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ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE

WEDNESDAY, APRIL 27, 2011 - 3:30 P.M.

CVRD Boardroom, 175 Ingram Street

AGENDA

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7. NEW BUSINESS:

8. CLOSED SESSION No closed session items

9. ADJOURNMENT

The next meeting of the Engineering & Environmental Services Committee will be held May 25, 2011.

Distribution:
Director Cossey, Chair
Director Kuhn, Vice-Chair
Director Dorey
Director Duncan
Director Giles
Director Harrison
Director Haywood
Director Iannidinardo
Director Kent
Director Marcotte
Director Morrison

As Well As:
Warren Jones, CAO
Brian Dennison, General Manager, Engineering & Environmental Services
Bob McDonald, Manager, Recycling & Waste Diversion
Dave Leitch, AScT., Manager, Water Management
Kate Miller, Manager, Regional Environmental Policy
Mark Kueber, Manager, Corporate Services

Agenda Cover Only:
Directors Hutchins, McGonigle, Seymour, Walker
Tom Anderson, General Manager, Planning & Development
Joe Barry, Corporate Secretary

The Full Agenda Package is available on-line at: http://cvrd.bc.ca/Archive.asp?AMID=50

Minutes of the regular meeting of the Engineering & Environmental Services Committee held in the CVRD Boardroom, 175 Ingram Street, Duncan, on March 23, 2011 at 3:30 p.m.

PRESENT: Director Cossey, Chair
Director Kuhn, Vice-Chair
Directors Dorey, Duncan, Giles, Harrison, Haywood, Iannidinardo, Marcotte, McGonigle, Morrison

ABSENT: Director Kent

ALSO PRESENT: W. Jones, CAO, CVRD
B. Dennison, P. Eng., General Manager, E & E
D. Leitch, AScT., Manager, Water Management
B. McDonald, Manager, Recycling & Waste Management
K. Miller, Manager, Regional Environmental Policy
J. Ellis, Manager, Corporate Planning
J. Bath, Recording Secretary

APPROVAL OF AGENDA

A revised staff report for Item R-4 was distributed.

It was moved and seconded that the agenda be approved as amended.

MOTION CARRIED

ADOPTION OF MINUTES

It was moved and seconded that the minutes of the February 23, 2011 regular Engineering & Environmental Services Committee meeting be adopted.

MOTION CARRIED

BUSINESS ARISING OUT OF MINUTES

BA1

The General Manager, Engineering & Environmental Services advised that staff are looking into available funding from BC Hydro for District Energy.

DELEGATIONS

D1

Mr. Joseph Gollner, coordinator of Cameron Taggart (CT) Group introduced Dr. Daniel Marshall.

It was moved and seconded that Dr. Marshall be allotted 15 minutes for his presentation.

MOTION CARRIED

Dr. Marshall provided the Committee with a synopsis of an independent review carried out by Jonathan Secter of Secter Environmental Resource Consulting on the final social impact, environmental assessment and traffic impact studies made public by the CVRD. Dr. Marshall concluded that, as the independent review still found these reports to be inadequate, the project to build an Eco Depot on this site be rescinded.

The Chair thanked the CT Group for their presentation.

REPORTS

R1

Request from Ocean Terrace Development for inclusion into the Sentinel Ridge Drainage and Streetlighting Service Areas.

The Director for Electoral Area A voiced concern regarding financial impact for residents in Sentinel Ridge if Ocean Terrace is included in the Sentinel Ridge service areas for drainage and street lighting.

It was moved and seconded that Item R1 be referred back to staff to look into inviting the property owners between the two developments to be part of this service area.

MOTION CARRIED

R2

A staff report was considered regarding a entering into a contract with Asit Mazumder for water quality research project on Shawnigan Lake.

It was moved and seconded that it be recommended to the Board that the Chair and Corporate Secretary be authorized to sign the "Climate Impacts and Adaptations for Waterborne Pathogens and Sustainable Clean and Healthy Water for Communities" five year contract with Dr. Asit Mazumder.

MOTION CARRIED

R3

Amendment of Bylaw No. 1958 – CVRD Garbage and/or Recyclable Materials Collection.

It was moved and seconded that it be recommended that "CVRD Bylaw No. 3477 – Cowichan Valley Regional District Garbage and/or Recyclable Materials Collection Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.

MOTION CARRIED

R4 Cowichan Bay Sewer Service Area Amendment request from the Cowichan Bay Estates development.

It was moved and seconded that it be recommended to the Board:

1. **That the *Certificate of Sufficiency*, confirming that sufficient petitions requesting inclusion into the Cowichan Bay Sewer Service Area be received.**
2. **That the boundaries of the Cowichan Bay Sewer System area be amended to include *"PID 009-032-649, Parcel B (DD 47244I), Section 6, Range 4, Except parts in Plan 4159, 4307, 8219, 9529, 17353, 19696 and VIP 81664, Cowichan District and PID 005-167-841, Lot 1, Section 5, Range 4, Plan 10957 except that part of said lot shown outlined in red on plan 1659-R and parts in plans 15342, 16358, 18893 and VIP 81664".***
3. **That CVRD Bylaw 3489 – Cowichan Bay Sewer Service Amendment Bylaw, 2011 be forwarded to the Board for consideration of 3 readings and adoption.**

MOTION CARRIED

R5 Twin Cedars Sewer System amendment to the Utility Transfer Agreement

It was moved and seconded that it be recommended that the Board accept the Utility Transfer Amendment Agreement between the CVRD and the developers of the Twin Cedars development, Harbour City Ventures Corp, and Elise Holdings Ltd., and further that the Chair and Corporate Secretary be authorized to sign the Utility Transfer Amendment Agreement.

MOTION CARRIED

R6 Planning Grants for Saltair Water System Modelling Study and Electoral Area A - Water System Integration Study.

It was moved and seconded that it be recommended to the Board that the CVRD support application through the Ministry of Community, Sport and Cultural Development Infrastructure Grant Funding Program for the following infrastructure planning study grants:

1) **Carry out an engineering assessment on the feasibility of integration of small water systems in Electoral Area A, to be funded to a maximum cost of $15,000, with $2,500 each from the Fern Ridge and Kerry Village Water System budgets, and $10,000 through the Provincial Infrastructure Planning Grant Program.**
2) **Carry out a water modeling study of the Saltair Water System, to be funded to a maximum cost of $15,000, with $5,000 from the Saltair Water System budget and $10,000 through the Provincial Infrastructure Planning Grant Program.**

MOTION CARRIED

R7 Amendment of Bylaw No. 2108 - Solid Waste Management Charges and Regulations.

It was moved and seconded that it be recommended to the Board:

1. **That CVRD Bylaw No. 3476 – Solid Waste Management Charges and Regulations Amendment Bylaw, 2011 be forwarded to the Board for consideration of three readings and adoption.**
2. **That "CVRD Bylaw No. 3490 – Solid Waste Remediation Reserve Fund Establishment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**

MOTION CARRIED

R8 Right of Way Agreement and Honeymoon Bay Water Service Area Amendment to include TimberWest lands.

Director Iannidinardo excused herself from the room due to a conflict of interest. (4:57 p.m.)

It was moved and seconded that it be recommended to that Board:

1. **That the CVRD accept the Right of Way Agreement between the CVRD and TimberWest, and that the Chair and Corporate Secretary be authorized to sign the Agreement.**
2. **That the *Certificate of Sufficiency*, confirming that a sufficient petition requesting inclusion into the Honeymoon Bay Water Service Area be received.**
3. **That the boundaries of the Honeymoon Bay Water System area be amended to include *"PID 018-871-020 Lot 2, Section 38, Plan VIP 59274, Renfrew District (situate in Cowichan Lake District".***
4. **That "CVRD Bylaw No. 1588 – Honeymoon Bay *Local Service (Community Water Supply and Distribution)* Establishment Bylaw No. 10, 1993", be amended to include *PID 018-871-020 Lot 2, Section 38, Plan VIP 59274, Renfrew District (situate in Cowichan Lake District,* and that the amended bylaw be forwarded to the Board for consideration of three readings and adoption.**

MOTION CARRIED

Director Iannidinardo rejoined the meeting at 5:08 p.m.

NEW BUSINESS

NB1 The following motion was referred from the Electoral Area Services Committee meeting of March 1, 2011:

> *"That the issue of drafting provisions to prohibit burning of construction materials be referred to the Engineering and Environmental Services Department for review."*

The Committee discussed the need to have a bylaw that would prohibit the burning of construction debris.

Staff were asked to include information regarding outdoor burning in the mail-out being distributed with curbside collection invoices.

It was moved and seconded that staff create a bylaw to prohibit the burning of construction site materials.

MOTION CARRIED

QUESTIONS FROM THE PUBLIC

1. Staff were asked what control measures are being used to control vectors in the collection of compostable materials? Staff provided an overview of how this is handled.

2. The Committee were asked what initiatives the CVRD are taking to improve air quality? The Chair and staff provided several that are under way.

ADJOURNMENT

It was moved and seconded that the meeting be adjourned.

MOTION CARRIED

The meeting adjourned at 5:25 p.m.

_____ _____
Chair Recording Secretary

Dated: _____

Request to Appear as a Delegation

D1

Meeting Information

Request to Address:

◉ CVRD Board ○ Committee

If Committee, specify the Committee here:

RSC

Meeting Date: 04/27/11

Meeting Time: 6:00pm

Applicant Information

Applicant Name: Melissa Noel, Coordinator

Representing: Coastal Invasive Plant Committee (Name of organization if applicable)

As: (Capacity / Office)

Number Attending: 1

Applicant Contact Information

Applicant Mailing Address: PO Box 48114, 3575 Douglas St.

Applicant City: Victoria

Applicant Telephone: 250-857-2472

Applicant Fax: n/a

Applicant Email: info@coastalinvasiveplants.com

Presentation Topic and Nature of Request:

The CIPC would like to request either a meeting or presentation with the Cowichan Valley Regional District, to provide information on the following topics:

1. Update on local invasive plant issues;
2. Summarize the work completed locally by CIPC Hot Spots crews in 2009-2010;
3. Summarize the goals of the CIPC's recently developed regional strategy;
4. Present management options (regulatory and non-regulatory) that are currently available for local governments; and
5. Discuss the CIPC's upcoming (coordinated) local invasive plant management initiatives.

RSC 4/27/11

EL

Coordinating Invasive Plant Management:
Coastal Invasive Plant Committee (CIPC)
www.coastalinvasiveplants.com

April 27th, 2011

Prepared for: Cowichan Valley Regional District: Regional Services Committee
Presented by: Melissa Noel, Coordinator

OBJECTIVES:

1. Provide information on invasive plants, their current distribution and impacts.
2. Provide practical ways to improve current management programs in the region.

BACKGROUND

The Issue:

- The south coast has greatest number of invasive plants in the province.
- New invasive plants are stretching local government capacity for management, resulting in significant threats to public health, and negative impacts to the environment and economy.
- Left unmanaged, invasive plants can increase exponentially in distribution and density, requiring more resources to control them and cause greater impacts.
- Negative impacts associated with invasive species extend far beyond changes to park land aesthetics and may include risks to public health and safety loss of forage in agricultural areas and biodiversity in natural areas, risks to water quality, increased risk of wildfire and de-valuation of privately owned lands.
- In this time of limited resources and competing priorities, it is imperative to manage lands strategically and to collaborate where possible.

STRATEGIC MANAGEMENT

Guiding Principles of the CIPC's Invasive Plant Management Strategy (2010):

- Emphasis on prevention through awareness, education training and coordination with land managers both within and surrounding the region
- Recognizing financial limitations, focus control efforts on species / sites that occur in limited distribution at low density - where chances for success are highest
- Focus on "high value sites" such as parks, protected areas and ecological reserves
- Focus on invasive plants that pose high ecological, economic and /or health risks
- Develop regional programs to address local issues and coordinate management efforts

REGIONAL COOPERATION:

1. Provincial Government
   - Administers and maintains provincial legislation and policy (Weed Control Act and regulation, the Forest and Range Practices Act and the Invasive Plant Regulation, Community Charter Spheres of Concurrent Jurisdiction – Environment and Wildlife Regulation, the Integrated Pest Management Act and regulations, the Oil and Gas Activities Act and the Environmental Protection and Management Regulation, as well as other relevant acts).

- Represent BC on provincially-led initiatives for coordination of invasive plant management and strategic policy development.
- Cooperate and participate in cross-border initiatives to address provincial invasive plant issues.
- Undertake management of invasive plants on provincial Crown land as funding permits
- Maintain and enhance the provincial Invasive Alien Plant Program (IAPP) Application to track invasive plant populations, treatments and monitoring activity on all land in BC.
- Provide stable resourcing to address invasive plant issues on Crown land and to support collaborative invasive plant management across the province.

2. Local Governments
   - Administer and maintain local bylaws pertaining to invasive plant management.
   - Develop and/or disseminate local invasive plant management information/extension resources promoting public awareness.
   - Undertake treatment and inventory of invasive species within local government jurisdiction, as resources permit.
   - Collaborate with partners across all levels of government and non-government to achieve local and regional invasive plant management objectives.

3. Coastal Invasive Plant Committee (CIPC)
   - Educate community members and land managers on Vancouver Island, the Gulf Islands and Sunshine Coast about the impacts of invasive plants.
   - Provide access to a province wide network of invasive plant specialists, the latest science based approaches for integrated plant management, and opportunities to participate in provincial initiatives for improved management with partnership funding.
   - Deliver cross-jurisdictional invasive species programs as funding permits, which may include:
     - Public education
     - Standardized training
     - Coordinate inventory & control, including supervision of field crews

SUMMARY AND CONCLUSIONS

- Weeds know no borders and the challenges of managing invasive species cannot be resolved in isolation.
  Prevention, early detection and response to new infestations are the most cost effective management strategies.
- Cross-jurisdictional coordination of managing invasive species improves land management, information sharing and cost effectiveness, while eliminating duplication of efforts.
- Benefits of regional coordination include enhanced public satisfaction and confidence, increased public awareness and a reduction of health risks to the public .
- Regional coordination will increase the capacity of smaller jurisdictions to better manage invasive species.
- Local governments may also qualify for provincial support funding to offset program costs, by demonstrating a commitment to managing priority invasive plants and cooperating with regional land management partners.

Request to Appear as a Delegation

D2

Meeting Information

Request to Address:

○ CVRD Board ◉ Committee

If Committee, specify the Committee here:

Regional Services Committee

Meeting Date: 04/27/2011

Meeting Time: 6 pm

Applicant Information

Applicant Name: Sarah Verstegen

Representing: SeaChange Marine Conservation Society (Name of organization if applicable)

As: Cooridnator, SIPAS (Capacity / Office)

Number Attending: 3

Applicant Contact Information

Applicant Mailing Address: PO Box 75

Applicant City: Brentwood Bay

Applicant Telephone: 250-652-1662

Applicant Fax: 250-652-2110

Applicant Email: sverstegen@shaw.ca

Presentation Topic and Nature of Request:

We would like to give a brief overview of the completed work of Saanich Inlet and Peninsula Atlas of Shorelines (SIPAS. The study area included CVRD from Bamberton Provincial Park to Cherry Point. The ArcView GIS data base is complete and will be delivered to CVRD staff for CVRD use. Arrangements are being made to present more detailed use of the database to CVRD staff.

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STAFF REPORT

R1

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 1, 2011 **FILE NO:** Bylaws

FROM: Louise Knodel-Joy, Senior Engineering Technologist Water Management Division

SUBJECT Sewer System Management Amendment Bylaws

Recommendation:
That it be recommended to the Board:

1. **That "CVRD Bylaw 3478, Cowichan Bay Sewer System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
2. **That "CVRD Bylaw 3479, Eagle Heights Sewer System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
3. **That "CVRD Bylaw 3480, Mesachie Lake Sewer System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
4. **That "CVRD Bylaw 3484, Maple Hills Sewer System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
5. **That "CVRD Bylaw 3486, Youbou Sewer System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**

Relation to the Corporate Strategic Plan: Provides a reliable essential service.

Financial Impact: *(Reviewed by Finance Division: _____)*
Increases to the above noted utility systems user fees have been reflected in the 2011 Budget to maintain viable services and assist in the recovery of rising operational costs.

Background:
As well as the user fee increases, minor housekeeping revisions are included in the amendment bylaws.

Submitted by,

Louise Knodel-Joy
Senior Engineering Technologist
Water Management Division

LKJ/jlb

Reviewed by:
Division Manager:

Approved by:
General Manager:

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C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3478

A Bylaw to Amend the Cowichan Bay Sewer System Management Bylaw No. 2476

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Cowichan Bay Sewer System pursuant to "CVRD Bylaw No. 2476, cited as "CVRD Bylaw No. 2476 – Cowichan Bay Sewer System Management Bylaw, 2003";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedule B to the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3478 - Cowichan Bay Sewer System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this	_____	day of	_____	, 2011.
READ A SECOND TIME this	_____	day of	_____	, 2011.
READ A THIRD TIME this	_____	day of	_____	, 2011.
ADOPTED this	_____	day of	_____	, 2011.

_____ Chairperson

_____ Corporate Secretary

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SCHEDULE B

TO CVRD BYLAW NO. 2476

SEWER SERVICE CHARGES

(a) ***Consumers*** of ***Sewer Services*** shall pay the minimum billing set out in sub-section (b) below. A 10% discount will be applied for timely payment.

(b) Minimum Sewer Classification Charge per Six (6) month billing period

Classification	Charge
Single Family Dwelling – Per Dwelling	115.00
STEP System – Per dwelling	97.75
Apartment – Per Unit	97.75
Float Home – Per Unit	57.50
Live-aboard Boats – Per Unit	38.33
Mobile Home Park – Per Unit	115.00
RV Trailer Park/Campground:	
a) Site Connected to Sewer: Per serviced pad or site	57.50
b) Site not Connected to Sewer: Per pad or site	11.50
Hotel/Motel:	
a) Room or Suite: - Per unit	46.00
b) Kitchenette or Housekeeping Unit	69.00
Restaurants - Per seat:	6.90
Licensed Premises - per seat:	11.50
Laundromat: Minimum charge for each washing machine:	115.00
Commercial:	
Minimum charge for the first 5 employees or portion thereof per shift	57.50
Each additional 5 employees or portion thereof per shift	57.50
School - Minimum charge per classroom	115.00

.../2

Classification	Charge
Continuing Care Facility: Minimum charge for each bed	86.25
Bed & Breakfast/Rooming House: The minimum charge for such facility shall include the minimum charge for a single family dwelling unit plus a minimum charge for each and every guestroom	
a) Single Family Dwelling:	115.00
b) Per guest room	46.00
Fish-processing Plant	853.33

Other
There should be a minimum of 1 unit applied to each connection if the above calculation yields less than one, where calculation yields an uneven number round to the higher whole number

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Septic Tank Effluent Pumping (STEP):
Applies to a connection that pumps grey water and retains solids in a holding tank. The rate is calculated at 85% of the Single-family Dwelling rate to offset the cost of septic tank pump–outs (typically a maximum of every 5-years).

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Float Home:
Applies to a connection servicing a structure located on water incorporating a floatation system intended for use or being occupied for residential purposes, containing one dwelling unit only, not primarily intended for or usable in navigation, and does not include a water craft designed or intended for navigation.

Live-aboard:
Applies to a connection servicing a vessel licensed or registered by Transport Canada as suitable for navigation, which serves as a residence of its owner.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

.../3

RV Trailer Park/Campground:
Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

.../4

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Fish-processing Plant:
Applies to a ***Sanitary Sewer*** connection servicing a facility involved in the processing of aquatic life. The effluent discharge from such facilities into the **Sewer** system must be pre-treated and fully comply with CVRD effluent quality standards and discharge volume limitations.

Other:
The volume of discharge to be apportioned for other types of developments that do not fall within the above classifications. Single-family residential equivalents shall be calculated at 1.18 m3 (259 Igal.) per day metered for calculated flow, rounded to the higher whole number.

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COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3479

A Bylaw to Amend the Eagle Heights Sewer System Management Bylaw No. 1926

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Eagle Heights Sewer System pursuant to "CVRD Bylaw No. 1926, cited as "CVRD Bylaw No. 1926 – Eagle Heights Sewer System Management Bylaw, 1999";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedule B to the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3479 - Eagle Heights Sewer System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this _____ day of _____ , 2011.

READ A SECOND TIME this _____ day of _____ , 2011.

READ A THIRD TIME this _____ day of _____ , 2011.

ADOPTED this _____ day of _____ , 2011.

_____ Chairperson

_____ Corporate Secretary

C·V·R·D

SCHEDULE B

TO CVRD BYLAW NO. 1926

SEWER SERVICE CHARGES

(a) ***Consumers*** of ***Sewer Services*** shall pay the minimum billing set out in sub-section (b) below. A 10% discount will be applied for timely payment.

(b) Minimum Sewer Classification Charge per Six (6) month billing period

Classification	Charge
Single Family Dwelling – Per Dwelling	120.00
STEP System – Per dwelling	102.00
Apartment – Per Unit	102.00
Mobile Home Park – Per Unit	120.00
RV Trailer Park/Campground:	
a) Site Connected to Sewer: Per serviced pad or site	60.00
b) Site not Connected to Sewer: Per pad or site	12.00
Hotel/Motel:	
a) Room or Suite: - Per room or suite	48.00
b) Kitchenette or Housekeeping Unit (per room or suite)	72.00
Restaurants - Per seat:	7.20
Licensed Premises - per seat:	12.00
Laundromat: Minimum charge for each washing machine:	120.00
Commercial:	
Minimum charge for the first 5 employees or portion thereof per shift	60.00
Each additional 5 employees or portion thereof per shift	60.00
School - Minimum charge per classroom	120.00

.../2

Classification	Charge
Continuing Care Facility: Minimum charge for each bed	90.00
Bed & Breakfast/Rooming House: The minimum charge for such facility shall include the minimum charge for a single family dwelling unit plus a minimum charge for each and every guestroom.	
a) Single Family Dwelling:	120.00
b) Per guest room	48.00

Other
There should be a minimum of 1 unit applied to each connection if the above calculation yields less than one, where calculation yields an uneven number round to the higher whole number

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Septic Tank Effluent Pumping (STEP):
Applies to a connection that pumps grey water and retains solids in a holding tank. The rate is calculated at 85% of the Single-family Dwelling rate to offset the cost of septic tank pump–outs (typically a maximum of every 5-years).

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

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Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

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Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Other:
The volume of discharge to be apportioned for other types of developments that do not fall within the above classifications. Single-family residential equivalents shall be calculated at 1.18 m3 (259 Igal.) per day metered for calculated flow, rounded to the higher whole number.

C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3480

A Bylaw to Amend the Mesachie Lake Sewer System Management Bylaw No. 1970

WHEREAS the Board of the Cowichan Valley Regional District established the management of the *Mesachie Lake Sewer System* pursuant to CVRD Bylaw No. 1970, cited as "CVRD Bylaw No. 1970 – Mesachie Lake Community Sewerage System Management Bylaw, 1999";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to update the language of the bylaw and revise Schedules A, B and C.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3480 - Mesachie Lake Sewer System Management Amendment Bylaw, 2011".**

2. **AMENDMENT**

a) That the Section 1 citation be deleted and replaced with the following:

This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 1970 – Mesachie Lake Sewer System Management Bylaw, 1999".**

b) That Parts I through IX be deleted in entirety and replaced with the following Sections 2 through 12:

2. DEFINITIONS

In this bylaw, unless the context otherwise requires:

"Air" means the atmosphere but, except in a ***Sewer*** or a ***Sewage Facility*** or as the context may otherwise require, does not include the atmosphere inside a constructed enclosure that is not open to the weather.

"Air Contaminant" means any ***Substance*** or odour whether gaseous, liquid, solid, or a combination that is emitted into the ***Air*** and that:

(a) injures or is capable of injuring the health or safety of a person;
(b) injures or is capable of injuring property or any life form;
(c) interferes with or is capable of interfering with visibility;

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(d) interferes with or is capable of interfering with the normal conduct of business;
(e) causes or is capable of causing material physical discomfort to a person, or,
(f) damages or is capable of damaging the environment.

"Applicant" means a request for one of the following:

(a) a ***Waste Discharge Permit***;
(b) to amend, add or delete a term or condition of a ***Waste Discharge Permit***;
(c) to change the activity that is the subject of a ***Waste Discharge Permit***;
(d) to renew a ***Waste Discharge Permit***;
(e) an ***Authorization***.

"Authorized" or ***"Authorization"*** means that ***Authorization*** in writing by the ***Manager*** upon such terms and conditions as specified therein;

"Biomedical Waste" means biomedical waste as defined in the "Guidelines for the Management of Biomedical Waste" established by the Canadian Council of Ministers of the Environment (CCME) and dated February 1992, or the most current regulations and guidelines as determined by the ***Manager***.

"Biosolids" means treated municipal ***Wastewater Sludge*** that meets quality criteria for beneficial use as a fertilizer or soil amendment product.

"BOD" means Biochemical Oxygen Demand, being the quantity of oxygen utilized in the biochemical oxidation of organic ***Substance***s under standard laboratory procedures in 5 days at 20 degrees Celsius expressed in milligrams per litre, as determined by the appropriate procedure in ***Standard Methods***.

"Capable of Connection" means that the parcel of land abuts a street, lane, public ***Sewer*** right-of-way or easement, upon or under which there is a ***Sewermain*** with excess capacity and that the ***Sewer*** service connection will have adequate cover at the property line, and drain towards the ***Sewer,*** and allowing the house or building to be connected to the service connection by either a gravity building ***Sewer***, or a pump and forcemain.

"COD" means Chemical Oxygen Demand, being a measure of the equivalent of the organic matter content of a sample that is susceptible to oxidation by a strong chemical oxidant, as determined by the appropriate procedure in ***Standard Methods***.

"Combined Sewer" means a ***Sewer*** designed for the collection and transmission of ***Uncontaminated Water***, ***Wastewater***, and ***Stormwater***.

"Committee" means a standing committee, comprised of representatives from the ***Regional Board***, which the Engineering & Environmental Services Department reports to.

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"Composite Sample" means a sample of ***Waste*** which is composed of equivalent portions of a specified number of ***Grab Samples*** collected manually or automatically at the same sampling point, at specified times or flow intervals during a specified sampling period.

"Condensed Water" means water, which is produced through the process of condensation and includes condensate drainage from refrigeration equipment, air conditioning equipment and steam heating systems.

"Consumer" means the owner or occupant of property that is serviced by, connected to and uses the ***Mesachie Lake Sewer System***.

"Contaminate" means any ***Substance***, whether gaseous, liquid or solid, whether dissolved or suspended, or any ***Wastewater*** quality parameter that, when present above a certain concentration in ***Wastewater***:

(a) injures or is capable of injuring the health or safety of a person;
(b) injures or is capable of injuring property or any life form;
(c) interferes or is capable of interfering with the proper operation of a ***Sewer*** or sewerage facility;
(d) causes or is capable of causing material physical discomfort to a person; or
(e) damages or is capable of damaging the environment.

"Daily Flow" means the total flow over a 24-hour period, as measured by an approved calibrated flow meter.

"Discharge" means to directly or indirectly introduce a ***Substance*** into a ***Sewer*** or ***Sewage Facility*** by spilling, disposing of, abandoning, depositing, leaking, seeping, pouring, draining, emptying, or by any other means.

"District" means the Cowichan Valley Regional District.

"District Water" means water carried by a community water system operated and managed by the ***District***.

"Domestic Sewage" means ***Sanitary Waste*** produced on a ***Residential Property***.

"Domestic Waste" means ***Sanitary Waste*** or the water-carried wastes from drinking, culinary purposes, washing, bathing, laundering or food processing which is produced on a ***Residential Property*** and is ***Discharged*** directly or indirectly into a ***Sewer*** connected to a ***Sewage Facility*** operated by the ***District***.

"Enactment" means any applicable act, regulation, bylaw, or ***Authorization***, by a federal, provincial, regional or municipal government or their ***Authorized*** representatives.

"Environmental Management Act" means the Environmental Management Act of the Province of British Columbia or any legislation that replaces the Environmental Management Act.

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"Grab Sample" means a sample of ***Waste*** collected at a particular time and place.

"Hazardous Waste" means hazardous waste as defined in the BC Environmental Management Act.

"Hazardous Waste Regulation" means the Hazardous Waste Regulation enacted pursuant to the Environmental Management Act.

"Hazardous Waste Regulation Leachate Quality Criteria" means the ***Contaminant*** concentrations for leachate set out in Schedule 4 of the ***Hazardous Waste Regulation.***

"High Volume Discharge" means any ***Discharge*** of ***Non-domestic Waste*** into a ***Sewer*** in excess of 2.57 cubic metres per day (550 Imperial Gallons per day) or 90 cubic metres over any consecutive 30-day period, but not including water from a ***Pool.***

"Improvement District" means an Improvement District incorporated under the Local Government Act.

"Manager" means the person duly appointed General Manager of the Engineering & Environmental Services Department by the ***Regional Board***, or his designate.

"Mass Loading" means the concentration of a constituent multiplied by the flow rate.

"Mesachie Lake Sewer System" means the ***Sewer*** system currently servicing the ***Mesachie Lake Sewer System Service Area*** including all ***District*** buildings, structures, sewage, collection, treatment, disposal facilities, equipment, electrical works, pumping stations, forcemains, ***Sanitary Sewermains***, appurtenances, ***Sewer Service Connections***, and all sewage works designated for the collection and disposal of sewage together with all lands appropriated for such purposes and uses.

"Mesachie Lake Sewer System Service Area" means a service area established and defined by bylaw, within which the ***District*** manages and operates a Sewer System Service Area.

"Metered District Water" means ***District*** water supplied to ***Consumers*** through individual meters located on serviced connections from a community water system operated and managed by the CVRD.

"Monitoring Point" means an access point to a ***Sewer***, ***Private Drainage Systems*** or other ***Sewer*** for the purpose of:

(a) measuring the rate of flow or volume of ***Wastewater*** being ***Discharged*** from a ***Premises***;

(b) collecting representative samples of ***Wastewater*** being ***Discharged*** from a ***Premises***.

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"Monthly Average" means the arithmetic mean of all measurements taken over a calendar month.

"Municipality" means any participating member city, town, or other incorporated area of the ***District***.

"Non-domestic Waste" means all ***Waste*** except ***Domestic Waste***, ***Trucked Waste***, ***Sanitary Waste***, ***Stormwater*** and ***Uncontaminated Water***.

"Oil and Grease" means an organic ***Substance*** or ***Substances*** recoverable by procedures set out in ***Standard Methods*** or procedures ***Authorized*** by the ***Manager*** and includes, but is not limited to, hydrocarbons, esters, fats, oils, waxes and high-molecular weight carboxylic acids.

"Owner" means any person who is registered under the Land Title Act as the owner of land, or any other person who is in lawful possession of land, or who is in lawful possession or occupancy of any buildings situated on the land.

"Parcel Tax" means an annual tax levied on each parcel of land within the ***Mesachie Lake Sewer System Service Area***.

"PCB" means any mono-chlorinated, de-chlorinated, or polychlorinated biphenyl or any mixture that contains one or more of these.

"Pesticides" means pesticides regulated under the Pesticide Control Act of British Columbia.

"pH" means the expression of the acidity or basicity of a solution as defined and determined by the appropriate procedure described in ***Standard Methods***.

"Phenols" means the hydroxyl derivatives of aromatic hydrocarbons as determined by the appropriate procedure described in ***Standard Methods***.

"Pool" means any water receptacle designed for decorative purposes or used for swimming, or as a bath or hot tub designed to accommodate more than one bather at a time, or designed for decorative purposes.

"Premises" means any land or building or both, or any part thereof.

"Private Drainage System" means a privately owned assembly of pipes, fittings, fixtures, traps and appurtenances that is used to convey ***Wastewater***, ***Uncontaminated Water***, ***Stormwater***, or foundation drainage to a ***Sewer***, ***Sewage Facility***, or a private ***Wastewater*** disposal system.

"Private Sewer Service Pipe" means that part of the ***Sewer Service Pipe*** located within the boundaries of the property being serviced, or outside the boundaries of a CVRD Statutory right-of-way, and which is connected to, or intended to connect to the ***Mesachie Lake Sewer System*** via a ***Sewer Service Connection.***

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"Prohibited Waste" means prohibited waste in Article A of Schedule F of this bylaw.

"Radioactive Materials" means radioactive materials as defined in the Atomic Energy Control Act of Canada and Regulations under that Act.

"Regional Board" means the Board of Directors of the Cowichan Valley Regional District.

"Residential Property" means a property that is used primarily for the purposes of residence by persons on a permanent, temporary or seasonal basis.

"Restricted Waste" means restricted waste as defined in Article "B" of Schedule F of this bylaw.

"Sanitary Sewer" means a ***Sewer*** which carries ***Sanitary Waste*** or ***Wastewater***, but which is not intended to carry ***Stormwater*** or ***Uncontaminated Water***.

"Sanitary Waste" means ***Waste*** that contains human feces, urine, blood or body fluids originating from sanitary conveniences or other sources.

"Seasonal Use" means the use of the ***Sewer Service(s)*** for a dwelling, unit or recreational accommodation that is not continuously inhabited for more than three months in any calendar year or that is inhabited from time to time for not more than four months in any calendar year.

"Sewer" means all pipes, conduits, drains, and other equipment and facilities, owned or otherwise under the control or jurisdiction of the ***District***, or one or more municipalities, for collecting, pumping, and transporting ***Wastewater*** either to a ***Sewage Facility***, or otherwise and includes all such pipes, conduits, drains, and other equipment and facilities, which connect with those of the ***District*** or one or more municipalities.

"Sewer Charges" means the charges set out in the applicable Schedule(s) forming part of this bylaw.

"Sewer Extension" means any installation requiring the construction of a 200-mm diameter ***Sewermain***, or larger, within a public road allowance or right-of-way or easement, from the most convenient existing ***Sewer***, but does not include a ***Sewer Service Connection*** or a ***Private Sewer Service Pipe***.

"Sewer Extension Application Charge" means the charges as set out in the applicable Schedule(s) forming part of this bylaw.

"Sewage Facility" means works owned or otherwise under the control, or jurisdiction of the ***District***.

"Sewermain" means a pipe forming part of the community sewage collection system, other than those pipes serving as ***Sewer Service Connections***.

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"Sewer Service Charges" means the charges as set out in the applicable Schedule(s) forming part of this bylaw.

"Sewer Service Connection Charges" means the charges as set out in the applicable Schedule(s) forming part of this bylaw.

"Sewer Surcharge Rates" means the rates as set out in the applicable Schedule(s) forming part of this bylaw, and are applied in proportion to the amount of ***Metered District Water*** consumed by a user.

"Sewer Rates" means the rates set out in the applicable Schedule(s) forming part of this bylaw.

"Sewer Service(s)" means the collection, treatment and disposal of sewage.

"Sewer Service Connection" means the ***Sewer*** pipe and its integral appurtenances that are placed from the ***Sewermain*** to the boundary of the property being serviced; or from the ***Sewermain*** to the boundary of the right-of-way, when the ***Sewermain*** is located in a right-of-way in favour of the ***District***.

"Sewer Service Pipe" means the conduit connecting a ***Sewermain*** that is part of the ***Mesachie Lake Sewer System*** with lands or buildings and consisting of both a ***Sewer Service Connection*** and a ***Private Sewer Service Pipe***.

"Sharps" means hypodermic needles, hypodermic syringes, blades, broken glass, and any devices, instruments or other objects that have acute rigid corners, edges or protuberances.

"Sludge" means ***Wastewater*** containing more than 0.5% total solids.

"Spill Reporting Regulation" means the Spill Reporting Regulation enacted pursuant to the Environmental Management Act Regulation.

"Standard Methods" means the latest edition of "Standard Methods of Examination of Water and Wastewater" jointly prepared and published from time to time by the American Public Health Association, American Water Works Association, and the Water Pollution Control Federation.

"Storm Sewer" means a ***Sewer*** for the collection and transmission of ***Stormwater*** or ***Uncontaminated Water***.

"Stormwater" means water resulting from natural precipitation from the atmosphere that is intended to be transported in a ***Storm Sewer***, or a ***Combined Sewer*** or a ***Watercourse***.

"Substance" includes any solid, liquid or gas.

"Suspended Solids" means the portion of total solids retained by a filter, as determined by the appropriate procedure in ***Standard Methods***.

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"Trucked Waste" means any ***Waste*** that is collected and transported from the site where the ***Waste*** originated by means other than ***Discharge*** to a ***Sewer*** including, but not limited to, holding tank water, septic tank waste, chemical toilet contents, ***Oil and Grease*** from interceptors or traps, and other ***Sludge*** of organic or inorganic origin.

"Total Ammonia" means the sum of the concentrations or masses of ionized ammonia and un-ionized ammonia.

"TN (Total Nitrogen)" means the sum of the concentrations or masses of organic nitrogen, ***Total Ammonia***, nitrite and nitrate.

"TP (Total Phosphorus)" means the sum of the concentrations or masses of organic phosphates, ortho-phosphates and polyphosphates.

"Treasurer" means the person duly appointed ***Treasurer*** by the ***Regional Board***, or his duly appointed delegate.

"Uncontaminated Water" means any water excluding ***Stormwater***, but including cooling water, ***Condensed Water*** and water from municipal ***Waterworks***, or a private water supply to which no ***Contaminate*** has been added as a consequence of its use, or to modify its use by any person.

"Unit" means an "area within" a building which is segregated and self-contained and, in the case of multiple units, the units may be owned or rented by different persons or organizations.

"Waste" means any ***Substance*** whether gaseous, liquid or solid, that is or is intended to be ***Discharged*** or discarded, directly or indirectly, to a ***Sewer*** or ***Sewage Facility***.

"Waste Discharge Permit" means a ***Waste Discharge Permit*** issued by the ***Manager***.

"Wastewater" means the composite of water and water-carried ***Waste*** from residential, commercial, industrial or institutional ***Premises***, or any other source.

"Wastewater Sludge" means the removed material resulting from chemical treatment, coagulation, flocculation, sedimentation, flotation, or biological oxidation of ***Wastewater***.

"Water" includes seawater, surface water, groundwater and ice.

"Watercourse" means:

(a) a river, stream, creek, waterway, lagoon, lake, spring, swamp, marsh or other natural body of water; or

(b) a canal, ditch, reservoir or other man-made surface feature whether it contains or conveys water continuously or intermittently.

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"Waterworks" means any works owned, or otherwise under the control or jurisdiction of the ***District***, or one or more of its member ***Municipalities***, or a privately owned water system, or an ***Improvement District*** that collects, treats, transports, or stores drinking water.

"Works" includes:

(a) a drain, ditch, ***Sewer*** or ***Waste*** disposal system including a sewage treatment plant, pumping station or outfall;

(b) a device, equipment, land or a structure that:
(i) measures, handles, transports, stores, treats, or destroys ***Waste*** or a ***Contaminant***; or
(ii) introduces ***Waste*** or a ***Contaminant*** into the environment;

(c) an installation, plant, machinery, equipment, land; or a process that causes or may cause a release of a ***Contaminant*** into the environment, or is designed, or used to measure or control, the introduction of ***Waste*** into the environment, or to measure or control a ***Contaminant***;

(d) an installation, plant, machinery, equipment, land or a process that monitors or cleans up a ***Contaminant*** or ***Waste***.

3. ADMINISTRATIVE POLICY

1. (a) The responsibility for the construction, operation and maintenance of the ***Mesachie Lake Sewer System*** is hereby vested in the ***Manager*** who shall operate the same under the established policy of the ***Regional Board***.

(b) No construction, operation or maintenance work of any kind or nature not specifically authorized by this bylaw, shall be performed on the whole or any part of the ***Mesachie Lake Sewer System*** except as ***Authorized*** in writing by the ***Manager***.

(c) Ownership of ***Mesachie Lake Sewer System:*** The ***Mesachie Lake Sewer System*** required for treatment, disposal and collection of sewage from the ***Owner's*** property, and constructed, whether at the ***Owner's*** expense or ***District's*** expense in present or future public highways or within ***District*** right-of-way property, shall be the property of the ***District***.

2. (a) The ***District*** may supply ***Sewer Service*** as circumstances, collection, treatment and disposal capacity permit.

(b) No ***Sewer Service(s)*** shall be supplied to any parcel of land or ***Premises*** outside of the ***Mesachie Lake Sewer System Service Area*** except by special agreement with the ***District,*** and/or the expansion of the sewer system service area by CVRD bylaw.

(c) No person shall allow wastewater, sewage, septage or any form of liquid or substance to be brought into the ***Mesachie Lake Sewer System Service Area*** for the sole purpose of disposal directly or indirectly into the ***Mesachie Lake Sewer System***

unless otherwise approved by the CVRD and other agencies having jurisdiction.

(d) All reasonable efforts will be made to ensure a continuous ***Sewer Service***; however, the ***District*** does not guarantee to the ***Consumer*** an uninterrupted discharge of sewage, nor shall any failure to provide an uninterrupted supply of ***Sewer Service***, or to meet any such standard be construed as neglect on the part of the ***District***.

3. Any person authorized by the ***Manager*** shall have free access, at all reasonable times and upon reasonable notice given and request made, to all parts of every building or other ***Premises*** to which ***Sewer Services(s)*** are supplied for the purpose of inspecting, repairing, or disconnecting any ***Sewer Service Pipe*** and appurtenances within a serviced structure or located on the lands in question.

4. (a) The ***Manager*** may, upon reasonable notice, limit or restrict ***Sewer Services*** within all or any part of the ***Mesachie Lake Sewer System Service Area***, however, in emergency situations, notice may not be given.

   (b) The ***District*** is not liable for damages caused by the breakage or failure of the ***Mesachie Lake Sewer System Service Area***.

5. Any person before proceeding with, or authorizing any construction that is, or is proposed to be located under, across or along any sanitary ***Sewer***, forcemain, or other sewage works forming part of the ***Mesachie Lake Sewer System***, shall notify the ***Manager*** in writing of his intention to proceed with the same and if it shall, in the opinion of the ***Manager***, become necessary as a consequence to support or relocate such ***Sanitary Sewer***, or other sewage works, the cost of supporting or relocating the same shall be charged against that person and the ***Manager*** shall supervise and direct the supporting or relocating of such ***Sanitary Sewer*** or other sewage works.

6. Any person(s) who has proceeded with, or who has authorized any construction that is located under, over, across or along any ***Sewermain*** or other ***Sewer*** works forming a part of the ***Mesachie Lake Sewer System*** shall be liable for any damage caused by such construction. If the damage is not remedied to the satisfaction of the ***Manager*** in reasonable time as determined by him, the ***Manager*** may have such damage repaired, upon giving notice to such person(s), and the cost of the repairs shall be borne by such person(s).

4. SEWER RATES AND SEWER CHARGES

1. (a) Revenues for the ***Mesachie Lake Sewer System*** may be raised by ***Sewer Rates, Sewer Charges*** and ***Parcel Taxes.***

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(b) If in any fiscal year the revenues generated by the rates and charges set out in sub-section (a) do not meet the expenditures of the ***Mesachie Lake Sewer System Service Area***, the deficit may be covered by a duly authorized increase in any or all of the charges set out in sub-section (a) for the succeeding fiscal year.

(c) All revenue raised by the methods herein described or ***Authorized*** shall be applied to the ***Mesachie Lake Sewer System.***

2. (a) ***Consumers*** of ***Sewer Service(s)*** who receive ***Metered District Water*** shall be charged the ***Sewer Charges*** set out in Schedule A.

(b) ***Consumers*** of ***Sewer Service(s)*** who do not receive ***Metered District Water*** shall pay the ***Sewer Charges*** set out in Schedule B.

(c) Person(s) desiring the extension of the ***Mesachie Lake Sewer System*** to lands which they own, or occupy, shall make formal application and pay the appropriate charges as set out in Schedule E and comply with Parts 5 and 6 of this bylaw.

(d) Person(s) requiring the miscellaneous services set out in Part 7 of this bylaw shall pay the charges therefore set out in Schedule D.

3. (a) The ***Sewer Rates*** and ***Sewer Charges*** set out in Schedules A, B, C, D and E shall be subject to periodic review by the ***Manager*** and the ***Committee*** who may make recommendations on the revision of the said Schedules to the ***Regional Board.***

(b) Schedules A, B, C, D, E, and F may be revised by bylaws enacted by the ***Regional Board.***

5. SEWER CONNECTION SERVICE

1. (a) An ***Owner*** of lands within the ***Mesachie Lake Sewer System Service Area*** which abut a Sewer, line that is part of the ***Mesachie Lake Sewer System*** may apply to have his property connected to the ***Mesachie Lake Sewer System.***

(b) No connection shall be made to the ***Mesachie Lake Sewer System*** until an application for ***Sewer Service*** has been completed and approved by the ***Manager.***

(c) A ***Sewer Service Connection*** application shall be in the form provided by the ***Manager***, and shall be certified to be correct and signed by the ***Applicant***, and shall be submitted at least four (4) weeks prior to the date by which connection to the ***Mesachie Lake Sewer System*** is required.

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(d) ***Sewer Service Connection*** applications for property located within the ***Mesachie Lake Sewer System Service Area*** must be made prior to the issuance of a building permit, where such permit is necessary.

(e) Waste Discharge Permit Applications:

i.) Where a ***Sewer Service Connection*** is to be installed for other than single- family residential use, or where more than 90 m^3 of ***Non-domestic Wastewater*** will be discharged in any 30-day period, or where any ***Restricted Waste*** will be deposited in the ***Sanitary Sewer*** system, an application will be submitted to the ***District*** in the form of a Schedule F to this bylaw, and a ***Waste Discharge Permit*** shall be completed before connecting the ***Premises*** to the ***Sanitary Sewer*** system.

ii) All ***Sewer Service Connection(s)*** for other than single-family residential use which is in existence at the date of adoption of the bylaw will complete a ***Waste Discharge Permit***.

iii) An ***Owner*** or occupier who intends to expand or alter a facility, for other than single-family use, which is in existence at the date of adoption of this bylaw such that the effluent flow rate would increase by more than 25% (based on a monthly average of the effluent ***Daily Flow*** rates), or would increase the effluent concentration of any contaminant listed under Article "B" of Schedule F to this bylaw by of more than 25% (based on a monthly average of one-operating-day ***Composite Sample*** concentrations), or would increase the effluent mass load of any ***Contaminant*** of more than 25% (based on a monthly average of the effluent ***Daily Flow*** rates multiplied by the ***Monthly Average*** of one-operating-day ***Composite Sample*** concentrations) will require the discharger to apply for a new ***Waste Discharge Permit***. The ***Manager*** may require the discharger to apply for a new ***Waste Discharge Permit*** if the flow in any one-day increases to a volume that would limit the capacity of the downstream users.

(f) Applications for ***Sewer Service Connection(s)*** shall be accompanied by a deposit equal to the ***Sewer Service Connection Charge(s)*** as set out in Schedule C.

(g) The ***Manager*** may refuse a ***Sewer Service Connection*** application where, in his opinion, the ***Mesachie Lake Sewer System*** might be adversely affected, or where, in his opinion, there is insufficient sewage collection and treatment disposal available.

2. (a) ***Applicants*** for ***Sewer Service Connection*** shall pay the ***Sewer Service Connection Charge*** set out in Schedule C and upon completion of the ***Sewer Service Connection***, the deposit made pursuant to Section 5.1 (f) shall be applied in payment of such charges.

(b) When a new ***Sewer Service Connection*** is installed, the ***Sewer Rate*** levied shall be prorated in accordance with appropriate charges set out in the appropriate Schedule and shall be computed as determined by the ***Treasurer***.

(c) Where an abandoned ***Sewer Service Connection*** is in place on or adjacent to an ***Applicant's*** lands, the ***Applicant*** may apply to have the ***Sewer Service Connection*** reconnected and shall at such time apply to have the ***Sewer Service Connection*** inspected, shall pay the inspection fee set out in Schedule C, and shall expose the ***Sewer Service Connection*** and prepare it for inspection, provided, however, that the ***Manager*** may, upon inspecting such a ***Sewer Service Connection***, refuse to reconnect it if it is in his opinion defective, and his opinion on this matter shall be final.

3. (a) All work involved in the installation and maintenance of ***Sewer Service Connections*** to the ***Mesachie Lake Sewer System*** is to be performed by duly ***Authorized*** employees or agents of the ***District***.

(b) Where the ***Applicant*** for a ***Sewer Service Connection*** indicates in his application a desired location for the ***Sewer Service Connection***, the ***Sewer Service Connection*** will be located as indicated providing the proposed location is approved by the ***Manager***.

(c) Where the ***Applicant*** for a ***Sewer Service Connection*** does not indicate in his application a desired location for the ***Sewer Service Connection***, the ***Sewer Service Connection*** will be located as determined by the ***Manager***, and if the ***Applicant*** subsequently requires a relocation of the ***Sewer Service Connection***, such relocation is to be at the expense of the ***Applicant***.

4. (a) Unless otherwise directed by the ***Manager***, all ***Sewer Service Connections*** shall conform to the Cowichan Valley Regional District specifications and standards, and shall not be less than 100 mm in diameter for single-family dwellings or units and shall be laid at a minimum grade of two percent (2%), and shall not be less than 150 mm in diameter, complete with inspection chamber, for commercial, industrial, institutional or multi-unit dwellings, and shall be laid at a minimum grade of one percent (1%).

(b) Where practicable as governed by the depth of the ***Sewer***, the minimum depth of the ***Sewer Service Connection*** at the property line shall be one (1) metre. Where possible, the ***Sewer Service Connection*** will be installed with sufficient depth to provide natural drainage from the lowest floor of any building or structure except where natural drainage is impractical due to the relative elevation of the ***Sewer*** and the lowest floor of the building or structure.

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(c) No ***Sewer Service Pipe*** may be installed in, over or across the property of another person or located on an easement, or statutory right-of-way except by the written consent of the ***Owners*** concerned and the approval of the ***District*** in writing.

(d) Except as otherwise provided in this section, or directed in writing by the ***Manager***, separate and independent ***Private Sewer Service Pipes*** shall be provided to each building served by the ***Mesachie Lake Sewer System***.

(e) Separate and independent ***Sewer Service Connections*** shall be supplied to semi-detached residential ***Units*** where each ***Unit*** is separately owned and to row housing ***Units***, other than dwelling ***Units*** registered or to be registered under the B.C. The Strata Property Act, where each ***Unit*** is separately owned.

(f) Where more than one (1) parcel of land or ***Premises*** under separate ownership are served by a single ***Sewer Service Pipe***, the ***Manager*** may order the affected ***Consumers*** to disconnect from the single ***Sewer Service Pipe*** and connect directly to the ***Sewermain*** and all connection and plumbing alteration costs shall be borne by the ***Consumers***.

(g) If any ***Sewer Service Pipe*** is found not to comply with the drawings submitted, and approved by the ***Manager***, pursuant to Section 5.4 (a) and (b), the ***District*** shall not accept sewage from the ***Premises*** served by the said pipe until such time as the installation is made to agree with the approved drawings.

(h) Where CVRD records indicate a ***Sewer Service Connection*** exists to the property line of a parcel of land, the applicant shall make a reasonable effort at his own expense to find the service in a workman-like manner based on the information available. If the service cannot be found in consultation with the CVRD, the CVRD will determine a course of action which may include looking for the existing service or installing a new ***Sewer Service Connection***. This cost shall be borne by the ***Applicant***.

(i) If it is determined that "as-constructed" records were incorrect and a ***Sewer Service Connection*** does not exist, then an extension to the existing service or a new service connection will be installed at the ***Applicant's*** cost based on the direct and indirectly related cost incurred by the CVRD to carry out the work.

5. (a) The ***Owners*** of land shall be responsible for the installation of ***Private Sewer Service Pipes*** joining ***Sewer Service Connection***.

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(b) The ***Owners*** or occupants of land whose ***Premises*** are served by the ***Mesachie Lake Sewer System*** are responsible for providing a readily accessible 100-mm diameter clean-out, inspection chamber, pursuant to Section 5.4 (a) and (b), as near as possible at the point of connection between the ***Private Sewer Service Pipe*** and the ***Sewer Service Connection***.

(c) ***Private Sewer Service Pipe*** shall be installed in accordance with the requirements of the British Columbia Plumbing Code, and the requirements of other agencies having jurisdiction, and shall be constructed by the ***Owner*** entirely at his own expense. The ***Private Sewer Service Pipe*** shall be inspected by a CVRD representative prior to backfilling.

(d) The ***Private Sewer Service Pipe*** shall be maintained by the property ***Owner*** at his sole expense. Where any ***Sewer Service Pipe*** becomes stopped, or otherwise fails to function, the ***Owner*** or occupier of the ***Premises*** served shall first determine that the blockage is not located in his ***Private Sewer Service Pipe***, and then notify the ***Manager*** forthwith, and the ***Manager*** shall, as soon as practicable, arrange to have said ***Mesachie Lake Sewer System*** or ***Sewer Service Connection*** unstopped or otherwise restored to serviceable condition.

(d) Where any stoppage or failure is found to exist in the ***Sewer Service Connection*** or ***Private Sewer Service Pipe*** and can be attributed to the user or occupant, then all costs incurred by the ***District*** in restoring service and unstopping the ***Sewer Service Connection*** or ***Private Sewer Service Pipe*** shall be paid by such ***Owner*** upon demand and if unpaid on the thirty-first (31) day of December of the year in which such work is done, shall be deemed to be taxes in arrears on the property concerned.

(f) When any ***Private Sewer Service Pipe*** is abandoned, the ***Owner*** or his agent shall notify the ***Manager*** and the ***Owner*** shall effectively block up the building ***Sewer*** at the ***Sewer Service Connection*** with a watertight seal to be inspected and approved by the ***Manager***.

(g) Whenever practical the ***Sewer Service Connection*** shall be installed prior to installation of the ***Private Sewer Service Pipe*** and connection of the ***Private Sewer Service Pipe*** to the ***Sewer Service Connection*** shall be made by the ***Owner***. The ***District*** shall not be responsible to meet the elevation or connect to an existing ***Private Sewer Service Pipe*** installed by the ***Owner*** prior to installation of the ***Sewer Service Connection***.

(h) No ***Private Sewer Service Pipe*** shall be connected to a ***Sewer Service Connection*** until it has been inspected and approved by the ***Manager***.

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(i) Where, in the opinion of the ***Manager***, the infiltration and inflow from a ***Private Sewer Service Pipe*** exceeds that which would normally be associated with such pipe works and plumbing fixtures forming part of the ***Private Sewer Service Pipe***, the ***Manager*** may require the ***Owner*** to rectify the problem within reasonable time and entirely at the ***Owner's*** cost.

6. (a) Where, in the opinion of the ***Manager***, the ***Sewer Service Connection*** necessitates the installation of a manhole or inspection chamber at the property line, then the installation of the manhole or inspection chamber shall be the responsibility of the ***Applicant*** or ***Owner*** and the costs of such installation shall be borne by the ***Applicant*** or ***Owner***.

(b) The ***Manager*** may connect if required a ***Sewer Service Connection*** to an existing manhole.

(c) Where, in the opinion of the ***Manager***, a manhole or inspection chamber is required on the ***Sewer Service Connection*** but not yet constructed, the ***Manager*** may install the ***Sewer*** pipe and leave it plugged until a manhole or inspection chamber is constructed.

(d) Where a manhole or inspection chamber is connected after the installation of a ***Sewer Service Connection***, the person constructing the manhole or inspection chamber shall connect the ***Sewer Service Pipe*** to the manhole or inspection chamber, as directed by the ***Manager***, advise the ***Manager*** that such connection has taken place and request that the connection be inspected by the ***Manager***.

7. Where a ***Consumer*** requires the replacement of a ***Sewer Service Connection***, the existing ***Sewer Service Connection*** shall be disconnected and the cost of disconnecting the ***Sewer Service Connection*** as set out in Schedule C, is to be borne by the ***Consumer***.

8. No person shall make any temporary connection to any ***Sanitary Sewer*** except by special agreement with the ***District***.

6. EXTENSION TO THE MESACHIE LAKE SEWER SYSTEM SERVICE AREA

1. All extensions of the ***Mesachie Lake Sewer System*** shall be undertaken upon the recommendation of the ***Committee*** and pursuant to bylaws and policy of the ***Regional Board*** authorizing such extensions.

2. (a) ***Owner(s)*** of land within the ***Mesachie Lake Sewer System Service Area*** may file with the ***Manager*** a written request for an extension of the ***Mesachie Lake Sewer System*** and shall supply the ***Manager*** with such information with regard to the proposed extension as he may request. Such application shall be

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accompanied by a ***Sewer Extension Application Charge*** as set out in Schedule E.

(b) The ***Manager*** shall forward all requests for extensions of the ***Mesachie Lake Sewer System*** to the ***Committee.***

3. Extensions of the ***Mesachie Lake Sewer System*** may be undertaken upon such terms and conditions as the ***Regional Board*** may from time to time impose, including, but not limited to:

(a) In the event an ***Applicant*** wishes to proceed with an extension to the ***Mesachie Lake Sewer System***, the ***Manager*** may, with the approval of the ***Committee***, allow the extension, provided that the ***Applicant*** shall install the extension entirely at his own expense. The final cost to the ***Applicant*** of the ***Mesachie Lake Sewer System*** extension shall be the actual cost of design and construction together with a supervision charge in the amount stated in the approval to construct the extension and may include costs directly associated with upgrading existing facilities to accommodate the proposed development together with legal costs or other related costs incurred by the ***District*** and the ***Applicant.***

(b) Any extension to the ***Mesachie Lake Sewer System*** shall be constructed in accordance with the plans and specifications of the ***District*** and to the approval of the ***Manager.***

(c) Where a ***Sewer*** is extended, the minimum inside diameter shall be 200 mm and shall extend from the most convenient existing ***Sewer*** having sufficient surplus capacity and grade to carry the additional sewage resulting from the said extension, to a point opposite the furthest boundary of the last parcel of land to be served by the said extension. The decision regarding the point of connection to the public ***Sewer*** rests with the ***Manager.***

7. MISCELLANEOUS SERVICES

1. The ***District*** is responsible for the flushing, cleaning, rodding, unblocking and repairing of ***Sewer Service Connections.***

2. Where any ***Private Sewer Service Pipe*** is found to have been blocked or damaged through the action of the ***Consumer*** occupying the property served by the pipe, or through the actions of any other person, the cost of labour and materials used to repair such blockage or damage shall be the responsibility of the ***Owner.***

3. The ***Treasurer*** shall, upon written request accompanied by payment of the fee set out in Schedule D in respect to each separate parcel of land or ***Premises***, furnish any ***Applicant*** with a written certificate showing the arrears of ***Sewer Rates, Sewer Surcharge Rates, Sewer Charges*** and ***Parcel Tax*** due on, or in respect of, any parcel of land or ***Premises*** up to

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the date to which such ***Sewer Rates*** and ***Sewer Charges*** were last computed, the duration of the last billing period, and the net amount billed during that period.

4. Cheques submitted by ***Consumers*** for the payment of ***Sewer Rates, Sewer Surcharge Rates, Sewer Charges***, or ***Parcel Tax*** and subsequently dishonoured by the banks on which they are drawn, will be processed by the ***Treasurer*** for the charge set out in Schedule D.

8. BILLING AND COLLECTING SEWER SURCHARGE RATES AND SEWER CHARGES

1. (a) All ***Sewer Rates, Sewer Surcharge Rates***, and ***Sewer Charges*** shall be payable for services provided and shall be due and payable when rendered.

   (b) Subject to sub-section (c), regular billings for ***Sewer Rates*** or ***Sewer Surcharge Rates*** may be rendered annually, quarterly, monthly or bimonthly at the discretion of the ***Treasurer***.

   (c) The ***Treasurer*** may in writing direct that any ***Consumer*** receive regular billings for ***Sewer Rates*** or ***Sewer Surcharge Rates*** at any periodic interval other than the intervals set out in sub-section (b).

   (d) The ***Treasurer*** may with reasonable notice advance or delay any regular billing of ***Sewer Rates*** or ***Sewer Surcharge Rates***.

   (e) To protect the ***District*** against potential losses from unpaid ***Sewer Charges***, the ***Treasurer*** may, at his discretion, demand in writing a security deposit by way of cash, certified cheque, letter of credit or guarantee from a ***Consumer*** from whom delinquent charges and fees can not be applied to property taxes.

   (f) The amount of the security deposit shall be no less than an amount equal to a ***Consumer's*** estimated ***Sewer*** bill for a period of 180 days.

2. (a) All ***Sewer Rates*** and ***Sewer Surcharge Rates*** are established in amounts that reflect a discount for prompt payment in the percentage set out in the Schedules of this bylaw.

   (b) Where any billing for ***Sewer Rates*** or ***Sewer Surcharge Rates*** remains unpaid after sixty (60) calendar days after the invoice date, the ***Consumer*** shall lose the discount for prompt payment set out in Schedules A and B, and/or as shown on the ***Sewer*** bill after the due date established by the ***Treasurer***.

3. (a) All ***Sewer*** bills shall be distributed to ***Consumers*** by ordinary, prepaid mail or by any other means as deemed expedient and necessary by the ***Treasurer***.

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(b) ***Sewer Rates, Sewer Surcharge Rates*** and ***Sewer Charges*** may, at the discretion of the ***Treasurer***, be charged and billed to:

(i) the person requesting that ***Sewer*** services be provided, or

(ii) the person in occupation of the ***Premises*** served by the ***Mesachie Lake Sewer System***, or

(iii) the ***Owner*** of the ***Premises*** served by the ***Mesachie Lake Sewer System***.

(c) All ***Sewer Rates, Sewer Surcharge Rates*** and ***Sewer Charges*** for services rendered to buildings having multiple ***Units*** but served by a single ***Sewer Service Connection*** shall be charged and billed to the ***Owner*** of the building unless otherwise directed in writing by the ***Treasurer*** and agreed to by the ***Treasurer***.

(d) All ***Sewer Rates, Sewer Surcharge Rates*** and ***Sewer Charges*** for services rendered to buildings registered under The Strata Property Act shall be billed to the strata corporation unless otherwise directed in writing by the ***Treasurer*** and agreed to by the ***Treasurer***.

(e) Payment may be made, with no additional service charge, by personal cheque through the mail, by personal cheque, cash or debit in person at the Cowichan Valley Regional District office at 175 Ingram Street, Duncan, British Columbia, V9L 1N8, or by telephone or internet banking.

9. OFFENCES AND SANCTIONS

1. Every person who:

(a) wilfully hinders or interrupts, or causes or procures to be hindered or interrupted, the ***District***, or any of its officers, contractors, employees or agents, in the exercise of any of the powers conferred by this bylaw;

(b) lays or causes to be laid any pipe or ***Sewer*** to communicate with any pipe or ***Sewer*** of the ***Mesachie Lake Sewer System***, or in any way obtains use of ***Sewer Services*** without the consent of the ***District***;

(c) wilfully causes the ***Mesachie Lake Sewer System*** to be blocked, obstructed, or damaged in any way;

(d) discharges or throws, or causes, allows or permits to be discharged, deposited or thrown into any Sewer Service Area, plumbing fixtures connected thereto, manhole, inspection chamber or any other part of the ***Sewer*** system, any substance of any kind whatsoever that would tend to obstruct or injure the ***Mesachie Lake Sewer System***, or to cause any nuisance, or which will in any manner interfere with the proper functioning,

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maintenance or repair of the ***Sewer Service***, and will be dealt with under Schedule F of this bylaw.

(e) maliciously, wilfully, or negligently breaks, damages, destroys, uncovers, defaces, mars or tamper with any part of the Sewer Service Area is guilty of an offence and on summary conviction is liable to a fine of not more than $2,000.00.

2. Pursuant to the Local Government Act, any rates, charges and/or fees which remain unpaid after December 31 in any year shall be deemed to be taxes in arrears on the property concerned, with interest on those taxes in arrears calculated in accordance the Local Government Act.

10. SOURCE CONTROL

1. Refer to Schedule F for details.

11. REMAINDER OF BYLAW TO REMAIN INTACT

In the event that a Court of competent jurisdiction declares any portion of this bylaw ultra vires, then such portion shall be deemed to be severed from the bylaw to the intent that the remainder of the bylaw shall continue in full force and effect.

12. FORCE AND EFFECT – SCHEDULE A

Schedule A (Sewer Surcharge Rates {Metered Water Consumption}) may come into force and effect once a CVRD metered water system is in place.

c) That Schedules A, B and C be deleted in their entirety and replaced with Schedules A, B and C attached to and forming part of this bylaw.

READ A FIRST TIME this	_____	day of	_____	, 2011.
READ A SECOND TIME this	_____	day of	_____	, 2011.
READ A THIRD TIME this	_____	day of	_____	, 2011.
ADOPTED this	_____	day of	_____	, 2011.

_____ _____

Chairperson Corporate Secretary

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SCHEDULE A

TO BYLAW NO. 1970

SEWER SURCHARGE RATES (METERED WATER CONSUMPTION)

This Schedule is intended for metered water consumption. Sewer surcharge rates are calculated on a basis of water consumed, which is not applicable in this Bylaw.

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SCHEDULE B

TO CVRD BYLAW NO. 1970

SEWER SERVICE CHARGES

(a) ***Consumers*** of ***Sewer Services*** shall pay the minimum billing set out in sub-section (b) below. A 10% discount will be applied for timely payment.

(b) Minimum Sewer Classification Charge per Six (6) month billing period

Classification	Charge
Single Family Dwelling – Per Dwelling	137.50
STEP System – Per dwelling	116.88
Apartment – Per Unit	116.88
Mobile Home Park – Per Unit	137.50
RV Trailer Park/Campground:	
a) Site Connected to Sewer: Per serviced pad or site	68.75
b) Site not Connected to Sewer: Per pad or site	13.75
Hotel/Motel:	
a) Room or Suite: - Per unit	55.00
b) Kitchenette or Housekeeping Unit	82.50
Restaurants - Per seat:	8.25
Licensed Premises - per seat:	13.75
Laundromat: Minimum charge for each washing machine	137.50
Commercial:	
Minimum charge for the first 5 employees or portion thereof per shift	68.75
Each additional 5 employees or portion thereof per shift	68.75
School - Minimum charge per classroom	137.50
Continuing Care Facility: Minimum charge for each bed	103.13

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Classification	Charge
Bed & Breakfast/Rooming House: The minimum charge for such facility shall include the minimum charge for a single family dwelling unit plus a minimum charge for each and every guestroom	
a) Single Family Dwelling:	137.50
b) Per guest room	55.00

Other
There should be a minimum of 1 unit applied to each connection if the above calculation yields less than one, where calculation yields an uneven number round to the higher whole number

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Septic Tank Effluent Pumping (STEP):
Applies to a connection that pumps grey water and retains solids in a holding tank. The rate is calculated at 85% of the Single-family Dwelling rate to offset the cost of septic tank pump–outs (typically a maximum of every 5-years).

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

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Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

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Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Other:
The volume of discharge to be apportioned for other types of developments that do not fall within the above classifications. Single-family residential equivalents shall be calculated at 1.18 m3 (259 Igal.) per day metered for calculated flow, rounded to the higher whole number.

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SCHEDULE C

TO CVRD BYLAW NO. 1970

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1. Parcel Tax Being Paid

The ***Sewer Service Connection Charges*** for property, which has been paying the annual Parcel Tax, are outlined below:

.1 EXISTING LOT (permits servicing of one unit or building).

(a) An application for ***Sewer Service*** shall be accompanied by a payment equal to the ***Sewer Service Connection Charge*** of:

100-mm or 150-mm diameter connection $300.00

plus a deposit in the amount of the ***Manager's*** estimate to complete such works. The above charges and deposit must be received by the Cowichan Valley Regional District before the work can be scheduled. The deposit will be applied against the actual cost of the ***Sewer Service Connection*** installation.

(b) Where the ***Sewer Service Connection*** has been installed by the subdivider entirely at his cost and the ***Sewer Service Connection Charge*** for each connection has been prepaid, the ***Applicant*** for ***Sewer Service*** shall only be required to complete a Sewer Connection Application.

.2 EXISTING LOT TO BE SUBDIVIDED:

(a) Lot presently serviced:
- *First lot exempt ..... n/a
- Each additional lot created $3,500.00

*Where the existing ***Sewer Service Connection*** is not utilized, the ***Subdivider*** will pay a ***Sewer Service Connection Charge*** of $300.00

(b) Lot not presently serviced:
- First lot $300.00
- Each additional lot created $3,500.00

(c) Pre-installed Sewer Connection – where the ***Sewer Service Connection*** has been installed by the subdivider entirely at his own cost, but the ***Sewer Service Connection Charge*** has not been prepaid, then the ***Applicant*** for ***Sewer Service*** shall be required to complete a ***Sewer Service Connection*** Application and pay the ***Sewer Service Connection Charge*** of $3,500.00.

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.3 SEWER SERVICE CONNECTION TO ADDITIONAL UNITS OR BUILDINGS: Where a ***Sewer Service Connection*** is to be installed to additional ***Units*** or buildings on an existing lot and the lot is:

(a) Vacant: First ***Unit*** or building ..... n/a
(included under Sub-Section 1.1)
Each additional unit or building $3,500.00

(b) Presently Occupied and Serviced
Each additional ***Unit*** or building $3,500.00

2. Parcel Tax Not Being Paid

.1 EXISTING LOT:
(permits servicing of one ***unit*** or ***building***)..... $3,500.00

.2 EXISTING LOT TO BE SUBDIVIDED:
Each and every newly created ***Lot***..... $3,500.00

.3 SEWER SERVICE CONNECTION TO ADDITIONAL UNITS OR BUILDINGS: Where a ***Sewer Service Connection*** is to be installed to additional ***Units*** or buildings on an existing lot and the lot is:

(a) Vacant: First ***Unit*** or building ..... n/a
(Included under Section 2.1 above)
Each additional ***Unit*** or building $3,500.00

(b) Presently Occupied and Serviced
Each additional ***Unit*** or building $3,500.00

3. High Flow Rates

The above ***Sewer Service Connection Charge*** shall be levied where applicable; however, where in the pinion of the ***District***, the flow rates from the intended use or from a change in use of a ***Lot***, ***Unit*** or ***Building***, exceeds maximum daily flow of 2.5 cubic metres per day (550 Imperial gallons per day), then the ***Applicant*** may be required to pay additional ***Sewer Service Connection Charges*** in proportion to the flow rates as determined by the ***District***, and/or complete an application of a Waste Discharge Permit. The decision of the ***District*** shall be final.

4. Other

The above Sewer Service Connection Charge shall be levied where applicable, however, where in the opinion of the ***District***, the flow rates from the intended use or change in use of a ***Lot***, ***Unit*** or ***Building*** may be limited, temporary or seasonal, the ***Applicant*** may submit a detailed report for review by the ***District*** to determine if the ***Sewer Service Connection Charge*** may be adjusted to suit the intended use. The decision of the ***District*** shall be final.

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5. **Disconnection of a Sewer Service Connection**
   Where a ***Sewer Service Connection*** is to be abandoned and must be disconnected as determined by the ***Manager***, the cost to the ***Owner*** of the property serviced shall be based on the actual cost to complete the work required plus a 10% administration charge.

6. **Re-use of Abandoned Sewer Service Connection**
   Inspection fee of previously abandoned, or disused,
   Sewer Service Connection ---------$50.00, plus the actual cost of a video inspection

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COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3484

A Bylaw to Amend the Maple Hills Sewer System Management Bylaw No. 1748

WHEREAS the Board of the Cowichan Valley Regional District established the management of the *Maple Hills Sewer System* pursuant to CVRD Bylaw No. 1748, cited as "CVRD Bylaw No. 1748 – Maple Hills Sewer System Management Bylaw, 1996";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to update the language of the bylaw and to revise Schedule B.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3484 - Maple Hills Sewer System Management Amendment Bylaw, 2011".**

2. **AMENDMENT**

a) That Parts I through IX be deleted in their entirety and replaced with the following Sections 2 through 12:

2. DEFINITIONS

In this bylaw, unless the context otherwise requires:

"Air" means the atmosphere, but, except in a ***Sewer*** or a ***Sewage Facility*** or as the context may otherwise require, does not include the atmosphere inside a constructed enclosure that is not open to the weather.

"Air Contaminant" means any ***Substance*** or odour whether gaseous, liquid, solid or a combination that is emitted into the ***Air*** and that:

(a) injures or is capable of injuring the health or safety of a person;
(b) injures or is capable of injuring property or any life form;
(c) interferes or is capable of interfering with visibility;
(d) interferes or is capable of interfering with the normal conduct of business;
(e) causes or is capable of causing material physical discomfort to a person, or,
(f) damages or is capable of damaging the environment.

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"Applicant" means a request for one of the following:

(a) a ***Waste Discharge Permit***;
(b) to amend, add or delete a term or condition of a ***Waste Discharge Permit***;
(c) to change the activity that is the subject of a ***Waste Discharge Permit***;
(d) to renew a ***Waste Discharge Permit***;
(e) an ***Authorization***.

"Authorized" or ***"Authorization"*** means that ***Authorization*** in writing by the ***Manager*** upon such terms and conditions as specified therein;

"Biomedical Waste" means ***Biomedical Waste*** as defined in the "Guidelines for the Management of ***Biomedical Waste***" established by the Canadian Council of Ministers of the Environment (CCME) and dated February 1992, or the most current regulations and guidelines as determined by the ***Manager***.

"Biosolids" means treated municipal ***Wastewater Sludge*** that meets quality criteria for beneficial use as a fertilizer or soil amendment product.

"BOD" means Biochemical Oxygen Demand, being the quantity of oxygen utilized in the biochemical oxidation of organic ***Substance***s under standard laboratory procedures in 5 days at 20 degrees Celsius expressed in milligrams per litre, as determined by the appropriate procedure in ***Standard Methods***.

"Capable of Connection" means that the parcel of land abuts a street, lane, public ***Sewer*** right-of-way or easement, upon or under which there is a ***Sewermain*** with excess capacity and that the ***Sewer*** service connection will have adequate cover at the property line, and drain towards the ***Sewer,*** and allowing the house or building to be connected to the service connection by either a gravity building ***Sewer***, or a pump and forcemain.

"COD" means Chemical Oxygen Demand, being a measure of the equivalent of the organic matter content of a sample that is susceptible to oxidation by a strong chemical oxidant, as determined by the appropriate procedure in ***Standard Methods***.

"Combined Sewer" means a ***Sewer*** designed for the collection and transmission of ***Uncontaminated Water***, ***Wastewater***, and ***Stormwater***.

"Committee" means a standing committee, comprised of representatives from the ***Regional Board,*** which the Engineering and Environmental Services Department reports to.

"Composite Sample" means a sample of ***Waste*** which is composed of equivalent portions of a specified number of ***Grab Samples*** collected manually or automatically at the same sampling point, at specified times or flow intervals during a specified sampling period.

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"Condensed Water" means water, which is produced through the process of condensation and includes condensate drainage from refrigeration equipment, air conditioning equipment and steam heating systems.

"Consumer" means the owner or occupant of property that is serviced by, connected to and uses the ***Maple Hills Sewer System.***

"Contaminate" means any ***Substance***, whether gaseous, liquid or solid, whether dissolved or suspended, or any ***Wastewater*** quality parameter that, when present above a certain concentration in ***Wastewater***:

(a) injures or is capable of injuring the health or safety of a person;
(b) injures or is capable of injuring property or any life form;
(c) interferes or is capable of interfering with the proper operation of a ***Sewer*** or sewerage facility;
(d) causes or is capable of causing material physical discomfort to a person; or
(e) damages or is capable of damaging the environment.

"Daily Flow" means the total flow over a 24-hour period, as measured by an approved calibrated flow meter.

"Discharge" means to directly or indirectly introduce a ***Substance*** into a ***Sewer*** or ***Sewage Facility*** by spilling, disposing of, abandoning, depositing, leaking, seeping, pouring, draining, emptying, or by any other means.

"District" means the Cowichan Valley Regional District.

"District Water" means water carried by a community water system operated and managed by the ***District.***

"Domestic Sewage" means ***Sanitary Waste*** produced on a ***Residential Property.***

"Domestic Waste" means ***Sanitary Waste*** or the water-carried wastes from drinking, culinary purposes, washing, bathing, laundering or food processing which is produced
on a ***Residential Property*** and is ***Discharged*** directly or indirectly into a ***Sewer*** connected to a ***Sewage Facility*** operated by the ***District.***

"Enactment" means any applicable act, regulation, bylaw, or ***Authorization***, by a federal, provincial, regional or municipal government or their ***Authorized*** representatives.

"Environmental Management Act" means the ***Environmental Management Act*** of the Province of British Columbia or any legislation that replaces the ***Environmental Management Act.***

"Grab Sample" means a sample of ***Waste*** collected at a particular time and place.

"Hazardous Waste" means ***Hazardous Waste*** as defined in the ***Environmental Management Act.***

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"Hazardous Waste Regulation" means the ***Hazardous Waste Regulation*** enacted pursuant to the ***Environmental Management Act***.

"Hazardous Waste Regulation Leachate Quality Criteria" means the ***Contaminant*** concentrations for leachate set out in Schedule 4 of the ***Hazardous Waste Regulation***.

"High Volume Discharge" means any ***Discharge*** of ***Non-domestic Waste*** into a ***Sewer*** in excess of 2.57 cubic metres per day (550 Imperial Gallons per day) or 90 cubic metres over any consecutive 30-day period, but not including water from a pool.

"Improvement District" means an ***Improvement District*** incorporated under the Local Government Act.

"Manager" means the person duly appointed ***Manager*** of the Engineering Services Department by the ***Regional Board***.

"Maple Hills Sewer System" means the ***Sewer*** system currently servicing the ***Maple Hills Sewer System Service Area*** including all ***District*** buildings, structures, sewage, collection, treatment, disposal facilities, equipment, electrical works, pumping stations, forcemains, ***Sanitary Sewermains***, appurtenances, ***Sewer Service Connections***, and all sewage works designated for the collection and disposal of sewage together with all lands appropriated for such purposes and uses.

"Maple Hills Sewer System Service Area" means a service area established and defined by Bylaw, within which the ***District*** manages and operates a ***Sewer*** system.

"Mass Loading" means the concentration of a constituent multiplied by the flow rate.

"Metered District Water" means ***District*** water supplied to ***Consumers*** through individual meters located on serviced connections from a community water system operated and managed by the CVRD.

"Monitoring Point" means an access point to a ***Sewer***, ***Private Drainage Systems***, or other ***Sewer*** for the purpose of:

(a) measuring the rate of flow or volume of ***Wastewater*** being ***Discharged*** from a ***Premises***;
(b) collecting representative samples of ***Wastewater*** being ***Discharged*** from a ***Premises***.

"Monthly Average" means the arithmetic mean of all measurements taken over a calendar month.

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"Municipality" means any participating member city, town, or other incorporated area of the ***District***.

"Non-domestic Waste" means all ***Waste*** except ***Domestic Waste***, ***Trucked Waste***, ***Sanitary Waste***, ***Stormwater*** and ***Uncontaminated Water***.

"Oil and Grease" means an organic ***Substance*** or ***Substance***s recoverable by procedures set out in ***Standard Methods*** or procedures ***Authorized*** by the ***Manager*** and includes, but is not limited to, hydrocarbons, esters, fats, oils, waxes and high-molecular weight carboxylic acids.
"Owner" means any person who is registered under the Land title Act as the owner of land, or any other person who is in lawful possession of land, or who is in lawful possession or occupancy of any buildings situated on the land.

"Parcel Tax" means an annual tax levied on each parcel of land within the ***Maple Hills Sewer System Service Area***.

"PCB" means any mono-chlorinated, de-chlorinated, or polychlorinated or any mixture that contains one or more of these.

"Pesticides" means pesticides regulated under the Pesticide Control Act of British Columbia.

"pH" means the expression of the acidity or basicity of a solution as defined and determined by the appropriate procedure described in ***Standard Methods***.

"Phenols" means the hydroxyl derivatives of aromatic hydrocarbons as determined by the appropriate procedure described in ***Standard Methods***.

"Pool" means any water receptacle used for swimming or as a bath or hot tub designed to accommodate more than one bather at a time, or designed for decorative purposes.

"Premises" means any land or building or both, or any part thereof.

"Private Drainage System" means a privately owned assembly of pipes, fittings, fixtures, traps and appurtenances that is used to convey ***Wastewater***, ***Uncontaminated Water***, ***Stormwater***, or foundation drainage to a ***Sewer***, ***Sewage Facility***, or a private ***Wastewater*** disposal system.

"Private Sewer Service Pipe" means that part of the ***Sewer Service Pipe*** located within the boundaries of the property being serviced, or outside the boundaries of a CVRD Statutory right-of-way, and which is connected, or intended, to connect to the ***Maple Hills Sewer System*** via a ***Sewer Service Connection.***

"Prohibited Waste" means ***Prohibited Waste*** in Article "A" of Schedule F of this Bylaw.

"Radioactive Materials" means ***Radioactive Materials*** as defined in the Atomic Energy Control Act of Canada and Regulations under that Act.

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"Regional Board" means the Board of Directors of the Cowichan Valley Regional District.

"Residential Property" means a property that is used primarily for the purposes of residence by persons on a permanent, temporary or seasonal basis.

"Restricted Waste" means ***Restricted Waste*** as defined in Article "B" of Schedule F of this Bylaw.

"Sanitary Sewer" means a ***Sewer*** which carries ***Sanitary Waste*** or ***Wastewater***, but which is not intended to carry ***Stormwater*** or ***Uncontaminated Water***.

"Sanitary Waste" means ***Waste*** that contains human feces, urine, blood or body fluids originating from sanitary conveniences or other sources.

"Seasonal Use" means the use of the ***Sewer Service(s)*** for a dwelling, unit or recreational accommodation which is not continuously inhabited for more than three months in any calendar year or which is inhabited from time to time for not more than four months in any calendar year.

"Sewer" means all pipes, conduits, drains, and other equipment and facilities, owned or otherwise under the control or jurisdiction of the ***District***, or one or more municipalities, for collecting, pumping, and transporting ***Wastewater*** either to a ***Sewage Facility***, or otherwise and includes all such pipes, conduits, drains, and other equipment and facilities, which connect with those of the ***District*** or one or more municipalities.

"Sewer Charges" means the charges set out in the applicable Schedule(s) forming part of this Bylaw.

"Sewer Extension" means any installation requiring the construction of a 200-mm diameter ***Sewermain***, or larger, within a public road allowance or right-of-way or easement, from the most convenient existing ***Sewer***, but does not include a ***Sewer Service Connection*** or a ***Private Sewer Service Pipe***.

"Sewer Extension Application Charge" means the charges as set out in the applicable Schedule(s) forming part of this Bylaw.

"Sewage Facility" means works owned or otherwise under the control, or jurisdiction of the ***District.***

"Sewer Rates" means the rates set out in the applicable Schedule(s) forming part of this Bylaw.

"Sewer Service(s)" means the collection, treatment and disposal of sewage.

"Sewer Service Charges" means the charges as set out in the applicable Schedule(s) forming part of this Bylaw.

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"Sewer Service Connection" means the ***Sewer*** pipe and its integral appurtenances, which are placed from the ***Sewermain*** to the boundary of the property being serviced; or from the ***Sewermain*** to the boundary of the right-of-way, when the ***Sewermain*** is located in a right-of-way in favour of the ***District***.

"Sewer Service Connection Charges" means the charges as set out in the applicable Schedule(s) forming part of this Bylaw.

"Sewer Service Pipe" means the conduit connecting a ***Sewermain*** that is part of the Maple Hills ***Sewer System*** with lands or buildings and consisting of both a ***Sewer Service Connection*** and a ***Private Sewer Service Pipe***.

"Sewer Surcharge Rates" means the rates as set out in the applicable Schedule(s) forming part of this Bylaw, and are applied in proportion to the amount of ***Metered District Water*** consumed by a user.

"Sewermain" means a pipe forming part of the community sewage collection system, other than those pipes serving as ***Sewer Service Connections***.

"Sharps" means hypodermic needles, hypodermic syringes, blades, broken glass, and any devices, instruments or other objects that have acute rigid corners, edges or protuberances.

"Sludge" means ***Wastewater*** containing more than 0.5% total solids.

"Spill Reporting Regulation" means the Spill Reporting Regulation enacted pursuant to the ***Environmental Management Act Regulation***.

"Standard Methods" means the latest edition of "***Standard Methods*** of Examination of Water and Wastewater" jointly prepared and published from time to time by the American Public Health Association, American Water Works Association, and the Water Pollution Control Federation.

"Storm Sewer" means a ***Sewer*** for the collection and transmission of ***Stormwater*** or ***Uncontaminated Water***.

"Stormwater" means water resulting from natural precipitation from the atmosphere and which is intended to be transported in a ***Storm Sewer***, or a ***Combined Sewer*** or a ***Watercourse***.

"Substance" includes any solid, liquid or gas.

"Suspended Solids" means the portion of total solids retained by a filter, as determined by the appropriate procedure in ***Standard Methods***.

"Total Ammonia" means the sum of the concentrations or masses of ionized ammonia and un-ionized ammonia.

"TN (Total Nitrogen)" means the sum of the concentrations or masses of organic nitrogen, ***Total Ammonia***, nitrite and nitrate.

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"TP (Total Phosphorus)" means the sum of the concentrations or masses of organic phosphates, ortho-phosphates and polyphosphates.

"Treasurer" means the person duly appointed ***Treasurer*** by the ***Regional Board***, or his duly appointed delegate.

"Trucked Waste" means any ***Waste*** that is collected and transported from the site where the ***Waste*** originated by means other than ***Discharge*** to a ***Sewer*** including, but not limited to, holding tank water, septic tank waste, chemical toilet contents, ***Oil and Grease*** from interceptors or traps, and other ***Sludge*** of organic or inorganic origin.

"Uncontaminated Water" means any water excluding ***Stormwater*** but including cooling water, ***Condensed Water*** and water from municipal ***Waterworks***, or a private water supply to which no ***Contaminate*** has been added as a consequence of its use, or to modify its use by any person.

"Unit" means an "area within" a building which is segregated and self-contained and, in the case of multiple units, the units may be owned or rented by different persons or organizations.

"Waste" means any ***Substance*** whether gaseous, liquid or solid, that is or is intended to be ***Discharged***, or discarded, directly or indirectly, to a ***Sewer*** or ***Sewage Facility***.

"Waste Discharge Permit" means a ***Waste Discharge Permit*** issued by the ***Manager***.

"Wastewater" means the composite of water and water-carried ***Wastes*** from residential, commercial, industrial or institutional ***Premises***, or any other source.

"Wastewater Sludge" means the removed material resulting from chemical treatment, coagulation, flocculation, sedimentation, flotation, or biological oxidation of ***Wastewater***.

"Water" includes seawater, surface water, groundwater and ice.

"Watercourse" means:

(a) a river, stream, creek, waterway, lagoon, lake, spring, swamp, marsh or other natural body of water; or
(b) a canal, ditch, reservoir or other man-made surface feature whether it contains or conveys water continuously or intermittently.

"Waterworks" means any works owned, or otherwise under the control or jurisdiction of the ***District***, or one or more of its member ***Municipalities***, or private owned water system, or an ***Improvement District*** that collects, treats, transports, or stores drinking water.

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"Works" includes:

(a) a drain, ditch, ***Sewer*** or ***Waste*** disposal system including a sewage treatment plant, pumping station or outfall;

(b) a device, equipment, land or a structure that:
  (i) measures, handles, transports, stores, treats, or destroys ***Waste*** or a ***Contaminant***; or
  (ii) introduces ***Waste*** or a ***Contaminant*** into the environment;

(c) an installation, plant, machinery, equipment, land; or a process that causes or may cause a release of a ***Contaminant*** into the environment, or is designed, or used to measure or control the introduction of ***Waste*** into the environment, or to measure or control a ***Contaminant***;

(d an installation, plant, machinery, equipment, land or a process that monitors or cleans up a ***Contaminant*** or ***Waste***.

3. ADMINISTRATIVE POLICY

1. (a) The responsibility for the construction, operation and maintenance of the ***Maple Hills Sewer System*** is hereby vested in the ***Manager*** who shall operate the same under the established policy of the ***Regional Board***.

(b) No construction, operation or maintenance work of any kind or nature, not specifically authorized by this Bylaw, shall be performed on the whole or any part of the ***Maple Hills Sewer System*** except as ***Authorized*** in writing by the ***Manager***.

(c) Ownership of ***Maple Hills Sewer System***: The ***Maple Hills Sewer System***, required for treatment, disposal and collection of sewage from the ***Owner's*** property, which are constructed, whether at the ***Owner's*** expense or ***District's*** expense in present or future public highways or within ***District*** right-of-way property, shall be the property of the ***District***.

2. (a) The ***District*** may supply ***Sewer Service*** as circumstances, collection, treatment and disposal capacity permit.

(b) No ***Sewer Service(s)*** shall be supplied to any parcel of land or ***Premises*** outside of the ***Maple Hills Sewer System Service Area*** except by special agreement with the ***District,*** and/or the expansion of the sewer system service area by CVRD Bylaw.

(c) No person shall allow wastewater, sewage, septage or any form of liquid or substance to be brought into the ***Maple Hills Sewer System Service Area*** for the sole purpose of disposal directly or indirectly into the ***Maple Hills Sewer System*** unless otherwise approved by the CVRD and other agencies having jurisdiction.

(d) All reasonable efforts will be made to ensure a continuous ***Sewer Service***; however, the ***District*** does not guarantee to the ***Consumer*** an uninterrupted

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discharge of sewage, nor shall any failure to provide an uninterrupted supply of ***Sewer Service***, or to meet any such standard be construed as neglect on the part of the ***District***.

3. Any person authorized by the ***Manager*** shall have free access, at all reasonable times, and upon reasonable notice given and request made, to all parts of every building or other ***Premises*** to which ***Sewer Services(s)*** are supplied for the purpose of inspecting, repairing, or disconnecting any ***Sewer Service Pipe*** and appurtenances within a serviced structure or located on the lands in question.

4. (a) The ***Manager*** may, upon reasonable notice, limit or restrict ***Sewer Services*** within all or any part of the ***Maple Hills Sewer System Service Area***, however, in emergency situations, notice may not be given.

   (b) The ***District*** is not liable for damages caused by the breakage or failure of the ***Maple Hills Sewer System***.

5. Any person before proceeding with, or authorizing any construction which is, or is proposed, to be located under, across or along any sanitary ***Sewer***, forcemain, or other sewage works forming part of the ***Maple Hills Sewer System***, shall notify the ***Manager*** in writing of his intention to proceed with the same, and if it shall, in the opinion of the ***Manager***, become necessary as a consequence to support or relocate such ***Sanitary Sewer***, or other sewage works, the cost of supporting or relocating the same shall be charged against that person and the ***Manager*** shall supervise and direct the supporting or relocating of such ***Sanitary Sewer*** or other sewage works.

6. Any person(s) who has proceeded with or who has authorized any construction which is located under, over, across or along any ***Sewermain*** or other ***Sewer*** works forming apart of the ***Maple Hills Sewer System*** shall be liable for any damage caused by such construction. If the damage is not remedied to the satisfaction of the ***Manager*** in reasonable time as determined by him, the ***Manager*** may have such damage repaired, upon giving notice to such person(s), and the cost of the repairs shall be borne by such person(s).

4. SEWER RATES AND SEWER CHARGES

1. (a) Revenues for the ***Maple Hills Sewer System*** may be raised by ***Sewer Rates, Sewer Charges*** and ***Parcel Taxes.***

   (b) If in any fiscal year the revenues generated by the rates and charges set out in sub-section (a) do not meet the expenditures of the ***Maple Hills Sewer System Service Area***, the deficit may be covered by a duly authorized increase in any or all of the charges set out in sub-section (a) for the succeeding fiscal year.

   (c) All revenue raised by the methods herein described or ***Authorized*** shall be applied to the ***Maple Hills Sewer System.***

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2. (a) ***Consumers*** of ***Sewer Service(s)*** who receive ***Metered District Water*** shall be charged the ***Sewer Charges*** set out in Schedule A.

   (b) ***Consumers*** of ***Sewer Service(s)*** who do not receive ***Metered District Water*** shall pay the ***Sewer Charges*** set out in Schedule B.

   (c) Person(s) desiring the extension of the ***Maple Hills Sewer System*** to lands which they own, or occupy, shall make formal application and pay the appropriate charges as set out in Schedule E and comply with Sections 5 and 6 of this Bylaw.

   (d) Person(s) requiring the miscellaneous services set out in Section 7 of this Bylaw shall pay the charges therefore set out in Schedule D.

3. (a) The ***Sewer Rates*** and ***Sewer Charges*** set out in Schedules A, B, C, D and E shall be subject to periodic review by the ***Manager*** and the ***Committee*** who may make recommendations on the revision of the said Schedules to the ***Regional Board***.

   (b) Schedules A, B, C, D, E, and F may be revised by Bylaws enacted by the ***Regional Board***.

5. SEWER CONNECTION SERVICE

1. (a) An ***Owner*** of lands within the ***Maple Hills Sewer System Service Area*** which abut a sewer line which is part of the ***Maple Hills Sewer System*** may apply to have his property connected to the ***Maple Hills Sewer System***.

   (b) No connection shall be made to the ***Maple Hills Sewer System*** until an application for ***Sewer Service*** has been completed and approved by the ***Manager***.

   (c) A ***Sewer Service Connection*** application shall be in the form provided by the ***Manager***, and shall be certified to be correct and signed by the ***Applicant***, and shall be submitted at least four (4) weeks prior to the date by which connection to the ***Maple Hills Sewer System*** is required.

   (d) ***Sewer Service Connection*** applications for property located within the ***Maple Hills Sewer System Service Area*** must be made prior to the issuance of a building permit, where such permit is necessary.

   (e) Waste Discharge Permit Applications.
      i) Where a ***Sewer Service Connection*** is to be installed for other than single family residential use, or where more than 90 m^3 of non-domestic ***Wastewater*** in any 30-day period, or where any ***Restricted Waste***, will be deposited in the ***Sanitary Sewer*** system, an application will be submitted to the ***District***, in the form of a Schedule G to this Bylaw, and a ***Waste Discharge Permit*** shall be completed before connecting the ***Premises*** to the ***Sanitary Sewer*** system.

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ii) All ***Sewer Service Connection(s)*** for other than single-family residential use, which is in existence at the date of adoption of the Bylaw, will complete a ***Waste Discharge Permit.***

iii) An ***Owner*** or occupier who intends to expand or alter a facility for other than single-family use, which is in existence at the date of adoption of this Bylaw, such that an increase in the effluent flow rate of more than 25% (based on a monthly average of the effluent ***Daily Flow*** rates), or increase in the effluent concentration of any ***Contaminant*** listed under Article "B" of Schedule G to this Bylaw of more than 25% (based on a monthly average of one-operating-day ***Composite Sample*** concentrations), or increase in the effluent ***mass load*** of any ***Contaminant*** of more than 25% (based on a monthly average of the effluent ***Daily Flow*** rates multiplied by the ***Monthly Average*** of one-operating-day ***Composite Sample*** concentrations) will require the discharger to apply for a new ***Waste Discharge Permit.*** The ***Manager*** may require the discharger to apply for a new ***Waste Discharge Permit*** if the flow in any one-day increases to a volume that would limit the capacity of the downstream users.

(f) Applications for ***Sewer Service Connections*** shall be accompanied by a deposit equal to the ***Sewer Service Connection Charge*** as set out in Schedule C.

(g) The ***Manager*** may refuse a ***Sewer Service Connection*** application where in his opinion the ***Maple Hills Sewer System*** might be adversely affected, or where in his opinion there is insufficient sewage collection and treatment disposal available.

2. (a) ***Applicants*** for ***Sewer Service Connections*** shall pay the ***Sewer Service Connection*** charges set out in Schedule C and upon completion of the ***Sewer Service Connection***, the deposit made pursuant to Section 5.1(f) shall be applied in payment of such charges.

(b) When a new ***Sewer Service Connection*** is installed, the ***Sewer Rate*** levied shall be pro-rated in accordance with appropriate charges set out in the appropriate Schedule. Commencement of charges shall be determined by the ***Treasurer.***

(c) Where an abandoned ***Sewer Service Connection*** is in place on or adjacent to an ***Applicant's*** lands, the ***Applicant*** may apply to have the ***Sewer Service Connection*** reconnected and shall at such time apply to have the ***Sewer Service Connection*** inspected, shall pay the inspection fee set out in Schedule C, and shall expose the ***Sewer Service Connection***, and prepare it for inspection, provided, however, that the ***Manager*** may, upon inspecting such a ***Sewer Service Connection***, refuse to reconnect it if it is in his opinion defective, and his opinion on this matter shall be final.

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3 (a) All work involved in the installation and maintenance of ***Sewer Service Connections*** to the ***Maple Hills Sewer System*** is to be performed by duly authorized employees or agents of the ***District***.

(b) Where the ***Applicant*** for a ***Sewer Service Connection*** indicates in his application a desired location for the ***Sewer Service Connection***, the ***Sewer Service Connection*** will be located as indicated, providing the proposed location is approved by the ***Manager***.

(c) Where the ***Applicant*** for a ***Sewer Service Connection*** does not indicate in his application a desired location for the ***Sewer Service Connection***, the ***Sewer Service Connection*** will be located as determined by the ***Manager***, and if the ***Applicant*** subsequently requires a relocation of the ***Sewer Service Connection***, such relocation is to be at the expense of the ***Applicant***.

4. (a) Unless otherwise directed by the ***Manager***, all ***Sewer Service Connections*** shall conform to the Cowichan Valley Regional District specifications and standards, and shall not be less than 100 mm in diameter for single family dwellings or units and shall be laid at a minimum grade of two percent (2%), and shall not be less than 150 mm in diameter, complete with inspection chamber, for commercial, industrial, institutional or multi-unit dwellings, and shall be laid at a minimum grade of one percent (1%).

(b) Where practicable as governed by the depth of the ***Sewer***, the minimum depth of the ***Sewer Service Connection*** at the property line shall be one (1) metre. Where possible, the ***Sewer Service Connection*** will be installed with sufficient depth to provide natural drainage from the lowest floor of any building or structure except where natural drainage is impractical due to the relative elevation of the ***Sewer*** and the lowest floor of the building or structure.

(c) No ***Sewer Service Pipe*** may be installed in, over or across the property of another person or located on an easement, or statutory right-of-way except by the written consent of the ***Owners*** concerned and the approval of the ***District*** in writing.

(d) Except as otherwise provided in this section, or directed in writing by the ***Manager***, separate and independent ***Private Sewer Service Pipes*** shall be provided to each building served by the ***Maple Hills Sewer System***.

(e) Separate and independent ***Sewer Service Connections*** shall be supplied to semi-detached residential ***Units*** where each ***Unit*** is separately owned and to row housing ***Units***, other than dwelling ***Units*** registered or to be registered under the *Strata Property Act*, where each ***Unit*** is separately owned.

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(f) Where more than one (1) parcel of land or ***Premises*** under separate ownership are served by a single ***Sewer Service Pipe***, the ***Manager*** may order the affected ***Consumers*** to disconnect from the single ***Sewer Service Pipe*** and connect directly to the ***Sewermain*** and all connection and plumbing alteration costs shall be borne by the ***Consumers***.

(g) If any ***Sewer Service Pipe*** is found not to comply with the drawings submitted, and approved by the ***Manager***, pursuant to Section 5.4 (a) and (b), the ***District*** shall not accept sewage from the ***Premises*** served by the said pipe until such time as the installation is made to agree with the approved drawings.

(h) Where CVRD records indicate a ***Sewer Service Connection*** exists to the property line of a parcel of land, the applicant shall make a reasonable effort at his own expense to find the service in a workman like manner based on the information available. If the service cannot be found in consultation with the CVRD, the CVRD will determine a course of action which may include looking for the existing service or installing a new ***Sewer Service Connection***. This cost shall be borne by the ***Applicant***.

(i) If it is determined that "as-constructed" records were incorrect and a ***Sewer Service Connection*** does not exist, then an extension to the existing service or a new service connection will be installed at the ***Applicant***'s cost based on the directly and indirectly related cost incurred by the CVRD to carry out the work.

5. (a) The ***Owner(s)*** of land shall be responsible for the installation of ***Private Sewer Service Pipes*** joining ***Sewer Service Connection***.

(b) The ***Owner(s)*** or occupants of land whose ***Premises*** are served by the ***Maple Hills Sewer System*** are responsible for providing a readily accessible 100-mm diameter clean-out, inspection chamber, pursuant to Section 5.4 (a) and (b), as near as possible at the point of connection between the ***Private Sewer Service Pipe*** and the ***Sewer Service Connection***.

(c) ***Private Sewer Service Pipe*** shall be installed in accordance with the requirements of the British Columbia Plumbing Code, and the requirements of other agencies having jurisdiction, and shall be constructed by the ***Owner*** entirely at his own expense. The private sewer service pipe shall be inspected by a CVRD representative prior to backfilling.

(d) The ***Private Sewer Service Pipe*** shall be maintained by the property ***Owner*** at his sole expense. Where any ***Sewer Service Pipe*** becomes stopped, or otherwise fails to function, the ***Owner*** or occupier of the ***Premises*** served shall first determine that the blockage is not located in his ***Private Sewer Service Pipe***, and then notify the ***Manager*** forthwith, and the ***Manager*** shall, as soon as practicable, arrange to have said ***Maple Hills Sewer System*** or ***Sewer Service Connection*** unstopped or otherwise restored to serviceable condition.

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(e) Where any stoppage or failure is found to exist in the ***Sewer Service Connection*** or ***Private Sewer Service Pipe*** and can be attributed to the user or occupant, then all costs incurred by the ***District*** in restoring service and unstopping the ***Sewer Service Connection*** or ***Private Sewer Service Pipe*** shall be paid by such ***Owner*** upon demand and if unpaid after December 31 in any year in which such work is done, shall be deemed to be taxes in arrears on the property concerned.

(f) When any ***Private Sewer Service Pipe*** is abandoned, the ***Owner*** or his agent shall notify the ***Manager*** and the ***Owner*** shall effectively block up the building ***Sewer*** at the ***Sewer Service Connection*** with a watertight seal to be inspected and approved by the ***Manager***.

(g) Whenever practical the ***Sewer Service Connection*** shall be installed prior to installation of the ***Private Sewer Service Pipe*** and connection of the ***Private Sewer Service Pipe*** to the ***Sewer Service Connection*** shall be made by the ***Owner***. The ***District*** shall not be responsible to meet the elevation or connect to an existing ***Private Sewer Service Pipe*** installed by the ***Owner*** prior to installation of the ***Sewer Service Connection***.

(h) No ***Private Sewer Service Pipe*** shall be connected to a ***Sewer Service Connection*** until it has been inspected and approved by the ***Manager***.

(i) Where, in the opinion of the ***Manager***, the infiltration and inflow from a ***Private Sewer Service Pipe*** exceeds that which would normally be associated with such pipe works and plumbing fixtures forming part of the ***Private Sewer Service Pipe***, the ***Manager*** may require the ***Owner*** to rectify the problem within reasonable time and entirely at the ***Owner's*** cost.

6. (a) Where, in the opinion of the ***Manager***, the ***Sewer Service Connection*** necessitates the installation of a manhole or inspection chamber at the property line, then the installation of the manhole or inspection chamber shall be the responsibility of the ***Applicant*** or ***Owner*** and the costs of such installation shall be borne by the ***Applicant*** or ***Owner***.

(b) The ***Manager*** may connect, if required, a ***Sewer Service Connection*** to an existing manhole.

(c) Where, in the opinion of the ***Manager***, a manhole or inspection chamber is required on the ***Sewer Service Connection*** but not yet constructed, the ***Manager*** may install the ***Sewer*** pipe and leave it plugged until a manhole or inspection chamber is constructed.

(d) Where a manhole or inspection chamber is connected after the installation of a ***Sewer Service Connection***, the person constructing the manhole or inspection chamber shall connect the ***Sewer Service Pipe*** to the manhole or inspection chamber, as directed by the ***Manager***, advise the ***Manager*** that such connection has taken place and request that the connection be inspected by the ***Manager***.

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7. Where a ***Consumer*** requires the replacement of a ***Sewer Service Connection***, the existing ***Sewer Service Connection*** shall be disconnected and the cost of disconnecting the ***Sewer Service Connection*** as set out in Schedule C, is to be borne by the ***Consumer***.

8. No person shall make any temporary connection to any ***Sanitary Sewer*** except by special agreement with the ***District***.

6. EXTENSION TO THE MAPLE HILLS SEWER SYSTEM SERVICE AREA

1. All extensions of the ***Maple Hills Sewer System*** shall be undertaken upon the recommendation of the ***Committee*** and pursuant to bylaws and policy of the ***Regional Board*** authorizing such extensions.

2. (a) ***Owner(s)*** of land within the ***Maple Hills Sewer System Service Area*** may file with the ***Manager*** a written request for an extension of the ***Maple Hills Sewer System*** and shall supply the ***Manager*** with such information with regard to the proposed extension as he may request. Such application shall be accompanied by a ***Sewer Extension Application Charge*** as set out in Schedule E.

   (b) The ***Manager*** shall forward all requests for extensions of the ***Maple Hills Sewer System*** to the ***Committee***.

3. Extensions of the ***Maple Hills Sewer System*** may be undertaken upon such terms and conditions as the ***Regional Board*** may from time to time impose, including, but not limited to:

   (a) In the event an ***Applicant*** wishes to proceed with an extension to the ***Maple Hills Sewer System***, the ***Manager*** may, with the approval of the ***Committee***, allow the extension, provided that the ***Applicant*** shall install the extension entirely at his own expense. The final cost to the ***Applicant*** of the ***Maple Hills Sewer System*** extension shall be the actual cost of design and construction together with a supervision charge in the amount stated in the approval to construct the extension and may include costs directly associated with upgrading existing facilities to accommodate the proposed development together with legal costs or other related costs incurred by the ***District*** and the ***Applicant***.

   (b) Any extension to the ***Maple Hills Sewer System*** shall be constructed in accordance with the plans and specifications of the ***District*** and to the approval of the ***Manager***.

   (c) Where a ***Sewer*** is extended, the minimum inside diameter shall be 200 mm and shall extend from the most convenient existing ***Sewer*** having sufficient surplus capacity and grade to carry the additional sewage resulting from the said extension, to a point opposite the furthest boundary of the last parcel of

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land to be served by the said extension. The decision regarding the point of connection to the public ***Sewer*** rests with the ***Manager***.

7. MISCELLANEOUS SERVICES

1. The ***District*** is responsible for the flushing, cleaning, rodding, unblocking, and repairing of ***Sewer Service Connections***.

2. Where any ***Private Sewer Service Pipe*** is found to have been blocked or damaged through the action of the ***Consumer*** occupying the property served by the pipe, or through the actions of any other person, the cost of labour and materials used to repair such blockage or damage shall be the responsibility of the ***Owner***.

3. The ***Treasurer*** shall, upon written request accompanied by payment of the fee set out in Schedule D in respect to each separate parcel of land or ***Premises***, furnish any ***Applicant*** with a written certificate showing the arrears of ***Sewer Rates, Sewer Surcharge Rates, Sewer Charges*** and ***Parcel Tax*** due on, or in respect of, any parcel of land or ***Premises*** up to the date to which such ***Sewer Rates*** and ***Sewer Charges*** were last computed, the duration of the last billing period, and the net amount billed during that period.

4. Cheques submitted by ***Consumers*** for the payment of ***Sewer Rates, Sewer Surcharge Rates, Sewer Charges***, or ***Parcel Tax*** and subsequently dishonoured by the banks on which they are drawn, will be processed by the ***Treasurer*** for the charge set out in Schedule D.

8. BILLING AND COLLECTING SEWER SURCHARGE RATES AND SEWER CHARGES

1. (a) All ***Sewer Rates, Sewer Surcharge Rates***, and ***Sewer Charges*** shall be payable for services provided and shall be due and payable when rendered.

   (b) Subject to sub-section (c), regular billings for ***Sewer Rates*** or ***Sewer Surcharge Rates*** may be rendered annually, quarterly, monthly or bimonthly at the discretion of the ***Treasurer***.

   (c) The ***Treasurer*** may in writing direct that any ***Consumer*** receive regular billings for ***Sewer Rates*** or ***Sewer Surcharge Rates*** at any periodic interval other than the intervals set out in sub-section (b).

   (d) The ***Treasurer*** may with reasonable notice advance or delay any regular billing of ***Sewer Rates*** or ***Sewer Surcharge Rates***.

   (e) To protect the ***District*** against potential losses from unpaid ***Sewer Charges***, the ***Treasurer*** may, at his discretion, demand in writing a security deposit by way of cash, certified cheque, letter of credit or guarantee from a ***Consumer*** from whom delinquent charges and fees can not be applied to property taxes.

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(f) The amount of the security deposit shall be no less than an amount equal to a ***Consumer's*** estimated ***Sewer*** bill for a period of 180 days.

2. (a) All ***Sewer Rates*** and ***Sewer Surcharge Rates*** are established in amounts that reflect a discount for prompt payment in the percentage set out in the Schedules of this Bylaw.

(b) Where any billing for ***Sewer Rates*** or ***Sewer Surcharge Rates*** remains unpaid after sixty (60) calendar days after the invoice date, the ***Consumer*** shall lose the discount for prompt payment set out in Schedules A and B, and/or as shown on the ***Sewer*** bill after the due date established by the ***Treasurer***.

3. (a) All ***Sewer*** bills shall be distributed to ***Consumers*** by ordinary, prepaid mail or by any other means as deemed expedient and necessary by the ***Treasurer***.

(b) ***Sewer Rates, Sewer Surcharge Rates*** and ***Sewer Charges*** may, at the discretion of the ***Treasurer***, be charged and billed to:

(i) the person requesting that ***Sewer*** services be provided, or

(ii) the person in occupation of the ***Premises*** served by the ***Maple Hills Sewer System***, or

(iii) the ***Owner*** of the ***Premises*** served by the ***Maple Hills Sewer System***.

(c) All ***Sewer Rates, Sewer Surcharge Rates*** and ***Sewer Charges*** for services rendered to buildings having multiple ***Units*** but served by a single ***Sewer Service Connection*** shall be charged and billed to the ***Owner*** of the building unless otherwise directed in writing by the ***Treasurer*** and agreed to by the ***Treasurer***.

(d) All ***Sewer Rates, Sewer Surcharge Rates*** and ***Sewer Charges*** for services rendered to buildings registered under the *Strata Property Act* shall be billed to the strata corporation unless otherwise directed in writing by the ***Treasurer*** and agreed to by the ***Treasurer***.

(e) Payment may be made, with no additional service charge, by personal cheque through the mail, by personal cheque, cash or debit in person at the Cowichan Valley Regional District office at 175 Ingram Street, Duncan, British Columbia, V9L 1N8, or by telephone or internet banking.

9. OFFENCES AND SANCTIONS

1. Every person who:

(a) wilfully hinders or interrupts, or causes or procures to be hindered or interrupted, the ***District***, or any of its officers, contractors, employees or agents, in the exercise of any of the powers conferred by this bylaw;

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(b) lays or causes to be laid any pipe or ***Sewer*** to communicate with any pipe or ***Sewer*** of the ***Maple Hills Sewer System***, or in any way obtains use of ***Sewer Services*** without the consent of the ***District***;

(c) wilfully causes the ***Maple Hills Sewer System*** to be blocked, obstructed, or damaged in any way;

(d) discharges or throws, or causes, allows or permits to be discharged, deposited or thrown into any ***Sewer*** system, plumbing fixtures connected thereto, manhole, inspection chamber or any other part of the ***Sewer*** system, any substance of any kind whatsoever that would tend to obstruct or injure the ***Maple Hills Sewer System***, or to cause any nuisance, or which will in any manner interfere with the proper functioning, maintenance or repair of the ***Sewer Service***, and will be dealt with under Schedule G of this Bylaw.

(e) maliciously, wilfully, or negligently breaks, damages, destroys, uncovers, defaces, mars or tampers with any part of the ***Sewer*** system is guilty of an offence and on summary conviction is liable to a fine of not more than $2,000.00.

2. Pursuant to the "Local Government Act", any rates, charges and/or fees, which remain unpaid after December 31 in any year shall be deemed to be taxes in arrears on the property concerned, with interest on those taxes in arrears calculated in accordance with the "Local Government Act".

10. <u>SOURCE CONTROL</u>

1. Refer to Schedule G for details.

11. <u>REMAINDER OF BYLAW TO REMAIN INTACT:</u>

In the event that a Court of competent jurisdiction declares any portion of this bylaw ultra vires, then such portion shall be deemed to be severed from the bylaw to the intent that the remainder of the bylaw shall continue in full force and effect.

12. <u>FORCE AND EFFECT – SCHEDULE A</u>

Schedule A (Sewer Surcharge Rates {Metered Water Consumption}) may come into force and effect, once a CVRD metered water system is in place.

b) That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this _____ day of _____ , 2011.

READ A SECOND TIME this _____ day of _____ , 2011.

READ A THIRD TIME this _____ day of _____ , 2011.

ADOPTED this _____ day of _____ , 2011.

_____
Chairperson

_____
Corporate Secretary

C·V·R·D

SCHEDULE B

TO CVRD BYLAW NO. 1748

SEWER SERVICE CHARGES

(a) ***Consumers*** of ***Sewer Services*** shall pay the minimum billing set out in sub-section (b) below. A 10% discount will be applied for timely payment.

(b) Minimum Sewer Classification Charge per Six (6) month billing period

Classification	Charge
Single Family Dwelling – Per Dwelling	150.00
STEP – Per Dwelling	127.50
Apartment – Per Unit	127.50
Mobile Home Park – Per Unit	150.00
RV Trailer Park/Campground:	
a) Site Connected to Sewer: Per serviced pad or site	75.00
b) Site not Connected to Sewer: Per pad or site	15.00
Hotel/Motel:	
a) Room or Suite: - Per room or suite	60.00
b) Kitchenette or Housekeeping Unit (per room or suite)	90.00
Restaurants - Per seat:	9.00
Licensed Premises - per seat:	15.00
Laundromat: Minimum charge for each washing machine	150.00
Commercial:	
Minimum charge for each 5 employees or portion thereof per shift	75.00
Each additional 5 employees or portion thereof per shift	75.00
School: Minimum charge per classroom	150.00

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Classification	Charge
Continuing Care Facility: Minimum charge for each bed	112.50
Bed and Breakfast/Rooming House:	
The minimum charge for such facility shall include the minimum charge of a single-family dwelling unit, plus a minimum charge for each and every guestroom.	
a) Single Family Dwelling:	150.00
b) Per guest room	60.00

Other:
For each 1.18 m^3 (259-Igal.) of daily metered or calculated flow. There should be a minimum of 1 unit applied to each connection if the above calculation yields less than one, where calculation yields an uneven number round to the higher whole number

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Septic Tank Effluent Pumping (STEP)
Applies to a connection that pumps grey water and retains solids in a holding tank. The rate is calculated at 85% of the Single-Family Dwelling rate to offset the cost of pump outs (typically a maximum of every 5 years).

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

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Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

Elementary School and High School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

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Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Other:
The volume of discharge to be apportioned for other types of developments that do not fall within the above classifications. Single family residential equivalents shall be calculated at 1.18 m^3 (259 Igal.) per day metered or calculated flow, rounded to the higher whole number.

C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3486

A Bylaw to Amend the Youbou Sewer System Management Bylaw No. 2560

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Youbou Sewer System pursuant to "CVRD Bylaw No. 2560, cited as "CVRD Bylaw No. 2560 – Youbou Sewer System Management Bylaw, 2005";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedules A and B to the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3486 - Youbou Sewer System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedules A and B be deleted in their entirety and replaced with Schedules A and B attached to and forming part of this bylaw.

READ A FIRST TIME this	_____	day of	_____	, 2011.
READ A SECOND TIME this	_____	day of	_____	, 2011.
READ A THIRD TIME this	_____	day of	_____	, 2011.
ADOPTED this	_____	day of	_____	, 2011.

_____ Chairperson

_____ Corporate Secretary

C·V·R·D

SCHEDULE A

TO CVRD BYLAW NO. 2560

SEWER SURCHARGE RATES (METERED WATER CONSUMPTION)

NOT APPLLICABLE AT THIS TIME.

C·V·R·D

SCHEDULE B

TO CVRD BYLAW NO. 2560

SEWER SERVICE CHARGES

(a) ***Consumers*** of ***Sewer Services*** shall pay the minimum billing set out in sub-section (b) below. A 10% discount will be applied for timely payment.

(b) Minimum Sewer Classification Charge per Six (6) month billing period

Classification	Charge
Single Family Dwelling – Per Dwelling	172.50
STEP System – Per dwelling	146.63
Apartment – Per Unit	146.63
Mobile Home Park – Per Unit	172.50
RV Trailer Park/Campground:	
a) Site Connected to Sewer: Per serviced pad or site	86.25
b) Site not Connected to Sewer: Per pad or site	17.25
Hotel/Motel:	
a) Room or Suite: - Per room or suite	69.00
b) Kitchenette or Housekeeping Unit (per room or suite)	103.50
Restaurants - Per seat:	10.35
Licensed Premises - per seat:	17.25
Laundromat: Minimum charge for each washing machine	172.50
Commercial:	
Minimum charge for the first 5 employees or portion thereof per shift	86.25
Each additional 5 employees or portion thereof per shift	86.25
School - Minimum charge per classroom	172.50

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Classification	Charge
Continuing Care Facility: Minimum charge for each bed	129.38
Bed & Breakfast/Rooming House: The minimum charge for such facility shall include the minimum charge for a single family dwelling unit plus a minimum charge for each and every guestroom.	
a) Single Family Dwelling:	172.50
b) Per guest room	69.00

Other There should be a minimum of 1 unit applied to each connection if the above calculation yields less than one, where calculation yields an uneven number round to the higher whole number

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Septic Tank Effluent Pumping (STEP):
Applies to a connection that pumps grey water and retains solids in a holding tank. The rate is calculated at 85% of the Single-family Dwelling rate to offset the cost of septic tank pump–outs (typically a maximum of every 5-years).

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

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Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

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Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Other:
The volume of discharge to be apportioned for other types of developments that do not fall within the above classifications. Single-family residential equivalents shall be calculated at 1.18 m3 (259 Igal.) per day metered for calculated flow, rounded to the higher whole number.

C·V·R·D

STAFF REPORT

R2

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 1, 2011 **FILE NO:** Bylaws

FROM: Louise Knodel-Joy, Water Management, Engineering & Environmental Services

SUBJECT Water System Management Amendment Bylaws

Recommendation:
That it be recommended that:

1. **"CVRD Bylaw 3488, Fern Ridge Water System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
2. **"CVRD Bylaw 3487 - Youbou Water System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption."**
3. **"CVRD Bylaw 3185, Cherry Point Water System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
4. **"CVRD Bylaw 3481 - Mesachie Lake Water System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**

Relation to the Corporate Strategic Plan: Provides a reliable essential service.

Financial Impact: *(Reviewed by Finance Division:)*
Increases to the above noted utility systems user fees have been reflected in the 2011 Budget.

Background:
User fee increases to these water systems are required to maintain viable services and to assist in the recovery of rising costs.

Submitted by,

L. Knodel-Joy

Louise Knodel-Joy
Senior Engineering Technologist
Water Management Division

LKJ/jlb

Reviewed by:
Division Manager:

Approved by:
General Manager:

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C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3481

A Bylaw to Amend the Mesachie Lake Water System Management Bylaw No. 1971

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Mesachie Lake Water System pursuant to "CVRD Bylaw No. 1971, cited as "CVRD Bylaw No. 1971 – Mesachie Lake Water System Management Bylaw, 1999";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedules B and C of the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3481 - Mesachie Lake Water System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedules B and C be deleted in their entirety and replaced with Schedules B and C attached to and forming part of this bylaw.

READ A FIRST TIME this	_____	day of	_____	, 2011.
READ A SECOND TIME this	_____	day of	_____	, 2011.
READ A THIRD TIME this	_____	day of	_____	, 2011.
ADOPTED this	_____	day of	_____	, 2011.

_____ Chairperson

_____ Corporate Secretary

C·V·R·D

SCHEDULE B

TO BYLAW NO. 1971

MESACHIE LAKE METERED WATER RATES

Water Rates

(a) The ***Consumer*** of ***District Water*** supplied through ***Water Meters*** shall pay the charges set out in Section (b) below. A 10% discount will be applied for timely payment.

(b) ***Water Rates*** **and Charges per Classification**

CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group A											
Single Family Dwelling: Per Dwelling		0	-	200	m³	$ 65.00					
Laundromat: Minimum charge for each washing machine		201	-	300	m³	$ 65.00	+	1.00	per m³ over	200	m³
Elementary/Middle School: Minimum charge per 20 students		301	-	400	m³	165.00	+	1.50	per m³ over	300	m³
or portion thereof	over	400			m³	315.00	+	2.25	per m³ over	400	m³
Group B											
Apartment: Per Unit		0	-	160	m³	$ 48.75					
Mobile/Modular Home Park: Per Unit		161	-	240	m³	$ 48.75	+	1.00	per m³ over	160	m³
		241	-	320	m³	$128.75	+	1.50	per m³ over	240	m³
	over	320	-		m³	$248.75	+	2.25	per m³ over	320	m³
Group C											
Commercial: Minimum charge for each 10 employees		0	-	130	m³	$ 39.00					
or portion thereof per shift		131	-	195	m³	$ 39.00	+	1.00	per m³ over	130	m³
		196	-	260	m³	$104.00	+	1.50	per m³ over	195	m³
	over	260	-		m³	$201.50	+	2.25	per m³ over	260	m³
Group D											
Continuing Care Facility: Minimum charge for each bed		0	-	100	m³	$ 32.50					
		101	-	150	m³	$ 32.50	+	1.00	per m³ over	100	m³
		151	-	200	m³	$ 82.50	+	1.50	per m³ over	150	m³
	over	200	-		m³	$157.50	+	2.25	per m³ over	200	m³
Group E											
RV Trailer Park/Campground-Site Connected to Sewer:		0	-	67	m³	$ 21.67					
Per service pad or Site		68	-	100	m³	$ 21.67	+	1.00	per m³ over	67	m³
Restaurant: Per 10 seats or patrons, or portion thereof		101	-	133	m³	$ 54.67	+	1.50	per m³ over	100	m³
Hotel/Motel: per housekeeping unit	over	133	-		m³	$104.17	+	2.25	per m³ over	133	m³
Group F											
Bed & Breakfast House: includes the minimum charge for a		0	-	40	m³	$ 13.00					
single family dwelling unit as defined in Group A above, plus a		41	-	60	m³	$ 13.00	+	1.00	per m³ over	40	m³
minimum charge per each Guest Group		61	-	80	m³	$ 33.00	+	1.50	per m³ over	60	m³
	over	80	-		m³	$ 63.00	+	2.25	per m³ over	80	m³
Group G											
RV Trailer Park/Campground-Site not Connected to		0	-	20	m³	$ 6.50					
Sewer:: - Per service pad or Site		21	-	30	m³	$ 6.50	+	1.00	per m³ over	20	m³
		31	-	40	m³	$ 16.50	+	1.50	per m³ over	30	m³
	over	40	-		m³	$ 31.50	+	2.25	per m³ over	40	m³

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CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group H											
High School: Minimum charge per 20 students or portion thereof per shift		0	-	270	m^3	$ 81.25					
		271	-	405	m^3	$ 81.25	+	1.00	per m^3 over	270	m^3
		406	-	540	m^3	216.25	+	1.50	per m^3 over	405	m^3
	over	540	-		m^3	418.75	+	2.25	per m^3 over	540	m^3
Group I											
Hotel/Motel: per room or suite		0	-	50	m^3	$ 16.25					
		51	-	75	m^3	$ 16.25	+	1.00	per m^3 over	50	m^3
		76	-	100	m^3	$ 41.25	+	1.50	per m^3 over	75	m^3
	over	100	-		m^3	$ 78.75	+	2.25	per m^3 over	100	m^3
Group J											
Licensed Premises: Per 10 seats or portion thereof		0	-	83	m^3	$ 26.00					
		84	-	125	m^3	$ 26.00	+	1.00	per m^3 over	83	m^3
		126	-	167	m^3	$ 68.00	+	1.50	per m^3 over	125	m^3
	over	167	-		m^3	$131.00	+	2.25	per m^3 over	167	m^3

Other:
The minimum charge and the volume of water to be apportioned for a six (6) month period for other types of developments that, in the opinion of the ***Manager***, do not fall within the above classifications, shall be determined by the ***Manager*** and his decision shall be final.

Aggregate Allotment:
Where more than one of the above classifications including ***"Other"*** is in use, or intended for use, then the applicable charges shall be applied to each and every classification.

UNDETECTED LEAKS
User Charges will be adjusted on a one-time forgiveness basis, where an undetected leak on the consumer's property has resulted in water usage greatly exceeding typical usage of water, according to the applicable classifications(s), and there is no indication that water was knowingly allowed to run to waste. Additionally, a cap of $1,500.00 per owner is in place for subsequent leaks after the first "forgiveness" of a water overage charge. Written verification from the ***Consumer*** describing the nature of the leakage and the action taken to rectify the problem must be received by the ***Manager*** before the one-time forgiveness will be granted. The leakage problem must be rectified by the ***Consumer*** within 30 days upon discovery, or notification of the problem.

USER CLASSIFICATION DESCRIPTIONS

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex or a cabin.

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

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Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or Ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, or temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travellers.

Where individual spaces for the above accommodations are connected directly to a sanitary sewer disposal system, the minimum charge shall be based on the ***Allotment*** of water as set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate sanitary sewer disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the ***Allotment*** of water as set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the ***Allotment*** of water set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the ***Allotment*** set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to a connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board to British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

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Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retain stores, offices, convenience store, service establishment, and light industrial.

Elementary School and High School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations for residents requiring full-time professional care that include living, sleeping, cooking, and sanitary facilities, but does not apply to an acute care facility.

Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

C·V·R·D

SCHEDULE C

TO BYLAW NO. 1971

MESACHIE LAKE UNMETERED WATER RATES

Water Rates

The ***Consumer*** of ***Unmetered District Water*** shall pay the charges set out below.

Water Rates and Charges per Classification

CLASSIFICATION	RATE STRUCTURE		
Single Family Dwelling	$ 65.00	$ 6.50	$ 58.50
Laundromat	$ 65.00	$ 6.50	$ 58.50
Elementary/Middle School	$ 65.00	$ 6.50	$ 58.50
Apartment	$ 48.75	$ 4.88	$ 43.87
Mobile Home Park	$ 48.75	$ 4.88	$ 43.87
Commercial: Minimum charge for the first 10 employees or portion thereof per shift	$ 39.00	$ 3.90	$ 35.10
Continuing Care Facility Minimum charge for each bed	$ 32.50	$ 3.25	$ 29.25
RV Trailer Park / Campground: Site Connected to Sewer: per serviced pad or site	$ 21.67	$ 2.17	$ 19.50
Restaurants: Minimum charge for the first 10 seats or patrons or portion thereof	$ 21.67	$ 2.17	$ 19.50
Hotel / Motel b) Housekeeping Unit:	$ 21.67	$ 2.17	$ 19.50
Bed & Breakfast / Rooming House: The minimum charge for such facility shall include the minimum charge for a single family dwelling unit plus a minimum charge for each and every guest room	$ 13.00	$ 1.30	$ 11.70
RV Trailer Park / Campground: Site Not Connected to Sewer: per pad or site	$ 6.50	$ 0.65	$ 5.85

High School

.../2

CLASSIFICATION	RATE STRUCTURE		
Minimum charge for the first 20 students or portion thereof	$ 81.25	$ 8.13	$ 73.12
Hotel / Motel			
Room or Suite: per room or suite	$ 16.25	$ 1.63	$ 14.62
Licensed Premises:			
Minimum charge for the first 10 seats or patrons or portion thereof	$ 26.00	$ 2.60	$ 23.40

Other:
The minimum charge and the volume of water to be apportioned for a six (6) month period for other types of developments that, in the opinion of the ***Manager***, do not fall within the above classifications, shall be determined by the ***Manager*** and his decision shall be final.

Aggregate Allotment:
Where more than one of the above classifications including ***"Other"*** is in use, or intended for use, then the applicable charges shall be applied to each and every classification.

USER CLASSIFICATION DESCRIPTIONS

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex or a cabin.

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or Ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

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RV Trailer Park/Campground:
Applies to any connection servicing land used, or temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travellers.

Where individual spaces for the above accommodations are connected directly to a sanitary sewer disposal system, the minimum charge shall be based on the ***Allotment*** of water as set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate sanitary sewer disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the ***Allotment*** of water as set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the ***Allotment*** of water set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the ***Allotment*** set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to a connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board to British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retain stores, offices, convenience store, service establishment, and light industrial.

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Elementary School and High School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations for residents requiring full-time professional care that include living, sleeping, cooking, and sanitary facilities, but does not apply to an acute care facility.

Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3485

A Bylaw to Amend the Cherry Point Estates Water System Management Bylaw No. 1690

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Cherry Point Estates Water System pursuant to "CVRD Bylaw No. 1690, cited as "CVRD Bylaw No. 1690 – Cherry Point Estates Water System Management Bylaw, 1995";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedule B of the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3485 - Cherry Point Estates Water System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this _____ day of _____ , 2011.

READ A SECOND TIME this _____ day of _____ , 2011.

READ A THIRD TIME this _____ day of _____ , 2011.

ADOPTED this _____ day of _____ , 2011.

_____ _____

Chairperson Corporate Secretary

C·V·R·D

SCHEDULE B

TO BYLAW NO. 1690

CHERRY POINT ESTATES METERED WATER RATES

WATER RATES AND CHARGES

The ***Consumer*** of ***District Water*** supplied through ***Water Meters***, shall pay the minimum charge set out in subsection (b) below. A 10% discount will be applied for timely payment.

Water Rates and Charges per Classification per six (6) month period:

CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group A											
Single Family Dwelling: Per Dwelling		0	-	200	m³	125.00					
Laundromat: Minimum charge for each washing machine		201	-	300	m³	125.00	+	1.00	per m³ over	200	m³
Elementary/Middle Scholl: Minimum charge per 20 students		301	-	400	m³	225.00	+	1.50	per m³ over	300	m³
or portion thereof	over	400			m³	375.00	+	2.25	per m³ over	400	m³
Group B											
Apartment: Per Unit		0	-	160	m³	$ 93.75					
Mobile/Modular Home Park: Per Unit		161	-	240	m³	$ 93.75	+	1.00	per m³ over	160	m³
		241	-	320	m³	173.75	+	1.50	per m³ over	240	m³
	over	320	-		m³	293.75	+	2.25	per m³ over	320	m³
Group C											
Commercial: Minimum charge for each 10 employees		0	-	130	m³	$ 75.00					
or portion thereof per shift		131	-	195	m³	$ 75.00	+	1.00	per m³ over	130	m³
		196	-	260	m³	140.00	+	1.50	per m³ over	195	m³
	over	260	-		m³	237.50	+	2.25	per m³ over	260	m³
Group D											
Continuing Care Facility: Minimum charge for each bed		0	-	100	m³	$ 62.50					
		101	-	150	m³	$ 62.50	+	1.00	per m³ over	100	m³
		151	-	200	m³	112.50	+	1.50	per m³ over	150	m³
	over	200	-		m³	187.50	+	2.25	per m³ over	200	m³
Group E											
RV Trailer Park/Campground-Site Connected to Sewer:		0	-	67	m³	$ 41.67					
Per service pad or Site		68	-	100	m³	$ 41.67	+	1.00	per m³ over	67	m³
Restaurant: Per 10 seats or patrons, or portion thereof		101	-	133	m³	$ 74.67	+	1.50	per m³ over	100	m³
Hotel/Motel: per housekeeping unit	over	133	-		m³	124.17	+	2.25	per m³ over	133	m³
Group F											
Bed & Breakfast House: includes the minimum charge for a single		0	-	40	m³	$ 25.00					
family dwelling unit as defined in Group A above, plus a minimum		41	-	60	m³	$ 25.00	+	1.00	per m³ over	40	m³
charge per each Guest Group		61	-	80	m³	$ 45.00	+	1.50	per m³ over	60	m³
	over	80	-		m³	$ 75.00	+	2.25	per m³ over	80	m³
Group G											
RV Trailer Park/Campground-Site not Connected to Sewer:		0	-	20	m³	$ 12.50					
- Per service pad or Site		21	-	30	m³	$ 12.50	+	1.00	per m³ over	20	m³
		31	-	40	m³	$ 22.50	+	1.50	per m³ over	30	m³
	over	40	-		m³	$ 37.50	+	2.25	per m³ over	40	m³

CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group H											
High School: Minimum charge per 20 students or portion thereof per shift		0	-	270	m^3	$156.25					
		271	-	405	m^3	$156.25	+	1.00	per m^3 over	270	m^3
		406	-	540	m^3	$291.25	+	1.50	per m^3 over	405	m^3
	over	540	-		m^3	$493.75	+	2.25	per m^3 over	540	m^3
Group I											
Hotel/Motel: per room or suite		0	-	50	m^3	$ 31.25					
		51	-	75	m^3	$ 31.25	+	1.00	per m^3 over	50	m^3
		76	-	100	m^3	$ 56.25	+	1.50	per m^3 over	75	m^3
	over	100	-		m^3	$ 93.75	+	2.25	per m^3 over	100	m^3
Group J											
Licensed Premises: Per 10 seats or portion thereof		0	-	83	m^3	$ 50.00					
		84	-	125	m^3	$ 50.00	+	1.00	per m^3 over	83	m^3
		126	-	167	m^3	$ 92.00	+	1.50	per m^3 over	125	m^3
	over	167	-		m^3	155.00	+	2.25	per m^3 over	167	m^3

Other

The minimum charge and the volume of water to be apportioned for a six (6) month period for other types of development that, in the opinion of the ***Manager***, do not fall within the above classifications, shall be determined by the General Manager of Engineering and Environmental Services and his decision shall be final.

Aggregate Allotment - Where more than one of the above classifications including "***Other***" is in use, or intended for use, then the applicable charges shall be applied to each and every classification

UNDETECTED LEAKS:

User Charges will be adjusted on a one-time forgiveness basis, where an undetected leak on the consumer's property has resulted in water usage greatly exceeding typical usage of water, according to the applicable classifications(s), and there is no indication that water was knowingly allowed to run to waste. Additionally, a cap of $1,500.00 per owner is in place for subsequent leaks after the first "forgiveness" of a water overage charge. Written verification from the ***Consumer*** describing the nature of the leakage and the action taken to rectify the problem must be received by the ***Manager*** before the one-time forgiveness will be granted. The leakage problem must be rectified by the ***Consumer*** within 30 days upon discovery, or notification of the problem.

USER CLASSIFICATION DESCRIPTIONS

Single Family Dwelling: Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Apartment: Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

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Mobile/Modular Home Park: Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground: Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travellers.

Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel: Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant: Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises: Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat: Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial: Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

.../4

Elementary School and High School: Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility: Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast: Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House: Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3487

A Bylaw to Amend the Youbou Water System Management Bylaw No. 2946

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Youbou Water System pursuant to "CVRD Bylaw No. 2946, cited as "CVRD Bylaw No. 2946 – Youbou Water System Management Bylaw, 2007";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedule B of the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3487 - Youbou Water System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this	_____	day of	_____	, 2011.
READ A SECOND TIME this	_____	day of	_____	, 2011.
READ A THIRD TIME this	_____	day of	_____	, 2011.
ADOPTED this	_____	day of	_____	, 2011.

_____ Chairperson

_____ Corporate Secretary

C·V·R·D

SCHEDULE B

TO BYLAW NO. 2946

YOUBOU METERED WATER RATES

WATER RATES AND CHARGES

The ***Consumer*** of ***District Water*** supplied through ***Water Meters***, shall pay the minimum charge set out in subsection (b) below. A 10% discount will be applied for timely payment.

***Water Rates* and *Charges* per Classification per six (6) month period:**

CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group A											
Single Family Dwelling: Per Dwelling		0	-	200	m^3	$ 75.00					
Laundromat: Minimum charge for each washing machine		201	-	300	m^3	75.00	+	1.00	per m^3 over	200	m^3
Elementary/Middle Scholl: Minimum charge per 20 students or		301	-	400	m^3	175.00	+	1.50	per m^3 over	300	m^3
portion thereof	over	400			m^3	325.00	+	2.25	per m^3 over	400	m^3
Group B											
Apartment: Per Unit		0	-	160	m^3	$ 56.25					
Mobile/Modular Home Park: Per Unit		161	-	240	m^3	56.25	+	1.00	per m^3 over	160	m^3
		241	-	320	m^3	136.25	+	1.50	per m^3 over	240	m^3
	over	320	-		m^3	256.25	+	2.25	per m^3 over	320	m^3
Group C											
Commercial: Minimum charge for each 10 employees		0	-	130	m^3	$ 45.00					
or portion thereof per shift		131	-	195	m^3	45.00	+	1.00	per m^3 over	130	m^3
		196	-	260	m^3	110.00	+	1.50	per m^3 over	195	m^3
	over	260	-		m^3	207.50	+	2.25	per m^3 over	260	m^3
Group D											
Continuing Care Facility: Minimum charge for each bed		0	-	100	m^3	$ 37.50					
		101	-	150	m^3	37.50	+	1.00	per m^3 over	100	m^3
		151	-	200	m^3	87.50	+	1.50	per m^3 over	150	m^3
	over	200	-		m^3	162.50	+	2.25	per m^3 over	200	m^3
Group E											
RV Trailer Park/Campground-Site Connected to Sewer:		0	-	67	m^3	$ 25.00					
Per service pad or Site		68	-	100	m^3	25.00	+	1.00	per m^3 over	67	m^3
Restaurant: Per 10 seats or patrons, or portion thereof		101	-	133	m^3	58.00	+	1.50	per m^3 over	100	m^3
Hotel/Motel: per housekeeping unit	over	133	-		m^3	107.50	+	2.25	per m^3 over	133	m^3
Group F											
Bed & Breakfast House: includes the minimum charge for a single		0	-	40	m^3	$ 15.00					
family dwelling unit as defined in Group A above, plus a minimum		41	-	60	m^3	15.00	+	1.00	per m^3 over	40	m^3
charge per each Guest Group		61	-	80	m^3	35.00	+	1.50	per m^3 over	60	m^3
	over	80	-		m^3	65.00	+	2.25	per m^3 over	80	m^3

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CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group G											
RV Trailer Park/Campground-Site not Connected to Sewer:		0	-	20	m^3	$ 7.50					
- Per service pad or Site		21	-	30	m^3	7.50	+	1.00	per m^3 over	20	m^3
		31	-	40	m^3	17.50	+	1.50	per m^3 over	30	m^3
	over	40	-		m^3	32.50	+	2.25	per m^3 over	40	m^3
Group H											
High School: Minimum charge per 20 students or portion thereof per shift		0	-	270	m^3	$93.75					
		271	-	405	m^3	93.75	+	1.00	per m^3 over	270	m^3
		406	-	540	m^3	228.75	+	1.50	per m^3 over	405	m^3
	over	540	-		m^3	431.25	+	2.25	per m^3 over	540	m^3
Group I											
Hotel/Motel: per room or suite		0	-	50	m^3	$18.75					
		51	-	75	m^3	18.75	+	1.00	per m^3 over	50	m^3
		76	-	100	m^3	43.75	+	1.50	per m^3 over	75	m^3
	over	100	-		m^3	81.25	+	2.25	per m^3 over	100	m^3
Group J											
Licensed Premises: Per 10 seats or portion thereof		0	-	83	m^3	$ 30.00					
		84	-	125	m^3	30.00	+	1.00	per m^3 over	83	m^3
		126	-	167	m^3	72.00	+	1.50	per m^3 over	125	m^3
	over	167	-		m^3	135.00	+	2.25	per m^3 over	167	m^3

Other

The minimum charge and the volume of water to be apportioned for a six (6) month period for other types of development that, in the opinion of the ***Manager***, do not fall within the above classifications, shall be determined by the General Manager of Engineering and Environmental Services and his decision shall be final.

Aggregate Allotment - Where more than one of the above classifications including "***Other***" is in use, or intended for use, then the applicable charges shall be applied to each and every classification.

UNDETECTED LEAKS:

User Charges will be adjusted on a one-time forgiveness basis, where an undetected leak on the consumer's property has resulted in water usage greatly exceeding typical usage of water, according to the applicable classifications(s), and there is no indication that water was knowingly allowed to run to waste. Additionally, a cap of $1,500.00 per owner is in place for subsequent leaks after the first "forgiveness" of a water overage charge. Written verification from the ***Consumer*** describing the nature of the leakage and the action taken to rectify the problem must be received by the ***Manager*** before the one-time forgiveness will be granted. The leakage problem must be rectified by the ***Consumer*** within 30 days upon discovery, or notification of the problem.

USER CLASSIFICATION DESCRIPTIONS

Single Family Dwelling: Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Apartment: Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

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Mobile/Modular Home Park: Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground: Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travellers. Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s). Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel: Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s). Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit. Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant: Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises: Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat: Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial: Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

Elementary School and High School: Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

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Continuing Care Facility: Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast: Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House: Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3488

A Bylaw to Amend the Fern Ridge Water System Management Bylaw No. 2996

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Fern Ridge Water System pursuant to "CVRD Bylaw No. 2996, cited as "CVRD Bylaw No. 2996 – Fern Ridge Water System Management Bylaw, 2008";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedule B of the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3488 - Fern Ridge Water System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this _____ day of _____ , 2011.

READ A SECOND TIME this _____ day of _____ , 2011.

READ A THIRD TIME this _____ day of _____ , 2011.

ADOPTED this _____ day of _____ , 2011.

_____ _____

Chairperson Corporate Secretary

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SCHEDULE B

TO BYLAW NO. 2996

FERN RIDGE METERED WATER RATES

Water Rates and Charges

The ***Consumer*** of ***District Water*** supplied through ***Water Meters***, shall pay the minimum charge set out in subsection (b) below. A 10% discount will be applied for timely payment.

Water Rates and *Charges* per Classification per six (6) month period:

CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group A											
Single Family Dwelling: Per Dwelling		0	-	250	m^3	$187.50					
Laundromat: Minimum charge for each washing machine		251	-	300	m^3	$187.50	+	1.10	per m^3 over	250	m^3
Elementary/Middle Scholl: Minimum charge per 20 students or		301	-	400	m^3	$242.50	+	1.65	per m^3 over	300	m^3
portion thereof	over	400			m^3	$407.50	+	2.48	per m^3 over	400	m^3
Group B											
Apartment: Per Unit		0	-	160	m^3	$140.63					
Mobile/Modular Home Park: Per Unit		161	-	240	m^3	$140.63	+	1.10	per m^3 over	160	m^3
		241	-	320	m^3	$228.63	+	1.65	per m^3 over	240	m^3
	over	320	-		m^3	$360.63	+	2.48	per m^3 over	320	m^3
Group C											
Commercial: Minimum charge for each 10 employees or portion		0	-	130	m^3	$112.50					
thereof per shift		131	-	195	m^3	$112.50	+	1.10	per m^3 over	130	m^3
		196	-	260	m^3	$184.00	+	1.65	per m^3 over	195	m^3
	over	260	-		m^3	$291.25	+	2.48	per m^3 over	260	m^3
Group D											
Continuing Care Facility: Minimum charge for each bed		0	-	100	m^3	$ 93.75					
		101	-	150	m^3	$ 93.75	+	1.10	per m^3 over	100	m^3
		151	-	200	m^3	$148.75	+	1.65	per m^3 over	150	m^3
	over	200	-		m^3	$231.25	+	2.48	per m^3 over	200	m^3
Group E											
RV Trailer Park/Campground-Site Connected to Sewer:		0	-	67	m^3	$ 62.50					
Per service pad or Site		68	-	100	m^3	$ 62.50	+	1.10	per m^3 over	67	m^3
Restaurant: Per 10 seats or patrons, or portion thereof		101	-	133	m^3	$ 98.80	+	1.65	per m^3 over	100	m^3
Hotel/Motel: per housekeeping unit	over	133	-		m^3	$153.25	+	2.48	per m^3 over	133	m^3
Group F											
Bed & Breakfast House: includes the minimum charge for a		0	-	40	m^3	$ 37.50					
single family dwelling unit as defined in Group A above, plus a		41	-	60	m^3	$ 37.50	+	1.10	per m^3 over	40	m^3
minimum charge per each Guest Group		61	-	80	m^3	$ 59.50	+	1.65	per m^3 over	60	m^3
	over	80	-		m^3	$92.50	+	2.48	per m^3 over	80	m^3
Group G											
RV Trailer Park/Campground-Site not Connected to Sewer:		0	-	20	m^3	$ 18.75					
- Per service pad or Site		21	-	30	m^3	$ 18.75	+	1.10	per m^3 over	20	m^3
		31	-	40	m^3	$ 29.75	+	1.65	per m^3 over	30	m^3
	over	40	-		m^3	$ 46.25	+	2.48	per m^3 over	40	m^3

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CLASSIFICATION	USER CHARGES										
	Water Use					Charge					
Group H **High School:** Minimum charge per 20 students or portion thereof per shift		0	-	270	m^3	$234.38					
		271	-	405	m^3	$234.38	+	1.10	per m^3 over	270	m^3
		406	-	540	m^3	$382.88	+	1.65	per m^3 over	405	m^3
	over	540	-		m^3	$605.63	+	2.48	per m^3 over	540	m^3
Group I Hotel/Motel: per room or suite		0	-	50	m^3	$ 46.88					
		51	-	75	m^3	$ 46.88	+	1.10	per m^3 over	50	m^3
		76	-	100	m^3	$ 74.38	+	1.65	per m^3 over	75	m^3
	over	100	-		m^3	$115.63	+	2.48	per m^3 over	100	m^3
Group J **Licensed Premises:** Per 10 seats or portion thereof		0	-	83	m^3	$ 75.00					
		84	-	125	m^3	$ 75.00	+	1.10	per m^3 over	83	m^3
		126	-	167	m^3	$121.20	+	1.65	per m^3 over	125	m^3
	over	167	-		m^3	$190.50	+	2.48	per m^3 over	167	m^3

UNDETECTED LEAKS:

User Charges will be adjusted on a one-time forgiveness basis, where an undetected leak on the consumer's property has resulted in water usage greatly exceeding typical usage of water, according to the applicable classifications(s), and there is no indication that water was knowingly allowed to run to waste. Additionally, a cap of $1,500.00 per owner is in place for subsequent leaks after the first "forgiveness" of a water overage charge. Written verification from the ***Consumer*** describing the nature of the leakage and the action taken to rectify the problem must be received by the ***Manager*** before the one-time forgiveness will be granted. The leakage problem must be rectified by the ***Consumer*** within 30 days upon discovery, or notification of the problem.

USER CLASSIFICATION DESCRIPTIONS

Single Family Dwelling: Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Apartment: Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile/Modular Home Park: Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground: Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travellers.

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Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel: Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s). Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit. Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant: Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises: Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat: Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial: Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

Elementary School and High School: Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility: Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast: Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House: Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

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STAFF REPORT

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 1, 2011 **FILE NO:** **5520-20/ARS-ARW-ARD**

FROM: Louise Knodel-Joy, Senior Environmental Technologist, Water Management Division

SUBJECT: Arbutus Ridge Water, Sewer & Drainage System Management Amendment Bylaws

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Recommendation/Action:
That it be recommended to the Board:

1. **That "CVRD Bylaw No. 3483 – Arbutus Ridge Sewer System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
2. **That "CVRD Bylaw No. 3482 – Arbutus Ridge Water System Management Amendment Bylaw, 2011" be forwarded to the Board for consideration of three readings and adoption.**
3. **That a bylaw be prepared to amend "CVRD Bylaw No. 2989 – Arbutus Ridge Drainage System Service Establishment Bylaw, 2007", to increase the maximum requisition to $37,000, and that the amendment bylaw be forwarded to the Board for consideration of three readings and adoption.**

Relation to the Corporate Strategic Plan: Provides a reliable essential service.

Financial Impact: *(Reviewed by Finance Division: ___)*
A six percent increase is proposed for the Arbutus Ridge Water and Sewer System user fees. The annual cost of providing drainage service is recovered by requisition of money collected by parcel tax. The total parcel tax requisition for the fiscal year 2011 is $31,104. It is suggested that the requisition maximum limit be increased approximately 20% to $37,000 to allow for an annual 3% increase over the next few years.

Background:
When negotiating the Utility Transfer of Assets Agreement with the Arbutus Ridge Strata Corporation, they requested that the CVRD raise utility rates 3% per year, as was the previous practice. As the first biannual invoices for Arbutus Ridge have already been sent out for 2010-2011, the water and sewer user rates have been increased by 6% for the next billing period to compensate for the remainder of 2011 and into 2012.

Submitted by,

L. Knodel-Joy

Louise Knodel-Joy
Senior Engineering Technologist

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Reviewed by:
Division Manager:

Approved by:
General Manager:

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COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3483

A Bylaw to Amend the Arbutus Ridge Sewer System Management Bylaw No. 3306

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Arbutus Ridge Sewer System pursuant to "CVRD Bylaw No. 3306, cited as "CVRD Bylaw No. 3306 – Arbutus Ridge Sewer System Management Bylaw, 2009";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedule B to the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3483 - Arbutus Ridge Sewer System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedule B be deleted in its entirety and replaced with Schedule B attached to and forming part of this bylaw.

READ A FIRST TIME this _____ day of _____ , 2011.

READ A SECOND TIME this _____ day of _____ , 2011.

READ A THIRD TIME this _____ day of _____ , 2011.

ADOPTED this _____ day of _____ , 2011.

_____ _____

Chairperson Corporate Secretary

C·V·R·D

SCHEDULE B

TO CVRD BYLAW NO. 3306

SEWER SERVICE CHARGES

(a) ***Consumers*** of ***Sewer Services*** shall pay the minimum billing set out in sub-section (b) below.

(b) Minimum Sewer Classification Charge per Six (6) month billing period

Classification	Charge
Single Family Dwelling – Per Dwelling	172.78
STEP System – Per dwelling	146.86
Apartment – Per Unit	146.86
Mobile Home Park – Per Unit	172.78
RV Trailer Park/Campground:	
a) Site Connected to Sewer: Per serviced pad or site	86.39
b) Site not Connected to Sewer: Per pad or site	17.28
Hotel/Motel:	
a) Room or Suite: - Per room or suite	69.11
b) Kitchenette or Housekeeping Unit (per room or suite)	103.67
Restaurants - Per seat:	10.37
Licensed Premises - per seat:	17.28
Laundromat: Minimum charge for each washing machine:	172.78
Commercial:	
Minimum charge for the first 5 employees or portion thereof per shift	86.39
Each additional 5 employees or portion thereof per shift	86.39
School - Minimum charge per classroom	172.78
Continuing Care Facility: Minimum charge for each bed	129.59

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Classification	Charge
Bed & Breakfast/Rooming House: The minimum charge for such a facility shall include the minimum charge for a single family dwelling unit, plus a minimum charge for each and every guestroom.	
a) Single Family Dwelling:	172.78
b) Per guest room	69.11
Golf Course: Based on 3.5% of total sewer system operating budget or minimum of	5,796.00

Other There should be a minimum of 1 unit applied to each connection if the above calculation yields less than one, where calculation yields an uneven number round to the higher whole number

Single Family Dwelling:
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Septic Tank Effluent Pumping (STEP):
Applies to a connection that pumps grey water and retains solids in a holding tank. The rate is calculated at 85% of the Single-family Dwelling rate to offset the cost of septic tank pump–outs (typically a maximum of every 5-years).

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

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Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

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Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Other:
The volume of discharge to be apportioned for other types of developments that do not fall within the above classifications. Single-family residential equivalents shall be calculated at 1.18 m3 (259 Igal.) per day metered for calculated flow, rounded to the higher whole number.

C·V·R·D

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW No. 3482

A Bylaw to Amend the Arbutus Ridge Water System Management Bylaw No. 3305

WHEREAS the Board of the Cowichan Valley Regional District established the management of the Arbutus Ridge Water System pursuant to "CVRD Bylaw No. 3305, cited as "CVRD Bylaw No. 3305 – Arbutus Ridge Water System Management Bylaw, 2009";

AND WHEREAS the Board of the Cowichan Valley Regional District deems it desirable to revise Schedules B and C of the bylaw.

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This Bylaw may be cited for all purposes as **"CVRD Bylaw No. 3482 - Arbutus Ridge Water System Management Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Schedules B and C be deleted in their entirety and replaced with Schedules B and C attached to and forming part of this bylaw.

READ A FIRST TIME this	_____	day of	_____	, 2011.
READ A SECOND TIME this	_____	day of	_____	, 2011.
READ A THIRD TIME this	_____	day of	_____	, 2011.
ADOPTED this	_____	day of	_____	, 2011.

_____ Chairperson

_____ Corporate Secretary

C·V·R·D

SCHEDULE B

TO BYLAW NO. 3305

ARBUTUS RIDGE METERED WATER RATES

Water Rates and Charges

The ***Consumer*** of ***District Water*** supplied through ***Water Meters***, shall pay the minimum charge set out in subsection (b) below.

***Water Rates* and *Charges* per Classification per six (6) month period:**

CLASSIFICATION	USER CHARGES	
	Water Use	**Charge**
Group A	0 – 200 m^3	$ 172.78
- **Single Family Dwelling** – Per Dwelling	201-300 m^3	$ 172.78 + $1.25 per m^3 over 200 m^3
- **Laundromat:** Minimum charge for each washing machine	301-400 m^3	$ 297.78 + $1.85 per m^3 over 300 m^3
- **Elementary/Middle School:** Minimum charge per 20 students or portion thereof	Over 400 m^3	$ 482.78 + $2.50 per m^3 over 400 m^3
Group B		
- **Apartment/Suite** – Per Unit	0 – 160 m^3	$ 129.59
- **Mobile/Modular Home Park** – Per Unit	161-240 m^3	$ 129.59 + $1.25 per m^3 over 160 m^3
	241-320 m^3	$ 229.59 + $1.85 per m^3 over 240 m^3
	Over 320 m^3	$ 377.59 + $2.50 per m^3 over 320 m^3
Group C		
- **Commercial** - Minimum charge for each 10 employees or portion thereof per shift	0 –130 m^3	$ 103.67
	131-200 m^3	$ 103.67 + $1.25 per m^3 over 130 m^3
	200-260 m^3	$ 184.92 + $1.85 per m^3 over 195 m^3
	Over 260 m^3	$ 305.17 + $2.50 per m^3 over 260 m^3
Group D		
- **Continuing Care Facility:** Minimum charge for each bed	0 –100 m^3	$ 86.39
	101-150 m^3	$ 86.39 + $1.25 per m^3 over 100 m^3
	151-200 m^3	$ 148.89 + $1.85 per m^3 over 150 m^3
	Over 200 m^3	$ 241.39 + $2.50 per m^3 over 200 m^3

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CLASSIFICATION	USER CHARGES			
	Water Use	Charges		
Group E				
- **RV Trailer Park/Campground: Site Connected to Sewer:** Per serviced pad or site	0 – 67 m^3	$ 57.59		
	68-100 m^3	$ 57.59	+	$1.25 per m^3 over 67 m^3
- **Restaurant:** per 10 seats or patrons, or portion thereof	101-133 m^3	$ 98.84	+	$1.85 per m^3 over 100 m^3
- **Hotel/Motel:** per housekeeping unit	Over 133 m^3	$ 159.89	+	$2.50 per m^3 over 133 m^3
Group F				
- **Bed & Breakfast/Rooming House:** includes the minimum charge for a single family dwelling unit as defined in Group A above, plus a minimum charge per each Guest Room	0-40 m^3	$ 34.56		
	41-60 m^3	$ 34.56	+	$1.25 per m^3 over 40 m^3
	61-80 m^3	$ 59.56	+	$1.85 per m^3 over 60 m^3
	Over 80 m^3	$ 96.56	+	$2.50 per m^3 over 80 m^3
Group G				
- **RV Trailer Park/Campground: Site not Connected to Sewer:** Per pad or site	0-20 m^3	$ 17.28		
	21-30 m^3	$ 17.28	+	$1.25 per m^3 over 20 m^3
	31-40 m^3	$ 29.78	+	$1.85 per m^3 over 30 m^3
	Over 40 m^3	$ 48.28	+	$2.50 per m^3 over 40 m^3
Group H				
- **High School:** Minimum charge per 20 students or portion thereof	0 – 270 m^3	$ 215.98		
	271-405 m^3	$ 215.98	+	$1.25 per m^3 over 270 m^3
	406-540 m^3	$ 384.73	+	$1.85 per m^3 over 405 m^3
	Over 540 m^3	$ 634.48	+	$2.50 per m^3 over 540 m^3
Group I				
- **Hotel/Motel:** Per Room or Suite	0 – 50 m^3	$ 43.20		
	51-75 m^3	$ 43.20	+	$1.25 per m^3 over 50 m^3
	76-100 m^3	$ 74.45	+	$1.85 per m^3 over 75 m^3
	Over 100 m^3	$ 120.70	+	$2.50 per m^3 over 100 m^3
Group J				
- **Licensed Premises:** Per 10 seats or patrons or portions thereof.	0 – 83 m^3	$ 69.11		
	84-125 m^3	$ 69.11	+	$1.25 per m^3 over 83 m^3
	126-167 m^3	$ 121.61	+	$1.85 per m^3 over 125 m^3
	Over 167 m^3	$ 199.31	+	$2.50 per m^3 over 167 m^3
Group K				
- **Golf Course:** for potable water only. Based on 3.5% of total water system operating budget or minimum of.:		$ 5,796.00		

Other

The minimum charge and the volume of water to be apportioned for a six (6) month period for other types of development that, in the opinion of the ***Manager***, do not fall within the above classifications, shall be determined by the General Manager of Engineering and Environmental Services and his decision shall be final.

Aggregate Allotment - Where more than one of the above classifications including "***Other***" is in use, or intended for use, then the applicable charges shall be applied to each and every classification

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UNDETECTED LEAKS:

User Charges will be adjusted on a one-time forgiveness basis, where an undetected leak on the consumer's property has resulted in water usage greatly exceeding typical usage of water, according to the applicable classifications(s), and there is no indication that water was knowingly allowed to run to waste. Additionally, a cap of $1,500.00 per owner is in place for subsequent leaks after the first "forgiveness" of a water overage charge. Written verification from the ***Consumer*** describing the nature of the leakage and the action taken to rectify the problem must be received by the ***Manager*** before the one-time forgiveness will be granted. The leakage problem must be rectified by the ***Consumer*** within 30 days upon discovery, or notification of the problem.

USER CLASSIFICATION DESCRIPTIONS

Single Family Dwelling: Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Apartment: Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile/Modular Home Park: Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground: Applies to any connection servicing land used, temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travellers.

Where individual spaces for the above accommodations are connected directly to a ***Sanitary Sewer*** disposal system, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate ***Sanitary Sewer*** disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s).

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Hotel/Motel: Applies to any connection servicing a building or structure that contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Where units contain cooking facilities, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per housekeeping or kitchenette unit.

Where units contain sleeping and sanitary facilities only, the minimum charge shall be based on the charges set forth in the applicable schedule(s) per room or suite.

Restaurant: Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended to be used for, the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises: Applies to the connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board of British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat: Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available for public use for a fee or charge.

Commercial: Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retail stores, offices, convenience store, service establishment, and light industrial.

Elementary School and High School: Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility: Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include residents requiring full-time professional care, including living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast: Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

Rooming House: Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Golf Course: For potable water usage only.

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SCHEDULE C

TO CVRD BYLAW NO. 3305

UNMETERED WATER CHARGES

WATER RATES:

The ***Consumer*** of ***Unmetered District Water*** shall pay the charges set out below.

***Water Rates* and *Charges* per Classification per six (6) month period:**

	Charge
Single Family Dwelling:	$172.78
Apartment/Suite	129.59
Mobile Home Park:	129.59
RV Trailer Park/Campground:	
Site Connected to Sewer: per serviced pad or site.	57.59
Site Not Connected to Sewer - per pad or site.	17.28
Hotel/Motel:	
a) Room or Suite: per room or suite.	43.20
b) Kitchenette or Housekeeping Unit:	57.59
Restaurants:	
Minimum charge for the first 10 seats or patrons or portion thereof	57.59
Each additional 10 seats or patrons or portion thereof .	57.59
Licensed Premises:	
Minimum charge for the first 10 seats or patrons or portion thereof .	69.11
Each additional 10 seats or patrons or portion thereof .	69.11
Laundromat: Minimum charge for each washing machine	172.78
Commercial:	
Minimum charge for the first 10 employees or portion thereof per shift.	103.67
Each additional 10 employees or portion thereof per shift .	103.67
Elementary/Middle School: Minimum charge for 20 students or portion thereof	172.78
High School: Minimum charge for 20 students or portion thereof	215.98

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	Charge
Continuing Care Facility: Minimum charge for each bed	86.39

Bed & Breakfast/Rooming House:
The minimum charge for such facility shall include the minimum charge for a single family dwelling unit plus a minimum charge for each and every guest room .

a) Single Family Dwelling	172.78
b) Per guest room	34.56

Golf Course:
Based on potable water – Based on 3.5% of total water system operating budget or minimum of.: 5,796.00

Other:
The minimum charge and the volume of water to be apportioned for a six (6) month period for other types of developments that, in the opinion of the ***Manager***, do not fall within the above classifications shall be determined by the Manager of Engineering Services and his decision shall be final.

Aggregate Allotment:
Where more than one of the above classifications including ***"Other"*** is in use, or intended for use, then the applicable charges shall be applied to each and every classification.

Single Family Dwelling
Applies to any connection servicing a single segregated self-contained residential dwelling used for, or intended for the domestic use of one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities including, but not limited to a townhouse, semi-detached, residential home, duplex and a cabin.

Apartment:
Applies to any connection servicing a multiple occupancy residential building(s) with self-contained and segregated units consisting of two or more rooms used for, or intended for the domestic use by one or more individuals as a single housekeeping unit with cooking, living, sleeping and sanitary facilities.

Mobile/Modular Home Park:
Applies to a connection servicing land used or occupied for the purposes of providing space for the accommodation of mobile homes either on a rental or ownership basis. A mobile home means any structure containing one dwelling whether ordinarily equipped with wheels, or not, that is designated, constructed or manufactured to be moved from one place to another by being towed, or carried, but not including travel trailers, campers, or other vehicles exempt from the provisions of the Mobile Home Act.

RV Trailer Park/Campground:
Applies to any connection servicing land used, or temporarily occupied for the purpose of providing space for the accommodation of recreational vehicles or recreational structures. A recreational vehicle or recreational structure means a vehicle, trailer, coach, tents, structure, or conveyance designed to travel, or be transported on a highway and constructed and equipped to be used as temporary living or sleeping quarters for travelers.

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Where individual spaces for the above accommodations are connected directly to a sanitary sewer disposal system, the minimum charge shall be based on the ***Allotment*** of water as set forth in the applicable schedule(s).

Where individual spaces or sites are not serviced directly by an individual and/or separate sanitary sewer disposal system, but have the use of common or centrally located sanitary facilities, the minimum charge shall be based on the ***Allotment*** of water as set forth in the applicable schedule(s).

Hotel/Motel:
Applies to any connection servicing a building or structure, which contains sleeping units for the overnight accommodation of transient paying guests. Auxiliary assembly, commerce, entertainment, or restaurant uses as well as areas licensed to service alcoholic beverages and staff accommodation shall pay the charges according to the classification set forth in the applicable schedule(s).

Restaurant:
Applies to any connection servicing a building or structure, or segregated self-contained unit used for, or intended use for the commercial sale of refreshments, prepared or assembled food, and/or meals together with non-alcoholic beverages for sale to the public.

Licensed Premises:
Applies to a connection servicing a licensed beverage establishment as governed by the Liquor Licensing Board to British Columbia, and includes, but is not limited to pubs, restaurants, eateries, lounges, cafeterias and private clubs where alcoholic beverages are served.

Laundromat:
Applies to a connection servicing a building, self-contained unit, or separately owned business entity where washing machines are available to public use for a fee or charge.
Commercial:
Applies to a connection servicing a complex, facility, or parcel of land used to manufacture, sell, repair goods, or provide a service including, but not limited to retain stores, offices, convenience store, service establishment, and light industrial.

Elementary School and High School:
Applies to a connection servicing an institution of learning, or teaching facility, as defined by the School Act.

Continuing Care Facility:
Applies to a connection servicing a multiple occupancy complex providing long-term care, and living accommodations that include for residents requiring full-time professional care that include living, sleeping, cooking, and sanitary facilities, but not including an acute care facility.

Bed & Breakfast:
Applies to any connection servicing a single family dwelling, with an accessory use for overnight accommodation for transient paying guests in which breakfast is the only meal served.

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Rooming House:
Applies to any connection servicing a single family dwelling with an accessory use of rooms for rent by individuals for living and sleeping, but with common cooking and sanitary facilities shared by the occupants.

Golf Course: For potable water usage only.

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R4

STAFF REPORT

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 7, 2011 **FILE NO:** BCSWMC

FROM: Harmony Huffman, Environmental Technologist III

SUBJECT: Cowichan Energy Alternatives – Authorization to Occupy Fenced Compound at Bings Creek Solid Waste Management Complex

Recommendation/Action:
That the Board Chair and Corporate Secretary be authorized to sign a "License of Occupation Agreement" with the Cowichan Energy Alternatives Society for the use of a fenced compound adjacent to the former recycling storage building at the Bings Creek Solid Waste Manage Complex, for the purpose of operating a waste vegetable oil collection depot and bio-diesel production facility.

Relation to the Corporate Strategic Plan: Responsible waste management.

Financial Impact: *(Reviewed by Finance Division: ___)*
Rental of all or a portion of a fenced compound at the Bings Creek Solid Waste Management Complex to the Cowichan Energy Alternatives Society will result in monthly revenues to the CVRD. Rental rates have yet to be negotiated, but will be at a fair market rate. This figure will not include revenues received from the lease of the adjacent building.

Background:
The Cowichan Bio-diesel Cooperative, under the umbrella of the Cowichan Energy Alternatives Society, has occupied a space at the Bings Creek Solid Waste Management Complex since the Spring of 2009, for the purpose of operating a waste vegetable oil collection depot and bio-diesel production facility.

At its meeting of January 13, 2010, the Board passed a resolution authorizing the CVRD to enter into a lease agreement with the CEA for the use of a former recycling storage building at the Bings Creek site. This lease agreement provides for use of the building only.

The CEA has requested use of all or a portion of the fenced compound adjacent to the former recycling storage building. As this area is no longer fully utilized by Water Management crews, staff are recommending renting it to the CEA.

Submitted by:

Harmony Huffman
Environmental Technologist III
Recycling & Waste Management

Reviewed by:
Division Manager:

Approved by:
General Manager:

HH:jlb
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R5

STAFF REPORT

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 7, 2011 **FILE NO:** **5280-02-01**

FROM: Rob Williams, Environmental Technologist II

SUBJECT: Backyard Burning Bylaw

Recommendation/Action:
That staff proceed with a two-phase consultation process in order to provide stakeholder input towards a draft backyard burning bylaw.

Relation to the Corporate Strategic Plan:
The backyard burning bylaw initiative falls under the Healthy Environment strategy and more specifically the objective of Protecting the Environment from Harm.

Financial Impact: *(Reviewed by Finance Division: _____)*
Legal expenses totaling $5000 are projected for the first year of bylaw implementation, with future budget amounts adjusted accordingly.

Background:
The CVRD Board endorsed a resolution on September 9, 2009 to draft a backyard burning bylaw that would apply to small hand-piled fires not regulated under CVRD Bylaw No. 2020 – Landclearing Management Regulation. Further, the bylaw would specifically target: 1) fire size, 2) permissible property size, 3) burn season window, 4) materials burned, 5) method of burn, and 6) any excluded area(s). A recent resolution was also passed at the March 23, 2011 Engineering & Environmental Services Committee meeting to create a bylaw to prohibit the burning of construction site materials. The purpose for such bylaws is to reduce smoke pollution across the district from incident fires and improve the quality of the air shed.

In order to ensure administrative and enforcement efficiency, and prevent public confusion, staff feel it necessary to pursue the development of one backyard burning bylaw covering all related property fires outside of CVRD Bylaw No. 2020. In order to assist with this initiative and incorporate stakeholder input, staff would like to proceed with a two phase consultation process. Phase one would work with CVRD Public Safety to provide all district Fire Chiefs an opportunity to comment on a draft bylaw. Phase two would commence after Committee review and provide broader public involvement. The consultation process would occur immediately with an approximate implementation of the bylaw Fall 2011.

To ensure the bylaw is having the desired effect a review would be conducted within two years of implementation, including working with the Municipality of North Cowichan recommending revisions to bylaws for both jurisdictions, as deemed necessary.

Submitted by,

Rob Williams
Environmental Technologist II

Reviewed by:
Division Manager:

Approved by:
General Manager:

RW:jlb
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R6

STAFF REPORT

ENGINEERING AND ENVIRONMENTAL SERVICES COMMITTEE MEETING
OF APRIL 27, 2011

DATE: April 18, 2011 **BYLAW NO:** 3494

FROM: Kathleen Harrison, Legislative Services Coordinator

SUBJECT: Honeymoon Bay Water System Service Amendment – Boundary Extension

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Recommendation:
That **"CVRD Bylaw No. 3494 – Honeymoon Bay Local Service (Community Water Supply and Distribution) Amendment Bylaw, 2011"**, be forwarded to the Board for consideration of three readings and adoption.

Relation to the Corporate Strategic Plan:
This bylaw is consistent with the objectives of promoting individual and community wellness and reliable essential services noted in the Corporate Strategic Plan.

Financial Impact: *(Reviewed by Finance Division:)*
Costs are recovered through a combination of parcel taxes and user fees on the appropriate parcels within the participating area and are estimated at $460 annually per unit. The cost of extending the line to include additional properties is borne by property owners requesting inclusion in the service area and results in an overall reduction of service costs to participants.

Background:
At its meeting held April 13, 2011, the Board endorsed Resolution 11-171-7 that directs that the Right of Way Agreement between the CVRD and TimberWest be accepted and that the boundary of the Honeymoon Bay Water System Service Area be extended to include an additional property. The attached amendment bylaw has been prepared for consideration.

This bylaw requires the approval of the service area voters before it can be adopted. Voter approval may be obtained by the Area Director consenting, in writing, to the adoption of the bylaw. This bylaw also meets the criteria for exemption from obtaining the Inspector of Municipalities approval pursuant to the *Regional Districts Establishing Bylaw Approval Exemption Regulation, B.C. Reg. 113/2007.*

Submitted by,

Kathleen Harrison
Legislative Services Coordinator
Corporate Services Department

Attachments: Bylaw No: 3494

Reviewed by:
Division Manager:

Approved by:
General Manager:

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COWICHAN VALLEY REGIONAL DISTRICT

BYLAW NO. 3494

A Bylaw to Amend the Boundaries of the Honeymoon Bay Water System Service Area

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WHEREAS the Board of the Cowichan Valley Regional District established the *Honeymoon Bay Water System Service Area* under the provisions of Bylaw No. 1588, cited as "CVRD – Honeymoon Bay Local Service (Community Water Supply and Distribution) Establishment Bylaw No. 10, 1993", as amended;

AND WHEREAS the Board of the Cowichan Valley Regional District wishes to extend the boundaries of the service area to include the following property:

- PID 018-871-020, Lot 2, Section 38, Renfrew District (Situate in Cowichan Lake District), Plan VIP59274;

AND WHEREAS the owner of the above noted property has petitioned the Regional District to have their property included in the service area;

AND WHEREAS the Director of Electoral Area F – Cowichan Lake South/Skutz Falls has consented, in writing, to the adoption of this bylaw;

NOW THEREFORE the Board of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

   This bylaw may be cited for all purposes as **"CVRD Bylaw No. 3494 – Honeymoon Bay Local Service (Community Water Supply and Distribution) Amendment Bylaw, 2011"**.

2. **AMENDMENT**

   That Bylaw No. 1588 be amended by deleting the existing Schedule A and replacing it with the Schedule A attached to this bylaw.

READ A FIRST TIME this _____ day of _____ , 2011.

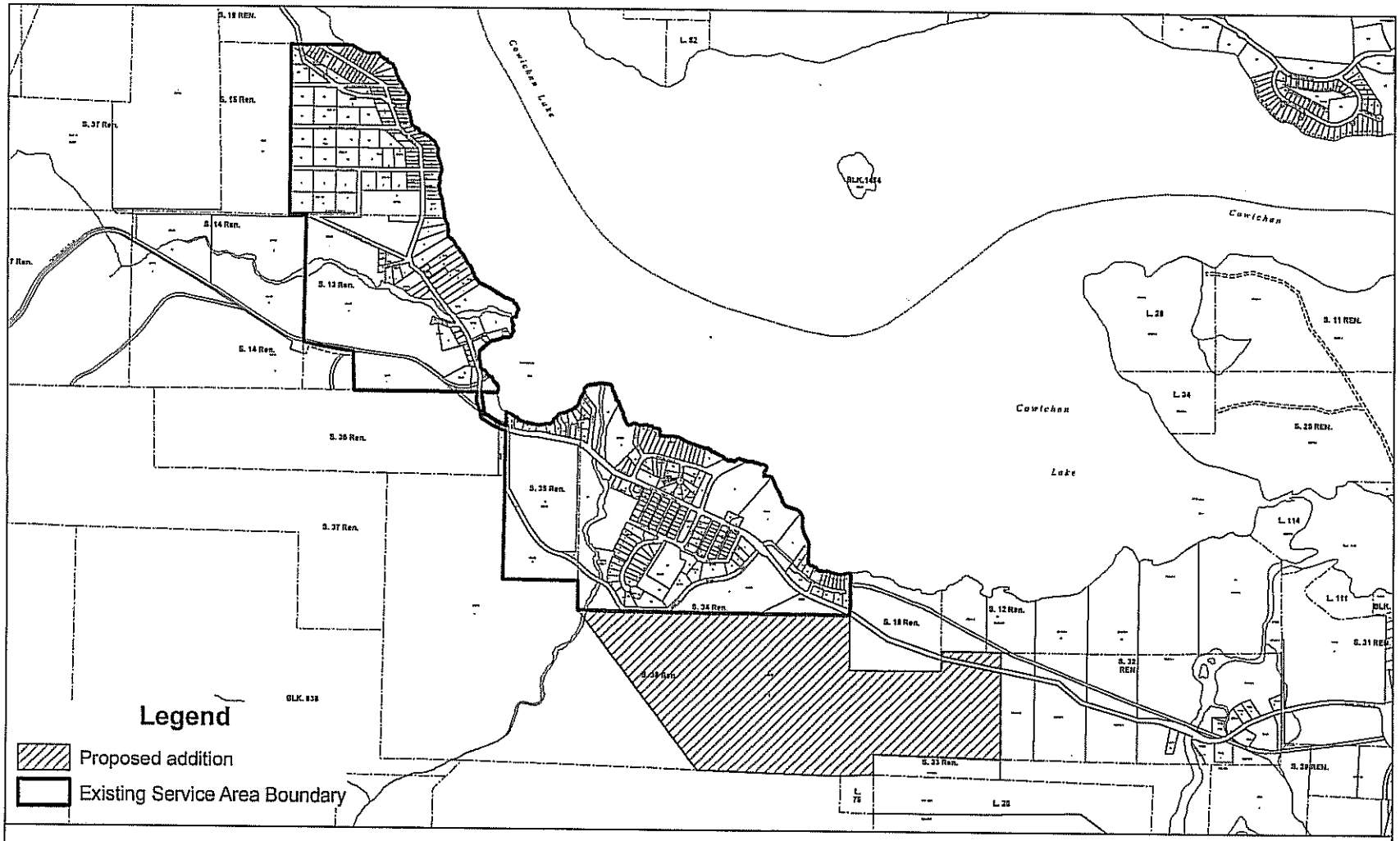
READ A SECOND TIME this _____ day of _____ , 2011.

READ A THIRD TIME this _____ day of _____ , 2011.

ADOPTED this _____ day of _____, 2011.

_____ Chairperson

_____ Corporate Secretary



Schedule A to Bylaw No. 1588 "CVRD - Honeymoon Bay Local Service (Community Water Supply and Distribution) Establishment Bylaw No.10, 1933. Amended by Bylaw No. 3494.

Adopted _____, 2011.

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STAFF REPORT

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 18, 2011 **FILE NO:** 2320-20-Sun
2320-20-BFI

FROM: Jason Adair, Superintendent, Solid Waste Operations

SUBJECT: Curbside Collection Contract Extensions

Recommendation/Action:
That the Cowichan Valley Regional District enter into Curbside Collection Contract extensions with the following service providers:

1) BFI - Electoral Areas A, B, D, E, F, G & I
2) Sun Coast Waste - Electoral Areas C and H

for the period of June 1, 2011 to May 31, 2012, and further that the Chair and Corporate Secretary be authorized to sign the extension agreements.

Relation to the Corporate Strategic Plan: Provides a reliable essential service.

Financial Impact: *(Reviewed by Finance Division:)*
Costs for Curbside Collection in 2011 will be recovered by user fees as outlined in the current 2011 budget. The contractors have agreed to maintain current rates over the term of the extension.

Background:
Staff is recommending that the CVRD extend the curbside collection contracts for the period of June 1, 2011 to May 31, 2012. Although contract rates will remain the same, service quality clauses (e.g. response to snow days) are being discussed with the contractors.

The purpose of seeking an extension would be to continue existing levels of curbside service while allowing staff to fully research some proposed changes to the service, which may include: the addition of food waste collection; use of Community Works Gas Tax funding; more user-pay options; more consistent service provision; alternative service provisions; and a new cost recovery structure. Many of these curbside options are expected to be available for discussion at the May 25, 2011 Engineering & Environmental Services Committee meeting.

Submitted by,

Jason Adair, Superintendent
Solid Waste Operations

Reviewed by:
Division Manager:

Approved by:
General Manager:

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STAFF REPORT

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 1, 2011 **FILE NO:** **5520-20/EA-I**

FROM: Joanne Bath, Administrative Coordinator, Engineering & Environment

SUBJECT: Youbou Street Lighting – Maximum Requisition Limit Increase

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Recommendation/Action:

1. **That a bylaw be prepared to amend "CVRD Bylaw No. 2193 –Youbou Street Lighting Service Establishment Bylaw, 2001", to increase the maximum requisition limit from $21,800 to $40,000.**
2. **That the amendment bylaw be forwarded to the Board for consideration of three readings and, following provincial and voter approval, adoption.**
3. **That voter approval for adoption of the amendment bylaw be obtained through an Alternative Approval Process.**

Relation to the Corporate Strategic Plan: Provides a reliable essential service.

Financial Impact: *(Reviewed by Finance Division: SM)*
The annual cost of providing this service is recovered by requisition of money collected by a parcel tax. The total annual parcel tax requisition for the fiscal year 2011 is $21,800, which equates to $52.03 per property. It is suggested that the annual requisition limit be increased to a maximum of $40,000, which would equate to $95.47 per property, per annum.

Background:
BC Hydro fees have increased steadily since adoption of this bylaw in 2001. The requisition was increased in 2010 to the maximum permitted without consent of the electorate, but now needs to be increased again as BC Hydro have announced substantial rate increases over the next 5 years.

Before the amendment bylaw can be adopted, the Inspector of Municipalities and service area electors must grant approval. Pursuant to Section 797.5 of the *Local Government Act* and Section 84 of the *Community Charter*, voter approval for this amendment may be obtained through an alternative approval process.

Submitted by,

Joanne Bath, Administrative Coordinator
Engineering & Environmental Services

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Reviewed by:
Division Manager:

Approved by:
General Manager:

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STAFF REPORT

ENGINEERING & ENVIRONMENTAL SERVICES COMMITTEE MEETING OF APRIL 27, 2011

DATE: April 20, 2011 **FILE NO:** ESD

FROM: Brian Dennison, P. Eng., General Manager, Engineering & Environment

SUBJECT: Short Term Borrowing Approval

Recommendation/Action:

That it be recommended, as approved in the 2011 budget, the Board authorize short-term borrowing for an amount not to exceed $28,000.00 to purchase a new photocopier and office furniture for the new staff building at Bings Creek Solid Waste Management, to be paid back within 5-years under the Liabilities Agreement, Section 175 of the Community Charter.

Relation to the Corporate Strategic Plan:

Financial Impact: *(Reviewed by Finance Division:* SEM)
The estimated annual debt retirement cost on $28,000 will be $5,850.00. The purchase, debt and debt payments have been budgeted in the 2011 Engineering Services Administration Budget 575.

Background:
In the 2011 budget, the Engineering & Environmental Services Department budgeted for office furniture for the new staff building at the Bings Creek Solid Waste Management Complex and a new photocopier for the main office (the old one will be transferred to the Bings Creek office). Funding for these two purchases will come from short term borrowing over 5-years.

Submitted by,

Brian Dennison, P. Eng., General Manager
Engineering & Environment

Reviewed by:
Division Manager:
Approved by:
General Manager:

:jlb

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