COUNCIL REPORT

Date: October 28, 2015
From: Andy Kwan, Manager, Utilities
Subject: Sewer and Drainage Utility Fees for 2016

RECOMMENDED THAT:

1. Sewer Utility fees be increased for 2016 to the amounts set out in Schedule A and B of the proposed “Sewer and Drainage Utility Fee Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015,” as attached;

2. Proposed “Sewer and Drainage Utility Fee Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015,” be read a first, second and third time; and

3. Proposed “Sewer and Drainage Utility Reserve Bylaw No. 4865, 2015” be read a first, second and third time.

Purpose

Further to Council’s direction established during the 2015 rate setting exercise, this report presents information in support of the proposed Sewer and Drainage Utility fee adjustments, and details the recommended increases for 2016.

1.0 Background

1.1 Prior Resolutions

Sewer and Drainage Utility Fee Bylaw No. 4538, 2007 (“Bylaw”) was adopted in 2008. Since that time, there have been several amendments, most commonly made on an annual basis to adjust fees.

1.2 History

The District’s Sewer and Drainage Utility conveys, treats, and disposes of sanitary sewage effluent and storm run-off for residents and businesses within the municipality. The collected fees go directly to providing sewer and drainage services, and can be broken down into five main areas:
1. Regional sewage treatment levy from Metro Vancouver (MV);
2. Operation and maintenance of the municipal Citrus Wynd Wastewater Treatment Plant;
3. Operation and maintenance of the sanitary sewer and storm drainage collection systems;
4. Renewal of the sanitary sewer and drainage systems (infrastructure management capital); and
5. Renewal of vehicles and equipment associated with these functions.

2.0 Policy

2.1 Policy

Historically the Sewer and Drainage Utility has operated under a pay-as-you-go approach. All costs attributable to the collection and treatment of sewerage have been borne by the utility, and are paid for in the year that they occur.

It is being proposed that a Sewer and Drainage Utility Reserve be established. The Reserve would:

- Provide a mechanism to accumulate funds for future infrastructure investments;
- Be consistent with Divisional long term financial planning;
- Mitigate the effects of escalating regional costs by providing an alternative to significant rate increases (rate stabilization); and
- Provide a funding source for operating emergencies which may occur from time to time.

The Reserve would be operated such that the planned annual contributions to capital are to be treated as Reserve Fund contributions and transferred to the Reserve. Through the financial plan process the Reserve would then serve as a funding source for the annual capital program. Unspent funds would remain within the Reserve. As the utility’s annual contribution to capital approaches the CPI-adjusted long-term infrastructure funding level, the Reserve would hold the funds until they are needed. A Budget Bylaw Amendment would be required for mid-year emergency appropriations from the Reserve.

The Reserve would be treated as appropriated equity and would accrue interest. The earned interest would become part of the accumulated balance of the Reserve and would be subject to the reserve guidelines for use.

There are no planned transfers to the Reserve for 2016. Once the Reserve is established, planned transfers will be incorporated into the financial plan.
2.2 Bylaw

*Sewer and Drainage Utility Fee Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015,* is a bylaw to amend the fees related to the use of the municipal Sewerage and Drainage System.

It is proposed that Sewer and Drainage Utility Reserve Bylaw No. 4865, 2015 be adopted by Council to establish a Sewer and Drainage Utility Reserve.

3.0 Analysis

3.1 Discussion

*Key Performance Indicators (Average Water Consumption per Capita)*

Water consumption serves as a proxy to annual sewer usage, due to the difficulties associated with accurately metering sewer usage. Currently single family homes are billed based on their annualized winter water consumption.

Figure 1 shows the declining trend in overall water consumption since 2004 (as represented by average daily per capita supplied volume).

Between 2004 and 2014, total water consumption decreased by 25% with the largest reductions occurring in 2006 and 2007, due to:

- Resident awareness of metering; and
- Identification and repair of private service connection leaks, downstream of the water meter.

![Average - Per Capita Daily Water Usage](image)

*Figure 1*

*Infrastructure Management Program*

The District remains committed to developing a comprehensive infrastructure
management plan for all District assets. Over the past number of years, particular focus has been paid to implementing an infrastructure management program for the Sewer and Drainage Utility.

This work included the completion of a high level infrastructure management study, the *Sanitary System Asset Management Plan* (February, 2010) for the Sewer and Drainage Utility (the full report is available on the District's website.) The plan outlines sustainable infrastructure replacement funding levels over the next 100 years:

This baseline study has formed the basis for expanding the asset management program, including the following upcoming initiatives:

- Continued condition assessment of sanitary and drainage infrastructure to better refine the District's infrastructure management needs;
- Development of a coordinated capital plan between the water, sewer and drainage, and roads systems to ensure cost-effective delivery of capital renewal works; and
- Development of a Sewer Collection System Master Plan and Integrated Stormwater Management Plan to identify capacity restrictions within the systems for subsequent incorporation into asset management efforts, and in response to new development and changing demands.

**Five Year Financial Plan (2016-2020)**

Short and long term cost drivers that have been incorporated into the Five Year Financial Plan (2016-2020) for the Sewer and Drainage Utility (Appendix A) are as follows:

- **Regional Sewer Levy**: the District's portion of the regional sewer levy in 2016 has increased a modest 0.44% over 2015.

  However, additional increases for 2017 to 2020 are projected at 6.0%, 6.5%, 7.0%, and 7.5%, respectively, as it is anticipated that significant costs related to the existing Lions Gate Wastewater Treatment Plant will be incurred. As the existing plant ages, the costs to maintain it are expected to rise. These projections are based on MV’s long range financial projections prepared in 2013, the last year projections were produced. Through 2016 as MV completes its budget cycle process updates it is expected that revised projections will be available.

- **Infrastructure Replacement**: the *Sanitary System Asset Management Plan* indicates that the annual replacement requirement over the next 100 years is approximately $3.5 million and $3.7 million (in 2009 dollars) for sanitary and drainage infrastructure, respectively.

  This figure compares to a current capital budget of approximately $2.4 million and $2.4 million respectively. Further to Council’s direction first provided
during the 2010 rate setting exercise, increases of $440,000 and $480,000 are proposed for sanitary and drainage capital programs in 2016.

In addition to the regular infrastructure funding, the 2016 allowances include a re-budgeting of a major 2015 capital project that will not completed in 2015, namely:

| Imperial Avenue Lift Station Replacement | A consultant was engaged in April to bring forward designs no later than October 1 in order to facilitate project completion in 2015. The consultant was not able to meet the deadline, and as such the component ordering and construction cannot be completed in 2015. | $370,000 |

Carry forward funding is being sought for this 2015 project, as the 2016 infrastructure renewal program contains significant projects. This adjustment will allow the renewal program to stay on track.

- **Funding:** annual increases of $440,000 and $480,000 for sanitary and drainage are proposed for 2016 – 2020 in order to achieve the CPI-adjusted long-term infrastructure funding level by 2020 (approximately $4.6 million and $4.8 million, respectively), which is the approach confirmed by Council last year.

The current funding plan will result in water, sanitary, and storm achieving the CPI-adjusted long-term infrastructure funding levels in 2020.

- **Equipment Replacement:** In an effort to have the utility functions carry the full cost of their operating and capital needs, the capital replacement of vehicles and equipment primarily used within the Utilities Department will be funded through the Utility Funds. In past years, these purchases had been funded through the General Fund. This change will more accurately reflect the true costs of operating the Utilities. An hourly capital charge will be added to the vehicle charge out rates to recover the capital cost as it is charged to operations, capital projects and third party work.

Planned 2016 Sewer capital vehicle and equipment purchases are:

<table>
<thead>
<tr>
<th>Type</th>
<th>Details</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pickup Truck</td>
<td>Replacement of M057 - has high mileage and is experiencing engine issues</td>
<td>$45,000</td>
</tr>
<tr>
<td>Single Axle Dump Truck</td>
<td>Replacement of M026 - vehicle is at the end of useful life and has structural integrity concerns.</td>
<td>$76,000</td>
</tr>
<tr>
<td>Pickup Truck</td>
<td>New acquisition to replace a leased vehicle. Lease cost savings will be realized.</td>
<td>$33,500</td>
</tr>
</tbody>
</table>
Sewer and Drainage Utility Fees for 2016

<table>
<thead>
<tr>
<th>Excavator</th>
<th>Replacement of backhoe M057. M057 is at the end of its useful life and is being replaced with an excavator which will better meet operational demands.</th>
<th>$110,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Vehicles &amp; Equipment</td>
<td></td>
<td>$264,500</td>
</tr>
</tbody>
</table>

- **Labour**: in addition to the contractual wage increase, a further $103,000 increase to the labour budget has been incorporated into the 2016 operating budget due to departmental restructuring and wage cost realignment.

Financial impacts associated with the following factors remain unknown, and thus have not been included at this time:

- **Costs associated with the District's share of the construction of a new secondary upgrade of the Lions Gate Wastewater Treatment Plant**: the MV rate increases presented above are the average for the Lower Mainland. Preliminary rate increases recently circulated suggest that MV rates for North Shore municipalities will be considerably higher than these region wide estimates. At this time, these estimates are dependent on many factors (such as senior government cost sharing) and are not reliable for use in financial planning.

- **Renewal/rehabilitation costs associated with aging MV infrastructure**: costs would be reflected in additional increases to the regional sewer levy in future years, as regional asset management work is proposed by MV for 2016.

**2016 Sewer Utility Expenditures**

Figure 2 shows the breakdown of the proposed Sewer Utility expenses for 2016.

![Sewer Utility - Proposed Rate Funded Expenses (2016)](image)

Figure 2

Additional revenue requirements anticipated for the 2016-2020 budget years are projected to be 10% for each year of the financial plan. These estimates are subject to change with continuing efforts related to development of the asset.
management program, as well as fluctuations in the cost of sewage treatment by MV.

The 10% utility fee revenue increase this year is in line with the increase for 2016 projected last year. In accordance with the past pay-as-you-go policy, the District has not attempted to anticipate the future increases in the MV sewer levy due to the anticipated replacement of the Lions Gate Wastewater Treatment Plant, however establishing the Reserve will allow stabilization of future rate increases to be considered.

This overall revenue requirement will result in predicted annual charges of $859 for the median single family household. These charges represent an increase of $109, over 2015.

Figure 3 illustrates the historical and proposed median customer bill for single family dwellings in the District from 2009 to 2020.

![Median Annual Sewer Bill](image)

**Figure 3**

**Conclusion**

Staff recommends that a utility fee revenue increase of 10% be approved for 2016.

This increase results in quarterly charges for single family, multi-family and commercial class users, as specified in Schedule A of the proposed Bylaw (Appendix B).

Staff also recommends the creation of a Sewer Utility Reserve (Appendix C).

3.2 Sustainability
The District’s universal metering program provides the ability for residents to monitor and control their water usage which helps to foster conservation. As the sanitary sewage use is closely related to the quantity of water used, conservation also results in savings for residents on their Sewer and Drainage Utility bills.

3.3 Consultation

The rate setting exercise for the Sewer and Drainage Utility Fund was a collaborative effort with Finance Department staff.

3.4 Communications Process

Presentation of the revenue requirement for the Sewer and Drainage Utility Fund is included as part of the communications related to the overall District Budget process.

4.0 Options

4.1 Council may:

- Approve the proposed bylaw amendments; or
- Defer consideration of the proposed bylaw amendments; or
- Request further information regarding the proposed bylaw amendments.

Author:

[Signature]

Manager, Utilities

Concurrence:

[Signature]

Director, Financial Services

Appendices:

Appendix B: Proposed “Sewer and Drainage Utility Fee Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015”.
Appendix C: Proposed “Sewage and Drainage Utility Reserve Bylaw No. 4865, 2015”.
# District of West Vancouver  
## Sewer Utility - 5 Year Financial Plan

### Summary

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Fee Revenue</td>
<td>$12,925,200</td>
<td>$12,925,200</td>
<td>$14,217,700</td>
<td>$15,639,500</td>
<td>$17,203,490</td>
<td>$18,923,800</td>
<td>$20,816,200</td>
</tr>
<tr>
<td>Storm Drainage DCDS</td>
<td>$100,000</td>
<td>$100,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment Recovery</td>
<td>$46,000</td>
<td>$46,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Developer Contributions</td>
<td>$</td>
<td>$</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Revenues</td>
<td>$13,071,200</td>
<td>$13,071,200</td>
<td>$14,217,700</td>
<td>$15,739,500</td>
<td>$17,203,490</td>
<td>$18,923,800</td>
<td>$20,816,200</td>
</tr>
</tbody>
</table>

### Expenses

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Expenses</td>
<td>$8,719,100</td>
<td>$8,719,100</td>
<td>$9,096,800</td>
<td>$9,738,200</td>
<td>$10,480,000</td>
<td>$11,240,000</td>
<td>$12,020,000</td>
</tr>
<tr>
<td>Administration Fee</td>
<td>$200,000</td>
<td>$200,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanitary Operating &amp; Maintenance</td>
<td>$1,322,000</td>
<td>$1,322,000</td>
<td>$1,430,300</td>
<td>$1,469,500</td>
<td>$1,507,100</td>
<td>$1,547,500</td>
<td>$1,587,000</td>
</tr>
<tr>
<td>Storm Operating &amp; Maintenance</td>
<td>$928,000</td>
<td>$928,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$10,261,100</td>
<td>$10,261,100</td>
<td>$11,457,200</td>
<td>$12,215,200</td>
<td>$13,034,200</td>
<td>$13,804,000</td>
<td>$14,584,000</td>
</tr>
</tbody>
</table>

### Annual Surplus / (Deficiency)

<table>
<thead>
<tr>
<th>Annual Surplus / (Deficiency)</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$(66,400)</td>
<td>$324,600</td>
<td>$(559,790)</td>
<td>$144,200</td>
<td>$297,800</td>
</tr>
</tbody>
</table>

### Annual Rate Revenue Requirement Increase

- Metro Vancouver Sewer Levy Increases
  - 0%
  - 6%
  - 6%
  - 5%
  - 7%

### Capital Expenditures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OVROD Levy</td>
<td>$5,726,000</td>
<td>$5,726,000</td>
<td>$6,179,400</td>
<td>$6,608,000</td>
<td>$6,995,700</td>
<td>$7,477,900</td>
<td>$8,000,000</td>
</tr>
<tr>
<td>Administration Fee</td>
<td>$200,000</td>
<td>$200,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanitary Operating &amp; Maintenance</td>
<td>$1,322,000</td>
<td>$1,322,000</td>
<td>$1,430,300</td>
<td>$1,469,500</td>
<td>$1,507,100</td>
<td>$1,547,500</td>
<td>$1,587,000</td>
</tr>
<tr>
<td>Storm Operating &amp; Maintenance</td>
<td>$928,000</td>
<td>$928,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$9,190,100</td>
<td>$9,190,100</td>
<td>$9,630,800</td>
<td>$10,142,000</td>
<td>$10,660,000</td>
<td>$11,126,000</td>
<td>$11,624,000</td>
</tr>
</tbody>
</table>

### Infrastructure Management

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Storm Infrastructure Management Program</td>
<td>$2,400,000</td>
<td>$2,400,000</td>
<td>$2,680,000</td>
<td>$3,360,000</td>
<td>$3,640,000</td>
<td>$3,920,000</td>
<td>$4,200,000</td>
</tr>
<tr>
<td>Sanitary Infrastructure Management Program</td>
<td>$2,400,000</td>
<td>$2,400,000</td>
<td>$2,680,000</td>
<td>$3,360,000</td>
<td>$3,640,000</td>
<td>$3,920,000</td>
<td>$4,200,000</td>
</tr>
<tr>
<td>Total</td>
<td>$4,800,000</td>
<td>$4,800,000</td>
<td>$5,360,000</td>
<td>$6,720,000</td>
<td>$7,560,000</td>
<td>$8,440,000</td>
<td>$9,400,000</td>
</tr>
</tbody>
</table>

### Equipment Replacements

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisitions</td>
<td>$401,500</td>
<td>$401,500</td>
<td>$204,500</td>
<td>$240,000</td>
<td>$285,000</td>
<td>$325,000</td>
<td>$365,000</td>
</tr>
<tr>
<td>Repairs</td>
<td>$46,000</td>
<td>$46,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$447,500</td>
<td>$447,500</td>
<td>$250,500</td>
<td>$240,000</td>
<td>$285,000</td>
<td>$325,000</td>
<td>$365,000</td>
</tr>
</tbody>
</table>

### Fund Balances

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Fund (Rate Stabilization)</td>
<td>$2,055,500</td>
<td>$3,355,100</td>
<td>$1,305,300</td>
<td>$2,190,200</td>
<td>$2,624,900</td>
<td>$3,346,600</td>
<td>$4,472,800</td>
</tr>
<tr>
<td>Equipment Renewal Fund</td>
<td>$(61,000)</td>
<td>$(61,000)</td>
<td>$(53,000)</td>
<td>$(53,000)</td>
<td>$(53,000)</td>
<td>$(53,000)</td>
<td>$(53,000)</td>
</tr>
<tr>
<td>Capital Fund</td>
<td>$200,000</td>
<td>$200,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub-Total - Reserves</td>
<td>$1,737,500</td>
<td>$3,064,100</td>
<td>$1,478,000</td>
<td>$1,600,000</td>
<td>$1,979,000</td>
<td>$2,714,800</td>
<td>$3,844,800</td>
</tr>
<tr>
<td>Storm DCDS Balance</td>
<td>$3,615,084</td>
<td>$3,628,453</td>
<td>$3,753,000</td>
<td>$3,876,000</td>
<td>$4,004,500</td>
<td>$4,184,200</td>
<td>$4,369,700</td>
</tr>
<tr>
<td>Total</td>
<td>$5,353,784</td>
<td>$5,672,553</td>
<td>$5,234,000</td>
<td>$5,476,000</td>
<td>$5,984,500</td>
<td>$6,899,000</td>
<td>$8,214,500</td>
</tr>
</tbody>
</table>

### Notes

- Current Five Year Plan Includes the following Assumptions
- Estimated contractual staff/弋ures increases
- 3% CPI increase for five years 2016-2019
- Increases to the Metro Vancouver Sewer Levy as provided by Metro Vancouver (see above)
- Increases in the Infrastructure Management Program to reach CPI adjusted sustainable funding levels, by 2020
This page intentionally left blank
District of West Vancouver

Sewer and Drainage Utility Fee
Bylaw No. 4538, 2007,
Amendment Bylaw No. 4860, 2015

Effective Date:
District of West Vancouver

Sewer and Drainage Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015

Table of Contents

Part 1  Citation ......................................................................................................................... 1
Part 2  Severability ..................................................................................................................... 1
Part 3  Part and Section Titles .................................................................................................. 1
        Schedule A: Sewer Meter Base Rates .................................................................................. 3
Sewer and Drainage Utility Fee Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015

District of West Vancouver

Sewer and Drainage Bylaw No. 4538, 2007,
Amendment Bylaw No. 4860, 2015

A bylaw to amend the fees related to the use of the Municipal Sewerage and Drainage System

Previous amendments: Amendment Bylaws 4585, 4588, 4623, 4665, 4707, 4742, 4773, and 4820, 4822.

WHEREAS the Council of The Corporation of the District of West Vancouver deems it expedient to amend the Sewer and Drainage Utility Fee Bylaw No. 4538, 2007;

NOW THEREFORE, the Council of The Corporation of the District of West Vancouver enacts as follows:

Part 1 Citation

1.1 This bylaw may be cited as Sewer and Drainage Utility Fee Bylaw No. 4538, 2007, Amendment Bylaw No. 4860, 2015.

Part 2 Severability

2.1 If a portion of this bylaw is held invalid by a Court of competent jurisdiction, then the invalid portion must be severed and the remainder of this bylaw is deemed to have been adopted without the severed section, subsection, paragraph, subparagraph, clause or phrase.

Part 3 Part and Section Titles

3.1 Sewer and Drainage Utility Fee Bylaw No. 4538, 2007 is amended as follows:

3.1.1 Deleting Schedule “A” and replacing with new Schedule “A,” as attached hereto.
Schedules

Schedule A: Sewer Meter Base Rates

READ A FIRST TIME on {}
READ A SECOND TIME on {}
READ A THIRD TIME on {}
ADOPTED by the Council on {}

__________________________________
Mayor

__________________________________
Municipal Clerk
Schedule A: Sewer Meter Base Rates

1. Sewer Base Charge Per Unit (Quarterly)

<table>
<thead>
<tr>
<th>Customer Class</th>
<th>Sanitary</th>
<th>Drainage Levy</th>
<th>Quarterly Fixed Charge: Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Family Residential</td>
<td>$28.76</td>
<td>$91.30</td>
<td>$120.06</td>
</tr>
<tr>
<td>Multi-Family Residential</td>
<td>$28.76</td>
<td>$91.30</td>
<td>$120.06</td>
</tr>
<tr>
<td>Commercial</td>
<td>$28.76</td>
<td>$91.30</td>
<td>$120.06</td>
</tr>
<tr>
<td>No Water Sewer*</td>
<td>$28.76</td>
<td></td>
<td>$251.99</td>
</tr>
</tbody>
</table>

*No Water Sewer: customers, who are not charged metered water, pay a flat rate based on the median SFR monthly bill.

Per section 5.2.1 of “Sewer and Drainage Utility Fee Bylaw No. 4538, 2007,” the rates shown in Schedule “A” shall be subject to a discount of ten (10) percent, provided full payment for the current billing is made on or before the close of business on the due date set out on the billing form.
### Schedule B: Sewer Meter Volume Rates

1. **Metered Sewer Volume Rates**
   **Based on Quarterly Consumption**

<table>
<thead>
<tr>
<th>Customer Class</th>
<th>Volume Charge Per Cubic Meter (m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Family Residential*</td>
<td>$1.84</td>
</tr>
<tr>
<td>Multi-Family Residential**</td>
<td>$1.84</td>
</tr>
<tr>
<td>Commercial**</td>
<td>$1.84</td>
</tr>
</tbody>
</table>

*Single Family Residential Volume Rate applied quarterly to average winter period usage.
**All other class rates applied to total water usage.

For discharge of contaminated groundwater to the sewer system the fee is $1.50 per cubic meter for groundwater discharged.

Per section 5.2.1 of “Sewer and Drainage Utility Fee Bylaw No. 4538, 2007” the rates shown in Schedule “B” shall be subject to a discount of ten (10) percent, provided full payment for the current billing is made on or before the close of business on the due date set out on the billing form.
Sewer and Drainage Reserve Fund Bylaw
Bylaw No. 4865, 2015

Effective Date:
District of West Vancouver

Sewer and Drainage Reserve Fund
Bylaw No. 4865, 2015

Table of Contents

Part 1  Citation .................................................................................................................. 1
Part 2  Severability .......................................................................................................... 1
Part 3  Definitions ............................................................................................................ 1
Part 4  Terms of the Fund ................................................................................................ 2
District of West Vancouver

Sewer and Drainage Reserve Fund Bylaw No. 4865, 2015

A bylaw to create a Sewer and Drainage Reserve Fund

WHEREAS the Council of The Corporation of the District of West Vancouver deems it expedient to establish a reserve fund under Section 188 (1) of the Community Charter, to be known as the Sewer and Drainage Reserve Fund;

AND WHEREAS Council wishes to clarify the purpose and allowable uses of this Reserve;

NOW THEREFORE, the Council of The Corporation of the District of West Vancouver enacts as follows:

Part 1 Citation

1.1 This bylaw may be cited as Sewer and Drainage Reserve Fund Bylaw No. 4865, 2015.

The Sewer and Drainage Reserve Fund Reserve

Part 2 Severability

2.1 If a portion of this bylaw is held invalid by a Court of competent jurisdiction, then the invalid portion must be severed and the remainder of this bylaw is deemed to have been adopted without the severed section, subsection, paragraph, subparagraph, clause or phrase.

Part 3 Definitions

3.1 In this bylaw:

   a. “Annual Financial Plan” means the Financial Plan adopted by the District pursuant to Section 165 of the Community Charter;

   b. District" means the District of West Vancouver;
c. "Director of Financial Services" means that member of District staff assigned the responsibility of financial administration under Section 149 of the Community Charter;

d. "Fund" means the Sewer and Drainage Fund;

e. "Prevailing rate" means, in any given year, the average annual rate of interest earned by the funds invested by the Director of Financial Services on behalf of the District;

f. "Sewer and Drainage system works" means any and all buildings, infrastructure, equipment, or other items required in order to deliver Sewer and Drainage services in the District of West Vancouver.

**Part 4 Terms of the Sewer and Drainage Reserve Fund**

4.1 The Sewer and Drainage Fund Reserve shall be made up of:

a) That portion of the annual District Sewer rates and annual District Drainage rates designated as the Sewer and Drainage Fund Reserve contributions;

b) Interest earned at the prevailing rate on the average annual balance in the Fund; and

c) Any other amounts designated by Council as contributions to the Fund.

4.2 Use of the Fund

The Fund may be used to:

a) Finance the acquisition or construction of sewer and drainage system works;

b) Repay debt and the interest on such debt incurred in order to finance the acquisition or construction of sewer and drainage system works; and

c) Contribute to the stabilization of District sewer and District drainage rates.

4.3 Funding of Services

Annual expenditures projected to be financed from the Fund shall form part of the Annual Financial Plan of the District, and no expenditures shall be made from the Fund that have not previously been included in the
Sewer and Drainage Reserve Fund Bylaw No. 4865, 2015

Annual Financial Plan as approved or amended.

Monies from the Fund shall be expended pursuant to Council resolution.

READ A FIRST TIME on [Date]

READ A SECOND TIME on [Date]

READ A THIRD TIME on [Date]

ADOPTED by the Council on [Date].

______________________________
Mayor

______________________________
Municipal Clerk
This page intentionally left blank