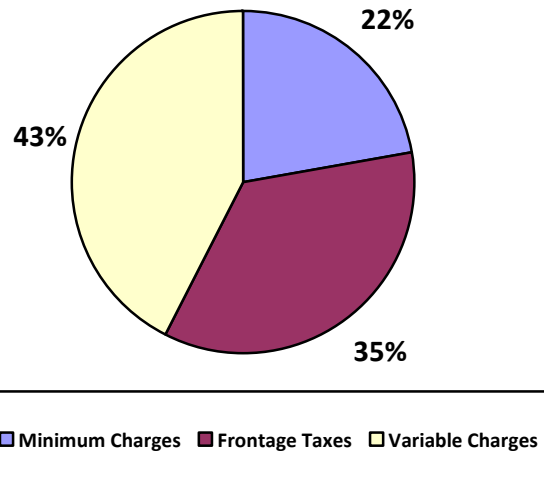
Most rate structures will consist of a fixed component and a variable component. The variable component (also referred to as the “consumption” or “volumetric” charge) will vary with the amount of water used whereas the fixed component does not change with the amount of water used.

The amount of revenue collected through fixed charges versus variable charges depends on the objectives of the individual utility.

From a purely financial perspective, a higher proportion of revenue from fixed charges is preferred since this money is reliable and can be accurately predicted year to year, whereas variable charges are not predictable since water demand can change depending on the weather and other factors.

From a purely water conservation perspective variable charges are preferred since it sends an accurate price signal to the customer. The higher the proportion of a customer’s water charges that are attributable to the amount of water consumed the greater opportunity for the customer to save money through conservation.

**Current Utility Revenues Breakdown**



For the future rate structure City staff has indicated they would like to maintain approximately \$1.35 million annually from fixed charges. This roughly equates to the amount currently earned from the frontage tax and equates to approximately 30% of the total revenue. This strikes a good balance between having reasonable revenue stability and still encouraging water conservation.

Revenue needs for the period 2010 thru 2013 and the split between fixed and variable components is as follows;

**Breakdown of Required Revenue**

Year	Fixed Revenue	Variable Revenue	Total Revenue
2010	\$1,350,000	\$3,150,000	\$4,500,000
2011	\$1,350,000	\$3,150,000	\$4,500,000
2012	\$1,350,000	\$3,950,000	\$5,300,000
2013	\$1,350,000	\$3,950,000	\$5,300,000

**5.3 FIXED CHARGES**

Fixed charges are currently in the form of frontage tax and minimum use charges. It is proposed that the frontage tax be eliminated since it discriminates against in-city customers. In addition, it is proposed that the minimum use charges be replaced with a fixed "meter" charge.

A meter charge varies based on the size of the customer's meter. A customer with a larger meter pays a higher fixed meter charge. The higher charge is appropriate since a larger meter has a higher "stand-by" capacity. For example a 2" meter can supply approximately ten times the amount water as a typical 5/8" residential meter. The water system needs to be sized to supply this amount of water whether the customer uses it or not. This translates to higher capital investment in larger pipes, larger treatment plant, reservoirs, etc. Capital costs are fixed costs and therefore the meter size is a reasonable factor to use when distributing fixed costs to different customers.

The following schedule of meter charges results was developed from the known number of meters in the system, their respective sizes and

the requirement to generate \$1.35 million from fixed meter charges.

Meter Size	Bi-Monthly Charge
5/8	\$ 37
3/4"	\$ 53
1"	\$ 95
1.5"	\$ 213
2"	\$ 379
3"	\$ 852
4"	\$ 1,516

Pouce Coupe currently pays a share of the Dawson Creek capital charge which has averaged in the order of \$30,000 annually over the last 5 years. For the purposes of this study it is assumed that Pouce Coupe would continue to pay a fixed charge of that magnitude.

**5.4 VARIABLE CHARGES**

Variable charges (or consumption charges) are the amount paid for each unit of water consumed by the customer.

In the current rate structure the consumer begins paying for each unit of water once the minimum bi-monthly allotment had been exceeded (42.5m3 for in-city users and 85m3 for out of city users).

It is proposed that for the new rate structure, the minimum monthly allotment be eliminated so that the consumption charge begins with the first unit of water consumed. This would allow the consumer to save money by reducing their



consumption and thereby the rate would better promote water conservation.

The revenue from the consumption charges plus the fixed meter charge revenue would need to total \$4.5 million in 2010 and \$5.3 million in 2012. It is proposed to phase in this increase by increasing the consumption charge in 2012.

To achieve fairness it is proposed that all customers of water for domestic purposes pay the same consumption rate for water whether they are in-city or out of city users.

Based on historical water consumption data provided by Dawson Creek staff a consumption rate of \$1.20 per m<sup>3</sup> beginning in 2010 increasing to \$1.68 per m<sup>3</sup> in 2012 would generate enough revenue to meet the utility's requirements.

#### **5.4.1 BULK WATER RATES**

Bulk water users do not pay a fixed charge for their water, however there are still fixed costs associated with serving these customers. As a rough rule of thumb a typical residential customer will pay roughly \$73 bi-monthly in 2010 rising to \$87 in 2012 for 30 m<sup>3</sup> of water use. This equates to an average actual cost of water of \$2.44 per m<sup>3</sup> in 2010 rising to \$2.90 per m<sup>3</sup> in 2012. Given that the current bulk rate is \$2.90 per m<sup>3</sup>, this rate seems appropriate and should remain unchanged at this time.

For non-domestic bulk purchases the rate should be set higher to recognize that the Dawson

Creek system exists to provide safe drinking water to its residents, and not to serve industry outside of the City boundary.

Dawson Creek recognizes the importance of the O&G industry to the community and wishes to assist industry by providing water for industrial purposes, and is in the process of completing a study that examines the feasibility of treating wastewater to a level that would meet the needs of the industrial customer base. This would allow the City to continue supporting economic growth in the surrounding region but would not use up valuable drinking water capacity from the existing domestic system.

Although the study is in process, early indications suggest that the process is feasible and would allow treated effluent to be provided for non-drinking purposes for a cost in the range of \$4.00 to \$5.00 per m<sup>3</sup>. It is recommended that the bulk rate for non-domestic purpose water be set at \$4.50 per m<sup>3</sup> in 2010, and that this be adjusted to match the predicted cost for treated effluent once that information is available.

#### **5.5 RAW WATER**

The current raw water consumption rate of \$0.6356 is approximately 75% of the current of out of city rate of \$0.8652 for treated water. It is recommended that this ratio be maintained yielding a variable rate of \$0.90 per m<sup>3</sup> effective 2010 and increasing to \$1.25 per m<sup>3</sup> in 2012. The fixed meter charge would be as per the table in section 5.3.

**6.0 SUMMARY OF METER CHARGES AND REVENUE FORECAST**

**Proposed Meter Charges**

**Effective 2010**

Meter Size	Bi-Monthly Charge
5/8	\$ 37
3/4"	\$ 53
1"	\$ 95
1.5"	\$ 213
2"	\$ 379
3"	\$ 852
4"	\$ 1,516

**Proposed Consumption Rates**

Customer Type	2010 (\$ per m3)	2012 (\$ per m3)
In-city Treated	1.20	1.68
Out of City Treated	1.20	1.68
Raw	0.90	1.25
Domestic Bulk	2.90	2.90
Non-Domestic Bulk*	4.50	5.25
Pouce Coupe	1.20	1.68

\* Includes Environmental Surcharge

**Revenue Projection 2010**

Projected Consumption	Consumption m3 per year	Fixed Meter Charges	Volumetric Rate (\$ per m3)	Consumption Charges	Total Revenue
In City Treated	1,600,000	1,320,000	1.20	1,920,000	3,240,000
Out of City Treated	30,000	20,000	1.20	40,000	60,000
Raw	15,000	10,000	0.90	10,000	20,000
Domestic Bulk	60,000	-	2.90	170,000	170,000
Non-Domestic Bulk	290,000	-	2.90	840,000	840,000
Pouce Coupe	90,000	35,000	1.20	110,000	150,000
Sub-Total	2,085,000	1,385,000		3,090,000	4,480,000
Environmental Surcharge (Non-Domestic Bulk only)	290,000	-	1.60	460,000	460,000
Grand Total	2,375,000	1,385,000		3,550,000	4,940,000



**Revenue Projection 2012**

Projected Consumption	Consumption m3 per year	Fixed Meter Charges	Volumetric Rate (\$ per m3)	Consumption Charges	Total Revenue
In City Treated	1,600,000	1,320,000	1.68	2,690,000	4,010,000
Out of City Treated	30,000	20,000	1.68	50,000	70,000
Raw	15,000	10,000	1.25	20,000	30,000
Domestic Bulk	60,000	-	2.90	170,000	170,000
Non-Domestic Bulk	290,000	-	2.90	840,000	840,000
Pouce Coupe	90,000	35,000	1.68	150,000	190,000
Sub-Total	2,085,000	1,385,000		3,920,000	5,310,000
Environmental Surcharge (Non-Domestic Bulk only)	290,000	-	2.25	650,000	650,000
<b>Grand Total</b>	<b>2,375,000</b>	<b>1,385,000</b>		<b>4,570,000</b>	<b>5,960,000</b>

# **APPENDIX A**

## ***Bylaw 3326***



**THE CORPORATION OF THE CITY OF DAWSON CREEK**

**WATER RATES AND REGULATIONS BYLAW NO. 3326**

**(CONSOLIDATED VERSION FOR CONVENIENCE ONLY)**

**Amendment Bylaw 3811, 2005 incorporated  
Amendment Bylaw 3844, 2008 incorporated**

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**THE CORPORATION OF THE CITY OF DAWSON CREEK**

**BYLAW NO. 3326**

A bylaw of The Corporation of the City of Dawson Creek (hereinafter called "the City") to establish Water Regulations and to fix Water Rates at which treated water may be sold within the City.

**WHEREAS**, the Council of the City deem it necessary from time to time to establish procedures and regulations for the use of water;

**AND WHEREAS**, the Council of the City deem it necessary to provide an increase in water rates charged by the City of Dawson Creek;

**NOW THEREFORE**, the Council of The Corporation of The City of Dawson Creek, in open meeting assembled, hereby enacts as follows:

1. Bylaw No. 2261, 1982, as amended by Bylaw No. 2428, 1984 and Bylaw No. 2867, 1991 and Bylaw No. 2925, 1992 is hereby repealed in its entirety including all schedules and amendments thereto.
2. Bylaw No. 2939, 1992 is hereby repealed in its entirety.
3. All sales of water shall be by meter only, based on consumption.
4. Meter installations shall be in a location approved by the City, readily accessible for inspection, repair, or removal, and a remote totalizer for each meter shall be installed on the outside of the building. The totalizer shall be located at the front of the building in an area readily accessible by the meter reader and not obstructed by fences or other obstructions. Any dogs harboured on the property must be secured in such a fashion that they cannot interfere with the meter reader's access to the remote totalizer.
5. All five-eighths inch (5/8") meters, totalizers and ancillary works will be supplied by the City free of charge. The actual cost of all meters provided in excess of five-eighths inch (5/8") shall be charged to the applicant. This fee will be refundable upon return of the meter in good working order. All five-eighths inch (5/8") meters and totalizers shall remain the property of the City.
6. Meters will be tested by the City Water Department upon request, provided that a twenty-five dollar (\$25.00) deposit is received in advance. If the meter is found to be registering incorrectly, the deposit will be refunded in full. If the meter is found to be in good working order, the applicant shall pay the actual cost of the testing.
7. The City shall maintain and repair all meters, totalizers and ancillary works which are the property of the City. Where replacements or repairs are made necessary by the acts, neglect or carelessness of the owner or occupant of any premises, any expense caused to the City shall be chargeable to and paid by the owner or occupant of such premises. The City shall be responsible for ordinary wear of the City owned meters, totalizers and ancillary works.

8. No person shall connect a building service to a water main, connect a building service to a previously installed service at property line, install a service box at property line, or otherwise excavate to accommodate such works without having first obtained a Service Connection Permit from the City. The fee for such permit shall be twenty-five (\$25.00) dollars payable in advance. The issuance of Service Connection Permits is at the sole discretion of the City. The City Engineering Department shall not issue such permit unless the applicant has demonstrated competence to perform such work. The City may inspect any works undertaken under such Permit and may accept or reject the work.
9. No person other than a City employee shall turn on or off any hydrant, valve, stop-cock, water meter or other fixture of the waterworks system without the written authorization of the City Engineering Department. No person shall tamper with any part of the waterworks system or obstruct access to any hydrant, valve, stop-cock, water meter or other fixture of the system. Any person contravening this section shall be assessed the full costs of any repair, replacement or removal required by reason of their actions.
10. No contractor, builder or other person shall use, for building purposes or otherwise, any water from the waterworks system without obtaining a Permit from the City Building Inspector. The fee for such Permit shall be twenty-five (\$25.00) dollars.
11. The fee for turning on or shutting off water services to a property shall be thirty-five (35.00) dollars and in no case shall instructions to perform such work be accepted unless requested by the registered owner of the property or his authorized agent. The work will be performed during the regular work week as soon as scheduling allows.
12. No person shall lay any pipe for the purpose of receiving water from the waterworks system by connecting therewith except that such pipe be at a depth of nine feet under the surface of the ground except where permission has been granted in writing by the City Engineering Department.
13. The City shall not be liable or responsible for damages caused by the freezing of water pipes on the consumer's side of the service valve or for damages caused by the freezing of such pipes on the City's side of the valve if the freezing is caused by prior freezing on the consumer's side of the stop and drain. The costs of any necessary thawing service shall be the responsibility of the consumer and the work shall be performed by a qualified individual approved by the City.
14. Subject to the provisions of Section 13, the City shall be responsible for frozen pipes on the street side of a service valve and will provide thawing service for such pipes without charge to the consumer but the City shall not be liable for any delay in rendering the service provided for in this section.
15. Consumers shall be charged the actual cost of all connections made to the waterworks systems.
16. All rates, fees or charges as set forth in this Bylaw shall be payable at City Hall or to such other persons as may be authorized by the City to act as collection agents for the City.
17. The rates, fees and charges levied or imposed under the provisions of this bylaw are a special charge upon the lands or real property in respect of which the water is supplied or used. All rates, fees and charges under the provisions of this Bylaw, in addition to any other remedies,

may be levied, collected and recovered from the owner in the same manner and subject to the same incidents as taxes upon land and improvements.

- 18. The City may, when it is deemed necessary, shut off any water main without notice to the consumers.
- 19. ~~In the event of a water supply shortage due to any reason whatsoever, the Council may issue a notice prohibiting, restricting or limiting the use of water by any or all of the consumers. Such notice shall be sufficiently given if delivered in writing, broadcast by local radio or television station or advertised in two consecutive issues of a newspaper. Any person who refuses or fails to abide by such a prohibition, restriction or limitation contained in the notice shall be deemed to have contravened this bylaw.~~ REPEALED BY WATER CONSERVATION MEASURES BYLAW 3844, 2008
- 20. Any person who contravenes any of the provisions of this Bylaw shall be guilty of an offence and shall be liable on summary conviction to a fine not to exceed the sum of five hundred (\$500.00) dollars together with costs for each offence and each day during which any violation, contravention or breach shall continue, shall be deemed as a separate offence.
- 21. Schedule "A" attached hereto and forming part of this Bylaw shall be the rates for consumption set forth in this Bylaw.
- 22. This Bylaw may be cited for all purposes as **"THE DAWSON CREEK WATER RATES AND REGULATIONS BYLAW NO. 3326, 1998"**.
- 23. This bylaw shall take effect upon adoption by the affirmative vote of a majority of Council present at the meeting at which the vote is taken.

**READ** a first time this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

**READ** a second time this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

**READ** a third time this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

**ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

The Corporate Seal of **THE CORPORATION OF THE CITY OF DAWSON CREEK** was hereunto affixed in the presence of:

\_\_\_\_\_  
Blair Lekstrom - MAYOR

\_\_\_\_\_  
Jim Noble - CITY CLERK



**THE CORPORATION OF THE CITY OF DAWSON CREEK**

**Bylaw No. 3326  
Water Rates & Regulations Bylaw**

**Schedule “A”  
(Bylaw 3811, 2005)**

Water User Rates for consumers inside City limits:

\$1.95 per 100 cu. Ft. – Minimum Bi-Monthly charge = \$29.25

Note: 1 Cubic Foot of water is equal to 6.24 Imperial Gallons  
1 Cubic Metre of water is equal to 35.313 Cubic Feet

# **APPENDIX B**

## ***Bylaw 3327***



**THE CORPORATION OF THE CITY OF DAWSON CREEK**

**BYLAW NO. 3327, 1998**

**(CONSOLIDATED VERSION FOR CONVENIENCE ONLY)**

**Amendment Bylaw 3812, 2005 incorporated**

**THE CORPORATION OF THE CITY OF DAWSON CREEK**

**BYLAW NO. 3327**

A bylaw of The Corporation of the City of Dawson Creek (hereinafter called "the City") to establish Water Regulations and to fix Water Rates at which water will be sold to consumers located outside the City.

**WHEREAS**, the Council of the City deem it necessary from time to time to establish conditions for the use of water by consumers not located within the City limits;

**AND WHEREAS**, the Council of the City deem it necessary to provide an increase in water rates charged by the City of Dawson Creek;

**NOW THEREFORE**, the Council of The Corporation of The City of Dawson Creek, in open meeting assembled, hereby enacts as follows:

1. No person may resell water obtained from the City except as may be expressly permitted by way of an authorized Water Vendor Contract between the City and the Vendor.
2. All water offered for resale must be obtained from the City through special meters provided for that purpose.
3. The City may from time to time establish outlets where water may be purchased in bulk. Any water so purchased shall be for the consumption of the purchaser only, and may not be resold.
4. No person shall connect to the portion of the waterworks system located outside the City limits without the express written permission of the Council of the City. The Council may set forth what conditions it deems necessary for such a connection and the consumer must agree to abide by those terms as may be provided in writing by the Council.
5. Any person who contravenes any of the provisions of this Bylaw shall be guilty of an offence and shall be liable on summary conviction to a fine not to exceed the sum of five hundred (\$500.00) dollars together with costs for each offence and each day during which any violations, contravention or breach shall continue, shall be deemed as a separate offence.
6. In case of nonpayment of rates or rents within thirty (30) days after they become due and payable, the City may, on giving seven (7) days notice in writing mailed to the last known address of the owner or occupant, shut off, without further notice, the service in respect of which such rates or rents are due.
7. Schedule "A" attached hereto and forming part of this Bylaw shall be the rates for consumption set forth in this Bylaw.
8. This Bylaw contains a complete and accurate statement of all rates, fees and charges to be charged on and after approval has been received from the Ministry of Municipal Affairs of the Province of British Columbia.
9. This Bylaw may be cited for all purposes as **"THE DAWSON CREEK OUTSIDE USERS WATER RATES AND REGULATIONS BYLAW NO. 3327, 1998"**.
10. This bylaw shall take effect upon adoption by the affirmative vote of the Council of the City of Dawson Creek.

**READ** a first time this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

**READ** a second time this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

**READ** a third time this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

I hereby certify that this Bylaw of the Corporation of the City of Dawson Creek, British Columbia, cited as "The Dawson Creek Outside Users Water Rates and Regulations Bylaw No. 3327, 1998" was read a third time and passed by an affirmative vote of at least two-thirds of all members of Council.

Dated at the City of Dawson Creek, B.C. this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Jim Noble - City Clerk

**Received the Approval of the Minister of Municipal Affairs this \_\_\_\_\_ day of \_\_\_\_\_, 1998.**

**ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

The Corporate Seal of **THE CORPORATION OF THE CITY OF DAWSON CREEK** was hereunto affixed in the presence of:

\_\_\_\_\_  
Blair Lekstrom - MAYOR

\_\_\_\_\_  
Jim Noble - CITY CLERK

**Bylaw No. 3327  
Outside Users Water Rates & Regulations Bylaw**

**Schedule "A" as amended by Bylaw 3812**

Water User Rates	Rates in Cubic Feet
1. Raw unprocessed water (Bi-monthly) \$1.80 per 100 cu. ft. Minimum bi-monthly charge = \$54.00	
2. Processed water (Bi-monthly) \$2.45 per 100 cu. ft. Minimum bi-monthly charge = \$73.50	
3. Authorized Vendors \$0.059 per cu. ft.	
4. Bulk Dispenser Users \$0.0825 per cu. ft.	

Note: 1 Cubic Foot of water is equal to 6.24 Imperial Gallons  
1 Cubic Meter of water is equal to 35.313 Cubic Feet