

The purpose of this Bylaw is to increase the stormwater user fee factor rates, CRD sewer consumption charge payable, connection fees, dye tests fees, and special fees and considerations payable under the *Sanitary Sewer and Stormwater Utilities Bylaw 14-071*.

1 Title
2 Section 27A
3 Schedule "A"
4 Effective date

Title

- 1 This Bylaw may be cited as the "SANITARY SEWER AND STORMWATER UTILITIES
BYLAW, AMENDMENT BYLAW NO. 4)".

2 Section 27A to the Sanitary Sewer and Stormwater Utilities Bylaw 14-071 is amended by
repealing the existing Section 27A and replacing it with the updated Section 27A to this
bylaw amendment.

3 Schedule “A” to the Sanitary Sewer and Stormwater Utilities Bylaw 14-071 is amended by repealing the existing Schedule “A” and replacing it with the updated Schedule “A” to this bylaw amendment.

4 This Bylaw comes into force on January 1, 2017.

READ A FIRST TIME the **10th** day of **November** 2016

READ A SECOND TIME the **10th** day of **November** 2016

READ A THIRD TIME the **10th** day of **November** 2016

ADOPTED on the _____ day of _____ 2016

MAYOR

27A. CRD Sewer Consumption Charge

- (1) Pursuant to the powers of the City under the Additional Powers Regulation, B.C. Reg. 236/2002, a rate of \$2.72 for the months of June through September and a rate of \$3.88 for all other months multiplied by the number of units of water used at the owner's premises must be paid by each owner in respect of a portion of the annual operating costs and debt costs of the Capital Regional District Liquid Waste Management Core Area and Western Communities Service that are payable by the City.

SCHEDULE "A"
FEES AND CHARGES

1. Sanitary Sewer Use Charge

1 The sanitary sewer use charge for each unit of water used for the months of June through September is \$1.52 and for all other months is \$2.17.

2. Sanitary Sewer Service and Stormwater Service Connection Fees

1 – 100 mm	\$8800
2 – 100 mm (in same trench)	\$11800
1 – 150 mm	at cost
2 – 150 mm (in same trench)	at cost
1 – 200 mm	at cost
1 – 150 / 1 - 200 mm (in same trench)	at cost
1 – 150 / 1 – 100 mm (in same trench)	at cost
1 – 250 mm	at cost
2 – 200 mm	at cost

3. Hub Connection Fees

\$1000 / hub connection

4. Dye Tests

\$200 for one visit to a single location or site, to a maximum of one hour

5. Sewer Service Connection Test for Reuse or Abandonment

4 service connections or fewer	\$250/visit/site
Each additional service connection	\$100/visit/site

6. Sewer Service Connection Rehabilitation

1 – 100 mm	\$ 3500
1 – 150 mm	\$ 4000

7. Sealing a Discontinued Sewer Service Connection

\$1000 per service

8. Special Fees and Considerations

All connection fees are for an application for a service connection to a single property unless otherwise stated. Service connection configurations not covered in this Schedule are subject to the Director's approval, and will be charged for "at cost".

Service connection fees under section 3 of this Schedule A include rock removal up to a depth of 1.0 m. All additional rock removal costs shall be paid by the applicant at cost.

At cost service connections must pay for all rock removal on an at cost basis. The estimated cost of rock removal shall be determined at the time rock is encountered. These costs must be paid by the applicant prior to the City continuing the installation.

All service connections larger than 100 mm, and all connections installed on Arterial Roads or within the Downtown Core: at cost

All service connections that are requested to be installed outside normal working hours, where approved by the Director will be billed for at cost.

If the applicant is performing their own restoration on their property frontage in the area of a new service installation, at their cost, the Director will allow a rebate of \$200 per service trench.

9. Contaminated Soil

Where the removal of contaminated soil is required it shall be done at cost.

10. Archaeological Site

Costs associated with working in vicinity of an archaeological site shall be done at cost.

11. Administrative Charges

Where work is performed at cost an administrative charge of 18% must be calculated and added to the "at cost" total.

12. Stormwater User Fees

The stormwater user fee payable by an owner shall be determined by applying and totalling the four factors in the Stormwater User Fee Calculation Table below.

Stormwater User Fee Calculation Table

STORMWATER USER FEE CALCULATION TABLE

1.A IMPERVIOUS SURFACES FACTOR

	Fee (per sq meter)
	\$0.6042

2.A STREET/SIDEWALK CLEANING FACTOR

	Fee (per meter)
Local	\$1.67
Collector	\$3.76
Arterial	\$4.09
Downtown	\$40.25

2.B INTENSITY CODE FACTOR

	Fee (per property)
Low Density Residential	\$0.00
Multi Family Residential	\$85.29
Civic/Institutional	\$87.58
Commercial/Industrial	\$143.36

2.C CODES OF PRACTICE FACTOR

	Fee (per property)
Required to register under Stormwater Code of Practice Schedule E	\$158.55

11. Rainwater Management Credit Program

(a) Educational Programs

Except for a property that is used as a school, in order to qualify for a rainwater management credit an educational program for a Civic/Institutional or Commercial/Industrial property must relate to, describe and inform either the owner's employees or members of the public about a stormwater management facility that has been approved under the Rainwater Management Credit Program, that is located on the property, and that is functional and in good working condition. A qualifying educational program may include or consist of signs, brochures, or other graphic or printed information that is located in a prominent location on the property.

For a property that is used as a school, in order to qualify for a rainwater management credit an educational program must be included in the regular curriculum and form part of the regular teaching program for the school.

(b) Calculation of Credits

Where the owner of premises applies for participation in the rainwater management credit program, and the application is approved by the Director, a percentage credit for each approved credit type will be applied to the stormwater user fee in the amount(s) set out in the following tables.

Rainwater Management Credit Table – Low Density Residential Properties

Rainwater Best Management Practice (BMP)	Minimum Size	Min. Roof Area (m ²) directed to BMP	Ongoing Credit
Cistern	1200L	25	10%
Infiltration Chamber		25	10%
Rain Garden		25	10%
Bioswale		25	10%
Permeable paving - no infiltration trench/piping	10 m ²		10%
Permeable paving - infiltration trench/piping		25	10%

Rainwater Management Credit Table – Multi-Family Residential, Civic/Institutional and Commercial/Industrial Properties

	Minimum Impervious Area Treated (%)	Credit (%)
Infiltration Chamber / Rain Garden / Bioswale/ Permeable Pavement / Cisterns Plumbed for Indoors / Intensive Green Roofs	10	4
	15	7
	20	9
	25	11
	30	13
	35	16
	40	18
	45	20
	50	22
	55	24
	60	27
	65	29
	70	31
	75	33
	80	36
	85	38
	90	40
	Minimum Impervious Area Treated (%)	Credit (%)
Cisterns- Hand Use	10	2
	15	3
	20	4
	25	6
	30	7
	35	8
	40	9
	45	10
	50	11
	55	12
	60	13
	65	14
	70	16
	75	17
	80	18
	85	19
	90	20

	Minimum Impervious Area Treated (%)	Credit (%)
Cisterns - Irrigation System/ Extensive Green Roof	10	3
	15	5
	20	7
	25	8
	30	10
	35	12
	40	13
	45	15
	50	17
	55	18
	60	20
	65	22
	70	23
	75	25
	80	27
	85	28
	90	30

(c) **BMP (Design and Construction Requirements) Table**

The following table sets out additional requirements for the design and construction of stormwater retention and water quality facilities.

BMP	DIY Build	Tier A Contractor Build	Tier B, C & D Contractor Build
Rain Barrel	1	1	N/A
Cisterns - at grade	1	1	2
Cisterns - below grade	3	3	3
Cisterns - above grade	3	3	3
Rain Gardens	1	1	2
Bio Swales	1	1	2
Green Roof	N/A	3	3
Permeable Paving without Infiltration Trench/piping	1	1	2
Permeable Paving with Infiltration Trench/piping	2	1	3
Infiltration Chamber	3	3	3

1 Design and construction must follow City standards and specifications.

2 Design and construction must follow City standards and specifications.
Must be designed and installed under the supervision of a Qualified Designer.

3 Design and construction must follow City standards and specifications.
Must be designed and installed under the supervision of a Qualified Professional.
Green Roofs must be designed by and installed under the supervision of a Qualified Professional who is a professional architect or structural engineer

Inspections as required at specified intervals.

DIY Build - Owner is responsible for construction methods and adhering to design.
Failure to do so may result in rejection at owner's expense. City assumes no responsibility for rejection or liability for damages.

In the table above:

- (a) "Tier A", "Tier B", "Tier C" and "Tier D" mean, respectively, properties that are classified under section 28(4) of this bylaw as Low Density Residential, Multi-Family Residential, Civic/Industrial and Commercial/Industrial.
- (b) "DIY Build" means that the owner of Low Density Residential property constructs or installs the stormwater retention and water quality facility themselves, without the assistance of a contractor.